PITHAPUR RAJAH'S GOVERNMENT COLLEGE

KAKINADA - 533 001, Andhra Pradesh.
AUTONOMOUS & NAAC RE-ACCREDITED INSTITUTION





SELF STUDY REPORT FOR 3rd CYCLE OF ACCREDITATION MARCH - 2017

Submitted to
National Assessment and Accreditation Council
Bengaluru - 560072, Karnataka, India.

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PREFACE

Pithapur Rajah's Government College is the brain child of Sri R.V.K.M. Gangadhara Rama Rao, Rajah of Pithapuram, a great visionary and philanthropist. The Maha Rajah started this college in 1884 with the noble intention of promoting education and broadening the mental horizon of the youth of coastal Andhra Pradesh. It was a bold initiative during colonial times and the college finds a place in history as one of the premiere institutions of higher learning in the South India. The college has been largely serving the economically poor and down trodden sections of the society since its inception. The college became a Government institution in 1952. The eminent alumni – a galaxy of educationists, scientists, industrialists, social activists, political leaders and other famous men and women spread across the globe reflect the glory and the values of this 133 year old institution.

Even-though the corporate sector is able to make deep in roads into the educational sphere pushing aside most of the public funded institutions, P.R.Govt. College still remains a force to reckon with in the 21st century. The college was conferred with autonomy in the year 2000. It enjoyed the UGC - CPE status during XI Plan. In the first cycle of NAAC assessment in 2003, the college was accredited with B++. In the 2011, during 2nd cycle of NAAC, the college got B grade with 2.78 CGPA. Since then, keeping in view the observations of the NAAC peer team and the changing needs of the student community and the industry, sincere efforts have been made to bring in overall improvement in the key aspects. Infrastructure has been developed by tapping funds from the UGC, RUSA and A.P. State Government. Now, there are more class rooms, computers and research equipment, e-learning resources, auditorium, conference hall, indoor and outdoor stadia, women's hostel and a lot more. Four job oriented new academic programmes have been introduced – B.Sc. and B.Com Vocational and Community College programmes. The college stands unique in the entire country as it is the only Government College preferred by the UGC for starting 3 B.Voc. and 1 Community college programmes. The college has entered into partnership with world class organizations such as NASSCOM, GENPACT and TISS for providing the latest skills to the students. The college has bagged two prestigious major research projects – one from BARC and other from DST with a total worth of 58 Lacs. The number of Doctorate faculty has shot up to 17. The total student strength stands at 2400 +, a phenomenal increase from 1300 students in 2007.

It is our humble submission that the Governing Body, Faculty, Alumni, students and the peoples representatives fondly hope that this century old public funded institution of higher learning will attain the University status under RUSA and continue to serve the society and the nation by producing skilled and value based educated men and women. While preparing the SSR every effort has been made to present and showcase the various activities taken up during the assessment period and to register the sincere efforts of all the stakeholders of this institution.



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Dr. KRISHNA CHAPPIDI M.So. Tech., N.E.T., P.G.D.C.A., Ph.D.,

PRINCIPAL

PITHAPUR RAJAH'S GOVT. COLLEGE (AUTONOMOUS) - KAKINADA - 533 001 East Godavari Dist., A.P.

EXECUTIVE SUMMARY

The Pithapur Rajah's Government College, Kakinada ranks among the earliest institutions of English Education in South India. It was started as a middle School in 1852 was raised to the status of second grade College in 1884. The college was taken over by the government of Madras in 1952.

Situated in the heart of the town of Kakinada in 35.6 acres of sprawling campus, the college stands self contained with prestigious structures measuring to a total plinth area of 1,74,240 sq.yards. The college became autonomous with effect from the academic year 2000-2001. The college was assessed and accredited with B++ grade by NAAC in the year 2004. The autonomous status of the college was extended till the academic year 2020-2021 by the UGC.

The college enjoyed "College with Potential for Excellence" status during the 11th plan period. This status helped the college in strengthening the infrastructural facilities in Teaching learning evaluation, Research, Extension and other areas.

The college was accredited with B grade (2.78 CGPA) in November 2011.In strengthening our core competencies, the institution has been registering continuous growth in various criteria. In spite of stiff competition from corporate sector the century old institution is able to succeed and it caters to the needs of the disadvantaged sections of the society.

Curricular Aspects:

Curriculum Design and Development:

The College believes that the development of any society is linked with strengthening human resources by imparting quality and skill based education. Any academic programme shall cater to the needs of the society and the nation.

As computer literacy is a sine-qua-non for any employment, the college introduced programmes with computer combination. Computer Education is made compulsory for non computer combinations and is being imparted as foundation course. Communicative language teaching is used by the English faculty to improve the language skills of students.

The curriculum is designed to impart holistic education by constantly updating academic content and practices towards quality promotion in all spheres. The board of studies has representatives from the industry, university, other colleges and meritorious alumni. Interaction with the eminent personalities during industry visits, research laboratories, alumni meet also help in evolving strategies to introduce new programmes which are need based and Job oriented. **B.Voc.** programme in **Commercial Aquaculture** and Community College Programme in **Analytical Techniques in Pharmaceuticals** are two examples.

The college encourages innovation and research by encouraging student participation in Indian Science Congress, national seminars, workshops and intercollegiate competitions. Project work is mandatory for all final year students which orients them towards research.

The college offers 23 group combinations under conventional BA, B.Com and B.Sc programmes and post graduate programmes in Organic Chemistry, Analytical Chemistry, Mathematics, Zoology, Economics and M.Com. The state government sanctioned M.Sc Physics course which will be introduced with effect from 2017-2018 academic year.

In compliance to the policies of the Central Government and following the guidelines of the University Grants Commission our college introduced 3 B.Voc courses and 1 community college course with the UGC financial assistance with

an objective to improve the employability of the students and also to make them industry ready as more than 50% of our population is under the age of 30.

Academic flexibility/Focus on skill orientation:

The country is facing a demand-supply mismatch, as the growing economy needs more skilled work force, managers and entrepreneurs. There is a global paradigm shift from conventional education system to performance based qualification system. Keeping this in view, the college introduced three B.Voc and one community college course to impart skill oriented education with involvement of the industry to make the students industry - ready.

The college is also offering add on courses to impart various skills (Communication, Entrepreneurship, Youth leader ship, Legal awareness, Financial literacy and Technical skills) with the collaboration of TATA Institute of Social Sciences Mumbai.

Andhra Pradesh State Skill Development Corporation (APSSDC) introduced highly employable courses like Cyber security and Data Analytics in our campus. The college entered into MoU with NASSCOM for imparting training for these programmes.

Certificate Courses:

- 1. Solar power design and system integration
- 2. Environmental Audit
- 3. Share Markets & investments
- 4. Retail Management
- 5. Diploma in Computer Applications

Some more consideration in designing the curriculum under CBCS System:

The CBCS system which was introduced in the year 2014-2015, further enhanced the freedom of the Autonomous Colleges to offer courses with

relevance to the present day needs and trends. The college offers as many as 17 general electives, core electives and skill based electives. General electives are allotted as per merit among the opted candidates.

Curricular Enrichment:

By closely following the upcoming industries new agricultural practices and advancement in different subjects curriculum is reviewed and if needed new course combinations are introduced. All the curricula of the college are reviewed every year to make them socially-relevant and job-oriented/knowledge –intensive and meeting the emerging needs of students and other stakeholders. Computer literacy is made compulsory for all group combinations while advanced programming, web designing, multimedia are also taught under computer skills for computer combination courses.

Feedback system:

Feed back on curriculum is collected from the students and analyzed. Some changes pertaining to group combinations have been made based on the feedback.

Criterion II: The admissions are made on the basis of merit duly adhering to the rules of reservation of the state government as ours being a public funded institution, the admission policy strictly adheres to the rules of reservation of the State Government for all courses.

The demand ratio is very high for B.Com Courses which ranges from 3 to 4, while that for some B.Sc Courses it ranges from 3 to 6, for BA courses it ranges from 1.5 to 2.

For PG Courses, admissions are made through a centralized admission process based on the common examination conducted by AdiKavi Nannaya University (ANUR).

There is a provision for assessing students' knowledge needs and skills before the commencement of the teaching programme through teacher counsellor system. Slow learners are identified by their performance in internal exams, interaction in the classes and through Ward-Counsellor System.

Remedial measures for students from the disadvantaged communities are taken up through special classes, study material and monitoring their progress through Ward-Counsellor System. There is provision for conducting tutorial classes for the students. Academic progress of each student is monitored by the teacher-in-charge through activities like assignments, group discussions, subject quiz, classroom seminars and paper presentations.

Advanced learners are encouraged to take up challenging tasks like presenting papers and PPTs in seminars and assisting the teachers in research. Scribes are arranged for visually challenged students at the time of examination. Audio books and books in Braille script are kept available for the visually challenged.

Academic calendar is designed and disseminated to the students in the beginning of the academic year. Semester wise academic plan is prepared. Teaching notes and teaching dairies are maintained by all the faculty members. The syllabus and teaching plan are announced in advance to the students.

Besides the traditional practice of lecture method, other methods of teaching/ learning are used in class room. They include seminars, group discussion, guest lectures, MANA TV lessons, power point presentations, use of

ICT, book reviews, field trips, industrial visits, hands on experiences. etc. Study material is supplied to all the students in hard as well as soft copies. Students have access to e-books and e-journals. The state government allots separate budget for procurement of books for SC & ST students.

The quality of teaching-learning is continuously monitored at various levels. The respective Faculty in-charges and the Principal ensure that the classes are regularly engaged and quality inputs are delivered to the students. The teaching diaries of the faculty are reviewed at two levels, first by the faculty in-charge and then by the Principal, in the first week of every month. The Academic Council monitors the performance of the individual teachers based on the results in the examinations. At the end of each academic year, the IQAC evaluates the teachers performance through the appraisal forms filled by the students. All the appraisal forms are systematically analyzed and the deficiencies, if any, are brought to the notice of the teachers for rectification.

Annual academic audit is conducted by the CCE and the performance reports are submitted to the Government. In addition, the College Management conducts internal academic audit of all the departments, to evaluate the performance of the faculty members.

The College has 78 qualified and competent teachers out of which 49 are men, and 29 are women; **20 Ph.Ds.**, **12 M.Phils.**, 17 NET/SLET qualified. Seven faculty members have been in active research and working for their doctorates.

ANUR, affiliating University conferred research guideship for eight faculty members for guiding M.Phil., and Ph.D., 16 staff members attended the Orientation courses, 19 Refresher Courses, 40 Faculty members attended staff development programmes and 15 faculty members attended other training programs outside the college during the current assessment period.

30: 70 Internal and External Weightage is followed at UG level. Two Mid semesters are conducted and average of the two is taken to award 15 Marks for the internal assessment component. The other 15 marks are earmarked for assignments, class seminars, Quiz/ group discussion etc. End semester examination paper setting and evaluation is completely external.

Choice Based Credit System (CBCS) is followed at UG level which facilitates the student's flexibility in choosing the elective subjects and also activities of their choice.

During BOS meeting learning outcomes are described for every paper and every course. The institution monitors the learning outcomes based on the local industrial needs and the components of teaching and learning like employability, vertical and horizontal mobility. Continuous internal assessment programme is designed to monitor achievement of learning objectives.

Criterion III:

The institution has a research committee with the Principal as chairperson, one senior faculty as coordinator and a few other members. The committee encourages the faculty to take up research projects – MRPs, FDPs, Doctoral and Postdoctoral research and conduct of seminars, workshops and Symposia. The research committee encourages faculty to become Google scholars. It provides information to the faculty about the available research grants and notifications through PRGC whatsapp forum. Two of our faculty members visited advanced countries for presenting research paper and for vocational leadership training.

The committee also focuses on development of research infrastructure with the available funds or with the support of NRIs and other philanthropists.

20% of the budget is earmarked for research promotion. During the past four years special projects of UGC viz., Basic Scientific Research and College

with Potential for Excellence grants were utilised for the promotion of research on the campus. The students are encouraged to showcase their innovative ideas in the form of projects and the same are exhibited on Science day every year. The exhibition is open to all students in the town. An amount on nearly 1,00,000/- is spent for the purpose and the money is allotted from Special fee funds and the college also gets financial assistance from APCOST and our faculty.

The research activities of the faculty and students are strengthened by making available the labs, infrastructure, standard reference books, research journals, internet and INFLIBNET facility. The Science faculty members have been offering their services at district/state level science fares, children's science congress as adjudicators. Some of our faculty members have been offering their services to State Public Service Commission, Common Entrance Tests as subject experts and paper setters. They are also members of various boards of studies of Affiliating University and other Autonomous colleges.

Three faculty members are consultants for Salt Pan Sector of UNDP-EGREE foundation .Amount earned by the college for the consultancy is Rs. 45,000/-

The college undertakes several extension activities every year involving the faculty and the students with the support of NSS, NCC, Red Ribbon Club, Lead India, Health club, Youth Red Cross, Science Association, Women Empowerment Cell, Language association, ECO club, consumer club. Major activities include Swacha Bharath, Blood donation camps, Tree plantation, water conservation, AIDS awareness, Health Camps, awareness on cash less transactions (DIGIDHAN), Mosquito Menace, Anti ragging and Rubella vaccination to girl students. Important days are observed and extension lectures are arranged. All these activities are aimed at positive change in the student community and the society paving way for communal harmony, social

responsibility, National Integration and Leadership promotion. Health camps, Economic survey, awareness programs and swatch Bharath were taken up in the adopted villages.

Criterion IV:

The College is located in the heart of the city and it is situated in an area of 28 acres of land. The campus houses a century old heritage block, separate blocks for Physics, Botany, Commerce and Humanities departments. There is an administrative block. The college also has a separate Science Campus (7.6 acres) located nearby and it houses Zoology labs. Ours is a green campus and we tap solar energy. The college campus is under 24 x 7 surveillance of CC TV cameras. The college has well equipped labs and a central library with a collection of more than 80,000 books, a separate large reading room with a number of news papers and Journals. Issue and return process is operated with SOUL software. The students are issued bar coded ID cards. Reprographic facility is also provided to the users. The access to books is through OPAC.As a part of our all inclusive initiative, separate PCs are provided to the VH students with voice software (Kurzvel). A grant of Rupees 2 crores is allotted to our college under the 7th component of RUSA for procurement of e-learning equipment, construction of additional class rooms. A new block with 40 class rooms and library is being constructed near the administrative block. It will be ready for occupation in the next academic year. The alumni association of the college has constructed an auditorium with an estimated cost of Rs 1 crore. It is named after the major donor, Padmasree B.V.R.Mohan Reddy, alumnus and former chairman of NASSCOM. ICT teaching and learning is provided through e-class rooms. The library advisory committee meets periodically and takes decisions relating to approval of budget, review of the functioning of the library, felt needs of the users and other relevant matter. A women's hostel is located in our campus providing accommodation for our girl students.

A leased line with 20 MBPS from BSNL is an addition to the college during the assessment period for providing enhanced teaching/ learning opportunities to faculty and students. Wi-Fi facility is also available where ever is needed. The repairs and maintenance of computers is done through AMC. Number of nodes/computers with internet facility is 503. There are four servers. All departments are provided with PCs and internet facility. 50 Akash tabs were distributed to advanced learners (sponsored by MHRD). Two smart boards were acquired, 5 mobile KYON units (CPU, LCD integrated) are also available. The faculty have been given training in ICT enabled teaching learning and also content generation on MOOCS.

There is a separate committee for campus maintenance – maintenance of buildings, class rooms, labs, wash rooms and water supply, NCC cadets, NSS volunteers help the college in the maintenance of cleanliness, watering of plants and display of signage boards. College hires the services of plumber, electrician and painter for campus maintenance. The expenditure is met from college funds (Special fee and CPDC) and autonomous grants.

Criterion V:

The College has teacher councillor system. Every teacher is a student counsellor. The counsellors provide constant support and guidance to the students. It includes academic, career and psychological mentoring. Special counselling for girls is conducted through Women Empowerment Cell. Other support services include student welfare committee, appeal and grievance Redressal committee, placement and career guidance cell, Jawahar knowledge centre, anti- ragging committee, committee for people with special needs. The teacher counsellors monitor the academic performance of their wards, they hold review meeting and provide necessary counselling to the students. Their attendance details are displayed every month in the notice board, the irregular students are admonished and their parents are informed about this.

The college provides personality/ career development through Jawahar Knowledge centre and Equal opportunities centre. Certificate course in skill orientation are offered under TISS-JKC banner. The programme is useful to students in their holistic growth. Training is imparted in entrepreneurship skills, financial, legal literacy, and youth leadership modules.

The College publishes its updated prospectus and handbook annually. The handbook/calendar contains details of scholarships available, library rules, examination rules, anti-ragging act, right to information act, endowment prizes, details of CBCS credit frame work.

The College encourages every eligible student to apply for various scholarships provided by the state and central Govt. During the academic year 2015-16, an amount of Rs. 44,21,830 was disbursed to 1688 students towards scholarships.

Meritorious sports persons are given preference in admissions. They are required to take only one mid-semester examination instead of two if they are in sports meet during exams. Track suits and other required accessories are also provided by the college. Extra credits are allotted for outstanding sportspersons.

The Jawahar Knowledge Centre of the college trains the students in employable skills and coordinates the placement drives besides giving them placement training comprising 250-300 hours. It also conducts career awareness/planning workshops. The JKC success rate has been 55.57% with 1645 candidates getting placement opportunities. The College alumni association is committed for the development of the college and supports the students and administration in various ways. So far, the alumni association spent nearly one crore for college development. They renovated the heritage building by spending more than 10 lacs, additional class rooms were constructed with Rs.25 lacs, A spacious and prestigious auditorium is nearing completion. These gestures are in addition to the cash prizes, gold medals and scholarships.

The Grievance Redressal cell addresses the grievances such as extension of examination dates, improvement of facilities such as drinking water, toilets etc. In order to prevent ragging, anti-ragging posters are displayed at prominent places and meetings are conducted with senior police and judicial officers. Salient features of anti-ragging act are given wide publicity and printed in the college calendar.

The average pass percentage ranges from 70 to 83 for B.A, 70.45 to 77.04 for B.Sc and 72 to 98 for B.Com for the last five years.

Every year students participate in State level inter university competitions; South Zone competitions and All India Inter University Competitions. The college provides training facilities in the following games and sports. The indoor and outdoor stadiums are nearing completion.

Men	Women
1. Foot Ball	1. Hockey
2. Hockey	2. Volley Ball
3. Cricket	3. Hand Ball
4. Volley Ball	4. Hand Ball
5. Basket Ball	5. Chess
6. Basket Ball	6. Shuttle
7. Chess	7. All Sports
8. Shuttle	8. Weight Lifting
9. Kho-Kho	
10. Kabadi	
11. All Sports	
12. Weight Lifting	
13. Hand Ball	

Our students excelled in competitions conducted by NCC at National Level

NAVAL NCC Wing cadets clinched three gold medals and one silver medal in the competitions held at Nav sainik camp. The camp was held at CARWAR (Karnataka-Goa) during 16-26 October, 2015.

The 9 (Andhra Air Sqn Tech) NCC has won the best technical Air NCC

Sqn during the all India Vayu Sainik camp held at Jodhpur. The group captain sent a letter of appreciation to the principal and the students.

RD participation:

Three NCC –Army wing students of the college participated in Republic day parade at New Delhi on 26th Jan 2015 and one cadet participated in Republic day parade in 2012.

Scholarships for NCC students:

10 cadets of 9(A) wing were selected for CWS scholarships which were distributed by group captain L.V.S. Sudhamsha on 25th August, 2015 Each cadet was given Rs.6000/-.

Around 45 endowment prizes are instituted and they are presented on College Day/ Graduation Day. Dept of Physics assists the poor and meritorious students to pay examination fee through a scheme called UPKAR. An amount of Rs 1.25 lakh was distributed to about 125 students. Free Lunch is provided to poor students through local Philanthropic and endowment organizations such as Kakinada Annadhana Samajam, Pynda's Choultry and Mutta's Choultry.

Criterion VI:

This College is an autonomous institution governed by the Govt. of Andhra Pradesh. The Commissioner of Collegiate Education is the Chairperson of the Governing body of the institution. The Governing body resolves on the recommendations of the finance committee and academic council. The Principal as the head of the intuition coordinates and monitors the academic and administrative functions of the college and acts as the Chief Controller of Examinations. The Principal as secretary of the governing body presents the recommendations of the finance committee of the college in relation to the fee structure, autonomous funds utilization, state government budget grant utilisation etc. He holds staff council meetings regularly to discuss all academic and administrative matters. He also seeks feedback and suggestions from the

faculty.

The Board Of Studies constituted according to the guidelines laid down by the UGC, meet once in a year to discuss additions and deletions in the syllabi and also annual action plan of the departments. The Academic Council reviews and approves the recommendations of the Boards Of Studies.

The finance committee with the Principal as the Chairperson is an advisory body to the Governing body in matters pertaining to finance.

The IQAC of the college develops a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the college. It promotes measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. The Vice-Principal assists the Principal in general administration, student discipline and class work monitoring.

The controller of examinations leads the examination office. He ensures the smooth and effective functioning of the examination unit. The Faculty incharges of the departments ensure that the syllabi for various courses are updated and teaching-learning-evaluation processes meet the required standards. The functional committees perform specific functions assigned to them.

The Administrative Officer is responsible for the functioning of administrative unit. The Administrative office of the college, runs under the leadership and guidance of the Principal. The College ensures a system of participative management whereby information flow and decision making processes are systematized and channeled through all key constituents of the college..

Extension activities like organizing awareness programmes on cashless transactions, plantation programmes, Swacch Bharat, construction of toilets, organ donation, energy conservation, water conservation etc contribute to

National development. Introduction of skill development courses also contribute to National development..

The College imparts good communication skills and technical skills to raise the competency of the students to grab global opportunities. Certificate courses in cyber security, data analytics, Environment audit, solar power installation, and B.Voc course in web designing are being offered to provide them a winning edge. Human values and Professional ethics are taught to make the students better citizens and human beings.

The college extensively makes use of technology in its teaching, learning and evaluation processes and administrative system. Examination wing uses computers to generate hall tickets, barcode sheets, results etc. Library automation software is used for day to day transaction of the library. All the books are bar-coded. Students and faculty are given wide and ready access to e-resources through free internet. ICT enabled class rooms are spread across the campus for teaching. Smart class rooms promote the use of technology.

In its quest for excellence, the college is increasing the number of class rooms, constructing new library building, indoor stadium, outdoor stadium, more e-class rooms, organizing faculty development programmes, establishing research laboratories, involving industries in curriculum design, involving the students in extension programmes. These initiatives resulted in the award of CPE status under XI plan.

The Commissioner of Collegiate Education conducts academic audit every year, senior faculty members from other colleges conduct the audit. The Regional joint director makes surprise visits to assess the working of the college and office. The Internal quality assurance cell has been instrumental in building the quality culture of the college by institutionalizing quality assurance strategies and processes. Every month the Principal checks the attendance registers, academic records, teaching diaries and posts suggestions for

improvement. The IQAC is chaired by the Principal and coordinated by a senior faculty member.

CRITERION VII:

The college has a lush green campus spreading over 35.6 acres (both the campuses included) with age old banyan trees. There is a number of shade giving trees. Three botanical gardens are there with different species of plants including medicinal plants. The college has taken a number of initiatives to make the campus eco friendly. First Saturday of every month is observed as vehicle free day. Fuel conservation and water conservation awareness programmes are conducted with the cooperation of HPCL and NIH. Solar panels are used for campus lighting. Physics laboratories and Principal's office use solar power. Power consumption is minimized by using a N-computing systems by which 5 monitors can be run with one CPU.

A bare minimum number of air conditioners and refrigerators are used to reduce emission of green house gases and also as a power saving measure.

There are several best practices which include involving Alumni for college development, Earn while you learn scheme for students, Financial help to the poor students by helping hands and UPKAR scheme, group insurance cover to all the students, providing mid day meal to poor students through external endowment agencies, endowment prizes/ cash awards and gold medals instituted by the alumni, regular conduct of seminars and workshops etc.,

The college is a public funded institution with affordable fee structure. It caters to the needs of the disadvantaged sections of the society with all inclusive policies. It has a great vision. All the stakeholders of this institution which was established in colonial times desire to see this temple of learning as one of the academic and cultural icons of India. All our efforts stand testimony to this great endeavor.

SWOC ANALYSIS

I. Strengths:

- 1. The college is one of the oldest premier institutions in south India. It has produced a galaxy of eminent men and women.
- 2. It's a green campus, located in the heart of the city having an area of 35.6 acres of land.
- 3. The college has a strong alumni association Pithapur Rajah's Government College Old Students Association (PRGCOSA) recently constructed additional class rooms and open air auditorium.
- 4. The College has been serving disadvantaged sections of the society empowering them with values, knowledge and skills.
- 5. The college has 2(f) & 12(b) status and has been tapping every eligible grant from funding agencies strengthening infrastructure.
- 6. The college has committed and well qualified faculty with several doctorates.
- 7. Gradual and progressive increase in new programs and student strength.
- 8. Automated library provided with INFLIBNET facility.
- 9. The only government college in India offering 03 B.Voc and 01 Community College Program.
- 10. The college tapped major research grants from BARC & DST.
- 11. A good number of collaborations with local laboratories & Industries.
- 12. About 1700 students got placements in MNCs/ public sector through JKC platform.

II. Weakness

- 1. As the college is a government institution, the faculty and support staff are periodically transferred which may affect the stability of the institution.
- 2. There is a constraint in introducing more restructured courses or increase the fee to ensure better quality and performance as most of our students are economically poor.

III. Opportunity:

- 1. There is scope for introduction of new P.G. programs as the campus is very big.
- 2. The research activity can be strengthened with the conferment of research centre by affiliating University and allotment of research scholars to the Doctorate faculty members.
- 3. Introduction of many more Skill Development programmes related to local needs at U.G level.
- 4. We can seek the support of the alumni who are spread across the globe in the form of expertise, advice and financial support.

IV. Challenges:

- 1. Facing a stiff competition with the corporate colleges who lure the students will tall promises and flexible fee payment options.
- 2. It is a challenging task motivating our students and parents who are from weak socioeconomic background. Most of our students are first generation learners.

Profile of the College

1. Name and Address of the College:

Name:	PITHAPUR COLLEGE (A)	RAJAH'S UTONOMOUS)	GOVERNMENT
	,		
Address:	RAJARAM M	OHAN ROY RO	OAD,
	NEAR GOVE KAKINADA, EAST GODAV		NERAL HOSPITAL,
City:	KAKINADA		
Pin:	533001		
State:	ANDHRA PRA	ADESH	
Website:	www.prgc.	ac.in	

2. For communication:

Designation	Name	Mobile	Email
Principal	Dr C. KRISHNA	9440093239 0884- 2387888	geokrishna1@yaho o.co.in
Vice Principal	K.ANJANEYULU	9703897999	anjaneyulu.k@gma il.com
Steering Committee Co-Ordinator	Dr. V ANANTHA LAKSHMI	9963786386	ananthamaths@red iffmail.com

- 3. Status of the Autonomous College by management: Government
- 4. Name of University to which the College is Affiliated: **AdiKavi Nannaya University**

5.		a.	Dat	e of e	stablishm	ent, prior to	the grant of 'Autonomy' 1884
		b.	Dat	e of g	rant of 'A	autonomy' 1	to the College by UGC: May, 2000
6.	Ту	pe o	of Ins	stitutio	on:		
	a.	i. ii.	For	der Men Wom educa			$\sqrt{}$
	b.	i. ii.	Shif Reg Day . Eve	gular			$\sqrt{}$
	c.	i	i. i.	Gran Self-	ernment it-in-aid financing	lease specif	√ Ey)
7.	It i	is a		_	d minori	ty institutio	on?
			Yes				
					e minorit ry eviden		Religious/linguistic/ any other) and
8.	a.	De	tails	of U	GC recog	nition:	
	Uno	der S	Section	on	Date, Moi (dd-mm-y	nth & Year (yyy)	Remarks(If any)
	i. 2	(f)			1956		College Code: 1028, year 1956
	ii. 1	2 (B	3)		1956		College Code: 1028, year 1956

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/	Day, Month and Year (dd-		Programme/	
clause	mm-yyyy)	Validity	institution	Remarks
i.	NA	NA	NA	NA
ii.	NA	NA	NA	NA
iii.	NA	NA	NA	NA
iv.	NA	NA	NA	NA

9.

9.		s the college recognized By UGC as a College with Potent	tial for	Excellence (CPE)?
		YES NO If yes, date of recognition: Augus	$\frac{}{\text{st } 2010}$	
	b.	For its contributions / performance Yes No	ce by ar	ny other governmental agency?
		If yes, Name of the agency Date of recognition:		
10.	. Lo	cation of the campus and area Location * Campus area in sq. mts. or acres	:	Urban 35.6 acres
		Built up area in sq. mts.	:	94834 sqft
(* U1	rban, Semi-urban, Rural, Tribal, Hilly	Area, A	Any others specify)
11.	ava	pes the College have the following ailable facility)? In case the College in using such facilities provered under the agreement.	llege h	as an agreement with other
•	Au	ditorium/seminar complex $\sqrt{}$		
•	Sp	orts facilities		

Hostel Boys' hostels $\sqrt{}$ Girls' hostels Residential facilities for teaching staff for non teaching staff Cafeteria Health centre -First aid facility Inpatient facility Outpatient facility Ambulance facility Emergency care facility Health centre staff -Qualified doctor Full time Part-time Qualified Nurse Full time Part-time Other facilities Bank **ATM** post office book shops Transport facilities for students

for staff

Waste management facility

Power house

12. Details of programmes offered by the institution : (Give data for current academic year)

SI. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
1	UG	B.A.	3 Years	Intermediate	Telugu/ English	130	138
		B.Sc.	3 Years	Intermediate	Telugu/ English	450	534
		B.Com	3Years	Intermediate	Telugu/ English	150	197
2	PG	M.Sc Organic Chemistry	2 Years	B.Sc with Chemistry	English	30	5
	X.	M.Sc.Math ematics	2 Years	B.Sc. with Mathematics	English	30	
		M.Sc. Zoology	2 Years	B.Sc. with Zoology	English	30	4
	N.	M.Com	2 Years	B.Com.	English	30	
3	Certificate	Cyber Security	3 Sem	Intermediate	English	30	10
		Data Analytics	3 sem	Intermediate	English	30	10
	X	TISS_JKC	3 years	Intermediate	English	-	258
4	Diploma	Community College	2 years	Intermediate	English	50	7
	COP	Env. Audit	1 year	Intermediate	English	30	
6	Any Other	B.Voc courses	3 years	Intermediate	English	130	38

		ACADI	EMIC	YEAR 20	16-17		
	Name of	Mediun			AL STREN	GTH	
	the course/su			IYEAR	II YEAR	III YEAR	
S.NO	bject	E/T/Urd	u	TOTAL	TOTAL	TOTAL	TOTAL
DEGRE	E - GROUP			497	400		
1	B.Sc(MPC)	85	T	63	60	57	18
2	B.Sc(MPC)		E	38	34	33	10
3	B.SC(MPE)	85	E	41	29	29	9
4	B.SC(MPCs)		E	41	32	28	10
5	B.Sc(MECs)	89	E	35	26	28	8
6	B.Sc(MSCs)		E	43	30	30	10
7	B.SC(MCPc)	65	E	36	29	20	8
8	B.SC(MCCs)		E	39	35	29	10
9	B.SC(MAS)	5% 85	E	33	21	22	
10	B.SC(Biotech)		E	29	21	18	(
11	B.SC(MicroBi	0)	Е	32	29	12	85
12	B.Sc(Food Science) B.SC(BZC)		E	16	8	0	1
13			T	49	46	40	1;
14	B.SC(BZC)		E	39	31	26	(
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 20		534	431	372	133
15	BA(HEP)		T	33	33	30	(
16	BA(EEP)	35	E	31	14	17	(
17	BA(THP)		Т	32	18	28	
18	BA(HEPhil)	85	Т	20	16	12	- 1
19	BA(HEP)		E	22	2	18	
	8 722 S			138	83	105	32
20	B.Com(Gen)		T	72	66	67	20
21	B.Com(Gen)		Е	39	35	34	10
22	B.Com(CECs)		E	39	36	29	10
23	B.Com(CA)		E	47	42	37	12
				197	179	167	54
24	B.Voc- CA		E	31	24	32	
25	B.Voc-R.M		E	0	39	43	
26	B.Voc- Web T	ech	Е	7	8	0	
27	Adv.Diploma-	ATP	E	7	14	0	2
	(A) (B)	58		45	85	75	20
				914	778	719	241

13. Does t	he insti	tution offer self-finar	nced Programmes?
	Yes	$\sqrt{}$	No
	If yes,	how many? 7	
		programmes have b	een introduced during the last five
years?	Yes	$\sqrt{}$	No
	If yes,	how many? 11	

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Particulars	Number	Number of Students
Science		
Under Graduate		
Mathematics & Statistics, Physics &		
Electronics, Chemistry &		
Petrochemicals, Computer Science,		
Botany & Microbiology, Zoology &		
Biotechnology,	6	1337
Post Graduate		
Chemistry, Mathematics and		
Zoology	3	42
Research centre(s)		
Arts		
Under Graduate		
English, Telugu, Hindi, Sanskrit,		
History, Economics, Political Science		
and Philosophy	8	326
Post Graduate	-	-
Research centre(s)	-	-
Commerce		
Under Graduate	1	543
Post Graduate	1	7

Research centre(s)	-	-
Any Other (please specify)B.Voc& Community College		
Under Graduate	4	205
Post Graduate		
Research centre(s)		

16. Are th	iere a	ny l	UG and/	or PG	programmes	offered	by	the (College,
which	are	not	covered	under	Autonomous	status	of	UGC	? Give
details									

All the UG programmes are covered under Autonomous Status. However No P.G Course is under Autonomous System.

No P.G Course is under Autonomous System.
7. Number of Programmes offered under (Programme means a degree course like BA, MA, B.Sc, M.Sc., B.Com., etc.)
❖ Annual system
❖ Semester system
❖ Trimester system8. Number of Programmes with
Choice Based Credit System
❖ Inter/Multidisciplinary Approach
Any other (specify) 9. Unit Cost of Education (Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled) (a) including the salary component Rs.21,875/-
(b) (b) excluding the salary component Rs.1,912/-
20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education?
Yes No √ If yes, How many years of standing does the department have? years

NCTE recognition details (if applicable) Notification No.:

D	Oate: (dd/mm/yyyy)
Is	s the department opting for assessi	ment and accreditation separately?
	Yes	No
of	3	g department of Physical Education degree programmes in Physical
	Yes If yes,	No
	How many years of standing does	s the department have? years
	NCTE recognition details (if app	licable) Notification No.:
	Date:	(dd/mm/yyyy)
	Is the department opting for asses	ssment and accreditation separately?
22. v	Whether the College is offering pr	ofessional programme?
	Yes No	$\sqrt{}$
	If yes, please enclose approva statutory body governing the programme to the programme of t	l / recognition details issued by the gramme.
23. H fu	Ias the College been reviewed urnish a copy of the report and a	by any regulatory authority? If so action taken there upon.
	Autonomous Review Committee	e visited the college and extended the

24. Number of teaching and non-teaching positions in the College

Positions		Teaching faculty					Non-		Techr	
	Profes	ssor	Asso	Associate Ass		stant	teaching		sta	ff
			Profe	essor	Profe	essor	staff			
	M	F	M	F	M	F	M	F	M	F
Sanctioned by the										
UGC / University /										
State Government										
Teaching-78										
Regular-32, contract-					49	29			_	_
18, Guest-28					13					
Non-Teaching-55										
Regular-28,										
Temporary-15							32	11		

^{*}M - Male *F - Female

25. Qualifications of the teaching staff

25. Qualifications of the teaching staff										
			Ass	sociate	As	sistant				
Highest	Pro	ofessor	Pro	ofessor	Pro	ofessor	Total			
qualification	Male	Female	Male	Female	Male	Female	10141			
Permanent teachers										
D.Sc./D.Litt.										
Ph.D.					9	4	13			
M.Phil.					10		10			
PG					9		09			
Contract teach	ners									
Ph.D.					4	1	5			
M.Phil.					2	0	2			
PG					6	5	11			
Guest teache	ers									
Ph.D.					2	-	2			
M.Phil.										
PG					7	19	26			
TOTAL					49	29	78			

26	.]	Numbe	r of	Visiting	Faculty	/ Guest	Faculty	engaged	by	the	College.

Guest Faculty:-28

27. Students enrolled in the College during the current academic year, with the following details:

Students	U	G	P	G	Integra Mast			Phil.	Ph.	D.	Integ d Ph		-00%	.itt./ Sc.	Certif e	ficat	Dipi	loma	Pipl Dipl	
	M	F	М	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F
From the state where the College is located	1408	951	24	25	5 5	21		-	-	78	- S		7.0	Fil.			17	4		
From other states of India	26	5																		
NRI students	NIL							82 - 33 83 - 33		8	80 - 5 80 - 9					- 3		0 3		45
Foreign students	NIL																			
Total	1434	956	24	25				30 - 60 30 - 60		8	59 - 3		¥ /		x - 3		17	4		bX

						3 V		W 5					a=0(0)			2
28. Dropo	ut rate i	n UG	and	PG (avei	rage	e fo	r th	ie las	st tw	o b	atc	hes	s)		
UG		5%		P	G	3	%									
29. Numb	er of wo	rking	g days	duri	ing 1	the	las	t ac	aden	nic y	year		22	20		
30. Numb	er of tea	ching	g days	s dur	ing	the	las	t ac	ader	nic y	year	13	80)		
31. Is the	Colleg									for	of	fer	ing	g d	lista	ance
If yes, p	Yes rovide th	ie		N	Го											
a.	Name o	of the	Unive	ersity												
					dhra RAO		iveı	rsity								
b.	Is it rec Yes	ogniz	ed by		Dista Io	nce	Ed	luca	tion	Cou	ncil	?				
c.	Indicate	e the r	numbe	er of p	orog	ram	nme	s of	fered	l						

32. Provide Teacher-student ratio for each of the programme/course offered

Program wise Teacher Student Ratio							
Name of th Program	Teacher Student Ratio						
B.A.	1:27						
B.Com	1:49						
B.Sc	1:30						
B.Voc	1:50						
Community College	1:10						

11	
Accreditation:	
Cycle 1	
Cycle 2	
Cycle 2	
Cycle 3	$\left[\sqrt{} \right]$
Cycle 4	
Cycle 4	
Re-Assessment:	

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and reassessment only)

 $Cycle \quad 1: \quad 08/01/2003, \quad 83\%, \quad B++(\text{dd/mm/yyyy}) \quad Accreditation \\ outcome/results$

 $Cycle \ 2: \ 30/11/2011, \ B \ Grade \ (2.78) \ (dd/mm/yyyy) \ Accreditation outcome/results$

Kindly enclose copy of accreditation certificate(s) and $peer team \ report(s)$

35.

- **a.** Date of establishment of Internal Quality Assurance Cell (IQAC) 2004-2005
- **b.** Dates of submission of Annual Quality Assurance Reports (AQARs).
- (i) AQAR for year 2015-16 on **15/09/2016**
- (ii) AQAR for year 2014-15 on **21/11/2015**
- (iii) AQAR for year 2013-14 on **04/12/2014**
- (iv) AQAR for year 2012-13 on 30/07/2013
- (v) AQAR for year 2011-12 on **30/08/2012**

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How are the institutional vision / mission reflected in the academic programmes of the College?

VISION

➤ To provide the right academic environment paving way for intellectual excellence, humane feelings and social commitment. The college believes in providing quality education for the socially disadvantaged, economically weaker sections of the society and thereby help them move up the ladder of success and social order.

MISSION

- > To impart holistic education with special emphasis on character, culture, updated knowledge and skill oriented learning.
- > To make the students enjoy the fruits of globalization without prejudice to their local and cultural environment.
- ➤ To develop entrepreneurial skills and vocational training and make the students self-reliant.
- ➤ To impart necessary life skills so as to make them face any challenge in the bigger world Social, ethical, psychological or professional.

The **Mission** of the college is summarized as follows:

- 1. Extend the best student support by making them comprehensive and involving in curriculum formation relevant to student community and society at large.
- 2. Take steps to make education affordable and accessible by extending scholarships to meritorious and economically disadvantaged students.
- 3. Mould the teachers in such a way that they are the role models in promoting Higher education.

Computer Combination Courses:-

The College believes that any society will develop only through human resource development by imparting quality and skill based education. Any academic programme shall cater to the needs of the society and the Nation. As computer literacy is a sine-qua-non for any employment, the college introduced programmes with computer combination. Computer Education is made compulsory for Non Computer Combinations and is being imparted as foundation course.

Courses with Computers as one the three majors:-

S.N o.	Combination	Year of Introduction
1	Mathematics, Electronics, Computer Science	1997-98
2	Mathematics, Physics, Computer Science	2008-09
3	Mathematics, Statistics, Computer Science	2008-09
4	B.Com (Computer Applications)	2008-09
5	Mathematics, Chemistry, Computer Science	2010-11
6	Commerce, Economics, and Computer science	2013-14

Focus on Skill Orientation:

At present, India has 50% of the population under the age of 30 years. The country is facing a demand-supply mismatch, as the economy needs more 'skilled' workforce and also the managers and entrepreneurs than created annually. There is a worldwide shift from conventional education system to competence based qualification system. Keeping this in view, the college introduced three B.Voc courses and one community college course to impart skill oriented education with involvement of the industry to make the students industry - ready.

UGC Assisted Courses: (XII Plan)/ B.Voc and Community College

S.	Programme	Year of introduction
No.		
1	B.Voc. Commercial Aquaculture	2014-15
2	B.Voc Retail Management	2014-15
3	B.Voc Web Technology and	2015-16
	multimedia	
4	Community College Course	2015-16
	Analytical Techniques in	
	Pharmaceuticals	

TISS-JKC programme:/Fostering global competencies

Tata Institute of Social Sciences, Mumbai and JKC are jointly organizing an add on course to impart various skills (Communication, Entrepreneurship, Youth leadership, Legal awareness, Financial literacy and Technical skills.) 258 students are enrolled for this skill orientation course.



Prof. Satyajit Majumdar, TISS-Mumbai at the inaugural session of JKC_TISS Phase-I ToT Program on 11th February 2016.



TISS_JKC Trainer of our college taking class for the students of the college enrolled for the Program

A. P. State Skill Development Corporation programmes:

S.No.	Programme	Year of introduction	Department
1	Certificate course in Cyber security	2015-16	Dept of Computer Science & Applications
2	Certificate course in Data Analytics	2015-16	Dept of Mathematics & Statistics

Andhra Pradesh State Skill Development Corporation (APSSDC) introduced Cyber security and Data Analytics which are highly employable courses are also being organized. The College entered into a MoU with NASSCOM for imparting training for these programmes.



Former Principal of the college receiving letter of MoU from NASSCOM authorities

Diploma/Certificate Courses:

SPSS
 Solar power design and system integration
 Environmental Audit
 Computer Applications
 Dept. of Mathematics
 Dept. of Physics
 Dept. of Chemistry
 Dept of Comp Science

Some more consideration in designing the curriculum:

The CBCS system further enhanced the freedom of the Autonomous Colleges to offer courses with relevance to the present day needs and trends. The College offers as many as 17 general electives, core electives and skill based electives of its own choice. General electives are allotted as per merit among the opted candidates.

List of General electives:-

	General elec		TP'41 C41	N
S. No	Stream	Department	Title of the general	Max.
			elective	no.of
				seats
1.	Maths	Mathematics	Mathematics for	60
	stream		competitive examinations	
2.		Physics	Electrical & Electronic	40
			Appliances	
3.		Chemistry	Chemistry in everyday life	40
4				40
4.		Comp. Science	Office Automation Tools	40
5.	Biology	Botany	Mushroom Cultivation	40
	stream			
6.	201 20111	Zoology	Disaster Management	40
7.		Biochemistry	Bio-chemical Techniques	40
8.	Commerc	Commerce	Retail Marketing	40
	e stream			
9.	Arts	History	History of Modern India	40
10.	stream	Economics	Theory of Cooperative	40
			Credit System	
11.		Political Science	Indian Constitution &	40
			Politics	
12.		Philosophy	Philosophy of Religion	40
13.	Second	Telugu	Pathrika Rachana	40
14.	language	Hindi	PrayojanMulak Hindi	40
15	15. Sanskrit		VadataSamskrkutham	40
13.		Ballskill	(Functional Sanskrit)	10
16.	General	English	Functional English (For all	40
10.		Lugusu	_	40
4 =	stream	NCC	Students)	40
17.		N.C.C.	NCC Curriculum (For NCC	40
			students only)	

- The Department of Telugu has introduced major lessons on topics dealing with the issues of women and dalits in order to sensitize students and make them sympathetic towards these vulnerable sections of the society
- > The College lays emphasis on inculcating values in students. It is

- integrated into the Foundation Courses under the CBCS. A pass in this course is mandatory for students to be eligible for the award of Degree.
- A course on Contemporary India is made compulsory for all the firstyear students as part of the Foundation Courses. This course exposes students to the rich and varied traditions and cultures of our Country and infuses social values pertaining to the present-day society.
- Similarly, a compulsory course on "Science and Technology" is part of the Foundation Course, which instills a scientific temperament in the young minds, removing superstitions. It also enables them to remain humane and civilized citizens in the midst of rapid technological advances.

1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details on the process. (Need Assessment, Feedback, etc)

- ➤ The College aims at developing curriculum that provides a base for a broad and all round education that integrates academic excellence, skill orientation, and other life coping skills.
- Designing the curriculum/syllabi involves collecting feedback from various quarters (faculty, subject experts, industry experts, students and alumni) and in fact, it is a continuous process. Opinions of subject experts, Industrialists, Scientists who visit the college during Symposia, National seminars for delivering expert lectures are also taken into consideration while designing the curriculum.
- The curriculum is designed keeping in view the UGC model curriculum, and the curriculum recommended by the affiliating University. Some topics of global/local importance and also of subject specific importance are included which are also useful for facing competitive examinations. After elaborate discussion on the contents and organization of the syllabus in the respective Board of studies the proposals are submitted to the Academic Council.
- Analysis of the surrounding educational environment is a key feature of curriculum development by the College. Before a program is designed, the needs of the learners and society are ascertained.
- ➤ In the development of curricula, faculties specify clearly the aims as well as the learning outcomes of the program. This will facilitate the identification of specific outcomes for various courses and modules in the program. The learning outcomes are aligned to assessment and should include knowledge and understanding of the subject, cognitive skills, core professional skills as well as personal attitude and generic skills.

- Curricula are made learner-centered and describe content, skills to be mastered, teaching methods and learning activities, forms of assessment, course tests and other teaching materials.
- All graduate curricula require learners to undertake Project Work and write a dissertation or thesis as part of the study program.
- After the curriculum is developed by the concerned department, looking into the above-listed considerations, it will be presented to the Board of Studies for approval. The Board of Studies is constituted not only with the faculty of the department and external experts but also with representatives of the industry and meritorious alumni. The curriculum is thoroughly discussed. With the modifications suggested by the industrial experts and other experts, it will be recommended for ratification by the Academic Council along with business case plan which will be discussed in the Academic Council and ratified and the curriculum comes into force.

1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?

- The Boards of Studies which approve the curricula have representatives from the industry, university, other colleges and meritorious alumni. They get actively involved in the discussions in the design and development of the curriculum. The suggestions and comments of the alumni that are pursuing their higher degrees will cater to the smooth transition for the vertical mobility of the learners.
- Interaction with the eminent personalities during industry visits, research laboratories, alumni meet also help in evolving strategies to introduce new programmes which are need based and immense employment potential. B.Voc course in Commercial aqua culture, and community college course in "Analytical Techniques in Pharmaceuticals" are as a result of such interactions.

Industries/Research Institutes involved:

1	SAR Chandra Environ Solutions Ltd,	Dept. of Chemistry
	NFCL, Hetero Drugs, Reliance	
	Industry, NIH	
2	Andhra Electronics	Dept. of Physics
3	Dr. M.S. Swaminadhan Research	Dept. of Botany &
	foundation, Artos Breweries, Regional	Microbiology
	Biological Control Lab	
4	CIFT,SIFT	Dept. of Zoology

1.1.4. How are the following aspects ensured through curriculum design and development?

Employability:

- Two B.Voc. Programs (Commercial Aquaculture, and Retail Management) were introduced w.e.f. the academic year 2014-15 to cater the local needs and to enhance the employability. To cater to the needs of the pharmaceutical industry, an advanced diploma course "Analytical techniques in Pharmaceuticals "was also commenced from 2015-16. A third B.Voc course "Web technology and multimedia" was also started from 2015-16.
- Besides those UGC programmes, the College also offers APSSDC add on courses Cyber Security and Data Analytics under MOU with NASSCOM. The Tata Institute of Social Sciences, Mumbai and JKC of the College impart training in life coping skills, (Entrepreneurship, Youth leadership, Financial literacy, Legal awareness, Communication and Technical skills) which are aimed at enhancing the employability of the students.
- Mushroom cultivation, Microalgal Culture, *Azolla* cultivation offered by Dept. of Botany, helps students with agriculture back ground to stand on their own legs.
- Solar power design and system integration an add on course offered by Physics department prepares the students for servicing and installation of solar panels.
- Electrical and Electronic appliances- a general elective course offered by Physics department trains the students in the repair of electrical and electronic appliances.
- Embedded systems, microprocessor and micro controllers are in the curriculum which addresses the problems of computer hardware.
- ➤ Training in Analytical skills, technical skills and Communication skills imparted by Jawahar Knowledge Centre of the College improved the prospects for Campus selections by multinational companies and various corporate sectors.
- Department of Chemistry offers a course in Petrochemicals which has immense employment potential as ONGC and Reliance operate from this soil.
- Besides the above subject orientation, hands on training is imparted through SIFT, CIFT, Fortunee laboratories etc in instrumentation.

Innovation:

The College Encourages innovation through:

- Mandatory Value added courses / Training to the students
- > Addition of innovative laboratory experiments to improve problem

- solving abilities
- Mini projects developing innovation as part of laboratory courses
- Flexibility to choose subjects through open electives, subject electives and skill based electives enhancing analytical ability, innovative thinking and creativity.
- Participation of students in National seminars, workshops and inter collegiate competition is encouraged. Students present posters at Indian Science Congress guided by faculty.
- > Student's also encouraged designing website for college library use.
- Popen day is conducted on National Science Day in which students exhibit innovative projects and explain to the visitors.

Research:

- Work has been included for all the final year students, through which they are introduced to the fascinating world of research and to ensure scientific temperament, scientific thinking, and critical analysis. Students are also encouraged to present seminar papers in various regional and national seminars. Participation of students in National seminars, workshops and intercollegiate competition is encouraged. Students present posters at Indian Science Congress guided by faculty.
- Research laboratories are developed for Botany, Zoology, Chemistry and Physics departments. Students are also allowed to follow MRP work being carried out by faculty.

1.1.5. How does College ensure that the curriculums developed address the needs of the society and have relevance to the regional / national developmental needs?

- The College administration is aware of the survey on potential employment opportunities in various regions of the country.
- The regular feedback from alumni, employer, parents and other members representing the society are considered, to ensure that the curricula addresses the needs of the society and have relevance to the regional / national development. The curriculum is developed to promote global competencies via communication skills, soft skills, computer skills and latest technologies.
- It is also developed to impart values and also sensitize the students to environmental, ethical, social, regional and national issues. The conventional subjects are restructured to meet the local, regional and national needs.
- National Needs: Information Communication Technology, Digital India, Make in India

- **Regional Needs**: Computer literates, chemists, horticulturists, Aqua culturists.
- Social Needs: Ethical behavior in all aspects, Eco friendly environment, Swacch Bharat.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created a national impact?

The College takes cognizance of the guidelines published by the regulatory bodies like the University Grants Commission (UGC) by way of adopting its model curriculum on need basis. Similarly in the development of various curricula, the guidelines of A.P. State Council for Higher Education have been taken into consideration. All the Boards of Studies have been supplied with a copy of the UGC Model Curriculum to facilitate the baseline data for their deliberations in modifying the existing curricula.

1.2 Academic Flexibility

1.2.1 Give details on the following provisions with reference to academic flexibility

- a) Core / Elective options
 - 1. Degree Regular (Conventional and restructured)
 - 2. Need based and short term courses
 - 3. Certificate/Diploma/Advanced Diploma Courses in Career Oriented Programmes and Skill development programmes.
 - 4. 03 Vocational degree courses under NSQF scheme (B.Voc) programmes.
 - 5. 04 Post Graduate Courses under self financing
 - > Part-I: Language Core (28 Credits)
 - ✓ English
 - ✓ Telugu or Hindi or Sanskrit
 - ➤ Part II: Foundation Courses(Compulsory-08 Credits)
 - ✓ Introduction to Computers/Computer skills (I year)
 - ✓ Human values and professional ethics. (I year)
 - ✓ General Elective (II)
 - ✓ Environmental Studies (II year)
 - ✓ Analytical skills, Entrepreneurship skills
 - > Part III : Subject Core (92 Credits)
 - > Part IV: Extra 22 Credits: -
 - NCC, NSS, JKC, COP/Add. On sports, Cultural activities, Sports, Support Services, Community Service, Other Certificate courses.

b) Enrichment courses

To enrich the entire curriculum, certificate courses are offered to students, which enrich their existing knowledge in the area of their discipline.

Certificate Courses:/add on courses

- 1. Environmental audit
- 2. Solar power design and system installation
- 3. Retail marketing
- 4. Stock markets and investment
- 5. DTP
- 6. Cyber security
- 7. Data Analytics

c) Courses offered in modular form

The syllabi of all the departments are designed in such a way that they are offered in a modular form.

d) Credit transfer and accumulation facility

Credit transfer is ensured by giving equivalency to the papers studied by students when they wish to pursue the same course in some other college.

e) Lateral and vertical mobility within and across programmes and courses

Lateral mobility within the courses is ensured through the various General Electives offered. Vertical mobility within and across the programs and courses is ensured through the facility available for doing more number of electives offered by different departments.

1.2.2 Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediments.

There are no students from other countries pursuing U.G or P.G program in this college, and hence no courses were developed for such students.

1.2.3 Does the College offer dual degree and twinning programmes? If yes, give details.

No. Only certificate and degree courses are allowed simultaneously.

1.2.4 Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

All the PG courses are offered as self-financing .Admission is made as per the entrance test conducted by the affiliating university. University conducts counseling sessions and allots students to the college as per the option and merit. Remuneration is paid to the teachers by the department from the fee paid by the students and reimbursement

granted	by	the	Government.
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Sl. No.	PG programme
1	M.Sc. (Organic Chemistry)
2	M.Sc. (Analytical Chemistry)
3	M.Sc. (Zoology)
4	M.Sc. (Mathematics)
5	M.Sc. (Physics)
6	M.Com. (General)
7	M.A. (Economics)

The following restructured courses are partially self –financing, for which additional special fee is collected.

Sl.No.	UG programme
1	B.Sc Mathematics, Petrochemicals, Chemistry
2	B.Sc Mathematics, Statistics, Actuarial science
3	B.Sc Mathematics, Statistics, Computer science
4	B.Sc Mathematics, Chemistry, Computer science
5	B.Sc Mathematics, Physics, Computer science
6	B.Sc Mathematics, Electronics, Computer Science
7	B.Sc Bio Technology, Zoology, Chemistry
8	B.Sc Microbiology, Botany, Chemistry
9	B.Sc Biochemistry, Food Science, & Chemistry
10	B.Com Computer applications
11	B.Com Commerce, Economics, Computer science

1.2.5 Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?

To ensure Quality in Autonomous colleges academic reforms in the form of CBCS is operated:

- Annual curricular revisions
- ➤ Introduction of course credit system
- Enhance reliance on internal assessment
- Encouraging research
- Reforming governance of institutions
- ➤ More emphasis on learner-centric approach than teacher centric approach.
- ➤ To introduce latest knowledge in the curriculum.

 The College adopted CBCS system from the academic year 2014-15.All the courses offered are covered under CBCS system. Since the Postgraduate courses are still under the affiliating system, they are under

the University Semester system. As per the norms of the State Government of Andhra Pradesh, autonomy has been extended only to the undergraduate courses so far.

1.2.6 What percentage of programmes offered by the College follows:

* Annual system Nil* Semester system 100%* Trimester system Nil

1.2.7 What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?

One of the salient features of the CBCS is making the curriculum interdisciplinary. The College ensures inter-disciplinary nature to be part and parcel of majority of its programs. The College follows a three-major system which itself is inter-disciplinary in nature. The major outcome realized in promoting inter-disciplinary programs is in terms of the employability of the students, more choices for their vertical mobility and expanding knowledge in their respective disciplines.

General electives offered by different departments are opted by students of other disciplines. For example, Chemistry in everyday life is opted by statistics and actuarial science students. Philosophy, History and Political science are opted by science students. Arts students opted for Mushroom cultivation and retail management.

S. No.	UG programme
1	B.Sc. Mathematics, Statistics, Actuarial science
2	B.Sc. Food Science, Bio-Chemistry& Chemistry

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

- ➤ During the Annual Meeting of the Boards of Studies and the Academic Council, all the curricula of the College are reviewed every year to make them socially-relevant and job-oriented/knowledge-intensive and meeting the emerging needs of students and other stakeholders. To cite a few examples:
- By closely following the upcoming industries, new agricultural practices and advancement in different subjects, curriculum is

reviewed , and if needed new course combinations introduced. Computer literacy is made compulsory for all group combinations while advanced programming, web designing , multi media which are emerging areas are also taught under computer skills for computer combination courses.

- ➤ Training in analytical skills, technical skills, and communications skills are part of JKC curriculum. As a result of tie up with Tata Institute of Social Sciences, other areas of knowledge/ skill are imparted to the students (Legal Literacy, Entrepreneurship skills, financial literacy). Analytical /reasoning is introduced in General Component for Community college students.
- All subjects offered under subject electives/skill electives in final year are knowledge intensive/skill oriented employable courses. In the field of pharmaceuticals, or any chemistry allied industries, separation techniques, polymer chemistry, Nano technology, composites, green chemistry, spectroscopic techniques are knowledge intensive and emerging subject areas. They are offered as subject electives and skill based electives.

BOS Meeting of Dept. Computer Science for AY 2016-17 held on 13-04-2016

BOS Meeting of Dept. Economics for AY 2016-17 held on 12-04-2016



BOS Meeting of Dept. English for AY 2016-17 held on 20-04-2016

BOS Meeting of Dept. Mathematics for AY 2016-17 held on 13-04-2016

1.3.2 How many new programmes at have been introduced UG and PG level during the last four years? Mention details.

* Inter-disciplinary

- 1. Mathematics, Actuarial science and statistics.
- 2. Commerce, Economics and Computer science
- 3. Food Science, Biochemistry and chemistry

* Programmes in emerging areas

- 1. B.Voc Commercial Aquaculture
- 2. B.Voc Web designing and multimedia
- 3. B.Voc Retail Management
- 4. Community College Advanced diploma course in Analytical techniques in pharmaceuticals.
- 5. Post graduate courses
 - a) M.Com. (General)
 - b) M.A. (Economics)

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

Each Board of Studies has the Head of the Department as the Chairperson and the Faculty of the Department concerned as the members. The entire department has on-going interactions with eminent scholars in their subject in framing and updating the syllabus. The syllabus, thus prepared in advance, is presented at the Board of Studies Meeting which is attended by two external experts of the subject selected by the College after thorough scrutiny and a professor of the subject from the university nominated by the Vice-Chancellor. These academic experts ensure the currency and relevance of the program offered. The feedback obtained from students and alumni and the suggestions of the industrialists are also taken into consideration during the re-framing of the syllabus. All the major programs of study have undergone a major syllabus revision during the last Boards of Studies.

1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

- 1. Environmental audit
- 2. Solar power design and system integration
- 3. DTP
- 4. Web designing
- 5. MATLAB
- 6. JKC-TISS
- 7. General Electives

- 1.3.5 Has the College introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?
 - ➤ The College is aware of the Sector Skill Councils, National Occupational Standards, Qualification packages etc introduced by National Skill Development Corporation and curriculum suggested at different levels.
 - Responding to the Prime Minister's call for skill oriented education for providing employment to abundant youth population of the country, the college applied for establishment of KAUSHAL Kendra (Knowledge acquisition and up gradation of skilled human abilities for livelihood).

The UGC sanctioned four Skill development programmes (3 B.Voc and one community college)

- 1. B.Voc -Commercial aquaculture
- 2. B.Voc Web designing and multimedia
- 3. B.Voc Retail Management
- 4. Community College Advanced diploma -Analytical techniques in Pharmaceuticals.

In addition to the above, Andhra Pradesh State Skill Development Council sanctioned two skill development courses

- 1 Cyber security
- 2 Data analytics.

The college entered a MOU with NASSCOM to operate the above courses.

Feedback System

1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes. Student counselor system serves as a tool to ascertain feedback. A 21- point proforma has been designed for the purpose. The results are being consolidated and utilized by IQAC for necessary inputs. Remedial measures were taken initiated in case of any adverse remarks.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

No, the college is not obtaining any feedback on curriculum from faculty of National and International stature.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

Feedback is collected from alumni, industry when they attend the BOS meetings. Proforma suggested by NAAC is made use of.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

Faculty members attended the workshop on development of curriculum under Choice Based Credit System in April 2014 at University of Hyderabad

Quality Sustenance Strategies:

- ➤ Deputing the faculty members to Faculty Development programme
- Deputing the faculty members for training programmes conducted by Centre for Development of Advanced Computing (C-DAC), Hyderabad, Andhra Pradesh State Skill Development Corporation (APSSDC) and Tata Institute of Social Sciences (TISS)
- Implementation of the Choice Based Credit System (CBCS)
- ➤ Implementation of Subject Electives (Special) in all the three majors
- ➤ Implementation of Subject Electives (Skill-Based) in all the three majors
- Implementation of General Elective which is multi-disciplinary in nature, add- on skill development elective.
- Implementation of Project work in UG.
- Linkage with research institutes for the training of students in emerging
- ➤ Book reviews by eminent personalities to inspire the students.
- The English Language Laboratory brings in the element of practical approach to language learning. The Department of English has made the General English course more functional and rather than content-based and memory-oriented. The department prepared its own work book for students. The college continues to hold practical training and examination for communication skills for students even though the affiliating university discontinued it.
- ➤ The College lays emphasis on formation of values in the students through its Human Values and Professional ethics course which compulsory for all programmes.
- A compulsory course in "Science and Civilization" is a part of the foundation course which instills in young scientific temperament and freezes them from superstitious beliefs.
- > To highlight environmental problems and the need to conserve

- biodiversity, a paper on Environmental studies is being taught. This course also increases deeper awareness on the environmental problems and conservation strategies.
- ➤ The Department of Mathematics has introduced Problem Solving Sessions from the year 2005-06 with the objective of making the course more practical-oriented.
- Extra credits for 90% attendance is planned under CBCS.

Quality Enhancement Strategies

- ➤ In order to provide technical competence to students, academic program in B.Sc. (Electronics Technology), B.Sc. (Food Technology), and B.Sc. (Animation and Visual Effects) were introduced during the period of review.
- A course in Contemporary Indian Society is made compulsory for all first year students. This course exposes students to the rich and varied traditions and cultures of our great Country and infuses social values pertaining to the present-day society.
- A compulsory course on "Science, Technology and Development" is part of the foundation course which instills scientific temperament in the young minds, questioning superstitious beliefs.
- ➤ The institution has provided flexibility in terms of the Core options and Elective options.
- Intensive training through JKC and Equal Opportunities Centre in analytical skills.
- Apart from this, each department takes up remedial classes for the slow and disadvantaged learners.
- Feedback from students on the curriculum, course-evaluation and faculty performance is obtained by administering a structured questionnaire. The courses are constantly updated, keeping pace with the emerging needs of the society in general and of students in particular.
- In all the departments, the teaching-learning process is multi-dimensional comprising not only classroom interactions and practical's but also field visits, remedial programs, library assignments, project works, seminars, workshops and internship.
- The curricula designed by the departments ensure that our young students develop knowledge, understanding, skills, and attitudes necessary for their development as active and responsible citizens committed to national development.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

2.1.1 How does the College ensure publicity and transparency in the admission process?

Publicity in the admission process:

- ➤ The admission schedule is announced annually through News papers, local TV channels and also posters displayed at vantage points.
- ➤ The schedule is displayed on college notice boards and college website. Since the academic year 2016-2017, online applications have been received.
- ➤ The prospectus given with the application form includes all details relating to academic programmes, selection process, list of documents to be enclosed, fee structure, rules of conduct etc.,

Transparency in the admission process:

- ➤ To ensure the transparency the applications are invited for admission through an open advertisement specifying the last date for submission of application. The selection committee scrutinizes the applications received and the selection list is prepared based on merit and reservation policy of the government. The selection list is display in the notice board and also placed in the website.
- 2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. Programmes by the college. Explain the criteria for admission (Ex. (i) merit,(ii) merit with entrance test,(iii)merit entrance test and interview,(iv)common test conducted by state agencies and national agencies (v)others followed by the college?

Admission process for U.G. programmes:

- ➤ Once the admission applications are received till the deadline, general merit lists is prepared in each course by order of merit.
- ➤ The selection and waiting lists are prepared by the admission committees for different courses on merit basis and duly following the rule of reservation as per Government orders.
- > The entire selection process is recorded in registers and also a soft copy is maintained.
- ➤ The dates of admission are intimated to each candidate by means of post card, SMS to cell phone, posted on college notice board / college website.
- ➤ The parent should accompany the students on the date of admission. A meeting is convened and the admission process, disciplinary rules,

- payment of fee etc., are clearly explained before the commencement of actual admissions.
- ➤ The admission committee members verify the original certificates and other required documents to admit students.
- ➤ Only nominal fee is recommended and collected from an eligible candidates belonging to ST/SC/BC/EBC/Minority on production of income and caste certificates.
- ➤ The Principal, Chairman of admissions committee, closely monitors the process of admission with the assistance of senior faculty members. Grievances are redressed by the principal and the convener of admissions committee.

P.G. Programmes- admission process:

➤ The college does not have the liberty to conduct admissions for P.G. Courses. The affiliating University conducts counseling to the successful candidates in Common Entrance Test and the candidates are allotted to the college by way of option. The college can conduct admissions for unfilled seats after obtaining the University approval.

2.1.3 Does the college have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- Perusal of local needs and intake pass outs of an existing course are taken into consideration for introduction of new programmes and discontinuation of non-viable programmes. In this aspect, opportunities and vertical mobility of the stake holders are considered; decisions will be made after thorough discussions and deliberations in B.O.S. and Academic Council meetings.
- A central admission committee under the guidance of Principal looks into the admission procedure annually. The coordinator, conveners and members of admission committee meet before the commencement of admission notification and work on different modalities. They review the previous year admissions and make policy decisions for the ensuing year as per the rules in vogue.
- After the completion of admission and commencement of class work a profile is given to every admitted student to get data on their social and economic back ground, previous academic courses attended, achievements, interest in extra and co-curricular activities, personal skills etc. Later on his/her semester wise progression is updated in the profile. This process is being monitored by teacher-counselor and class representative of the respective course. The student profiles are useful

source to identify their personal talents, special interests and to nurture them for overall development of the stakeholder to make him/her to grab a job immediately after the completion of course.

2.1.4 What are the strategies adopted to increase /improve access to students belonging to the following categories.

- > SC/ST
- ➢ OBC
- Women
- Different categories of persons with disabilities
- Economically weaker sections
- Outstanding achievers in sports and extracurricular activities
 In the admission process, preference is given to disadvantaged sections of the society as per the rule of reservation laid down by Andhra Pradesh state government. From the applicants, 15%, 7%, 27% and 1% seats are allotted respectively to SC,ST,BC and Physically challenged students in a stringent manner. Among the total admissions 33% of seats are being filled with women applicants. For applicants having outstanding achievements in sports and extracurricular aspects 3% of seats are reserved during admissions under NCC & Sports quota. There is no provision for reservation of seats to economically weaker sections.

SC/ST & OBC:

- Encouraging to apply for scholarships by state, central governments and NGOs'.
- Book bank is provided in Central library with aid from Govt. of A.P.
- Proper utilization of allocations for SC/ST categories under UGC and Govt. grants.
- Conduct of coaching classes for competitive exams under EOC umbrella.

Women:

- ➤ Women's hostel in college campus.
- Academic incentive for single girl child.
- ➤ Counseling of girl students' grievances are redressed by WEC.

Different categories of persons with disabilities:

- > Provided scholarships and free ships.
- **Exemption from II language.**
- Concession in examination fee and other incentives are provided to selected students.

Economically weaker sections:

- EBC scholarships.
- Admissions in welfare hostels.

- Endowment prizes are available to help the meritorious and economically weaker sections.
- > Through poor boys fund, eligible get financial assistance from the college.

Outstanding achievements in sports and extracurricular activities:

- Concession in examination fee for meritorious/high achievers in various competitions at national level.
- > Additional credits are given for high achievers.
- Conducting mid-semester examinations separately for students attending state and national level competitions and the students are given attendance concession and extra credits to NSS and NCC camps.
- 2.1.5 Furnish the no. of students admitted in the college in the last four academic years.

	Number of Students admitted in UG Courses									
Acad.Yr.	2012	-13	2013	-14	2014-	15	2015	-16	2016	-17
Categories	M	F	M	F	M	F	M	F	M	F
SC	66	47	95	50	116	70	108	68	108	71
ST	34	18	30	23	30	19	12	16	18	23
OBC	178	133	207	151	239	141	235	145	280	157
General	113	64	117	85	144	94	157	89	146	95
Others	2	4	1	0	3	6	6	8	7	6
Total	393	266	450	309	532	330	518	326	562	349
	Nun	iber of	f Stud	ents ac	dmitted	l in P(G Cou	rses		
Acad.Yr.	2012	-13	2013-14 2014-15		15	2015-16		2016-17		
Categories	M	F	M	F	M	F	M	F	M	F
SC	1	0	2	1	2	-	1	3	3	2
ST	2	4					1	1	-	-
OBC	2	2	8	2	9	4	14	11	1	3
General	3	0	6	4	6	2	4	5	-	-

Total	8	6	16	7	17	6	20	20	04	05

2.1.6 Has the college conducted any analysis of demand ratio for the various programmes offered by the college? If so, indicate significant trends explaining the reasons for increase/decrease.

	pianning the					Total
Year		Arts	Science	Commer	B.Voc	Total
				ce	and	
					Commu	
					nity	
					college	
	Sanctioned	130	450	150	180	
	strength					
	_					
2012-	Application	237	1065	528		1830
13	s					
	received					
	Admitted	103	422	145		670
	Demand	2:1	3:1	4:1		3:1
	ratio					
2013-	Application	179	872	556		1607
14	s					
	received					
	Admitted	138	433	183		754
	Demand	1:1	2:1	3:1		2:1
	ratio					
2014-	Application	189	904	607	120	1820
15	S					
	received					
	Admitted	139	452	187	91	869
	Dames 1	4.4	2.1	2.4	4.4	2.4
	Demand	1:1	2:1	3:1	1:1	2:1

	ratio					
2015- 16	Application s received	145	1099	560	109	1913
	Admitted	103	464	184	87	838
	Demand ratio	1:1	2:1	3:1	1:1	2:1
2016- 17	Application s received	194	1394	547	51	2186
	Admitted	138	534	197	45	914
	Demand ratio	2:1	3:1	3:1	1:1	2:1

It is observed that there is a demand for MPC (EM) and BZC (EM) programmes, as indicated by more number of applicants and so a proposal was submitted to the affiliating university ANUR, Rajamahendravaram to increase the intake from 30 to 60. Necessary approval was taken through a resolution in 18th GB meeting held on 24-11-2016.

The number of applications for BZC (TM) is found to be less than the intake of 60 available. Hence a resolution was obtained in the 18th GB meeting to change the intake of the said group from 60 to 30.

2.1.7 Was there an instance of the college discontinuing a programme during last four years? If yes, indicate the reasons.

B.A.(C.A) programme was discontinued from 2014-2015 academic year as there were no takers.

2.2 Catering to student's diversity:

2.2.1 Does the college organize orientation/induction programme for freshers? If yes, give the details of the duration of the programme,

issues covered, experts involved and mechanism for using the feed back in subsequent years?

- ➤ In the beginning of an academic year an induction cum orientation programme is conducted for I year students. Principal, IQAC coordinator, In-charges of various faculties enlighten the students on legacy of the college, rules and regulations of autonomous system, CBCS pattern, conduct of mid and semester examinations, CCA, curricular, co-curricular and extra-curricular activities, support services (NCC, NSS, JKC etc.,), infrastructure facilities in Central library and Science laboratories so on and so forth.
- > Students are informed of disciplinary rules, ragging act, eve-teasing act etc., along with a motive talk by senior faculty member on morals and ethics.
- A few number of students pursuing second and final year programmes are allowed to share their experiences in the campus.
- > Students are also enlightened on expectations at entry and also exit levels in the interest of their parents and also institution.
- ➤ Different faculty In-charges talk on vertical progression in various programmes, career opportunities etc.,

2.2.2 Does the college have a mechanism through which the "differential requirements of the students' population" are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- Yes, the analysis of admitted students' academic record is useful for the topics to be covered in Bridge Course.
- Yes, student profiles collected after the commencement of I year classes are useful to know the expectations of a student from the institution.
- ➤ Teacher counseling system is being practiced to understand the social as well as economic problems of the stake holders and also to address their personal problems through interaction.
- ➤ It is identified that number of students are not bringing their lunch due to poor family status, paucity of time to catch the bus in morning hours etc., Previously Alumni association used to provide "Mid day Meal" to those students on recommendation from teacher counselor concerned. But, for the last two academic years such students are encouraged to get their lunch from charitable trusts in Kakinada town i.e., Co-canada Annadana Samajam etc.,

- 2.2.3 Does the college provide bridge/remedial/ add-on courses? If yes, how are they structured in to the time-table? Give details of the courses offered, department wise/ faculty wise?
 - ➤ Yes, many departments in particular Science faculties conduct bridge course for about a week after the commencement of I year classes to students from vocational courses at +2 level.
 - ➤ The department of Commerce takes bridge course and remedial classes for students of non-commerce background at intermediate level.
 - ➤ Departments of Chemistry, Physics, Computer Science and Mathematics are offering Add-on-Courses.
 - ➤ Remedial coaching classes are being conducted by every department. It is a general practice to identify slow learners by way of performance in mid-semester and end semester examinations. A centralized schedule is prepared for remedial classes by each department in '0'hours.
- 2.2.4 Has the college conducted a study on the incremental academic growth of different categories of the students,- students from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the college to improve the performance of these students.
 - ➤ Data in student profiles maintained by teacher-counselors and registers of CCA in various departments are useful to understand the academic progression as well as growth in extracurricular activities.
 - ➤ Based on the study the college is providing the necessary support with exceptional growth in a given area.
 - ➤ The facilities like remedial coaching, supply of study material, personal counseling are strengthened to the students from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners.
 - The material in the form of CDs' and two screen reading software's i.e. Kurzval and Jaws are available for the benefit of Visually challenged students.
 - ➤ In addition to the Government scholarships the financial assistance is provided to the students through poor boys fund and endowment prizes.
 - > Some of the faculty members extend financial support to economically poor students to pay their fee dues to the institution.
 - ➤ With all these effort taken by the college the performance of the above said students is improved.

2.2.5 How does the Institution identify and respond the learning needs of the advanced learners?

- Advanced learners are being identified based on meritorious performance in formative and summative examinations, active participation in co-curricular and extra-curricular activities.
- Advanced learners are encouraged to attend regional and state level academic competitions conducted by different colleges and organizations, and Yuvatarangam by Commisionerate of Collegiate Education, Andhra Pradesh.
- Some students were encouraged to deliver Live telecast over Mana TV in 'Students as Teachers programmes in the years 2013, 2014 and 2015.
- Advanced learners are being exposed to JKC training and for campus interviews by MNCs'.
- ➤ In the 2015-2016 academic year many skills are being imparted to smart students in a TISS sponsored programme, Data Analytics and Cyber Security courses sanctioned by APSDC.
- Library has INFLIBNET facility to expose students for various e-books and e-journals on different subjects to expand their learning horizon.
- ➤ Internet facility is available in entire built area and is made accessible to students.
- ➤ With the generous support from MHRD, Govt. of India Aakash tablets were provided to some students for online and off-line learning at their residences.
- > Students with good learning capabilities are assigned with project works to acquire commendable knowledge in interested discipline centric course.
- ➤ Entry into Services and EOC grants under UGC-MERGED scheme were utilized properly to coach the students for various competitive examinations.



One of our students facing the Online Interview through Skype



One of our students facing personal interview during campus drive

2.2.6 How does the institutions cater to the needs of differently- abled students and ensure adherence to government policies in this regard?

- A physically challenged student is attached to a scribe during examinations and provided with extended time for examination. The pass percent for such stake holders is 30% against 40% for normal students. Moreover, those students need not pay examination fee.
- ➤ This institution received HEPSN grant under UGC-MERGED scheme. This led to provide some facilities to differently- abled students.
- ➤ Sri V. Narasimha Swamy a Visually challenged faculty and In-charge of department of History has been serving as convener for HEPSN and created some amenities to differently- abled students by utilizing UGC grant.
- ➤ Zoom-Ex scanner available in Dept. of History can convert the scanned text matter into audio files for the benefit of visually challenged learners. Flex talk reader and Angel book reader were purchased for their benefit.
- Audio C.D.s' on various subjects are made available in Dept. of History and Central Library. At both those places Kurzval and Jaws soft-wares are provided for VH persons. Hand outs of their subjects concerned are provided to deaf and dumb students.
- A ramp at Physics block and a wash room in B.A. block caters the needs of disabled stake holders.
- ➤ The convener of HEPSN interact with physically challenged students, identifying specific problems and solve them with a support from Principal and higher officials of the department.
- ➤ Now and then special talks and motivation lectures are being arranged for physically disabled students.

Notable achievements of physically challenged students of the institution:

S.No.	Name of the	Group	Year of	Job secured and
	Physically challenged		study	place of work
	student			
1	Mr.D.Naga Mahesh	B.A.	2008-	Jr.Asst.,
	(OH)	(THP)	2011	Pachayat Raj
				Dept., GoAP
2	Mr.Y.ManikantaSwamy	B.A.	2011-	Jr.Asst.,
	(VH)	(THP)	2014	Commercial Tax
				Dept., GoAP,
				KKD

3	Mr.S.Rambabu, (OH)	B.Com.,	2011-	Jr.Accountant,	
			2014	Treasury,	
				Chintoor,	
				E.G.Dt.	
4	Mr.M.Srinu (OH)	B.Com.	2011-	Jr.Asst.,	
			2014	Commercial Tax	
				Dept., GoAP,	
				KKD	
5	Ms.Y.Mahalakshmi	B.A.	2012-	Office Sub-	
	(VH)	(HEP-	2015	ordinate, Andhra	
		EM)		Polytechnic,	
				Kakinada	
6	Mr. V.RamaSwamy	B.A.	2012-	Clerk- Chaitanya	
		(HEP-	2015	Grameena Bank	
		TM)			

2.3Teaching-learning process.

2.3.1 How does the college plan and organize the teaching, learning and evolution schedules?(academic calendar, teaching plan and evaluation blue print, etc)

Academic calendar

- ➤ Staff council prepares an academic schedule for both the semesters of a year after thorough exercise. The academic calendar for consequent academic year is submitted to Academic Council at the end of an academic year for necessary discussion and approval. The approved schedule is printed in an academic calendar published annually, which paves a way to institutional plan.
- ➤ The academic calendar gives an insight into number of instruction days, schedules for mid and semester end examinations, general and midterm holidays etc.,

Teaching Plan

Every faculty member prepares annual curricular plan in Tables A and B
and submit to IQAC convener of the college. The Table-B of the
department for the following week is displayed in Notice board of
respective department. The same is reflected in teaching diaries and
teaching note books of the teaching members.

Evaluation blue print

• Every year blue print for evaluation of sub-courses of a subject is kept and discussed in B.O.S. meeting of the department, approved with consent of both members and Chair-person.

2.3.2 Does the college provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- ➤ For every sub-course of a subject (course) the learning objectives and learning outcomes are prepared, discussed and finalized in Board of Studies meetings.
- At the beginning of every semester students are informed of syllabus, model question paper, tentative schedule for completion of syllabus etc.,
- ➤ Weekly curricular plan in Annexure B of all the faculty members in a department is displayed in notice board of that department for prior awareness among the students.
- Faculty members obtain oral feedback from students to learn about the progression of curricular plan.

2.3.3 What are the courses which predominantly follow the lecture method? Apart from classroom interactions what are the other methods of learning experiences provided to students?

- ➤ In Commerce and Arts streams, black board teaching lecture method coupled with interactive -student centric learning is a dominant way to inculcate good knowledge of a given subject.
- Co-curricular activities like assignments, GDs', class room seminars, Quizzes, JAMs' under the supervision of a faculty member are being implemented by all the departments to provide rich knowledge of different topics in subject concerned.
- Invited talks by external experts certainly helpful to understand latest developments in a subject area and also to get an edge over knowledge of topics not covered under syllabus.
- ➤ For some topics Science faculty members are using PPTs' on LCD and KYON projectors to provide sound knowledge of topics through Visual experience.
- Visualizers (EPSON make) are also used by Botany, Zoology and Physics lecturers to show illustrations in reference books and scientific journals.
- ➤ Depts. of Botany, Zoology, Physics, Chemistry, Commerce, History organized field trips, institutional/industry visits to students for better understanding of the subject.

PRGC [A], Kakinada-A.P- NAAC SSR 3rd Cycle 2016-17



Students of Botany at horticulture research station, Pandirimamidi on 31-01-2015



History students observing exhibits at archeology museum at Kakinada on 08^{th} August 2016



History students observing archives of Buddhism at Kommarilova on 20th Feb 2013



A botanical field trip at Coringa sanctuary on 06-12-2014



U.G Students of Chemistry Visited NIH Kakinada on Dec 2014



P.G Students of Chemistry Visited IICT Hyderabad on 27-10-2014

A simulation laboratory is made available in Dept. of Physics and Electronics to learn some topics through simulation experiments.

- ➤ Depts. of Zoology and Botany have museums with preserved specimens, which are used as exhibits for teaching some topics. Those departments also using Bio-Visual charts for teaching some lessons.
- ➤ Dept. of Botany has a good herbarium and gardens with good number of plant species that are used for inculcating a good knowledge.



- 2.3.4 How is "learning" made more student- centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improve students' learning, besides facilitating life- long learning and knowledge management.
 - ➤ To fulfill the main objective of Education 'Overall development of a student', the institution is striving hard to expose student for co-curricular and extra-curricular activities.
 - As a part of the student centric learning and for continuous comprehensive evaluation assignments, quizzes, GDs', JAMs', Field works etc., are being given to students.
 - ➤ Dept. of English prepared a work book for I and II year students for practicing English grammar and to learn functional language.
 - ➤ Depts. of Commerce and Economics assigning student projects in lieu of one mid examination in a semester.
 - > Students of Science departments are making some exhibits every year on the eve of National Science Day and present them in an open exhibition.
- 2.3.5 What is the college policy on inviting experts / people of eminence to provide lectures / seminars for students?

- ➤ Many departments conducted Hands on training/ seminars/ conferences/ workshops/ Symposia etc., at Regional/ National / International levels, during which students got opportunity to, interact with legendry persons in their subject area.
- ➤ Every department, support services of the college observe relevant days of national and international importance and invite eminent personalities and organized invited talks.
- 2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching? Ex: virtual laboratories, e- learning, open educational resources, mobile education, etc.
 - Faculty members in Dept. of Chemistry are encouraging students to register for MOOCs.
 - Faculty members in Physics, Chemistry, Botany and Zoology departments are exposing students to some practical activities using Virtual labs of Amrita University.
 - ➤ Most of the faculty members are using blog spots to provide edge-over knowledge in their respective subjects.
 - English Language Lab (ELL) in Physics block of the college is exposing students to language skills through audio and video programmes in both online and offline methods.
 - ➤ With the support of MHRD, Govt. of India, Aakash tablets were provided to some students during 2013-2014 for e-learning. The beneficiaries of this were trained by experts from C-DAC, Hyderabad.



- 2.3.7 Is there a provision for the services of counselors/ mentors/ advisors for each class or group of students for academic, personal and psychosocio guidance? If yes, give details of the process and the number of students who have benefited.
 - ➤ Teacher counselor system is in practice in the college from early days of autonomy i.e., 2002 onwards. As such students of a class are attached to one lecturer, who maintains profiles of students in assigned class.

- ➤ Teacher counselor is responsible for consolidation of monthly attendance, informing the matter to Principal of the college and also to students who put in less attendance than the required. He/she also records academic progression of the wards assigned.
- Now and then counselors interact with students and suggest possible remedies for their academic, personal and psycho-social problems. Each counselor maintains record of grievance from his mentees. Inculcating morale and ethics to the wards is also a part of counseling.
- 2.3.8 Are there any innovative teaching approaches / methods/ practices adopted/ put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?
 - ➤ Dept. of Mathematics is following an innovative method, "Problem based Learning" during practical classes for better understanding of the topics taught in theory. It also allows collaborative learning to solve the given problem.
 - > Dept. of Zoology using software to teach Bioinformatics course.
 - ➤ Dept. of Botany is arranging signage boards to trees and shrubs in the campus, which enhance their taxonomic knowledge. Projection Microscope in the department gives effective magnification of microbes/cells/tissues etc., and offers chance for enhanced learning.
 - ➤ Museum specimens in Botany and Zoology laboratories offer chance to identify the such things in their real life and to correlate the same for everlasting memory.
 - All the science departments are encouraging students to make certain displays for National Science Day exhibitions, thus allowing the wards to critical thinking and innovative presentations.
 - > Students are attending regional/state level competitions/seminars by other colleges of the state and thus getting an opportunity to broaden their skills by observing presentations by students of other colleges.
 - Simulation laboratory in Physics and electronics department is highly useful to understand electronics topics through a method of learning by doing.
 - ➤ Departments of Commerce and Economics made students projects compulsory in final year and so allowing Project based learning.
 - Field trips by Science, Commerce and Arts departments offer chance to have visual experience to things learned in theory classes.

Industry/institute visits gives an experience to interact with people working in the subject area.

2.3.9 How does the college create a culture of instilling and nurturing creativity and scientific temper among the learners?

- ➤ By conducting science exhibition (on national science day) with the projects proposed by students.
- Exposing the students to various academic and cultural competitions and to encourage them giving prizes.
- ➤ Observing the important days and encouraging the students to take something creatively on doing a related project to that day.
- Encourage the students to participate and present papers in the seminars conducted in the college or outside the college.

2.3.10 Does the college student projects a mandatory part of the learning program? If so, for how many programs is it made mandatory?

From the Academic year 2016-17 it is mandatory to all the final year students. Before that some departments are assigning study projects to advanced learners.

S.No.	Department	No. of study projects done during 2012-13
4	***	to 2015-16
1	Hindi	5
2	Sanskrit	10
3	History	09
4	Economics	10
5	Political Science	54
6	Philosophy	40
7	Commerce	2
8	Mathematics and Statistics	18
9	Physics and Electronics	10
10	Chemistry and Petrochemicals	15
11	Computer Science	09
12	Botany and Microbiology	12
13	Zoology and Biotechnology	09
	Total	203

In some departments (Economics) outside experts are being invited to evaluate the project work.

Role of the faculty in facilitating such projects.

The faculty members of the college are playing a vital role in identifying the topic/ theme, helping the students to carry out the same (data collection, report writing, ICT usage etc) and submission of the report.

2.3.11 What efforts are made to facilitate the faculty in learning/ handling computer- aided teaching / learning materials? What are the facilities available in the college for such efforts?

- Internet facility is available in staff rooms of all the faculties to explore different online material of their subjects.
- Faculty can access all the e-journals in UGC-N list through INFLIBNET facility in Central library to follow recent trends in their subjects concerned.
- A 2-Day workshop on "ICT-Teaching-Learning in Higher Education" was organized on 28th and 29th October, 2013 in collaboration with C-DAC, Hyderabad to impart skills on various e-learning methods to faculty of the college.
- A 3-Day state level workshop on "Technology enabled Teaching Learning in Higher Education Institutions" was organized from 6th to 8th October,2015 to inculcate knowledge on various online methods for leaning-teaching for faculty of the college and also other colleges of the A.P. state.
- A two day faculty development programme on "Designing and Delivering Online Courses with Open Educational Resources" is organized by the department of Computer Science and IQAC on 2-12-16 and 3-12-16 by inviting Prof. K. Srinivas, Professor ICT, NUEPA, New Delhi.
- > Smart boards, LCD and KYON projectors and Visualizers are available in the college to facilitate e-teaching methods.



2-Day workshop on "ICT-Teaching-Learning in Higher Education on $28\text{th} \& 29^{\text{th}} 2013$



2 day FDP on "Designing and Delivering Online Courses with Open Educational Resources on 2nd & 3rd Dec 2016

2.3.12 Does the college have a mechanism for evaluation of teachers by the students/ alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching – learning process?

- Yes, the college has a centralized feedback mechanism for evaluation of teacher by students. Department of Computer Science is coordinating this taking feedback through computers. Using the feedback the staff members introspect and improve their teaching.
- 2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes, elaborate on the challenges encountered and the institutional approaches to overcome these.
 - The college publishes annual academic calendar and is distributed among the stake holders to have proper knowledge of time schedule due to various curricular activities.
 - Each semester has 90 instructional days i.e., a span of 15 weeks with 6 working days each. Every faculty member plans his/her course to deliver the goods in time. If the syllabus is not completed, extra-classes are being engaged during '0' hours/ holidays to complete the task.

2.3.14 How are library resources used to augment the teaching-learning process?

- ➤ Infrastructural facilities in the central library were improved during the assessment period by utilizing different grants. A space is provided for reading purpose.
- ➤ Internet facility and INFLIBNET at central library are useful for enhanced teaching-learning process.
- ➤ OPAC helps the teachers and learners to know the availability of required book. Reprography at library can be used to make Xerox of material from reference books and journals.
- > SOUL software at library is useful for quick processing of issue-return of books.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching methods used, classroom environments and the effect of student performance.

Student feedback serves as a source to monitor the quality of teaching.

- ➤ The Principal evaluates the teaching learning process through the diaries and synopsis submitted by faculty members every month.
- ➤ Every year an academic audit is being conducted by Academic cell of CCE,A.P., to monitor the qualitative aspects in teaching-learning and

- appraises the good initiatives by individual faculty, departments and college as a whole.
- Annually each faculty member is assessed by his/her Academic Performance Indicator (API) and is intimated to C.C.E., A.P.

2.4 Teacher quality:

2.4.1 what is the faculty strength of the college ?How many positions are filled against the sanctioned strength ?How many of them are from outside the state?

No. of Sanctioned posts		No. of contract faculty working	No. of posts vacant	No. of guest faculty working
78	32	18	28	28

2.4.2 How are the members of the faculty selected?

- The college being a government institution, regular lecturers are recruited by A.P. Public Service Commission. The selection process has written test and also oral interview.
- As per the existing U.G.C. guidelines, Junior lecturers with NET/SET or Ph.D. qualifications are being promoted as lectures.
- Regional Joint Director of Collegiate Education, C.C.E., Govt. of A.P., is inducting Contract Faculty on merit basis from the total applicants.
- ➤ Principal is taking Guest Faculty based on performance in a demonstration class.
- ➤ For self finance courses, retired teacher of the college having good proficiency in teaching and other faculty members from outside are engaged.

2.4.3 Furnish details of the faculty.

S.N	Department	Highes	t quali	fication	of the
0.		lecture	er		
		P.G.	M.Phil	Ph.D.	NET/
					SLET
1	English	04	01	01	
2	Hindi	-	1	02	01
3	Telugu	03	1	01	-
4	Sanskrit	01	1	-	-
5	History	02	1	-	-
6	Economics	01	01	01	01
7	Political Science	01	01	-	
8	Philosophy	01	1	-	01
9	Commerce	03	01	03	02
10	Mathematics and Statistics	05	01	02	01
11	Physics and Electronics	05	02	-	02
12	Chemistry and	03	03	03	01
	Petrochemicals				
13	Computer Science & Appl.	06		01	02
14	Botany and Microbiology	05		01	01
15	Zoology and Biotechnology	03	02	04	05
	Total	43	12	19	17

2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET and SLET exams? In that what percentage of the teachers are with PG are highest qualification?

- ➤ Percentage of the teachers completed NET/SLET: 22%
- Percentage of the teachers with PG as highest qualification: 55%

2.4.5 Does the college encourage diversity in its faculty recruitment? Provide the following departments –wise details.

Department	% of faculty who are the product of the same college	% of faculty who are the product of the other colleges in the same State
English	50%	50%
Hindi	100%	-
Telugu	33%	67%
Sanskrit	100%	-
History	-	100%

Economics	-	100%
Political Science	-	100%
Philosophy	-	100%
Commerce	-	100%
Mathematics and Statistics	-	100%
Physics and Electronics	14%	86%
Chemistry and Petrochemicals	25%	75%
Computer Science & Appl.	-	100%
Botany and Microbiology	-	100%
Zoology and Biotechnology	-	100%

2.4.6 Does the college have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?

Actually the college does not have required number of regular teachers to handle the classes. The college has 42% of the sanctioned posts filled by regular staff members, some of the vacancies are filled by contract basis and guest faculty. No class is left for want of faculty.

2.4.7 How many visiting professors are on the rolls of the college?

There are no visiting Professors on regular rolls of the institution. But now and then faculties are arranging invited talks by eminent Professors/Scientists to motivate the students and for recharging their faculty members.



Prof. G. Bhagavannarayana- Chief Scientist CSIR – National Physical Laboratory, New Delhi

- 2.4.8 What policies/ systems are in place to recharge teachers? (eg: providing research grants, student leave, nomination to national/international conferences/seminars, in- service training, organizing national/international conference etc.,)
 - The college encourages conduct of national seminars / workshops by extending financial assistance from UGC, autonomous funds and also motivate them to submit proposals for financial assistance to varies financial agencies to organize workshops, seminars, training programmes etc.
 - Faculty members are encouraged to attend refresher courses/ orientation courses/ training programmes, workshops etc. and presenting papers in seminars and conference.
 - Faculties were given financial assistance for research projects from CPE and UGC funds.
 - > Study leave is given to the faculty selected for FDP-UGC programme.
 - Encouraged faculty to apply for funding agencies like UGC,BARC etc.,
- 2.4.9 Give the number of faculty who receive awards/ recognitions for excellence in teaching at the state, national and international level during the last four years.
 - ➤ Dr. M. M. Pacha, Lecturer in Chemistry conferred with State Best Teacher award by Govt. of Andhra Pradesh on 05-09-2014.
 - ➤ Dr. V. Anantha Lakshmi, Lecturer in Mathematics conferred with State Young Teacher Award by Govt. of Andhra Pradesh on 05-09-2013.
 - ➤ Dr. P. Hari Ram Prasad, Lecturer in Hindi received 'Rashtreeya Siksha Ratna' award from M.V.L. Trust, Mumbai for his contributions to teaching







2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years.(add any other programme if necessary).

S.No.	Staff Development programmes	No.	of	Faculty
		atteno	ded	

1	Orientation Courses (O.C.) at UGC-ASCs	16
2	Refresher Courses (R.C.) at UGC-ASCs	19
3	Staff development programmes outside the college	40
4	Staff development programmes within the college	120
5	Other training programmes outside the college	15

2.4.11 What percentage of the faculty have

- been invited as resource persons in Workshops/ Seminars/ Conferences organized by external professional agencies: A faculty member in Dept. of Botany delivered an invited talk in International Conference at VIT University, Vellore, Tamil Nadu in August-2016.
- > participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies: 80%
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies: 50%
- > teaching experience in other universities/national institutions and others industrial engagement: NIL
- > international experience in teaching: NIL

2.4.12 How often does the college organize academic development programmes for its faculty, leading to enrichment of teaching-learning process:

- ➤ Curricular Development: Faculty members were deputed to Hyderabad Central University, Hyderabad for a training program to redesign and develop curricula under CBCS pattern in various Subjects.
- ➤ **Teaching-learning methods:** Faculty were trained by inviting experts from C-DAC, Hyderabad to inculcate Knowledge on Mobile/ other eteaching/ learning methods.

- **Examination reforms:** Credits are being awarded to students in place of marks/ percentages.
- ➤ Content/knowledge management: TISS is providing technical support in developing and managing content for skill oriented learning.
- Any other: Four faculty members of the college were deputed as team members in state level committees for redesigning of certain academic programmes and developing the curricula/ syllabi by CCE, A.P.

2.4.13 What are the teaching innovation made during the last five years? How are innovations rewarded?

- ➤ Dept. of English introduced work book to train the students in functional language.
- ➤ Dept. of Physics and Electronics using Simulation laboratory for simplified teaching of tough topics in electronics.
- ➤ Dept. of Zoology using virtual/animated programmes to demonstrate dissections.
- ➤ Signage boards to plants in college campus arranged by Dept. of Botany can enhance taxonomic knowledge of students.
- ➤ Different faculties and their members are using bloggers to provide additional inputs in their subjects.

2.4.14 Does the college have a mechanism to encourage mobility of faculty between institutions for teaching? Faculty exchange programs with national and international bodies? If yes, how have these schemes helped in enriching quality of the faculty?

- Some faculty members of the college took classes in other colleges of the district as per the proceedings of Regional Joint Director of Collegiate Education, Rajahmundry under the umbrella of District Resource Centre (DRC). Similarly, faculty from other colleges of the district took classes in this college.
- > There is no provision for faculty exchange at National and International levels.

2.5Evaluation process and reforms

2.5.1 How does the college ensure that all the stake holders are aware of the evaluation processes that are operative?

- At the beginning of every academic year an induction programme is conducted to enlighten the students on evaluation pattern.
- > Salient features of evaluation under CBCS pattern are provided in annual academic calendar.

Now and then the personnel in examination cell and faculty members inform the students about evaluation methods.

2.5.2 What are the major evaluation reforms initiated by the college and to what extent have they been implemented in the college? Cite a few examples which have positively impacted the evaluation management system.

- After the re-accreditation in 2011, marks along with grades were awarded to students to facilitate easiness of score assessment on international platform.
- ➤ After the introduction of CBCS pattern in 2014-2015 academic year, student performance is being measured in terms of Grades rather than marks/percentage, CGPA will be awarded to the student at the end of programme.
- From 2014-2015 academic year, internal and external assessment marks were changed to 30 and 70 respectively instead of previous 25 and 75.
- Minimum pass percentage for every subject was increased to 40 from previous 35% (in non CBCS pattern) since 2014-2015 admitted batch.
- ➤ Depts. of Commerce and Economics introduced student study projects for final year students in lieu of 2nd mid examination in 6th semester.
- Faculties are making blue prints of question papers with due weightage to learning objectives-goals, content of course, understanding knowledge creativity to ensure objectivity and preparation of comprehensive question papers by external paper setters.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

- In every semester, college conducts 2 mid semester examinations for 30 marks each, average mark of those two is reduced to half (15 marks). The student performance is continuously monitored in a semester through class room seminars/assignments/quizzes/field trips etc., and that accounts for 15 marks. Cumulative of marks in mid (for 15) and continuous assessment (for 15) is computed along with semester end (for 70 marks) to award the grade.
- ➤ Out of 30 marks for the internal evaluation, 2 mid-semester exams will be conducted for 30 marks each and the average is reduced to 15 marks and the remaining 15 marks are awarded as follows.
- ➤ 5 marks for seminar, 4 marks for assignment, 4 marks for viva/field trip, 2 marks for group discussion/quiz.



- 2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigor of the internal assessment process.
 - ➤ 30% marks are earmarked for internal assessment. In this 50% (i.e.15 marks) is earmarked for continuous internal assessment in theory and 30% marks are earmarked for internal assessment in practical examinations.
 - ➤ In theory 5 marks for seminar, 4 marks for assignment, 4 marks for viva/field trip, 2 marks for group discussion/quiz.
 - In practical, 30% marks are allotted for continuous practical skills.
- 2.5.5 Does the college adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

Yes. Being an autonomous college, the college adheres to declare the examination schedule. The schedule and everything about the examinations are decided by staff council in the college.

2.5.6 What is the average time taken by the college for declaration of examination results? Indicate the mode / media adopted by the college

for the publication of examination results. E.g. website, sms, e-mail etc.

The average time taken by the college for the declaration of the examination results is 21 to 28 days. The mode of declaration of results is through the college website, message to students through mobile and displaying in the notice board.

2.5.7 Does the college have an integrated examination platform for the following processes?

i. **Pre-examination process**- time table generation, OMR, student list generation, invigilators, squads, attendance sheets, on line payment gateway etc.

Yes, the college has an examination cell that takes up time table generation to student list generation. The examination committee of the college chalk out the invigilators, squads and collects the attendance sheets of the students during examinations. Most of the examination fee is collected through offline method by arranging a IOB counter at college campus, from the current academic year students are encouraged to pay their fee through Online methods using SBI- Buddy.

- ii. Examination process- examination material management, logistics. All the examination material is handled by personnel from examination cell and examination committee. Everything is being maintained confidentially from question paper preparation to the distribution of QP's to the invigilators during the time of examination.
- Post examination process- attendance capture, OMR based exam results, auto processing, generic result processing and certification.

 After the completion of examination the OMR barcode sheets are scanned and coded. After this process they sent for evaluation by the externals, scrutinized and decoded to generate the data of results. The results are being published on college website immediately after declaring the same before the result committee. Certification of the result is done jointly by the college and the affiliating University.

2.5.8 Has the college introduced any reforms in its Ph.D evaluation process?

Not applicable.

2.5.9 What efforts are made by the college to streamline the operations at the office of the Controller of examinations? Mention any significant efforts which have improved process and functioning of the examination section?

Controller of examinations with the help of two assistant controllers looking after the conduct of both Mid Semester and Semester End Examination. The formative and summative examinations are being monitored through software. From the 2016-17 academic year the software is used to generate the seating arrangement of the students in rooms and to get processed D forms.

2.5.10 What is the mechanism of the Redressal of the grievances with reference to evaluation?

The staff members of all the departments are empowered for correcting the marks in Mid examinations, if at all there is any mistake in awarding / Posting of marks after making necessary entries in a register intended for that purpose in their respective departments.

Redressal of the grievances of students during semester end examinations is addressed by the controller of examinations and also principal/ Chief Controller of examinations. During the semester end examinations there is provision for re-totaling and also revaluation

2.6Student performance and learning outcomes:

2.6.1 Does the college have clearly stated learning outcomes for its programmes? If yes, give details on how the students and the staff are made aware of these?

Yes. During BOS meeting learning outcomes are described for every paper and every course. The students are enlightened about the learning outcomes by the teacher.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

The institution monitors the learning outcomes based on the local industrial needs and the components of teaching and learning like employability vertical and horizontal mobility. Continuous internal assessment programme is designed to monitor achievement of learning objectives.

2.6.3 How does the institution collect and analyze the data on student learning outcomes and use it for overcome barriers of learning?

The ward counselors analyze the performance of the students periodically and give suggestions to the students to overcome their problems. In formal studied feedback and formal internal assessment and close monitoring in class rooms.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

The institution has a research committee consisting of Principal as chair person. The committee is promoting research activities by the involvement of both faculty and students.

Composition of the Research Committee:

S.No.	Name	Designation	Department	Position
1	Dr. C.Krishna	Principal	Geology	Chairperson
	Dr. M.	Lecturer in	P.G.	Convener
	MahaboobPacha	Charge	Chemistry	
2	Dr. V. Anantha	Lecturer in	Mathematics	Member
	Lakshmi	Charge		
3	Dr. P.	Lecturer	Mathematics	Member
	Subhashini			
4	Dr. A.	Lecturer in	Botany	Member
	SrinivasaRao	Charge		
5	Dr. N.	Lecturer in	Zoology	Member
	Sreenivas	Charge		
6	Dr. P. Hari Ram	Lecturer in	Hindi	Member
	Prasad	Charge		
7	Dr. K. Subhashini	Lecturer	Economics	Member
8	Dr. K. V. Sobha	Lecturer in	Computer	Member
	Rani	Charge	Applications	
9	Dr. J. PandurangaRao	Lecturer in	Commerce	Member
		Charge		
10	Sri D. Rama Rao	Lecturer	Chemistry	Member

Functions of the committee:

- The committee coordinates all issues such as identifying thrust areas of research in different subjects, advising faculty to apply for projects, scrutinizing the proposals and forwarding to funding agencies.
- The committee providing information to faculty members on various sources for research funding. It guides the faculty members in preparing

- good proposals with necessary budget requirement while applying for minor/major research projects funded by various national and regional bodies.
- ➤ It is extending support for applying grant to various funding agencies and to organize Symposia/ Conferences/ Seminars/Workshops/ Handson-trainings etc. by different faculties of the college.
- The research committee meets twice in a year to review the progress of research projects, identify lapses/ lacunae and providing necessary facilities/work force to hasten the work.
- Faculty members are being encouraged to participate in conferences/seminars/ workshops and to present their research work.
- > Students are also encouraged to do study projects and to participate in seminars/workshops.

Activities of the committee during the assessment period:

- ➤ During the assessment period 6 UGC Minor Projects and 1 Major research project by BRNS-BARC were completed.
- ➤ At present the department of Botany and Microbiology hosting a DST-DISHA major research project.
- ➤ In the assessment period Two International, 10 National and 4 regional events were organized.
- ➤ The committee coordinated the purchase of higher end research equipment by utilizing BSR, CPE, Autonomous grants of UGC.
- Faculty members presented 104 papers in International/National/Regional seminars/conferences.
- > Students attended and presented poster in 100th Indian Science Congress.
- ➤ The faculty members were encouraged to publish research articles in various national and international Journals.



HINDI:

Two Day International conference on Contemporary issues in "Literature & culture" on 6th & 7th Feb 2015

BOTANY:

Three Day National Symposium on Algae For Human Welfare (AFHW-2015) from 19th to 21st Aug 2015.

COMMERCE:

Two Day National Seminar on "Innovative Trends and Global Advancements in Technology, Industry, Banking and Finance" on 23rd & 24th Sept 2016



PHYSICS:

Two day national seminar on the theme "Advanced Materials in Science & Technology" on 23rd & 24th Sept 2016



SCTLUY. SCTLUY. RAKINADA PR GOVT

MATHEMATICS:

Two day national seminar on the theme "Recent Trends and application in Mathematics and Statistics" on 28th & 29th Sept 2016



HUMANITIES:

Two Day National Seminar on "National Integration: Emerging Trends in Socialization" on Nov 28th and 29th 2016 by Dept. of Humanities

CHEMISTRY:

Two Day International Conference on "Emerging Trends in Chemical Pharmaceutical, Environmental Sciences & Technology



3.1.2 What is the policy of the College to promote research culture in the College?

- Research is one of the areas of priority and is being promoted by research committee in association with IQAC.
- Research laboratories were developed in Chemistry, Zoology and Botany departments.
- ➤ College has been organizing seminars / conferences by inviting the eminent Professors and scientists from reputed organizations and Universities.
- ➤ Inculcating research culture among the students through study projects and sending them to the seminars/conferences.
- Autonomy is given to the Principal investigator of a project, advancing the fund for utilization, providing adequate infrastructure and human resources to complete the task.
- ➤ INFLIBNET facility and imprint journals subscribed by central library are helpful to the researchers for literature survey. A good number of reference books in the library are also serving the requirements of faculty and students pursuing research projects.
- Two faculty members i.e., Dr. M.V.K. Mehar, Lecturer in Physics and Dr. P.Subhashini, Lecturer in Mathematics utilized the FDP and got Doctoral degrees in 2013. Presently Sri P. John Kiran, Lecturer in Zoology is on FDP at Andhra University, Visakhapatnam.



Dr. M.V.K.Mehar:

Receiving Doctorate in Physics for his thesis on "Structural, Electrical, Elastic and Magnetic properties of Sb/Mo substituted Lithium ferrites for potential applications"



Dr. P.Subhashini:

Receiving Doctorate in Mathematics for her thesis on "Fixed Points of contractive maps by alternating Distances, Existence of coupled coincidence points and coupled common fixed points".



Dr. V.Anantha Lakshmi:

Receiving Doctorate in Mathematics for her thesis on "A study on Uni-dominating and total uni-dominating functions of some standard graphs"

3.1.3 List details of prioritized research areas and the areas of expertise available with the College.

S.No	Department	Prioritized research areas
1	Geology	Mineral exploration – Gems
2	Mathematics	Fixed Point Theory, Graph Theory
3	Chemistry	Environmental Chemistry, Drugs, Nuclear Chemistry, Chemical kinetics
4	Botany	Marine Botany, Agricultural Microbiology
5	Zoology	Coastal Fauna, Aquaculture
6	Computer Science	Data mining
7	Economics	Gender Inequalities
8	Commerce	Mutual funds
9	Hindi	Ajnay Novels in Hindi literature
10	English	Caribbean literature, Fictions by O.Henry

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes/ projects? Advancing funds for sanctioning Projects:

- > The funding agencies released grants along with the sanction letters of the projects and hence no need has arisen for advancing funds.
- ➤ Complete autonomy is given to the principal investigator for utilizing the overhead charges. No delay is caused in the timely release of grants, usually requests for release of grants are conceded within 48 hours.
- The Principal executes the timely submission of audited Utilization Certificates by the investigators as soon as the project ends.

Providing seed money:

Some newly entered faculty were provided with seed money in the form of Faculty Research Projects from UGC-CPE grant to start research work.

Autonomy to the Principal Investigator/co-ordinator for utilizing over-head charges:

➤ Principal Investigator has freedom to do research on their level, he/she has been provided autonomy by the institution to carry out research work.

- ➤ For the practical work in major research project, the faculty has made a weekly schedule including Sunday where the practical work is carried out by research-fellow under the guidance of Principal Investigator. For the minor research projects, the time is made available according to the convenience of the Principal Investigator.
- Adequate infrastructure and human resources are made available as per the need of Principal Investigators handling projects.

Timely release of grant:

➤ College implemented the process of giving one time administrative sanction for complete duration of the project for utilization of the funds allocated to the respective projects under respective heads. College has implemented a fair process for purchase of various items, equipment and recruitment of project personnel by displaying the details in the College web site.

Timely auditing:

Facilitate timely auditing and Submission of utilization certificate to the funding authorities. For major research projects, the Principal Investigator submits audited report to the concerned authority by midterm and after completion of the major research projects. In case of minor research projects, the audited reports are submitted after completion of the projects. These reports are sent to the funding authorities through principal.

Submission of Utilization certificate to the funding authority:

➤ College provides full support for timely preparation and onward transmission of utilization certificate (UC) to funding agencies.

3.1.5 How is interdisciplinary research promoted?

*Between/among different departments of the College:\

- ➤ Faculties of Botany, Zoology and Chemistry undertaken an interdisciplinary consultancy project on Salt pan sector in EGREE region funded by UNDP-EGREE foundation, Kakinada.
- Faculties of Physics and Chemistry are working on Solid State Physics.
- ➤ Faculty members of Botany, Political Science and Economics collaboratively made a study project on Socio-economic and Botanical aspects of Horticulture nurseries at Kadiyapulanka of E.G.Dt., Andhra Pradesh.
- ➤ Depts. of English and oriental languages organized an International conference.
- ➤ Departments of Botany and Zoology collectively conducted a state level seminar on "Mangrove Ecosystems of Andhra Pradesh"

- ➤ Depts. of Oriental languages together organized a 2-Day National seminar on "Comparative study on Dalit Literature in Telugu and Hindi"
- ➤ All faculties of Arts conducted a 2-Day National seminar on "National Integration and Emerging trends in Socialization".

*Collaboration with national/international institutes / industries.

- ➤ Depts. of English and oriental languages took collaboration of Ayodhya foundation to organize International conference.
- ➤ Depts. of Botany and Zoology organized state level seminar in association with UNDP EGREE Foundation and M.S. Swaminathan Research Foundation.
- ➤ Seaweed Research and Utilization Association of India, Parangipettai assisted Dept. of Botany and Microbiology to conduct a 3-Day National Symposium. SERB-DST, Govt. of India; UNDP-EGREE Foundation, Kakinada; GSPC, Govt. of Gujarat; NABARD, A.P.Circle;Sristi Biosciences Pvt. Ltd., Hyderabad; SNAP Natural and Algianate Products Pvt., Ltd., T.N.; Aquagri, T.N.; Aquaculture Foundation of India, T.N.; Linn Plantae Pvt., Ltd., T.N. extended financial aid to organize this activity.
- ➤ ONGC, Kakinada extended financial aid to Dept. of Physics and Electronics to conduct a National Seminar.
- Faculty members of Botany, Zoology and Chemistry extending their expertise to UNDP-EGREE Foundation, Kakinada in developing a comprehensive plan for development of Salt pan sector in E.G.Dt.
- ➤ Dept. of Chemistry organized 2-Day International Seminar in association with Anveyshana Foundation for Education and Research, Vijayawada.

3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students?

- ➤ The college has been inviting eminent Professors/ Scientists/ Researchers/ Scholars/Industrialists/ Business persons etc., to deliver invited talks to students; plenary lectures during Conferences/Seminars etc.,
- ➤ In between 2011 and 2017, many legendry personalities and scholars gestured their presence during International/National activities organized by different faculties and interacted with both teachers and students.
- 3.1.7 What percentages of faculty have utilized sabbatical leave for research activities? How has the provision contributed to the research

quality and culture of the College?

- > During the assessment period, two faculty members availed educational leave for Ph.D. degrees from Andhra University, Visakhapatnam.
- > Presently one faculty member of Zoology is on FDP at A.U., Visakhapatnam.
- > The Principal Investigators of projects are also permitted for such leaves during their field work.
- 3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/ scholars who participated in these events.

National and International conferences/workshops/Seminars organized

S. No	Dept .	Dates	Title of the Conference / workshop/Semi nar conducted	Names of Resource persons
1	Math emati cs & Statis tics	28-9-16 and 29-9-16	National Seminar in Recent Trends and Applications in Mathematics and Statistics	Prof. G.V.R.Babu, A.U., Visakhapatnam Prof. R.R.L.Kantam, ANU, Guntur Prof. G.Radhakrishnamacharyulu, NIT, Warangal; Prof. G.P.Rajasekhar, IIT, Khargpur; Prof.V.Ravindranath, JNTUK, Kakinada; Dr.V.PapaiahSastry, Principal, GDC, Jaggampeta.
2	Che mistr y, Petro chem icals & P.G. Cour ses	26-2-16 And 27-2-16	Two day National Workshop on Radio Chemistry & Applications of Radioisotopes	Dr. A.V.R. Reddy, Professor of Chemistry, Vikram Simhapuri University, Nellore & Former Head-Analytical Chem., BARC, Mumbai; Dr. C.R.V. Subrahmani, Scientist - F, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam; Dr. R. Kumar, Scientist, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam; Dr. DebasishSaha, Scientist, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam; Dr. DebasishSaha, Scientist, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam

3		24-01- 2017 to 25-01- 2017	2 – Day International Seminar Conference on "Sustainable development in Pharmaceutical s, health care, environmental and Chemical Sciences"	Prof.M.Periyasamy, Ad-hoc V_C, HCU, Hyderabad; Dr.P.S.Perumal, CENR, SRM Univ., T.N., Prof. D.B.Ramachary, HCU, Hyderabad, Dr.T.Mallikarjuna Rao, Adigrat Univ., Ethiopia
4	Bota ny & Micr obiol ogy	18-11- 2011 to 19-11- 2011	2-day National Conference on "Recent Trends in Plant Sciences" – Funded by UGC- Autonomous grant	Prof.N.Anand, Former V_C. VELS Univ., Chennai,TN., Dr.T.V.S.Sresty, Scientist, DuPONT India Pvt. Ltd., Hyderabad, Dr.N.B.V.Prasada Rao, Prof.K.Umadevi, AU, Visakhapatnam, Prof.S.Ganapathi, AU, Visakhapatnam, Dr.K.Sarala, Sr.Scientist, CTRI, Rajahmundry
5		24-02- 2012 to 25-02- 2012	2-day National Workshop on "Medicinal Botany" – Funded by UGC (SERO)	Prof.R.RaghavendraRao, Director grade Scientist, NBRI, Lucknow; Prof.P.B.KaviKishor, Professor of Biotech., O.U., Hyderabad; Dr.AndraS.Murty, Former Dy.Director, NBRI, Lucknow; Sri A.R.K. Sastry, Former Jt. Director, BSI, Kolkata; Prof.T.V.V.Seetharami Reddy, Professor of Botany, A.U., Visakhapatnam; Prof. B. Ravi Prasad Rao, Professor of Botany, SKU, Anantapur; Dr.P.RajeswaraRao, Professor of Pharmacy, A.U., Visakhapatnam; Dr.V.MadhavaChetti, Asst. Professor of Botany, S.V.U., Tirupati
6		08-01- 2015 to 09-01-	2-Day State Level Seminar on "Mangrove	Prof.B.KondalaRao, Professor of Marine Biology, A.U., Visakhapatnam;

		2015	Ecosystems of Andhra Pradesh" (MEAP-2015) – Funded by UGC- Autonomous and UNDP- EGREE	Dr.T.RaviShankar, FAO Consultant & Former Scientist, MSSRF, Kakinada; Dr.R.Subramanaian, Scientist, MSSRF, Kakinada; Dr.P.Ramachandra Prasad, Asst. Professor, IIIT, Hyderabad
7		19-08- 2015 to 21-08- 2015	3-Day National Symposium on "Algae For Human Welfare" (AFHW-2015) - Funded by DST, GSPC, UNDP- EGREE, NABARD	Prof.Vidyavati, Former V_C, KU, Warangal; Prof.N.Anand, V_C. VELS Univ., Chennai,TN.; Prof.G.Subramanian, Former Director, NFMCB, BU., Tiruchirapalli; Prof.J.I.S.Khattar, Professor of Botany, Punjabi University, Patiala; Dr.K.RamaRao, Former Dy.Director, CSMCRI, Bhavnagar; Dr.P.V.SubbaRao, Former Scientist- F, CSMCRI, Bhavnagar; Prof.N.Thajuddin, Professor & Head, Dept. of Microbiology, B.U., Tiruchirapalli; Prof.K.Padma Kumar, Pro-V_C, Univ. of Cochin, Kerala St.;Prof.G.SubbaRangaiah, Former Professor of Botany, A.U., Visakhapatnam; Dr.VaibhavA.Mantri, Scientist-E, CSMCRI, Bhavnagar; Prof. Manikya Reddy, Professor of Botany, OU., Hyderabad; Dr. V.Sivasubramanian, Director, PERC, Chennai
8	Zool ogy & Biote chnol ogy	Feb1 & 2, 2012	National Seminar On Climate Change, Impact On Bio Resources Of Coastal Areas- Ugc-Sero	Prof. K.Kathiresan, Director, CAS in Marine Biology, AU, Parangipettai, TN; Dr.Satyanarayana,Sr.Scientist, ZSI, Kolkata; Prof ShivajiRao, Professor of Env.Engg., AU, Visakhapatanam; Prof, H.Srinivas.GITAM Univ.,

			Sponsored Seminar	Visakhapatnam; Prof.Bhanu Murthy, Professor of Physical Oceanography, AU, Visakhapatanam; Dr. P.V.Brahmachari, Asst. Professor, Krishna Univ.,
9	Com puter	28-10-13	ICT Teaching Learning For	Machilipatnam M.Kumar,CDAC,TechnicalOffi cer,Hyderabad
	Scien ce		Higher Education	, ,
10		6-10-15 to 8-10-15	3-Day State Level Workshop On "Technology Enabled Teaching Learning In Higher Education Institutions"	Dr.Premanand, Malbar Christian College, Calicut,Kerala; Sri M.Kumar; Dr. Chakravarthi, JNTU, Kakinada
11		02-12- 2016 to 03-12- 2016	2-Day FDP on Designing and delivering online courses with Open Educational Resources	Prof. K. Srinivas, NUEPA, New Delhi
12	Hind i	6-7 Feb 2015	International Conference on contemporary issues in Literature and Culture	Padmabhushan Prof. Y. Lakshmi Prasad, Professor of Hindi, AU., Visakhapatnam
13		27/9/2016	One Day workshop on Grammar	Dr.K.Nageswara Rao
14		5-12-16, 6-12-16	National Seminar on "The Comparative study of Dalit Literature in Telugu and Hindi"	Padmabhushan Prof. Y. Lakshmi Prasad, Professor of Hindi, AU., Visakhapatnam Prof. Y. P. Singh Director Ayodhya Research Centre; Dr.N. Srivasthava; Prof.V.Simanna, AU., Visakhapatnam

15	Philo soph y, Histo ry, Econ omic s and Politi cal Scien ce	28 th and 29 th November, 2016	National Seminar on "National Integration and Emerging trends in Socialization"	Prof. George Victor, Formor V_C of Adi Kavi Nannayya University, Rajamahendravaram Prof. Sudhakar, University of Hyderabad, Hyderabad Dr.Lakshminarayana, Former CCE, Andhra Pradesh
16	Com merc e	23 rd and 24 th September 2016	Conducted 2 Day National Level, UGC Sponsored Seminar on " Innovative Trends & Global Advancements in Technology, Industry, Banking and Finance"	Dr. P. Venu Gopal,VIT, Vellore; Dr. Thyaga Raju, GDC, Repelle
17	Physi cs and Elect ronic s	23 rd and 24 th September 2016	Two day national seminar on Advanced materials in Science and Technology	Prof. D.Ravindar. Prof.G.MarkanduyuluProf.D.L. Sastri, Dr. M.C.RaoDr.M.V.K.Mehar,

3.1.9 Details on the College initiative in transferring/advocating the relative findings of research of the College and elsewhere to the students and the community (lab to land).

- > The faculty are publishing their research findings in peer reviewed International/ National journals.
- > Students of the college under the guidance of Dept. of Political Science and Lead India made a survey on the working of Angan wadies (Preschool) and submitted a report to UNICEF branch of Andhra Pradesh.

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

Particulars of Faculty members who got Doctorate degrees from 2012 to 2016:

S.N o	Name of the Lecturer	Dept	Awar	d of Doctorate degree
O			Year	University
1	Dr.P.V.S.MachiRaju	Chemistry	2012	ANU, Guntur
2	Dr. M. Mahaboob Pacha	Chemistry	2013	GITAM University, Visakhapatnam
3	Dr. P. Subhashini	Mathematics	2013	AU, Visakhapatnam
4	Dr. M.V.K. Meher	Physics	2013	AU, Visakhapatnam
5	Dr. V. Anantha Lakshmi	Mathematics	2016	SPMVV, Tirupati
6	Dr. P. Hari Ram Prasad	Hindi	2014	AU, Visakhapatnam
7	Dr.T.K.V.Srinivasa Rao	English	2014	AU, Visakhapatnam
8	Dr.M.NaveenBabu	Zoology	2014	AU, Visakhapatnam
9	Dr.K.Narasimha Murthy	Zoology	2014	AU, Visakhapatnam
10	Dr. R.Lydia	Commerce	2015	AU,Visakhapatnam
11	Dr.E.S.R.S.Sarma	Chemistry	2016	AU, Visakhapatnam
12	Dr. D.V.S.N.M.R. Murty	Chemistry	2016	GITAM University, Visakhapatnam
13	Dr. J.Vijay Kumar	Commerce	2016	AU, Visakhapatnam

Major Research Project and Minor Research Project

S.N O	Name of the PI	File no and date of commencem ent	Duratio n and having time upto	Total amount allotted	Amount spent (Rs.)
1	Dr. M. Usha Rani, P.I. & Mentor : Dr. A. SrinivasaRao	DST / Disha / SoRF-PM / 057 / 2013 / G, Govt. of India, Dept. of Sci. & Tech. (Women Scientist Project) – Commenced in 2016.	2016- 2018	17,49,000/-	
2	Dr. P. Hariram Prasad	Letter no 67/ARC/MR P/2015-16 dated 17-06- 2015.	2015 to 2017	2,45,000/-	90,000/-

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

Financial allocations were made under UGC-CPE and UGC-BSR funds for Faculty Research Projects and Student Study Projects.

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

- Financial Assistance was given from BSR funds for student study projects. Assistance of 5% was granted from allocation given to each department during 11th Plan period.
- ➤ The money allocate for Science association was also utilized for financing the student study projects that were exhibited on National Science Day celebrated every year.
- ➤ The college was also assisted by Andhra Pradesh Council of Science and Technology for inculcating research zeal among the students and to organize an Open Day Science exhibition on National Science Day.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

- A provision was made towards seed money for research in UGC-CPE grant under Research: Non-recurring and Research Recurring heads. By utilizing the said allocation all the Science departments procured higher end equipment and also consumables to initiate research.
- ➤ Faculty Research projects were sanctioned to some teaching staff members to initiate research work.

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

> There are no patents.

3.2.5 Provide the following details of ongoing research projects:

A. College funded Minor projects Major projects Along with Industry B. Other agencies - r	-	Number	Name of the funding agency/ Industry	Total grant received
Minor projects	2016	01(Hind	ARC,	

		i)		Lucnow	
				APMAP,	
	2016	01(Bot.)		GoAP	
Major projects	2015	01(Bot.)		DST	
C. Industry sponsored	_	-	-	-	_

- 3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.
 - ➤ BRNS-BARC, Mumbai granted Rs.39,00,000/- to the Department of Chemistry for a project entitled "Baseline survey Soil and Water Analysis at Nuclear Power Plant site at Kovvada".
 - ➤ DST sanctioned Rs.17,49,000/- to Dept. of Botany and Microbiology under DISHA (Women Scientist Scheme) for a project –"Antifungal activities of bacteria isolated from soil and their role of antibiosis exhibited towards suppression of fungal phytopathogens –*Fusarium oxysporum*, *Rhizoctonia oryzae* infecting paddy and pigeon pea crops"
 - AdiKavi Nannaya University, Rajamahendravaram conferred the status of research Centre to the college, Departments of Chemistry, Mathematics, Computer Science, Botany, Zoology, Commerce and Economics were recognized to execute research work. Eight faculty members are recognized as research supervisors.
 - 3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/ National/International agencies).

S.No.	Title of the completed	Dept. & Principal	Gant utilized
	Project	Investigator	(Rs.
1	MRP-		
	4506/14(SERO/UGC)		
	March-2014-	Zoology - Dr. B. Elia	4,30,286/-
	Bathynellacean		
	Biodiversity of		
	Subterranean waters of		

	A.P. with an emphasis		
	on systematic,		
	phylogeny and		
	biogeography"		
2	MRP-4509/14		1,30,000/-
	(SERO/UGC), March-		
	2014 : "A study of		
	digital banking facilities	Commerce -	
	with reference to	Dr. Ch. Ramakrishna,	
	Kakinada in East		
	Godavari District of		
	Andhra Pradesh"		
	1 mania i macon		
3	MRP-4510/14		3,80,000/-
	(SERO/UGC), March-		
	2014: "Synthesis and		
	characterization of Sb ⁵⁺		
	and Mo ⁶⁺ substituted		
	nano-lithium ferrites by	Physics - Dr.M.V.K.	
	sol-gel auto combustion	Mehar	
	method for memory		
	devises and super-		
	conducting state sintered		
	at different		
	temperatures"		
	*		
4	MRP-	Mathematics -	3,50,000/-
	4507/14/SERO/UGC,	Dr. P. Subhashini	
	Mar-2014- "Existence		
	of fixed points and		
	coupled fixed points in		
	metric spaces and		
	partially ordered metric		
	spaces"		
5	MRP-	Chemistry - Dr. M. M.	4,40,000/-
	4508/14/SERO/UGC,	Pacha	
	Mar-2014 Com Code		
	APAN 015 -		

	"Assessment of heavy metal pollution in ground water, surface water and soil of selected land fill sites of Kakinada city"		
6	MRP-4157/12/(Link No.4157) (P.No.184/ MRP/ 12) SERO/ UGC, October-2013 — "Pre concentration and cloud point extraction of some anti-hypertensive drugs from aqueous dilute solutions with special reference to biofluids"	Chemistry - Sri V. Mallikarjuna Sarma,	1,00,000/-
7	UGC – SERO Vide file No. 1/10, "Trace metals in Ambient Air of Industrial and Commercial zones of Kakinada City" during 2010-2012	Chemistry - Dr. M. M Pacha	Rs. 0.65 Lacs
8	MRP-2767/UGC- SERO, February, 2009 – Assessment of ground water quality for applications and health impacts in East Godavari District"	Chemistry – Sri D. Rama Rao	Rs.80,000/-
9	DAE- BRNC Project No.2013/36/18- BRNS Major project - Impact Analysis - Soil and Water Analysis at Nuclear Power Plant site	Chemistry – Sri D. Rama Rao	Rs.41,46,300/-

at Kovvada	

3.3 Research Facilities

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

- ➤ The college allocated an ample amount under UGC-CPE grant to equip all the science departments with which necessary equipment and consumables were procured.
- ➤ By utilizing CPE, MERGED schemes, BSR, Autonomous grants from UGC the college purchased computers and is connected by intranet and internet facilities. Hence, every faculty member can access scientific journals through INFLIBNET/Web.
- ➤ The college could tap Basic Scientific Research (BSR) scheme of UGC and that helped all the science departments to procure higher end equipment / software, to create certain basic needs in department and also for doing Student study projects.
- > Symposia/Conferences/Seminars/Workshops/Hands on trainings organized by the college/different faculties helped to orient the teaching staff towards research.
- ➤ The IMF grant was judiciously utilized for the purpose of maintaining both scientific equipment and computers.

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

- Yes. The research committee is providing all the required information to the needy researchers.
- ➤ The INFLIBNET facility can be accessed in central library or from any place in the college using Internet.
- ➤ There is a NETWORK resource center in Physics block of the college that can be used by faculty and students.
- ➤ The notifications on research funding published in imprint journals are also notified among the faculty.
- ➤ The computers in staff rooms of all the departments can serve the purpose to get timely information on all research related issues.

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

The college offering few P.G. programs and at present there are no registered research scholars.

- There is no residential facility for faculty and scholars.
- ➤ There is a ladies hostel for U.G. students and is provided with Internet facility.

3.3.4 Does the College have a specialized research centre/ workstation to address challenges of research programmes? If yes, give details.

- ➤ There is no specialized research center in the college. Each science department is maintaining its own research laboratory. However, the researchers have freedom to utilize any equipment available in the college with prior permission of the Principal and intimation to the in charge of the department concerned.
- ➤ The department of Mathematics and Statistics has MATLAB and SPSS software that can be used by all the faculty members for data processing.

3.3.5 Does the College have research facilities (centre, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

- ➤ The research laboratory in Chemistry has Atomic Absorption Spectrophotometer, UV-Vis Spectrophotometer, Flame photometer, Uranium analyzer etc., that are being utilized by some scholars registered with JNTU, Kakinada.
- ➤ A group of scientists from ZSI, Kolkata utilized the laboratory facilities in Zoology lab, while they collected marine fauna samples from Kakinada coast.
- ➤ A group of researchers from CAS in Marine Biology, Annamalai University, Parangipettai used the laboratories in Dept. of Botany for analysis of algal samples collected on 9th and 10th January, 2017.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the College through the following:

No. of research papers presented in International/National/Regional conferences

S.No	Name of the Faculty	Dept.	No. of papers presented in Seminars/Conferences			
	Tucuity		Internationa 1		Regiona 1	Tota 1

1	Dr. P.Hari Rama Prasad	Hindi	4	4	-	8
2	V.A.S.Sarada Kumari	Telugu	-	-	5	5
3	Dr.V.Anantha Lakshmi	Mathematics	2	4	-	6
4	Dr.P.Subhashini		1	3	-	4
5	Dr.M.V.K.Mehar	Physics	-		-	-
6	K.VenkateswaraR ao		-	4	-	4
7	UVBB Krishna Prasad		-	4	-	4
8	K.JayaDev		-	4	-	4
9	A. Simhadri		-	3	-	4
10	B.Srikanth		-	3	-	3
11	E.V.S.Subrahman yam	Chemistry	-	5	-	5
12	Dr. M. M.Pacha		5	8	-	13
13	V. Mallikarjuna Sarma		-	5	-	5
14	Dr, E.S.R.S.Sarma		-	5	-	5
15	D.RamaRao		3	21	-	24
16	Dr. K.V.Sobha Rani	Computer Science	-	1	-	1
17	Dr. A.SrinivasaRao	Botany	2	6	-	8
18	Dr. B.Elia	Zoology	-	1	-	1
19	Dr.Ch.Rama Krishna	Commerce	2	9	-	11
20	Dr. J.PanduRanga Rao		-	5	-	5
21	V.Narasimha Swamy	History	-	4	-	4

*major papers presented in regional, national and international conferences

	Research papers presented in Regional, National and International					
	Conferences/Seminars					
S.	Date	Conference/S	Title of the paper	Venue		
No		eminar				
	Departm	ent of Chemist	ry, Petrochemicals &	& PG Courses		
E.V.S. Subrahmanyam, Lecturer in chemistry						
	17-18	Two day	A novel method	A.S.D. Govt. Degree		

	August,	national	for the assay of	College(W), Kakinada
	2016	seminar on	Lisinoprildihydrat	Corrego(11), Ixakiiiada
	2010	Applications	e by visible	
		of	spectrophotometry	
		Nanomaterial	using Isatin as	
			chromogenic	
		s in Energy and	•	
		Environment	agent.	
	D		Pacha, Lecturer in Cl	homistry
1	8th 10th	International	Identification of	Kerala University,
1	December,	Conference,	transport pathway	Tiruvananthapuram
	2011	ICCFRE –	of gaseous and	Tiruvananmapuram
	2011	2011 by	particulate	
		National	emission data of	
		Environmentali		
		st Association	Kakinada city	
		st Association	using hysplit	
	214. 7.1	T1 I 1'	trajectory model	004. I. 1: C '
2	3rd to 7th	The Indian	Health Implications of Air Pollution in	99th Indian Science
	January,	Science		Congress organized
	2012	Congress	Kakinada City	by Kakatiya Institute
		Association		of Information
				Technology (KIIT),
	101			Bhubaneswar
3	18th to	International	Phenolic	VikramaSimhapuri
	19th	Seminar on	Compounds And	University, Nellore
	December,	Current Trends	Its Bio Degradation	
	2012	in	– A Review	
		Environmental		
		Toxicology		
		Experimental		
		Therapeutics		
4	3rd to 7th	The Indian	"Assessment of	100th Indian Science
	January,	Science	Environmental	Congress organized
	2013	Congress	Impact on Eastern	by University of
		Association	Delta of Godavari	Calcutta, Kolkata
			River due to	
			introduction of	
			pollutants"	
5	8th July to	6th	Ambient air quality	"Research Journal of
	10th July	International	of Kakinada City	Chemistry and
	2013	Congress of	with respect to the	Environment" in
		Chemistry and	chemistry of Trace	association with
		Environment	Elements	University of
		(ICCE-2013)		Antwerp, Antwerp,
		organized by		Belgium

		International		
		peer reviewed		
		journa		
6	17th to	International	"Health hazards of	VikramaSimhapuri
U	17th to	Seminar on	Air Pollution – A	University, Nellore
	December		case study of	Oniversity, Nemore
	2013	in	Kakinada city"	
	2013	Environmental	Kakillada City	
		Toxicology		
		Experimental		
		Therapeutics		
7	3rd to 7th	The Indian	"Geochemistry of	101st Indian Science
,	February,	Science	trace elements in	Congress to be
	2014	Congress	the sediment cores	organized by
	2014	Association	of Coringa	University of Jammu,
		rissociation	Mangrove estuary"	Jammu
8	3rd to 7th	The Indian	"Distribution of	102nd Indian Science
	January,	Science	certain heavy	Congress to be
	2015	Congress	metals in the	organized by
	2018	Association	surface and ground	University of
		1 issociation	waters of Kakinada	Mumbai, Mumbai
			City, Andhra	1/10/11/0 01/1/10/11/0 01
			Pradesh, India"	
9	5th to 7th	EGREE	"Ambient air	National Research
	of	Foundation, an	quality of Kakinada	Meet organized by
	November	UNEP project	city with special	EGREE Foundation
	, 2015		reference to	held at
			chemistry of trace	Visakhapatnam
			elements in RSPM"	
	V.MAL	LIKARJUNA SA	RMA, LECTURER IN	N CHEMISTRY
5	21 st ,22 nd	Two day	New methods for	Govt. College(A),
	August.	national	the	Rajamahenravaram
	2015	conference	Spectrophotometri	
		on Advance	c Determination	
		Molecular	of	
		Spectroscopi	Lisinoprildihydrat	
		c techniques	e in Bulk and	
			Pharmaceutical	
	G I F G P G G P M G G		Formulations	
		· · · · · · · · · · · · · · · · · · ·	NTRACT FACULTY	
3	17-18 Two day		A new method for	A.S.D.GOVT.DEGRE
	August,	national	the assay of	E COLLEGE(W),
	2016	seminar on	Metoprolol in bulk	KAKINADA
		Applications of	and formulations by	

		Nanomaterials	visible			
		in Energy and	spectrophotometry			
		Environment	using cobalt			
		Liiviioiiiieit	thiocyanate.			
	Sri D. Rama Rao, Lecturer in Chemistry					
1	11-3-14 to		Characterization	Jamal Mohamed		
2	13-3-14 to		Assessment of	SRM University		
	14-3-14	Conference	Ground water	Channai		
			pollution and its			
			various			
			applications			
3	15-10-14 1	to International	Impact assessment	IICT Hyderabad		
	17-10-14	Conference	of ground water	J		
			with respect to			
			Uranium			
			concentration			
			in pitapuram area			
4	13-11-14 1	to National	Charctristic study	IICT Hyderabad		
	15-11-14	Conference	on ground water			
			Around NPP			
			DAE-BRNS Site			
			srikakulam			
5	13-11-14 1	to National	Base line Survey	IICT HYD		
	15-11-14	Conference	in Proposed NPP			
			site			
6	16-7-15 to	University of	Claimatic changes	University of Madras		
	18-7-15	madras	effects on			
			Mangrove area in			
			Kakinada			
7	8-10-15 to		Case study on	University of		
	10-10-15	Conference	ground water in	Lucknow, Lucknow.		
			Gollprolu area			
8	16-12-15		Chemical and	JNTU H, Hyderabad		
	18-12-15	Hyderabad	metal taxicity in			
			ground water in			
			Jaganadhapuram			
_			area			
9	21-12-15			SR & BGNR Govt		
	22-12-15	Govt College	* *	College Khammam		
		Khammam	Bio Palladium			
			nano particle			
10	3-1-2016		Study of pharma	University of Mysore,		
	7-1-16	Conference	industrial effluent	Mysore.		
			and plant grougth			
			applications			

11	27-1-16 to	National	Estimation of	SV University,	
	29-1-16	Conference	Radio active	Tirupati	
			nuclides in ground	*	
			water		
12	3-3-16 to 5-	Bundelkhand	Biogas industrial	Bundelkhand	
	3-16	University	effluent	University Jhansi-UP	
		Jhansi-UP	application on		
			plant grouth		
			process		
13	11-7-16 to	JNTU H	Heavy metal	JNTU H Hyderabad	
	13-7-16	Hyderabad	contamination in		
			ground water and		
			its effects on		
			health near		
1.4	21 10 15	NY / 1	Thallaravumandal	D ' MI I/I	
14	21-10-16 to	National	Impact assessment	Raja N.L Khan	
	23-10-16	Conference	of Paper industrial	womens college,	
			effluent on	Midnapore, WB	
		<u> </u>	Ground water	1	
Department of Botany & Microbiology Dr.A.Srinivasa Rao					
S.	Date	Conference/S	Title of the paper	Venue	
No	Date	eminar	Title of the paper	Venue	
1	16-11-2013	National	Cyanobacterial	Visva-bharati (A	
		Conference	diversity from	Central University),	
		on "Frontiers	saltpans at	Santiniketan, W.B.	
		in Algology	Kakinada, the		
		and Algal	East coast of India		
		Biotechnolog			
		y"			
2	12.0.2014	(NCFAAB)	T.1 11 1	GUPP GII	
2	13-9-2014	National	Ethnomedicinal	G.V.P.Degree College	
		Seminar on	uses of mangroves	(Autonomous),	
		"Recent	at Kandikuppa in	Visakhapatnam	
		Trends in	East Godavari		
		Phytochemic	District, A.P.		
		al and plant Biology			
		Research"			
3	16-12-2014	International	Efficacy of Plant	Jawaharlal Nehru	
	2012 2011	Conference	Growth	Technological	
		on "Marine,	Regulators on	University-K,	
		Agriculture	Callus Induction	Kakinada	
		and Pharma	Rate in		

		ies"	tumC.Agardh	
4	11-6-2015	National	Diversity of micro	UNDP-EGREE
		Research	algae in salt pans	Foundation, Kakinada
		Meet	at Kakinada, the	at Visakhapatnam
			East coast of India	_
5	12-8-2016	International	Seaweed tissue	VIT University,
		Conference	culture – A global	Vellore, T.N.
		on	scenario	
		"Advances in		
		Algal		
		Biotechnolog		
-	24-12-2016	y"	Caarraad aansaast	Andhus I susta Callana
6	24-12-2010	Three Day International	Seaweed compost alleviates salt	Andhra Loyola College (Autonomous),
		conference	stress in two crop	Vijayawada
		on new	plants	Vijayawada
		approaches	piunts	
		in		
		agriculture,		
		food and		
		environment		
		al Sciences		
		-	Mathematics & Stat	istics
			nantha Lakshmi	
S.	Date	Conference/S	Title of the paper	Venue
No	22.5.14.0	eminar	D 1	INTERITY IZ 1 ' 1
1	23-5-14 &	National	Presented a paper	JNTUK, Kakinada
	24-5-14	Conference	on Edge unidominating	
		on "Emerging Trends in	functions of	
		Mathematical	complete k-	
		Sciences and	partite graphs	
		Engineering	partite graphs	
		Applications"		
2	11-9-14 &	National	Presented a paper	Department of PG
	12-9-14	Conference	on Total	Studies and Research
		on "Recent	unidominating	in Mathematics,
		Advances in	function of a	Gulbarga University,
		Applied	cycle	Gulbarga.
		Mathematics"		
3	12-3-15,	Recent	Presented a paper	Dept. of Applied
	13-3-15	Trends and	on Strongly	Mathematics, Sri
		Advances in	dominating	PadmavathiMahilaVis
		Mathematics	functions of	wavidyalayam,
		and its	completely k	Tirupati.

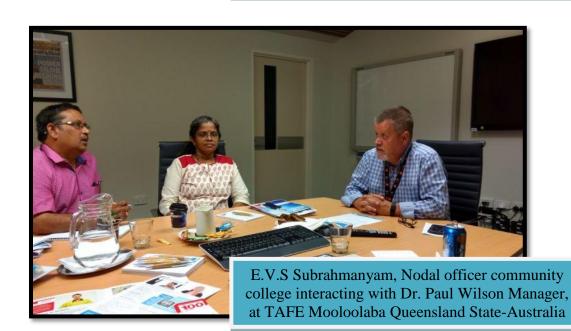
		Applications	partite graphs.	
4	25-3-16,	International	presented a paper	Sri Padmavathi
	26-3-16	Conference	on " Upper total	MahilaViswavidyalaya
		on	unidominating	m, Tirupati
		"Computation	function of a 3-	
		al,	regular wheel	
		Mathematical		
		and		
		Biological		
		Modeling"		
1	6 7 2012		P.Subhashini	A TZNIT I
1	6- 7-2012	National	Paper presented	AKNU,
	7 -7- 2012	Conference	on Coupled fixed	Rajahmundry
			points for a pair of	
			compatible maps	
			satisfying	
			Geraghty contraction	
			condition in	
			partially ordered	
			metric spaces.	
2	27-12-2012,	National	Paper presented	Maharani College,
2	28-12-2012,	Seminar	on Coupled fixed	Vizayanagaram.
	20 12 2012	Schiller	for almost	Vizayanagarani.
			generalized	
			contractive	
			mappings	
			condition in	
			partially ordered	
			metric spaces	
3	29-4-14 to	International	Paper presented	Dept. of Mathematics,
	1-5-14.	Conference	on "Coupled	Andhra University,
			common Paper	Visakhapatnam
			presented on	•
			"Fixed points for	
			almost	
			generalized (phi,	
			psi)-contractive	
			maps in partially	
			ordered metric	
			spaces"	
4	23-5-14 to	National	Existence for	JNTUK, Kakinada
	24-5-14	Conference	coupled fixed	
			points for Meir-	
			keelercontractions	

	Department of Computer Science				
		Dr.K	.V.Sobha Rani		
S.N o	Date	Conference/S eminar	Title of the paper	Venue	
1	23-9-16, 24 -9- 2016	National Seminar	"Innovative Trends & Global Advancements in Technology,Indus try,Banking&Fina nace"	PR Govt. College,KKD	
	•	-	nent of Commerce		
			PanduRangarao		
S. No	Date	Conference/S eminar	Title of the paper	Venue	
1	27-12-2013, 28-12-13	AICTE, NEWDELHI	"Is Competitive Advantage – a New Mantra of Modern Organization"	Sri Vasavi Engineering College, Tadepalligudem, W.G. Dist	
2	31-01-2014 to 2-2-2014	P.G. Centre, P.B. Siddhartha College of Arts & Science, Vijayawada.	Role of CRM in Marketing for success of a Business",	Department of Commerce & Business Administration	
3	5-9-14, 6-9-14	I.C.S.S.R, NEWDELHI & UGC, (SERO), Hyderabad	"State of Indian Higher Education" A study at a glance".	Sir. C.R. Reddy (Autonomous) College, Eluru	
4	15-2-2015, 16-2-2015	UGC, New Delhi	"SWOT Analysis of Entrepreneurship"	S.K.S.D. MahilaKalasala, Tanuku	
5	16-09-2015.	SANKARA College of Science and Commerce, Coimbatur, Tamilnadu	GREEN MARKETING – A Tool for sustainable development in the Modern Business Environment"	SANKARA College of Science and Commerce, Coimbatur, Tamilnadu	
		Depar	tment of History		

	Sri V. Narasimha Swamy				
S.	Date	Conference/S	Title of the paper	Venue	
N		eminar			
0					
1	3-12-2011		Historical	ASNM Government	
			background of	Degree College,	
			rights of	Palakol	
			Physically		
			Challenged		
2	8-11-2012,		Domestic violence	DNR Degree College,	
	9-11-2012		against women	Bhimavaram	
3	10/11/2012		Human rights in	ASNM Government	
			India	Degree College,	
				Palakol	
			rtment of Hindi		
			Iari Rama Prasad		
S.	Date	Conference/S	Title of the paper	Venue	
No		eminar			
1	30-9-14,	Inter	Media	,Dharvad University,	
	31-9-14	National	evamVijanapnoo		
		4	m me naari		
2	10-9-15 to	10 th Hindi	VishvaBhasha	Lal Pared ground	
	13-9-15	World	Hindi	Bhopal	
		conference			
_		-		211 211	
3	26-11-15,	International	Vishwiksthar par	Birla College.Kalyan,	
	27-11-15	conference	Hindi	Mumbai	
4	22.1.16	NY / 1	A 11 1	G. I. (1. C. 11	
4	22-1-16,	National	Andhra sanskruti	St Joseph College	
	23-1-16	Conference	me	Visakhapatnam	
			Ramakavyakaprab		
_	121652	National	hav	CVO Callege Times othi	
5	4-2-16, 5-2- 16	National Seminar	Andhra sanskruti	SVO College Tirupathi	
	10	Semmar	me DhadrashalDamay		
			BhadrachalRamay		
			an : EkAnusheelan		
6	5 2 16 6 2	International	Andhra sanskruti	Andhra University	
0	5-3-16, 6-3- 16	Conference		Andhra University	
	10	Contelence	me PhodrocholPomov		
			BhadrachalRamay		
			an : EkAnusheelan		
		Donor			
			tment of Telugu		
	Smt. V. A. S. Sarada Kumari				

S.	Date	Conference/S	Title of the paper	Venue
No		eminar		
1	9-4-2015,	National		Potti Sri Ramulu
	10-4-15	Seminar		Telugu University,
2	11-7-15,	National		Potti Sri Ramulu
	12-7-15	Seminar		Telugu University,
3	12-3-2016		Community	ANUR, Rajahmundry
			Orientation in	
			Nannayya works	





S. No	Title of the paper	Name of the journal	Volume and year
	Department of Cher	nistry, Petrochemicals & P.G	. Courses
	Dı	. M. Mahaboob Pacha	
1	Ambient air quality at different environmental backdrops of Kakinada city, India	Ecoscan	5(1-2), 95-98 (2011). (ISSN:0974-0376)
2	Trace elemental composition in the atmospheric aerosols of Kakinada city, India	Sustain. Environ. Res.,	23(5), 315-324 (2013). (Print ISSN: 1022-7630 Online ISSN: 1022-7636)
3	Assessment of Pesticide residues in surface waters of Godavari delta, India,	J. Mater. Environ. Sci.	4 (1) (2013) 461- 46. (ISSN:2028- 2508)
4	Air pollution and Health effects of respiratory causes in Kakinada, India: A Fertilizer and Port City	J. Mater. Environ. Sci.	4 (5) (2013) 667- 673. (ISSN:2028- 2508)
5	Assessment of Phenolics in Industrial Waste Waters of Kakinada City, India	Chemenviron.	(ISSN:0972-0626 and E-ISSN 2278- 4527
6	Assessment of Phenolic Compounds in the Surface Waters of Godavari Canal, Andhra Pradesh, India	Current World Environment	Vol. 10(1), 338- 342 (2015)

	Mr. V.MALLIKARJUNA SARMA				
1	A Novel Method for the Assay of Metoprolol by Visible Spectrophotometry using Cobalt Thiocyanate	International Journal of Advanced Research in Science and Technology journal homepage: www.ijarst.com	Int. J. Adv. Res. Sci. Technol. Volume 4, Issue 7, 2015, pp.456-461.		
2	Simple and stability indicating RP-HPLC assay method development and validation lisinoprildihydrate by RP-HPLC in bulk and dosage form	International Journal of Current Research and Academic review homepage: www.ijarst.com	ISSN: 2347-3215 Volume 3 Number 4 (April-2015) pp. 226-233		
3	Visible Spectrophotometric method for determination of Lisinoprildihydrate and Enalapril maleate in bulk and pharmaceutical formulations by DDQ/DMF/DIOXANE (Article ID: IJCT-1547)	Indian Journal of Chemical Technology homepage: niscair.res.in	Communicated, accepted and yet to be published		
	D	r. E. S. R. S. SARMA			
1	Simple And Stability Indicating Rp-Hplc Assay Method Development And Validation Naftopidil By Rp-Hplc In Bulk And Dosage Form	World Journal of Pharmacy and Pharmaceutical Sciences	Volume 4 , issue 5, 900-909		
2	Simple and stability indicating RP-HPLC assay method	International Journal of Current Research and Academic review	ISSN: 2347-3215 Volume 3 Number 4 (April-2015) pp.		

	development and validation lisinoprildihydrate by RP-HPLC in bulk and dosage form	homepage: www.ijarst.com	226-233
3	Visible Spectrophotometric method for determination of Lisinoprildihydrate and Enalapril maleate in bulk and pharmaceutical formulations by DDQ/DMF/DIOXANE (Article ID: IJCT-1547)	Indian Journal of Chemical Technology homepage: niscair.res.in	Communicated in July, 2016, accepted and yet to be published
4	Visible Spectrophotometric Method for Determination of Naftopidil and Telmisartan in Bulk and Pharmaceutical Formulations by Tropaeoline-ooo	Journal of Applicable Chemistry (homepage: www.joac.info)	2016, 5 (3): 678- 686
5	Simple and Stability Indicating Rp-Hplc Assay Method Development and Validation for EnalaprilMeliate by Rp- Hplc in Bulk and Dosage Form	Caribbean Journal of Science and Technology http://caribjscitech.com/	2015, Vol.3, 767- 773
6	Simple and stability indicating RP-HPLC assay method development and	Scholars Research Library Available online at www.scholarsresearchlibrar y.com	Der Pharmacia Lettre, 2015, 7 (4):274-280

	validation of telmisartan		
	in bulk and dosage form		
	Dr. Γ	D.S.V.N.M.Rama Murthy	
1	Separatiuon of	Journal of Applicable	5(2), 325-
	bromocresol	Chemistry	330(2016)
	green(BCG) from	(homepage: www.joac.info)	
	aqueous media		
	(TritonX-100) using		
	CPE method		
2	Separatiuon of Fast	Journal of Applicable	Communicated
	green (FG) from	Chemistry	
	aqueous media	(homepage: www.joac.info)	
	(TritonX-100) using		
	CPE method		
3	Separatiuon of dinitro	Journal of Applicable	Communicated
	salicylic acid(DNS)	Chemistry	
	from aqueous media	(homepage: www.joac.info)	
	(TritonX-100) using		
	CPE method		
	Departme	nt of Botany & Microbiology	
	1	Or. A. Srinivasa Rao	
			T
1	A report on seaweeds	Indian Hydrobiology	14, 2012
	from saline habitats of		
	Kakinada, the East coast		
	of India		
2	Antifungal properties	Agriculture Science Digest	36, 2016
	exhibited by bacteria		
	isolated from		
	agriculturally cultivable		
	soils and their		
	antagonistic nature		
	towards fungal		

	pathogens suppression		
3	Pilot scale field cultivation of Kappaphycusalverezii (Doty) Doty at two different locations in Bay of Bengal waters of Andhra Pradesh,East coast of India	Seaweed Research and Utilisation	38, 2016
4	Seaweeds for Human Welfare	Seaweed Research and Utilization	38, 2016
	Department Department	nt of Mathematics & Statistics	
	D	r.V.Anantha Lakshmi	
1	Unidominating functions of a path	International Journal of Computer Engineering & Technology (IJCET)	Volume 6, Issue 8, Aug 2015, pp. 11- 19.
2	Total unidominating functions of a path	International Journal of Computer Applications (IJCA)	Volume 126 – No.13, September 2015, pp.43-48.
3	Unidominating functions of a cycle	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)	Volume 5, Issue 10, October-2015, pp. 89 -94.
4	Total Unidominating functions of a cycle	International Journal of Engineering and Innovative Technology (IJEIT)	Volume 5, Issue 4, October 2015, pp 64-68.
5	Unidominating functions of a complete k-partite graph	International Journal of Scientific & Engineering Research (IJSER),	Volume 6, Issue 11, November- 2015, Pp 1256- 1261

	Dr.P.Subhashini				
1	Coupled fixed pont theorems in partially ordered metric spaces by altering distances via Geraghty's contraction	J. of advanced studies in Applied Mathematics	VOL.4(4), 2012Pp 75-78		
2	Coupled fixed pont theorems in partially ordered metric spaces by altering distances via Geraghty's contraction	Int. J. of Mathematics and Scientific Computing	Vol.2, 2012, ISSN: 2231 – 5330		
3	Coupled common fixed point theorems of ciric type g – weak contractions with CLRg property,	J. of Non linear analysis and optimization	Vol:4(1), 2013,133 – 145, ISSN: 1906 – 9605.		
4	Generalization of fixed point results of contractive maps by altering distances	Thai J. of mathematics,	Vol: 11(2), 2013, 447 – 459, ISSN.: 1686-0209		
5	Coupled common fixed points of contraction maps with a rational expression in partially ordered metric spaces	Adv. Studies Contemporary Math.	Vol:23(3), 2013(July), 1229- 3067		
6	Coupled coincidence points of Ø almost generalized contractive mappings in partially metric spaces	J. of Advanced Research in Pure Mathematics	Vol:5(4), 2013,1 – 16, ISSN: 1943- 2380.		
7	Coupled fixed points theorems for generalized strip Ø contractions in	J. of Advanced Research in Pure Mathematics	Vol. 2(2), 2014, ISSN,1943-2380		

Department of Zoology & Biotechnology Dr.N.Srinivas 1		ordered metric Spaces					
Conservation of Lake Kolleru: Status Report, N. Sreenivas& P. Anil Science and Technology.		Department of Zoology & Biotechnology					
Kolleru: Status Report, N Sreenivas& P Anil Trace metals in zooplankton of Coringa, Manerove Ecosystem. Zooplankton chatracteristics in the Coringa wild life 1. First Asian record of the genus Paravulobathynella (Malacostraca: Bathynellacea) with description of new species from southeastern India, and Amendment of the Generic DiagnosisYRangaRedy, EliaBandari, VenkateswaraRaoTotak ura 2. A new species of the genus Tropodiaptomus(Copepo da, Diaptominae) from Nepal,			Dr.N.Srinivas				
N Sreenivas& P Anil Trace metals in zooplankton of Coringa, Mangrove Ecosystem. Zooplankton chatracteristics in the Coringa wild life 1. First Asian record of the genus Paravulobathynella (Malacostraca: Bathynellacea) with description of new species from southeastern India, and Amendment of the Generic DiagnosisYRangaRedy, EliaBandari, VenkateswaraRaoTotak ura 2. A new species of the genus Tropodiaptomus(Copepo da, Diaptominae) from Nepal,	1	Conservation of Lake	International Journal of	Vol.2, Issue 3,			
Trace metals in zooplankton of Coringa , Mangrove Ecosystem. Advanced Research in Science and Technology. Advanced Research in Science and Technology. Vol.4, Issue 3, 2015.		Kolleru: Status Report,	Advanced Research in	138-141.2013			
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Diaptominae) from Nepal,							
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	iElia.		
		Dr. M. NaveenBabu	
1	PhytalNematodes Associated with CaulerpaFastigiataandCa ulerpa Taxifoliaof Visakhapatnam Coast	International Journal of Biology, Pharmacy and Allied Sciences(IJBPAS)	April, 2012, 1(3): 331-336
2	First record of ChaetocerosMinimus (Bacillariophyceae) from the Indian Waters	Marine Biodiversity Records, page 1 of 4. # Marine Biological Association of the United Kingdom	Vol. 5; e37; 2012 Published online
3	Retrieval and Validation of Chlorophyll-a Concentrations in the Coastal Waters Off Yanam and Kakinada (Godavari) Basin Along East Coast of India	J Indian Soc Remote Sens	DOI 10.1007/s12524- 013-0282-3
4	Five new records of free-living marine nematodes (Nematoda: Enoplida) from Indian waters	Indian Journal of Maine Sciences	Accepted for publication
	Dr.	K. Narasimha Murthy	I

1	Seasonal and spatial constraints of fluorophores in the midwestern Bay of Bengal by PARAFAC analysis of excitation emission matrix spectra	Estuarine, Coastal and Shelf Science	100 (2012) 162e171		
2	First record of Chaetocerosminimus (Bacillariophyceae) from the Indian waters	Marine Biodiversity Records, page 1 of 4. # Marine Biological Association of the United Kingdom, 2012	doi:10.1017/S1755 267212000255; Vol. 5; e37; 2012 Published online		
3	Colored dissolved organic matter signature and phytoplankton response in a coastal ecosystem during mesoscale cyclonic (cold core)	Marine Environmental Research journal homepage: www.elsevier.com/locate/m arenvrev	98 (2014) 49e59		
4	Fluorescent Dissolved Organic Matter Dynamics in the Coastal Waters off the Central East Indian Coast (Bay of Bengal)	Environment and Ecology Research http://www.hrpub.org DOI: 10.13189/eer.2016.040103	4(1): 13-20, 2016		
	Department of Commerce				

	Dr. J. PanduRangarao			
S. No	Title of the paper	Name of the Journal	Volume and year	
1	entitled "Data Protection Position in London" an online study on HSBC Bank.	International Journal of Engineering Research & Technology (IJERT)	Vol. 1 Issue 6, August - 2012 ISSN: 2278-0181	
2	"Optimization An Effective tool of Management".	International Journal of Advanced Arts, Science and Engineering [IJOAASE]	ISSN 2320-6136 Volume 1 Issue 1, 2013	
3	"Role of Strategic Management in Indian Hospitality and Tourism Industry".	International Journal of Advanced Arts, Science and Engineering [IJOAASE]	ISSN 2320-6136 Volume 1 Issue 2,	
4	"Role Human Resource Management in sustainable development".	"The Board of International Journal of Recent and Innovation Trends in Computing and Communication"[IJRITCC]	volume2, issue 9 September 2014.	
5	After Sales Service for Honda Motors – An Evaluative Study	Indian Journal of Commerce and Management Studies [IJCMS] ISSN 2249-0310	Volume 1V Issue 2, Dated December 2012.	
6	"e-HRM add value to the HRM- to obtain optimum potentials from the available Human Resources".	"Commo'n'man" An Indian Journal Of Commerce And Management	- ISSN 2348-4934 Volume 1 Issue 1,	
	Γ	Dr. Ch. Rama Krishna		
1.	"Efficiency in Electronic Banking – An Article	Title: "NEW INNOVATION IN BANKING SECTOR"	ISBN: 978-93- 5056-727-2	

	Published in 2015	Discovery Publishing House Pvt.Ltd., Delhi, pg.67(Edited Book)			
2.	Micro Finance – A tool of Poverty Alleviation for Economic Development of India	Financial Inclusion in India, Role of SHGs and Microfinance Paramount Publishing House, Hyderabad.	Pg.93		
3.	"A study of Digital Banking Facilities with reference to Kakinada in E.G.Dist of Andhra Pradesh"	International Journal of Academic Research, Impacat Factor:3.075	Vol.2 issue 4 Jan – Mar,2015,pg.22-30 ISSN.: 2348-7666		
4.	Ä Study of online banking Attacks and Vulnerabilities	International Journal of Academic Research	ISSN.: 2348-7666, Vol.2 issue 4(5) Oct – Dec,2015,pg.128- 135 Impacat Factor: 3.075		
5.	Human Rights and Intellectual Property Rights – A New perception	International Journal of Academic Research	Vol.2 issue 4(3) Oct – Dec,2015,pg.297- 303 Impacat Factor:3.075, ISSN.: 2348-7666		
6.	Operation of Mobile Businesses of three Companies R.Com, MTS and AIRCEL- Under a New Entity lead by Reliance Communications in 2015- A Study	International Journal of Academic Research	Vol.3 issue 1(2) Jan,2016,pg.93- 101, Impacat Factor:3.075, ISSN.: 2348-7666		
	Department of English				

	Dr.T.K.V. SrinivasaRao				
1	1 V.S.Naipaul: A bundle of contributions Research in India				
]	Department of Hindi			
	D	r.P.Hari Rama Prasad			
1	Manosamajikupnyaskar	Inter National Juornal, Shod	Jan.2013		
	Ajney	Smiksh our Mulanakan	ISSN 0974-2832		
2	Paribhashikasabdhavali	Inter National	Aug.2013		
		Juornal,Universal Research analysis	ISSN 2229-44-6		
3	BharateeyaSanskruti	National Juornal,	Vol.2 ,2013		
4	Nayevimrshakasamajsas	VimalVimarsh. Inter National	Mar.2014		
*	thra	Juornal.Yogvata	Wiai.2014		
5	Sundar Bandar	Inter National	June 2014		
		Juornal.Yogvata Dept. of Physics			
		Dr.M.V.K.Mehar			
1	Elastic behavour of Sb ⁵⁺ substituted Lithium	World Journal of Science and Technology	2(11)p. 64-66, 2012		
2	Elastic behavioor of	International Journal of	2 (7)p. 1-2,		
	Mo ⁶⁺ substituted	Research and Publication	2012. July 2012.		
3	Micro structural	International Journal of	B Vol: 26 No. 32		
	dependence of Magnetic	Modern Physics	2012 Id No.		
	properties of Sb ⁵⁺ substituted Lithium		1250204 (9 Pages)		
	Ferrites.		rages)		
4	Structural properties of	International Journal for	2(11)		
	Antimony substituted	Scientific research and	2015		
	LithiumFerritess	development			
	Intered at high				
	temperature.				

5	Structural parameters	International Journal of	2 (4) 2015
	of Molybdenum	Research Engineering and	
	substituted Lithium	technology	
6	DC electrical	International Journal of	4 (2) 2015
	Properties of	Applied Science	
	Antimony substituted	Engineering and	
7	Ultrasonic studies and	International Journal of	4 (7) July
	excess properties of	Innovative Research	2015
	binary mixtures of	Science Engineering and	

4 faculty serving on the editorial boards of national and international journals

> Dr. Ch. Ramakrishna, Lecturer in Commerce

- 1. Member of Editorial Council for International Journal of Academic Research, (IJAR) ISSN NO.2348-7666, Impacat Factor: 3.075
- Member of Editorial Council for International Journal of Advanced Scientific Research and Development (IJASRD) ISSN NO.2394-8906,e ISSN No.2395-6089
- 3. Member of Editorial Council for International Journal of Academic Scientific and Research(IJASR), ISSN No.2272-6446
- 4. Member of International Research Journal of Commerce and Law (IRJCL), ISSN No. 2349-705X, Impacat Factor: 2.915

> Dr. M. MahaboobPacha, Lecturer in Chemistry

Member of Editorial Council of Research Journal of Chemistry and Environment. E-ISSN No.: 2278 – 4527. The monthly online E-journal had SCI impact factor of 0.636 for year 2012 assessed from January 2012 to December 2012. Impact factor for year 2011 was 0.379; for year 2010 it was 0.292 and for year 2009 it was 0.323

> Dr. Panduranga Rao, Lecturer in Commerce

Associate Editor, International Journal of Advances in Arts, Sciences and Engineering (IJOAASE)

> Dr. A. Srinivasa Rao, Lecturer in Botany

One of the 5 editors for Vol.38(1) of Seaweed Research and utilization International Journal.

4 faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.

Dr.A.SrinivasaRao is organizing committee member for 3 day International Conference on "Advances in Algal Biotechnology" held at VIT University, Vellore, Tamil Nadu from 10-8-2016 to 12-8-2016.

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

The college tapped funding Rs.1,00,000/- from NABARD, AP circle and published Vol.38 of Seaweed Research and Utilisation (International Journal), 2015.

3.4.3 Give details of publications by the faculty:

♣ Number of papers published in peer reviewed journals (national / international)

S.No	Subject	National	International	Total
1	Chemistry	02	16	18
2	Botany	01	03	04
3	Mathematics	-	12	12
4	Zoology	01	12	13
5	Commerce	04	08	12
6	English	01	-	01
7	Hindi	01	04	05
8	Physics	-	07	07
Total		10	62	72

- Chapters in Books
 - **E.V.S.Subrahmanyam, Lecturer in Chemistry** contributed for Andhra Pradesh intermediate board textbooks.
 - 1. Atomic structure 2. Chemical kinetics 3. Electrochemistry
 - > Dr. P Anil Kumar and Dr. N Srinivas, Lecturer in Zoology

- Co Authors for Intermediate ZOOLOGY Text Book for I & II Years of both English and Telugu media Published by the Telugu Academy, Hyderabad 2014
- Co Authors for the EAMCET Zoology Question Bank Published by the Telugu Academy, Hyderabad, 2015.

> Dr. K. Subhashini, Lecturer in Economics

- ❖ In the book Censes 2001, Chapter "Gender Inequalities in literacy rates" is published in 2012.
- Two Chapters in Economics Text Book published by Telugu Academy in 2014 for Board of Intermediate Education.

4 Editing Books

> Dr. Ch. Ramakrishna, Lecturer in Commerce

Edited "Entrepreneurship Education and Training programs: Dimensions for Success" in the book "A Strategic Perspective on Innovation Management and Entrepreneurship Development in India, ISBN 978-93-83729-57-9, Sucharitha Publications, Visakhapatnam, pg.165"

Books with ISBN numbers with details of publishers

> Dr. T.K.V. Srinivasa Rao, Lecturer in English:

Two books published

- 1. Culture shock, Suchitra publications, Vizag
- 2. Naipaul's India a Linguistics distance

> Dr. P. Hari Rama Prasad, Lecturer in Hindi:

Three Books Published

- 1. TulanatmakaSahitya: Hindi and Other Languages
- 2. Hindi TelguSahityakeVividhaVimarsh
- 3. SahityaSamajtathaSanskrutikeSamaKallenaPrashna

> Dr. V. Srinivasa Rao, Lecturer in English:

Author for undergraduate text book in English "Skill Pro Text book for Communication and Soft Skills" approved by APSCHE.

> Dr.Ch.Rama Krishna, Lecturer in Commerce

- 1. "Lovely Management of Mental Health in the work force" published in "Lovely Management in Business Organisations" Discovery Publishing House Pvt. Ltd., Delhi. ISBN: 93-5056-429-7 in 2014.
- 2. "VaanijyAurVyaapaarkejagath me Hindi Sahity" published in SaraswathiPrakashan, AyodhyaSodhSansthan,

AYODHYA,UTTAR PRADESH, Feb, 2015 with ISBN: 978-93-81980-28-6

- 3. "Efficiency in Electronic Banking An Article Published in 2015, Title: "NEW INNOVATION IN BANKING SECTOR" ISBN: 978-93-5056-727-2, Discovery Publishing House Pvt. Ltd., Delhi.
- 4. "MICRO FINANCE A TOOL OF POVERTY ALLEVIATION FOR ECONOMIC DEVELOPMENT OF INDIA" Published the books of Paramount Publishing House, New Delhi, ISSN No. 978-93-85100-16-1 in 2014.
- 5. "Entrepreneurship Education and Training Programme at Various Levels: A Study of Dimensions for Success" Pg.165-174 published in A Strategic perspective on Innovation Management and Entrepreneurship Development in India by Sucharita Publications ISBN No.978-93-83729-57-9, 2015.
- 6. "Existence of Green Marketing in 21st Century A study in Indian Perspective" pg.252-258, published in Innovative Trends and Global Advancements in Technology, Industry, Banking &Finance published by PND Publishers with ISBN 978-1-5376-3806-5 in Sep, 2016.
- **4** Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)
 - Citation Index range / average
 - > SNIP
 - > SJR
 - ➤ Impact factor range / average
 - ➤ h-index

The particulars related to above aspects are presented in the evaluate reports of respective departments

3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty.

Dr.P.Hari Rama Prasad, Lecturer in Hindi guiding one M.Phil., candidate under DBHPS, Chennai.

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research? N.A.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavor.

The college encourages inter-disciplinary studies. The Departments of Botany, Zoology and Chemistry are involved in an inter-disciplinary project for the sponsored research given by EGREE Foundation.

3.4.7 Mention the research awards instituted by the College.

Encouraging the faculty to publish research articles in peer reviewed journals by providing incentives like paying the reprint charges and etc.

3.4.8 Provide details of

- research awards received by the faculty
- ➤ During the assessment period 11 faculty members received Doctorate degrees.
- > Dr. P. Hari Rama Prasad, Lecturer in Hindi received IUFF award from APCCE, Hyderabad.
- ➤ Dr. P. Hari Ram Prasad, Lecturer in Hindi received 'Shanta Bhai Memorial Award' from Tejaswi Asthitva Foundation, New Delhi for his contributions to research.
- **Recognition received by the faculty from reputed professional bodies and agencies**

S.No	Name of the Faculty and Designation	Capacity in the organization	Name of the Professional body
1	Dr. M. MahaboobPacha, Lecturer in Chemistry	Fellow Member	International Congress of Chemistry and Environment
2	Dr. M. MahaboobPacha, Lecturer in Chemistry	Life member	Indian Association of Science Congress, Kolkata

3	Dr. M.	Life member	Indian Association of
	MahaboobPacha,		Chemistry Teachers,
	Lecturer in		Mumbai
	Chemistry		
4	Dr. A. SrinivasaRao,	Life member	Seaweed Research and
	Lecturer in Botany		Utilisation Association,
			Parangipettai, Tamilnadu
5	Dr. V.Anantha	Life member	Andhra Pradesh State
	Lakshmi, Lecturer in		Mathematical
	Mathematics		Association

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

Members of the faculty who have received State, National and International recognitions are congratulated in College Assembly, which is done on every Monday and through the College PA system. Their achievements are also brought to the notice of staff and students through a message of congratulation on the College notice board and the College's official Website. Besides, they are also felicitated on the College Day by the Chief Guest before the august gathering of invitees, public, parents, faculty, and students.

3.5 Consultancy

3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.

The College exuberantly encourages consultancy by the faculty members. With the permission of the Principal, the faculty members can accept consultancy either to industry or other educational institutions. The fees thus earned shall be shared by the College and the Individual in the ratio of 3: 7 only after payment of service tax, etc. as applicable.

➤ Dr. A. Srinivasa Rao is a consultant for salt pan sector of UNDP-EGREE Foundation – Rs.45,000/- credited to CPDC account of the college.

3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?

Yes. The College has an Institute-Industry Cell. It caters to the needs of different departments to get necessary permissions from industries to accept students for doing project works. The Cell, in collaboration with Placement Cell arranges recruitment drives, both on-campus and

off-campus. The Cell also offers **support services** to different departments to sign **Memorandum of Understanding** (MoU) with various industries and professional bodies in areas of mutual interest.

3.5.3 What is the mode of publicizing the expertise of the College for consultancy services? Mention the departments from whom consultancy was sought.

- ➤ The official **Website** of the College also has details regarding the expertise of the College.
- ➤ Botany department with salt pan sector of UNDP-EGREE Foundation
- English Department translation for Sri Krishna Committee which was constituted by Central Government for State Division

3.5.4 How does the College encourage the faculty to utilize the expertise for consultancy services?

The College encourages the faculty to take up consultancy services by permitting the faculty concerned to utilize **one day per week or four days** in a month during an academic year with the specific approval of the Principal, provided alternate arrangements for classes and other commitments are made by the faculty member.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

Consultancy services provided by the College include training to the industrial partners, conduct of their placement interviews as experts in selection committee, educational services, technical services, etc.

Most of these services are on an honorary basis.

S.No.	Department	Area of	Consultancy	Amount
	involved	Consultancy	provided to	generated
1	Botany,	Salt pan sector	UNDP-EGREE	45,000/-
	Zoology, Chemistry		Foundation	
2	Botany	Supply of medicinal plants	Farmers, students and other public	Formal
3	English	Translation	Sri Krishna Committee	Formal

- 3.6 Extension Activities and Institutional Social Responsibility (ISR)
- 3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.

The college has always been in the forefront to undertake extension activities thus fulfilling its institutional social responsibility. The college has 4 NSS Units with 350 volunteers and NCC with 30 cadets in each year. Various programs were undertaken under extension activities through NSS and NCC. Some of the Outreach Programs conducted:

Academic	Institutional Social Responsibilities and extension		
Year	activities activities		
2013-14	Health awareness programme on Drug abuse and illicit		
	trafficking Rally has been organized on 26 th June 2013.		
	Aids Rally was inaugurated by the District Collector in		
	our college involving the students of all Schools,		
	colleges and Nursing of the town.		
	MANA TV programme was given by Final B.Sc students		
	on Bio diversity Science Express on 30 th July 2013.		
	Dr. M. MahaboobPacha, Lecturer in Chemistry, Dr. P.		
	Anil Kumar, Lecturer in Zoology, Dr. Ch. Rama		
	Krishna, Lecturer in Commerce, Dr. A. SrinivasRao,		
	Lecturer in Botany, Sri. V. SrinivasaRao, Lecturer in		
	English presented live class during the academic year		
	2013-14		
	> Sri. T. K.V. Srinivas, Dept. Of English presented live		
	programmes at MANA TV., Hyderabad on "Human		
	Values and Professional Ethics.		
2014-15	> Sri T.K.V.SrinivasaRao and Sri V. SrinivasaRao,		
2011.10	Department of English have delivered a number of Radio		
	talks/lessons on FM Radio Ala 90.8.		
	Sri. V. SrinivasaRao delivered two MANA TV Live		
	Telecast Presentations		
	➤ Sri. T.K.V. SrinivasaRao master trainer in Human		
	Values and Professional Ethics acted as Resource Person		
	for several training programs by the CCE, AP.		
	Hyderabad.		
	Celebrated 100 years of Sri. Palagummi Padma		
	,		
	RajuGaru on 06-06-2014 & Conducted Essay Writing		
	Competition on the story Head Master written by		

- Palagummi Padma RajuGaru& Delivered message by Dr. AluriVijayaLakshmi & Story Writer VedagiriRambabugaru
- ➤ Anti Tobacco Day on 01-06-2014 by 6(A), NCC Naval Wing
- ➤ World Environment Day on 05-06-2014 by 6(A), NCC Naval Wing
- ➤ World day against Child Labour on 12-06-2014 by 6(A), NCC Naval Wing
- ➤ Anti Drug Abuse day on 26-06-2014 by NCC Air force wing
- Conducted Mega Biodiversity Camp in collaboration with UNDP – EGREE Foundation, Kakinada 30th June, 2014
- ➤ Rally on World Population Day by DM & HO, Kakinada on 11-07-2014
- ➤ Conducted Sadbhavana Rally on 20-08-2014
- Traffic Safety Awareness Program by Sri. Satyanarayana, Traffic Inspector on 07-09-2014
- ➤ Voluntary Blood Donation Camp by Dr. Sudheer, GGH, Kakinada on 10-09-2014
- Conducted Beach cleaning on 20-09-2014
- Conducted Vanamahotsavam at KoringaMada Forest in collaboration with A.P. Forest Department on 24-09-2014
- MANA TV Live Program by students on Biophysical techniques on 24th, September, 2014
- ➤ World Sight Day Awareness on Eye Donation by Badam. Balakrishna Eye Bank, Kakinada on 09-10-2014
- ➤ HUD HUD Cyclone fund of amount Rs. 25105/- was collected from general public and from the college, and handed over to district Collector on 17-10-2014.
- ➤ Organized Swachh Bharath Program on 17-10-2014 participated all faculty & 1500 Students in the Program.
- ➤ Conduct of Science-fare for high school students by Chekumuki organization on 18-11-2014
- Cadets donated blood at Boats Club, Kakinada on 23-11-2014
- ➤ Demonstration programme on Chromatographic techniques at ASD Women's College-Sri V. MallikarjunaSarma was the Resource Person on 15-12-2014
- > Students of the Department established a stall and highlighted the biodiversity in Coringa Mangrove Ecosystem and Salt pans of Kakinada during

	International conference on Marine, Agriculture, &Pharma Biotechnologies at JNTU – K from 15th to
	17th December, 2014.
	➤ DRC Activity - Conduct of practical for GDC, Yeleswaram on 5th & 6th, January, 2015.
	Conduct of Practical's to Students of GDC, Yeleswaram
	on 5th & 9th, January, 2015 by Departments of Botany,
	Zoology, Physics & Chemistry
	Participated in Republic Day parade on 26-01-2015 at
	District Police Ground.
	Conducted competitions for school students on 26-2-2015
	> Open day Science Exhibitions on 28th February, 2015
	Donation of rice to orphanage home parivarthana. The
	rice was collected from the Students and Staff on weekly
	assembly session under donation of handful of rice
	programme
	 Dept. Of Mathematics Faculty members visited schools
	and conducted competitions in mathematics as a part of
	outreach programme.
	 Donations collected by NCC Cadets for Sainik Welfare
	fund, Community Welfare fund by NSS, RRC Clubs,
	rana, command, womane rana by 1000, rate blabs,
	etc from the students & staff of the college and other
	etc., from the students & staff of the college and other
2015-16	public in the town.
2015-16	public in the town.➤ Volunteers of Eco club participated in a rally organized
2015-16	 public in the town. Volunteers of Eco club participated in a rally organized by A.P.P.C.B. on 05-06-2015, to observe World
2015-16	 public in the town. Volunteers of Eco club participated in a rally organized by A.P.P.C.B. on 05-06-2015, to observe World Environment day.
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2015-16	 public in the town. Volunteers of Eco club participated in a rally organized by A.P.P.C.B. on 05-06-2015, to observe World Environment day. Eco-Club made display boards to create awareness on different environmental issues among student community and also staff of the college.
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Kakinada and donated 60 and 40 units of blood.

	>	Rally organized on the eve of International AIDS day on
		01-12-2015 along with D.M& H.O., Kakinada.
	>	•
		in association with H.D.F.C. Bank, Kakinada and 100
		units of blood was donated to G.G.H., Kakinada.
	>	
		the eve of National Voters day.
	>	•
2016-17		Rs.10,000/- (CPE grant)procured.
2010-17	\ \(\)	8
		VanamManam plantation programme conducted on 29-
		07-2016.
	>	Health club organized an awareness program on 09-08-
		2016 regarding the incidence of Cancer – Onchology.
	>	Students raised a fund of Rs.11.300/- for treatment of
		R.Abishek and donated on 17-08-2016.
	>	\mathcal{E}
		of INTACH, Kakinada on 19-08-2016.
	>	F8
		conducted with the support of Badam foundation on 01-
		09-2016.
	>	
		Environmental engineer from A.P. Pollution control
		board gestured his presence.
	>	On 26-09-2016, students and faculty participated in a
		campaign to eradicate mosquito menace.
	>	A group of 70 girls formed into 14 teams and visited
		Tribal/rural villages to create awareness among
		adolescent girls in a program- MaguvaTelusuko,
		mooted by the District administration on 16-11-2016.
	>	D 11
	>	
		assistance of doctors from Govt.General Hospital,
		Kakinada, 50 units of blood was donated.
	>	
		camp for 100 villagers at adopted village, Ganganapalli
		in collaboration with Sankurathri Foundation – Kiran
		Eye Hospital, Kakinada on 22-12-2016.
	>	NSS volunteers went for a door to door campaign on 22-
		12-2016 in the adopted village on Cashless transactions
		in view of demonetization.
	>	On 07-01-2017, Sri G.S.Panda Das, Commissioner of
	 	Collegiate Education participated in Janmabhoomi
		program along with NSS P.O.s and volunteers. The
		villagers were counseled on the need for construction of
		vinagers were counseled on the need for construction of

toilets in every house to eradicate open defecation.

3.6.2 How does the College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

The college neighborhood network is promoted by

- ➤ Conducting awareness camps, literacy promotion campaigns
- > Students are also making sustained efforts to make aware of surrounding population of college aware about the drug menace, women trafficking
- Visits to old age home
- ➤ Visits to differently abled children schools
- ➤ Adoption of villages by NSS units
- Organizing health camps for students, their parents and neighborhood community
- ➤ Motivating neighborhood for pulse polio
- Voters Day and Communal Harmony



Observed National Voters Day on 25th January 2017



Observed International Yoga Day 21st June 2016



Rally against Mosquito menace on 24th June 2016



Awareness Procession on 01-12-2016, Worlds AIDS Day



Blood Donation Camp on 09th Dec 2016 in association with Red Cross society Kakinada



Observed World Sight Day- Awareness Program on eye Donation 09-10-2015 in association with Badam Balakrishna Eye bank. Kakinada

3.6.3 How does the College promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

- ➤ Under CBCS Pattern, credits have been allotted for participation in Extra Curricular Activities (NSS/NCC/Sports/Self Defense Techniques/Yoga)
- ➤ The College encourages students to actively participate in NSS and NCC
- ➤ The college has been allotted four units of NSS. The college has 4 program officers for NSS
- ➤ The college has all the three wings viz. Infantry, Naval and Air wings of NCC units. The NCC wings are managed by care taken faculty members.
- > Regular programs for NSS and NCC are essential features in college curriculum.



Plantation of Saplings in College Campus 29-07-2016



Awareness rally on Cashless transactions dated 06-12-2016



Our College Student educating high school students of tribal welfare school on health and hygiene



Sri G.S Panda Das, IAS CCE-AP addressing the public at Ganganapalli , NSS-Adopted village

- 3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower the under-privileged and most vulnerable sections of society?
 - ➤ The NSS units of the college have promoted cleanliness, environment sensitivity, drug abuse have been successfully organized.
 - ➤ Communal Harmony Programs
 - ➤ National Integration Programs
 - Participating in Pulse Polio Program
 - ➤ Traffic awareness campaign by NSS and NCC students.
 - ➤ Wealth out of Waste Program
- 3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

No awards received for the extension activities. But all the programs were well appreciated by the beneficiaries and other public.

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The participation of the students in extension activities leads to practical experience which effectively supplements their theoretical knowledge imbibing awareness of civic responsibility, social understanding, Leadership, Community building and team building skills and helps them to face the challenges in Society with courage. Under CBCS the college awards credit to students taking part in NSS, NCC, Sports and Self Defense course.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

The college encourages the students and faculty members to participate actively in various outreach programmes organized by NSS and NCC to inculcate a sense of social responsibility of all stake holders of the college. The following are few important activities:

- Massive tree plantation in college.
- Mega blood donation camp in college in collaboration with Indian Red Cross Society,
- Programmes on Swachh Bharath.
- ➤ Programmes on pulse polio immunization by NSS volunteers.
- ➤ Programmes on AIDS awareness programmes by Red Ribbon Club.
- ➤ NSS day celebrations in the college.
- ➤ National Voters Day celebrations by NSS.
- ➤ National Consumer Awareness Day by NSS volunteers to take part in rally to spread awareness.

3.6.8 Does the College have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

Yes.

- The faculty members and counselors at the Department/College level monitor the students' involvement in various social movements.
- The college maintains a record of students' activities and the students' efforts are evaluated in the curriculum and awarded credits.

NSS Units I & II:

- ➤ On 29th July, 2016 about 1000 saplings were planted in college campus as a part of the A.P. State Govt. programme 'Vanam-Manam'.
- ➤ On 24th September conducted door to door campaign on 'Mosquito Menace' and enlightened about 320 families on the issue.
- ➤ On 29th September, 2016 NSS volunteers participated in a rally conducted by Apollo Hospitals Kakinada in view of "World Heart Day"
- ➤ Observed "Police Commemoration Day" on 17th October, 2016 and in this connection Essay Writing, Elocution and other competitions were conducted to students.

- As a part of the A.P. State Govt. programme 'Fight against Mosquito Menace' NSS volunteers and students attended a massive rally along with Sri N. Chandrababu Naidu, Hon'ble CM of AP on 22nd October, 2016.
- ➤ Organized an awareness rally on 1st December, 2016 in view of 'Worlds AIDS Day'.
- Awareness Campaign and Field visit was conducted on 6th December, 2016 in Kakinada town along with officers from State Bank of India.
- A Blood Donation Camp was organized on 9th December, 2016 in association with H.D.F.C. Kakinada and also G.G.H., Kakinada.
- ➤ On 20th December, 2016, District Fire officer enlightened the students on fire accidents with live demos.
- ➤ Mega Eye Camp was organized at adopted village, 'Ganganapalli' in association with Kiran Eye Institute' Kakinada on 22nd December, 2016.
- Conducted grama sabha and door to door campaign on 7th January. 2017 at adopted village, 'Ganganapalli' on 'Sanitation and eradication of open defecation'. Our Hon'ble CCE, AP and Hon'ble M.L.A. Kakinada Rural were present during this activity.
- ➤ A special camp was conducted from 30th December, 2016 to 5th January, 2017.

NCC:

Academic Year	Wing	Activity
2011-12, 2012-13	Army	Celebrated NCC day on 25-11-2012 and inview of this cadets visited blind children school near atchampet junction in Kakinada. IGC camp was organized in Nuzvid. National Integration Camp-III was attended by the cadets from 10 th to 21 st January,2012 at Mahir, Santa. Six best cadets who participated in I B.C. (Inter Bn. Competitions) stood in first
		place. Five cadets participated in the IGC

	competition. One cadet attended to pre RDC-I, three cadets attended to pre RDC-III.
	S.U.O. Mr.Anil II B.Sc.(M.P.Cs.) selected for RDC. It is the top most achievement in the NCC events.
	35 cadets formed as a army platoon in the district level RDC parade and they stood II place and got trophy.
	20 cadets involved in Flag Day programme on every 7 th December and collecting fund for ex-service men families.
Naval	National Integration Camp-II was attended by Lt.NCLRK Prasad and cadets from 8 th to 19 th January,2013 at Ropar, Haryana.
	Cancer awareness rally was organized on 4-2-2013.
	Participated in KRIYA, a social service organization on 8-3-2013 and 9-3-2013.
Air Wing	All India VayuSainik Camp – October 2011 held at JAKKUR AIR FIELD, Bangalore. Four cadets from Kakinada group were participated in Drill cmpetitions, skeet, 0.22 range fire and also Health and Hygiene competitions.
	Four cadets of the college attended to the National Integration Camp-January, 2012 held at Ananthapur.
	Eight cadets were represented from the college and stood in 1 st place in drill competitioons in the State level Inter group competitions held at Secunderabad.

2013-14	Air wing	The cadets won first place in Boat pulling and bagged 6 gold medals at State level Inter group competitions. Two cadets of the college participated in all India level NauSainik camp at Vizag. Participated in district R.D. and
		Independence day parades. Organised the AIDS awareness and Cancer awareness rallys on the concerned days. Two cadets participated and won silver
		medals in Flying and 0.22 Rifle cometitions in All India VayuSainik Camp-October 2013. Five cadets were represented from the
		college in the National Integration Camp-December, 2013 held at Secunderabad. Eight cadets were represented from the
		college and stood in 1 st place in drill competitions in the State level Inter group competitions-September,2013 held at Warangal.
2014-15	Naval	Organized Anti Tobacco Day on 2-6-14, World Environment Day on 5-6-14 and World Day against Child Labor on 12-6-2014.
		CATC at Surampalem from 7 th August to 16 th August, 2014. MAGAR War Ship visit on 12 th August,
		2014. Conducted Sadbhavana Rally on 20-8-2014
		and Beach Cleaning on 20-9-2014.

	Conducted Vanamahotsavam at
	KoringaMada Forest in collaboration with
	A.P. Forest Department on 24-9-2014.
	7.1. Forest Department on 24 7 2014.
	Observed Coastal Beach Cleaning Day on
	27-9-2014 and World Elder's Day on 1-10-
	2014.
	Participated in SwachhaBharathProgramme
	on 17-10-2014.
	Cadets donated blood at Boats Club,
	Kakinada on 23-11-2014.
	Participated in Republic Day parade on
	26-1-2015 at District Police Ground.
Air Wing	Conducted Anti Drug Abuse Day on
	26-6-2014.
	20-0-2014.
	Blood Donation by NCC Cadets on
	22-11-2014.
	One cadet participated in State Level Air
	attachment camp Air Force Station,
	Hakimpeta for 15 days 9 th June to 22 nd
	June, 2014.
	Seven cadets participated in National
	Integration Camp – I at AP Police
	Academy, Hyderabad.
	21 cadets participated in CATC – V at
	Nzveedu.
	11 cadets participated in IGC,
	Visakhapatnam from 30 th August to 8 th
	September, 2014.
	Three cadets participated at All India
	VayuSynic Camp at Bangalore from 19-9-
	vayusyine Camp at Dangaiore nom 19-9-

		2014 to 8-10-2014.
		M.DurgaPavani CSUO participated in Special National Integration Camp at APSP grounds, Kakinada as parade commander on 12 th October, 2014.
		This college has donated 75 copies of cadet handbooks for I,II and III years to the Unit Library of 9(A), Air SQW (T) NCC, Kakinada worth of Rs.15,611/
		7 cadets participated in NIC – II at Kanchipuram from 2-1-2015 to 14-1-2015.
		CSUO M.DurgaPavani was selected for Republic Day Parade 2015 and participated in Republic Day Parade at Raj Path, RasthrapatiBhavan, New Delhi. She also got selected for Best Cadet for Governor Medal from AP Directorate of NCC.
2015-2016	Air Wing	Two cadets got prizes (one in drill and other in line area & Tent pitching) in State Level Inter Group competitions held at Secunderabad from 29-8-2015 to 8-9-2015.
		Mr.B.RajaSekhar, Cdt. Corpral got Bronze medal in All India VayuSainik Camp. (AIUSC-2015), National level competitions held at Jodhpur from 17-9-2015 to 17-10-2015.
		Two cadets participated in Air attachment camp at Beedal, Karnataka in November, 2015.
2016-17	>	Eight cadets participated in CATC-IV at Narsapur from 21-07-16 To 30-07-16. Twenty five cadets attended CATC-IV at Nuzvid from 02-08-16 to 11-08-16.

- Seventeen students participated in VSC(IGC)
 16 at Secunderabad from 03-09-16 to 12-09-16.
- Five students attended VSC Training-1 at Secunderabad from 23-09-16 to 02-10-16.
- Five students participated in VSC Launching Camp from 03-10-16 to 12-10-16.
- Five students attended AIVSC at JODHPUR from 15-10-16 to 26-10-16.
- ➤ Two students participated in CATC-X at Nuzvid from 18-10-16 to 27-1016.
- ➤ Two students attended NIC I at RAIPUR from 05-12-16 to 16-12-16.
- ➤ Eighteen students participated in ATC XII Camp at Secunderabad 19-11-16 to 28-11-16.
- ➤ The cadets of the wing participated in rallies in connection with World No Tobacco Day (31-05-16), World Environment
- ➤ Day (05-06-16), World Day against Child labour (12-06-16),
- ➤ International Day against Drug Abuse (26-06-16).
- ➤ International Coastal Cleanup (24-09-16), World Pollution
- ➤ Prevention Day (02-12-16), World Human Rights Day (10-12-16), Mini Marathon Run 5 Km (22-01-17) and World Cancer Day (04-02-17).

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

The college maintains good relationship with other institutions and work with the other institutions on various outreach and extension programmes. Some of them are

- ➤ The college students and staff participate in rallies along with DM & HO, Kakinada on World Population Day, Aids Day.
- ➤ Volunteers of ECO club actively participated in a rally organized by APPCB on World Environment Day. Also in 2012-13 in collaboration with Janavignana Vedika students are participated in rally and planting of trees in the college.
- ➤ In association with HDFC Bank, Red Cross Society, Kakinada blood donation camps are organized in the college. Also the staff and students are voluntarily donated the blood.
- ➤ College students are participated in poster removal activity in association with Municipal Corporation, Kakinada.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The institution not received any awards during the last four years

3.7 Collaboration

- 3.7.1 How has the College's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the College benefitted academically and financially because of collaborations?
 - The college signed MOU with NASSCOM through APSSDC for skill development in Cyber Security and Data Analytics courses. This facilitated operation of certificate programs on said courses in self-finance mode. Further two faculty members got trained at HCU, Hyderabad, ANU, Guntur and JNTU, Kakinada. Two students of III B.Sc. secured jobs as Associate Analysts in Deloitte/INFOSYS after completion of 2 out of three modules in Data Analytics.
 - ➤ Department of Chemistry entered MOU with Das Pharma, Kakinada and also Venky Pharma, Kakinada for operation of Community college programme on ATP. This helps in imparting skills to students and also to get placements.

3.7.2 Mention specific examples of, how these linkages promote

- * Curriculum development
- * Internship, On-the-job training
- * Faculty exchange and development

The District Resource Centre (DRC) of the college enables faculty members of the college to deliver extension lectures at different colleges and experts in various subjects from other colleges, share their expertise with students of the college through extension lectures. Also some of the staff member delivered lectures to the students of all colleges in the

state through MANA TV.

S.No	Department Department	Name of the faculty	Service extended at
			otherUniversity/ college
1	Hindi	Dr.P.Hariram Prasad	Mahila Mahavidyalayam, Mumbai;Y.N.College, Narsapuram; M.R.College, Peddapuram;Andhra University, Visakhapatnam
2	Mathematics	Dr.V.Anantha Lakshmi	Govt. Degree College, Razole; MVN & JSR College, Malkipuram; DNR College (W), Palkol; Ideal College of Arts & Science, Kakinada;GDC, Ramachandrapuram
3	Mathematics	Dr.P.Subhashini	Ideal College of Arts & Science, Kakinada
4	Mathematics	Sri M.Lakshmana Dasu	GDC, Eleswaram
5	Botany	Dr. A. Srinivasa Rao	Ideal College of Arts & Science, Kakinada; MR College, Peddapuram; ASDGDC for Women (A), Kakinada
6	Economics	Sri V.Chitti Babu	GDC, Eleswaram
7	Chemistry	Sri E.V.S.Subrahmanyam	GDC,Eleswaram; ASDGDC for Women (A), Kakinada; Ideal College of Arts & Science, Kakinada
8	Chemistry	Sri R.Brahmaji	GDC, Eleswaram
9	Chemistry	Sri V.M.Sarma	GDC, Jaggampeta

10	Chemistry	Dr.M.M.Pacha	GDC, Anantapur;
			GDC(W), Guntur;
			DRKGDC, Nellore;
			JNTU, Kakinada; GDC,
			Tanuku; DR.VSK
			GDC(A),
			Visakhapatnam; Govt.
			College(A),
			Rajamahendravaram
11	Zoology	Dr.N.Srinivas	GDC,
			Ramachandrapuram
12	Physics	Sri P.S.Brahmachari	Ideal College of Arts &
			Science, Kakinada
13	Physics	Sri K.Jayadev	MNR Degree College,
			Anaparthi; Pragathi
			Degree College,
			Kakinada
14	Physics	Sri U.V.B.B.Krishna	ASDGDC for Women
		Prasad	(A), Kakinada;GDC,
			Ravulapalem
15	Political	Sri	GDC, Tuni; Ideal
	Science	P.V.V.Satyanarayana	College of Arts &
			Science, Kakinada

SNo	Name of the faculty and Department	No. of MANA TV Live Talks given
1	Sri V. Srinivasa Rao, Dept. of English	6
2	Dr. M. M. Pacha, Dept. of Chemistry	12
3	Dr. T. K. V. Srinivas, Dept. of English	20
4	Dr. Ch. Rama Krishna, Dept. of Commerce	3
5	Dr. A. Srinivasa Rao, Dept. of Botany	2
6	Dr. N. Srinivas, Dept. of Zoology	7

Research, Publication

♣ Consultancy, Extension

The college benefits by using the resources of other Government Colleges. To inculcate a sense of scientific temperament and curiosity among students, several workshops and activities are conducted on different topics by inviting eminent teachers & HRs from corporate sectors to support the regular training by JKC.

4 Student placement

Through JKC training the number of students got placements from 2011-12 to are given below:

	FIRM	2011-	2012-	2013-	2014-	2015-	2016-	Cuand
S.No								Grand
	CATEGORY	12	13	14	15	16	17	Total
1	IT & ITES	28	26	41	41	13	18	167
2	BANKING &	4	3	31	65	-	-	103
	INSURANCE							
3	PHARMACY	16	14	19	33	-	9	91
				-				
4	MARKETING	1	1	_	4	_	3	09
					-			
5	SERVICE	37	48	21	31	56	31	224
	ORGANIZATION							
	ORGANIZATION							
6	ACADEMIC	95	66	51	13	68		293
0		73	00	51	13	00	_	493
	ACHIEVEMENTS							
	TOTAL	181	158	163	187	137	61	887

In addition to that some of the students got jobs in the sports quota:

- D. Ravi Kumar, Cricket player got employment in S.C. Railway as T.C.
- ➤ V. Ganesh, Hockey player and University captain got appointment in Income Tax Department.

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance/other universities/industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching-learning, research and development activities of the College?

The college has MoUs with the following institutions and industries:

- 1. Global Talent Track Pvt. Ltd., Pune for Training students for Genpact's reach higher programme. The MoU is made at Pune on 1st Feb., 2015.
- 2. The college entered into a MoU with A.P.S.S.D.C., Govt. of Andhra Pradesh to offer two certificate courses Cyber Security and Data Analytics.

3.7.4 Have the College industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Yes, the college has established JKC labs, Information Technology (IT) and English Language Lab (ELL), according to the need of the industry and the students are made industry ready through a well-structured training program.

Criterion IV INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities:

- ➤ The college has 28 acres of sprawling campus in the heart of Kakinada town. It houses century old Heritage block, Physics, Botany, Commerce and Arts blocks, vocational class rooms and an administrative block in the main campus near Zilla Parishad office. It has a second campus at Balaji cheruvu (7.6 acres) in which Chemistry and Zoology laboratories are accommodated.
- The campus has luxuriantly grown avenue trees with signage boards with botanical names on either side of the internal roads.
- ➤ The college campus is under surveillance of 26 C.C. cameras connected to a split monitor in Principal's chamber.





4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization.

➤ During the period of review, comprehensive plans were submitted to Commisionerate of Collegiate Education, Andhra Pradesh and for RUSA to develop a good built up area and also to get e-learning equipment. CCE, A.P. granted permission to construct additional class rooms and wash rooms by utilizing accumulated special fee funds. The construction work is in progress.

A grant of 2 crores was conferred to the college under 7th Component of RUSA, in which 0.5 crore is allocated for e-learning equipment and 1.5 crores is for construction of additional class rooms, renovations and repairs. Proposals were already submitted to APTS, Govt. of A.P., through CCE, A.P. to procure e-learning material. A new block with 40 class rooms will be added to the college by the academic year 2017-2018.



Measures for utilizing available infrastructural resources:

- ➤ Indoor stadium was constructed on the western part of the college campus and a running track / out-door stadium was laid in open ground adjacent to indoor stadium with U.G.C funds.
- All the Science departments procured higher-end research equipment/software by utilizing U.G.C.-B.S.R. funds.
- ➤ Two B.Voc. Programmes were sanctioned by U.G.C. Commercial Aquaculture run by Dept. of Zoology and Retail Marketing by Dept. of Commerce were started from 2014-2015 academic year.

Padmasri Dr. B.V.R.
Mohana Reddy, M.D. of
CYIENT, Ex-Chairman of
NASSCOM and an
alumnus of the college
contributed Rs.22 lacs to
build an open air



auditorium. The alumni association took up the project after due approval in the 16th Governing Body meeting and the same has been completed with 60 lacs by involving other alumni. Now they are trying to convert it into a convention hall, so that the college will get good revenue.

- ➤ Equal Opportunity Center for disadvantaged sections of students is set up under UGC MERGED scheme with 12 computers and a separate library with competitive books for providing winning edge to the students preparing for competitive exams.
- ➤ Jawahar Knowledge Center is located in Physics block and it takes care of the Career development of students. JKC operates during '0' hours of the college to inculcate language, analytical, soft and software skills to students throughout the year. It has 49 thin clients and 51 monitors connected to two main servers through LAN facility and have internet connectivity. The training facility is extended even to students from other colleges in the town.
- ➤ Dept. of Botany and Microbiology is anchoring a DST- Women Scientist project duly utilizing the higher-end research equipment purchased from both BSR and CPE grants of UGC.
- Two shade net units to cultivate shade plants were set up in the Sri T.U. Chacko Botanic garden utilizing B.S.R. and P.B.D.G. grants of U.G.C.
- ➤ B.Voc. programme on Web designing and Multimedia is the 3rd academic programme that was sanctioned to our college. Dept. of Computer Science is running the programme.
- ➤ Dept. of Zoology and Biotechnology established a laboratory with 12 PCs to inculcate basics of Bioinformatics using a model data base.
- ➤ The college accommodates distance education centers of Andhra University and Dr. B.R. Ambedkar Open University. Contact classes are conducted on Sundays and other holidays.
- The college has two well furnished A.C. meeting halls. A big LCD hall on 2nd floor (seating capacity 400+) and a small hall on ground floor (seating capacity 150). They are located in the Administrative block and equipped with LCD project/smart board and audio equipment. The halls

- are even utilized by the external agencies by paying the prescribed rental charges to C.P.D.C. account.
- ➤ The college also gets some revenue during holidays. The lecture halls are let out for conducting exams by Government and private bodies. The revenue is credited to C.P.D.C. account.
- The college conducts Open exhibition of projects by Science students on 28th February of every year for the benefit of students from high schools and junior colleges in the town.
- ➤ The play ground is used by others for conduct of meetings/sports and the revenue generated is put in C.P.D.C. account.

4.1.2 Does the college have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The college has a prospective and progressive policy to create and enhance infrastructure for an ambient teaching – learning process.

- ➤ Three KYON units, 8 LCD units with peripherals and 2 interactive smart boards were purchased with U.G.C. funds for effective and technology based teaching learning process.
- Laboratory equipment for B.Voc. (Commercial Aquaculture) and 27 PCs with internet facility for B.Voc. (Retail Marketing) were provided to enhance learning in respective discipline centric practical modules.
- Equipment is being purchased for a newly started Community College Programme on "Analytical Techniques in Pharmaceuticals".

4.1.3 Does the College provide all departments with facilities like office room, class room, separate rest rooms for women students and staff?

- ➤ Yes, each and every department of the college has separate Faculty room.
- The class rooms in Administrative, Physics, Botany blocks are being utilized for teaching of various subjects. Arts and Commerce departments have separate blocks.
- Adjacent to Women Empowerment Cell (1st floor of Admn. block), there is a separate waiting hall for women students and women faculty.

4.1.4 How does the college ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

➤ Zoom-Ex scanner that can convert the scanned books into audio files was purchased from HEPSN grant of U.G.C. and provided to visually challenged faculty.

- ➤ About 100 books of History, 50 books of Economics and 20 books of general topics were scanned using Zoom-Ex scanner and were stored in CDs and also in hard disk of a computer in Dept. of History.
- Two screen reading softwares i.e. Kurzval and Jaws are available for the benefit of Visually challenged students and faculty. Further, the visually challenged stakeholders are also using an open source software, NVDA (Non-visual Desktop Access) for their teaching —learning activities.
- ➤ A Flex talk reader and an Angel book reader are provided to visually challenged faculty for reading of scanned books and also for recording and playing.
- ➤ HEPSN center of the college got MP3 audio CDs of English (2 CDs), Telugu (2 CDs), History (4 CDs), Political Science (5 CDs), Public administration (4CDs), Economics (4 CDs) subjects and also some general competitive material (6 CDs) with the collaboration of Samrata Trust, Hyderabad. A Sony DVD player is available for playing the CDs. Apart from this, those materials are also accessed by recording in memory cards of mobile phones.
- A separate wash room in B.A. block is allocated for disabled stake holders.



V. Narasimha Swamy - (Visually challenged) Lecturer in-Charge Dept of History making use of Zoom Ex- Scanner and Flex talk reader

- 4.1.5 How does the college cater to the residential requirements of students? Mention
 - Capacity of hostels and occupancy (to be given separately for men and women):
 - A ladies hostel is located in the college campus and it accommodates more than 100 women outstation students.
 - ➤ B.C., S.C., and S.T. students are given accommodation in off-campus hostels in Kakinada town. They are run by the state Tribal/Social welfare departments.

- **❖** Recreational facilities in hostels like gymnasium, yoga center etc., :
- ➤ A T.V. with cable connection is provided for recreation of the hostel inmates.
- News papers are also made available to the hostlers.
- **Broadband connectivity/wi-fi facility in hostels:**
- A personal computer with internet facility is available in the hostel.



Girls Hostel in college campus accommodating 150 students

4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

- ➤ Health club of the college with the support of Govt. General Hospital and a few private hospitals conducts health checkups and health awareness programmes to the staff and students.
- ➤ College provides group insurance coverage to all the students. The policy amount is met from college special fee funds. Some claims were also settled in the past.

4.1.7 What facilities are made available on the campus to promote interest in sports and cultural events?

- ➤ Five acres of playing ground and a hard gym are available for the students. The college provides coaching in sports and games with the help of District Sports Authorities. The coaches are honored every year on sports day.
- ➤ Brahmarishi Raghupati Venkataratnam Naidu open air auditorium serves the purpose of all intra-collegiate cultural competitions, cultural programmes during occasions such as college day.
- Now the newly constructed Open Air Auditorium (seating capacity 1000) is also used by the students.

4.2Library as a Learning Resource

The college has an iconic Central library located in a century old Heritage (admin) block. The college caters to the learning needs of the students, faculty, support staff and the external research scholars. The library has a book collection of nearly ninety thousand.



Reference Section of our library



Open Rack System: Students searching for books



Library Reading RoomJournals & Magazines



Library Reading Room News Papers Section



E-Learning section
Empowering students through
INFLIBNET



E-Learning Resources for Visually challenged (KURZVEL/ JAWS Software)

4.2.1 Does the library have an advisory committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, the library has an advisory committee with Principal as chairman, librarian as convener and faculty in—charges of all the departments and three students as members. This body meets regularly to discuss the functioning of the library, requirements, utilization of resources, etc., It approves budgetary requirements and reviews the payment of wages to outsourcing staff, expenditure on purchase of books, journals etc., There is a separate special fee advisory committee for reading room consisting of aforesaid body and also 3 student members.

4.2.2 Provide details of the following:

Total area of the library
 Total seating capacity
 :862.50Sq.Mts.
 :150 persons

Working hours on working days on holidays
 Before examination days
 During examination days
 09:30 AM to 05:30 PM
 09:30 AM to 05:30 PM

- **❖** Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources.
- ➤ In a nut-shell, the library has a reading room, two e-learning sections, 1 room for technical processing,1reference section, 3 stacking areas,1 reading section,1 back volume section, 1 archives section, librarian chamber and an issue return section.
- **Reading room**: This was renovated as an annex to library. It is meant for reading news papers, latest issues of Journals /magazines and also for display boards with information on career guidance. In this room 120 persons can sit at a time for relaxed reading.
- ➤ E-learning sections: Three N-computing systems, each connected to 6 monitors are available in 2 sections and have internet facility with 20 MBPS band width. Both faculty and students can access INFLIBNET here. A stand-alone P.C. in one of the sections is allocated for visually challenged students for accessing audio material of their courses.
- ➤ **Processing room**: This area is for depositing and processing newly purchased books until kept in stack areas or reference section.

- ➤ **Reference section:** This section has about 7,400 accessions on different subjects. This room has a space for relaxed reading of 15 persons and also has reprographic facility.
- ➤ Stack areas: One stack area (L-shaped) is meant for recently purchased books kept in iron/wooden almirahs and also open racks. Second stack area consists of old books of languages and literature in wooden open racks, while third stack area has old books of science and Commerce subjects in open racks.
- ➤ **Reading section:** In one of the three stacking areas, a reading section with 2 Tables and 15 chairs is provided for relaxed reading of books by visitors.
- ➤ Back volume section: This section consists of bounded volumes of journals purchased prior to 2015.
- ➤ Archives room: Old and damaged books are kept in this room. Some books from this area are retrieved and kept in stack areas or reference section again.
- ➤ Librarian chamber: It consists of a P.C. (SOUL Server) connected to LAN and also a monitor connected to 16 C.C. cameras as a vigilance measure. A printer is also available.
- ➤ Issue return section: This has three personal computers connected to LAN and are operated with SOUL software for both issue and return transactions of books. It also consists of a TV connected to CC cameras to observe the users activities in the library. A printer is provided to serve the purpose of both library personnel and users.
- **❖** Access the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection)
- The topology of the library is displayed at the entrance.
- Every open rack and almirah has signage board indicating the category of books.
- Three fire extinguishers are available in library to prevent fire accidents.
- > 75 Braille books are available for visually challenged library users.
- A standalone system with Jaws and Kurzvel softwares is provided for Visually challenged faculty and students.

4.2.3 Give details on library holdings Total No.

a) Print (Books, back volumes and thesis):83276 books

b) Non-Print (Microfiche, AV) : 1133 CDs/DVDs'

c) Electronic (e-books, e-journals) :INFLIBNET—which

facilitates an access to all the journals in UGC –N-list.

d) Special collection

Text books : 75876
Reference books : 7400
standards, patents) : NIL

4.2.4 What tools does the library deploy to provide access to the collection?

- ➤ OPAC: Yes, the holdings in the library can be accessed through a link in college website. Both internet (Catalogue) and intranet facility (Web OPAC-IP address based) of the college can be used for searching the availability of books. Users can utilize the accession number of book at the issue counter to save time.
- Electronic Resource Management package for e-journals: Yes, ERMP for e-journals is being utilized with a subscription to INFLIBNET N-list resources, Ahmadabad.
- Federated searching tools to search articles in multiple Databases: This is also made possible through N-list subscription.
- ➤ **Library Website**: A link was created in college website.
- ➤ In-house/remote access to e-publications: Passwords of INFLIBNET are provided to all the users, so that they can access the e-publications in any location.

4.2.5 To what extent is the ICT deployed in the library?

- ➤ **Library automation:** Yes, it is fully automated with SOUL Software purchased with Rs.20,000/- (aegis INFLIBNET, Ahmadabad). The issue return process of books is operated with 2 bar code readers. For book transactions bar codes on the identity cards issued to students and also on books are scanned.
- > Total number of computers for public access: 19 systems
- > Total number of printers for public access: 01 printer
- ➤ Internet band width speed 2 mbps/10 mbps/1GB: 20 MBPS
- ➤ **Institutional Repository:** Annual calendars and Magazines and also other in-house publications are deposited in library.
- > Content management system for e-learning:
- Participation in Resource sharing networks/consortia (like Inflibnet):

4.2.6 Provide details (per month) with regard to.

- > Average number of walk-ins: 250 users per day
- > Average number of books issued/returned :105 books per day
- ➤ Ratio of library books to students enrolled :1 :33 books
- > Average number of login to OPAC :
- ➤ Average number of login to e-resources: 1200 users/yr.

- ➤ Average number of e-resources downloaded/printed : 5 per day
- Number of information literary trainings organized :-

4.2.7 Give details of the specialized services provided by the library

Manuscripts : NILReference :7400 books

- **Reprography**: Xerox of some important topics from reference /standard books are being provided to the users by collecting charges.
- ➤ ILL (Inter Library Loan Service): Yes, Ideal college of Arts & Science, Kakinada; G.D.C., Ramachandrapuram; G.D.C., Mandapeta are borrowing books from our library.
- ➤ Information Deployment and Notification: Yes, Announcements received from Universities, research institutes UGC-N-list, employment notifications are displayed in reading room for career development of the students.
- ➤ OPAC: Yes, data base of the holdings in library are visible to users at library, remote places of college or from their residences with the operation of OPAC in library
- ➤ **Internet Access:** Yes, users can utilize the internet facility during working hours of the library by sitting in any of the 2 e-learning sections.
- **Downloads**: Yes, users are allowed to download the e-content by using e-learning sections of the library.
- ➤ **Printouts:** Yes, 1 printer is available in Issue-return counter can be used for taking printouts by paying charges.
- ➤ Reading list/Bibliography compilation: Yes, reading lists are available for certain categories of books eg. Books for competitive exams, books on personality development.
- ➤ In-house/remote access to e-resources: The library is connected to all the other places of college through LAN and so e-sources of library can be accessed from any place of the college where computers are available.
- ➤ **User Orientation:** At the beginning of every academic year orientation is being given to new entrants.
- ➤ Assistance in searching Databases: Yes, both librarian and Support staff help the users in searching specific databases to meet their requirements.
- ➤ INFLIBNET/IUC facilities: Only INFLIBNET facility is available at the library/college.

4.2.8 Provide details on the library budget and the amount spent for purchasing new books and journals.

Budget sanction ed	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 As on 31-12-16
Special fee grant	3,00,641/-	1,72,500/	1,54,000/	2,00,012/	1,34,757/-	2,00,000/
Autono mous grant	19,478/-	47,409/-	3,37,260/	5,81,202/	1,65,484/-	
UGC- Merged schemes	4,45,972/-	1,20,927/	-	1,12,196/	11,738/-	
UGC – C.P.E.	1,99,998/-	1,99,644/	72,318/-	-	-	
Minor Res. Projects	12,609/-	5,760/-	5,000/-	32,647/-	69,914/-	
UGC - CDP	-	19,181/-	1,26,249/	2,73,496/	-	
A.P. State Govt. Budget (OOE)	-	25,481/-	5,000/-	-	-	
A.P. Govt. S.C. Book bank	-	-	-	4,41,613/	-	3,75,000/
A.P. Govt. S.T. Book bank	-	-	-	61,047/-	9,000/-	1,63,500/
C.P.D.C.	-	-	16,000/-	1,22,800/	1,39,867/-	
B. Voc. courses	-	-	-	1,06,486/	2,21,960/-	
Total	978698	590902	715827	1931499	752720	738500

Number of books purchased or subscribed to journals during 2011-12 to 2016-17

Period	Total Amount spent for purchase of	Books purchased		Journals/1 Subscribe	Amount spend on news papers	
	books, journals/ magazines	Number	Amount	Number	Amount	
2011-12	7,75,114	3,129	7,05,520	104	55,719	13,875
2012-13	1,10,340	125	34,725	105	57,640	17,975
2013-14	4,08,923	1621	3,38,204	102	51,238	19,481
2014-15	13,01,423	6004	12,27,002	106	59857	14,564
2015-16	4,46,023	816	3,76,922	104	49,287	19,814
2016-17 As on 31-12- 16	6,01,612	2398	5,38,500	105	48,412	14,700
Total	36,43,435	13,283	29,82,373	626	3,22,565	1,00,409

4.2.9 Does the library get feedback from its users? If yes, how is it analyzed and used for improving the library services.

Yes, the library takes feedback from its users for providing better service.

4.2.10 List the infrastructural development of the library over the last four years.

- ➤ Renovation of reading room in 2013-14 and also 2014-15 with Rs.1,38,721/- and Rs.1,77,303/- respectively from Autonomous funds of the college.
- ➤ Purchased Godrej double faced open-stacks (Two mains and 13 addons') with Rs.2,00,558/- from Autonomous grant for the year 2013-2014.

4.2.11 Did the library organize workshops for students, teachers, and non-teaching staff of the College to facilitate better Library usage?

- ➤ Conducts orientation to newly admitted students on goods and services of the library at the beginning of every academic year.
- ➤ Organizes 'Library week' celebrations every year from 14th to 20th November to inculcate the habit of reading among all the students of the college. During those celebrations literary competitions are organized to encourage the students and widen their thinking.

4.3 IT Infrastructure:

- A leased line with 20 MBPS from BSNL is a value addition to the college during the assessment period paving way for advanced learning/updating their knowledge.
- ➤ Wi-Fi facility is also available in some places of the college.

4.3.1 Does the College have comprehensive IT policy addressing standards on:

- ➤ IT Service Management: M/s R.K.Computers, Kakinada has been doing service management of the systems in the college for the last 3 years for a maintenance contract of Rs.8,000/- p.m.
- ➤ Information Security: Examination cell is using a Oracle based software for information security. Systems in the examination cell are independent with every day back up and are kept away from main server of the college and are not even connected with internet.
- ➤ **Network Security:** Computers in the college are secured from malware/spyware during internet connectivity using open source/proprietary anti-virus programs.

Risk Management:

- 1. Most of the systems in the college are provided with UPS for risk management.
- 2. In Examination cell every day back up of data is taken to avoid risk.
- 3. Fire extinguishers are available in different places of the college to control accidental fires.
- 4. Eleven C.C. (4 in lab-1, 4 in lab-2, 2 in lab-3 and 1 in faculty room) cameras are connected to a monitor in Dept. of Computer Science to avoid theft/spoilage of computer articles by users.
- ➤ **Software Asset Management:** M/s Hari Enterprises, Hyderabad with an AMC of Rs.20,000/- per annum has been providing and managing software used by Examination cell of the college.

4.3.2 Give details of College's computing facilities (Hardware and software)

- Number of systems with configuration: A total of 503 computers are available in the college.
- **Computer-student ratio:** 1 : 5
- > Dedicated computing facility:
- 1. Mathematics and Statistics, Commerce, Zoology and Computer Science departments have dedicated computing facilities.
- 2. Dept. of Physics has a laboratory with 6 N-computing systems each connected to 4 monitors for Simulation practical's.
- **LAN facility:** All the computers in the college are connected by LAN

- ➤ Wi-Fi facility: Wi-fi facility is available in Principal chamber, Office room, at Economics, Political Science and Commerce departments.
- > Propriety software/Open Source Software's:
- 1. Dept. of Mathematics and Statistics procured Origin, Matlab and SPSS software for practical orientation to both U.G. and P.G. students of Mathematics.
- 2. Dept. of Physics and Electronics purchased software for simulation laboratory from Sri Embedded Systems, Hyderabad.
- ➤ Number of nodes/computers with internet facility :503
- Any other: There are 4 servers are in college, in that 2 for JKC, 1 for Examination cell and other for E.M.S.

			Sv	System Specifications			
.No	Name Of the Department	Make	Processor	RAM	Hard Disk	Monitor	No. C
	Superintendent	Acer	Dual Core 2.7Ghz	2 GB	500 GB	19" Acer	
	A1-Section	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	19" Dell	
	A2-Section	HP	Core i3 4th Gen 3.6 GHz	4 GB	500 GB	19" Acer	
	B1-Section	Acer	AMD Phenome-II 3.10 GHz	2 GB	500 GB	20" Acer	
	B2-Section	Acer	AMD Phenome-II 3.10 GHz		500 GB	20" Acer	
	Typist	Acer	Dual Core 2.4Ghz	1 GB	160 GB	19" Acer	
	NAAC Co-ordinator	Acer	Dual Core 2.2 GHz	2 GB	160 GB	17" Wipro	
	Math's Stat Lab	Acer Veriton	AMD Phenome-II 3.10 GHz	4 GB	500 GB	19" Acer	
	Width 3 Stat Edb	Acer Veriton	AMD Phenome-II 3.10 GHz	4 GB	500 GB	19" Acer	
		Acer Power Series	Dual Core 2.2 GHz	4 GB	160 GB	19" Acer	
_		Wipro	Core 2 Duo 2.4 GHz	2 GB	160 GB	19" Acer	
		Acer (Zebronics)	Dual Core 2.7Ghz	4 GB	500 GB	19" Acer	
_		HP	Core i5 4th Gen 3.2 GHz	4 GB	500 GB	19" HP	-
9	Math's Data Analytics Lab		AMD Phenome-II 3.10 GHz	4 GB	320 GB		-
_		Acer Veriton				18.5" Acer	
		Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	500 GB	17" HCL	
		Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	500 GB	18.5" Acer	
		Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	80 GB	18.5" Acer	
		Acer (Zebronics)	Dula Core 3.0 GHz	2 GB	500 GB	LCD Projector	
		Hp Compaq Presario	Core 2 Duo 2.9 GHz	4 GB	500 GB	18.5" Compaq	
	Math's Dept	HCL	Dual Core 2.4Ghz	1 GB	500 GB	18.5" HCL	
11	Zoology Dept	Acer Veriton	Dual Core 2.7Ghz	2 GB	500 GB	20" Acer	
		Dell	Core I3 4th Gen 3.4 GHz	4 GB	500 GB	20" Dell	
12	Zoology Lab	Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	160 GB	LCD Projector	
		HP	Dula Core 3.0 GHz	2 GB	80 GB	15.6" Hp	
13	Zoology Bio-Informatics Lab	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	20" Dell	
						20" Dell	
		Acer Power Series	Dual Core 2.2 GHz	2 GB	No HDD	19" Acer	
14	Zoology Biotech Lab	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	LCD Projector	
15		HP	Core i3 4th Gen 3.6 GHz	4 GB	500 GB	LCD Projector	
16	Class Room No 46	HP	Core i3 4th Gen 3.6 GHz	4 GB	500 GB	LCD Projector	
17		Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	19" Dell	
	Chemistry Dept	Acer Veriton	AMD Phenome-II 3.10 GHz	4 GB	500 GB	20" Acer	
	Chemistry Lab	Acer (Zebronics)	Dual Core 2.7 GHz	1 GB	160 GB	19" Acer	
	Chemistry PG Class Room	Acer (Zebronics)	Dual Core 2.7 GHz	1 GB	160 GB	19" Acer	
	Chemistry ER Lab	Acer (Zebronics)	Dual Core 2.7 GHz	1 GB	160 GB	19" Acer	
	Chemistry BAARC Lab	Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	160 GB	20" Acer	
22	CHEMISTY BAARC Lab	Acer Veriton	Dual Core 2.7Ghz	2 GB	500 GB	18.5" Acer	
22	Equal Opportunity Center	Dell	Core i3 2nd Gen 3.30 GHz	2 GB	500 GB	19" Dell	
23	Equal Opportunity Center						-
1000		Acer	Core i3 2nd Gen 3.30 GHz	2 GB	500 GB	19" Dell	-
24	Physics Dept	PCS Systems	Dula Core 3.0 GHz	2 GB	160 GB	19" Acer	-
		Acer (Zebronics)	Dula Core 2.50 GHz	2 GB	320 GB	17" CRT	-
	Physics Class Room	Acer	Dula Core 2,50 GHz	2 GB	320 GB	LCD Projector	-
26	Physics Simulation Lab	Hp Compaq Presario	Core 2 Duo 2.9 GHz	4 GB	500 GB	18.5" Compaq	
27	JKC	Dell Optiplex 755	Dula Core 2.50 GHz	1 GB	160 GB	14" Dell	-
		Dell Power Egde				441.0	1
		2900 Server	Xeon 2.0 GHz	2 GB	152 GB SCSI	14" Dell	├
		Gigabyte	Thin Clients				-
	NRC	Hp Compaq Presario	Core 2 Duo 2.9 GHz	2 GB	500 GB	19" Compaq	-
	ELL	Wipro	Dula Core 1.6 GHz	512 MB	80 GB	15" Wipro	
	Hostory Dept	Acer Veriton	AMD Phenome-II 3.10 GHz		500 GB	20" Acer	
31		Zebronics	Dual Core 2.50 GHz	2 GB	320 GB	19" Acer	-
32		Zebronics	Dual Core 2.50 GHz	2 GB	320 GB	LCD Projector	
33		Dell	Core i3 2nd Gen 3.30 GHz	4 GB	500 GB	19" Dell	
	Commerce Dept	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	19" Acer	
	Commerce BVOC	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	19" Dell	
36	English Dept	HP	Core i3 4th Gen 3.6 GHz	4 GB	500 GB	19" Dell	
37	Bio Chemistry Lab	Acer	P-IV 3.00 GHz	512 MB	80 GB	18.5" Acer	
38	Botany Dept	Acer Power Series	Dual Core 2.2 GHz	2 GB	160 GB	18.5" Acer	
	Botany Lab-1	Acer Power Series	Dual Core 2.2 GHz	1 GB	160 GB	LCD Projector	
		Acer Power Series	Dual Core 2.2 GHz	1 GB	160 GB	LCD Projector	
40	Botany Instrumentation Room	Dell	Core i3 4th Gen 3.4 GHz	4 GB	500 GB	19" Dell	
	Library	Acer Veriton	AMD Phenome-II 3.10 GHz	4 GB	500 GB	20" Acer	
		Acer	P-IV 3.00 GHz	512 MB	80 GB	15" CRT	
		HCL	Core 2 Duo 2.93 GHz	2 GB	500 GB	19" Acer	
-		7		4 GB	500 GB		
		Hp Compaq Presario	Core 2 Duo 2.93 GHz			18.5" Compaq	-
		Acer Veriton	AMD Phenome-II 3.10 GHz	2 GB	500 GB	19" Acer	
		Acer	P-IV 3.00 GHz	512 MB	160 GB		-
		Hp Compaq Presario	P-IV 3.00 GHz	512 MB	80 GB	19" HCL	<u> </u>
	Seminor Hall-I	Acer	Dual Core 3.00 GHz	2 GB	320 GB	19" Acer & Projector	
	Seminor Hall-II	Acer (Zebronics)	Dual Core 3.00 GHz	2 GB	320 GB	LCD Projector	1

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- ➤ Presently LAN is in CAT-5 cabling and is to be upgraded with CAT-6 cable to provide quality IT environment in the college.
- Examination cell proposed to purchase multi node server to execute work in more systems and to hasten entry and retrieval of data.

4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

- A computer with internet facility is available in faculty room of every department in the college.
- ➤ Dedicated laboratories with owned/Open source software's and internet facility are available in Departments of Mathematics and Statistics, Physics, Zoology and Biotechnology for practical orientation to both faculty and students.
- Fifty Aakash tablets were provided by M.H.R.D., Govt. of India for advanced learners of the college during 2013-2014 academic year.
- ➤ INFLIBNET facility with an access to e-journals of UGC-N list is helpful for faculty to observe recent research trends in their respective subject areas.



4.3.5 Give details on ICT enabled classrooms/learning space available within the College and how they are utilized for enhancing the quality of teaching and learning.

- Two smart boards were installed in ground floor of A.D. block i.e. one in LCD hall and other in P.G. (Chemistry) class room.
- A total no. of 8 L.C.D.s are available in various departments and class rooms of the college.
- ➤ Three mobile KYON units (integrated CPU-LCD) are also available in the college for teaching in any class room of the college/outreach programmes.

4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

- ➤ The college provides necessary facilities like computer systems with internet connection, LCD projectors, KYON units, e-class rooms, smart boards etc. to prepare and deliver computer aided teaching- learning material to all the departments.
- ➤ In addition to enhance and enrich computer knowledge of faculty for class room purposes, the following training programmes arranged.
- Faculty of the college got trained in a 2-Day workshop on "ICT Teaching-Learning for Higher Education" by experts from C-DAC, Hyderabad on different types of e-sources for teaching-learning activities conducted from 28th to 29th October-2013.
- ➤ Three day workshop on "Technology Enabled teaching Learning in Higher Education Institutions" was organized from 6th to 8th October-2015 for the benefit of faculty of the college and also from different colleges of Andhra Pradesh state.
- Two day workshop on "Designing and delivering on line courses with Open Educational Resources" was organized on 2nd and 3rd December, 2016.
- A faculty member from Dept. of Mathematics and Statistics and another faculty from Dept. of Computer Science attended TOT programme for Q.P.-B.P.M.-I.T.,I.T.E.S.- Analytics- Associate analytics; I.T.-I.T.E.S.- Cyber Security-Security analyst conducted by A.P.S.S.D.C., in collaboration with NASSCOM during 7th to 11th December, 2015 (Module-1),6th to 10th July, 2016 (Module-2) and also 14th to 18th December, 2016 (Module-3).

4.3.7 How are the computers and their accessories maintained? (AMC etc.,)

- From 2013-2014 to till date M/s R. K. Computers, Kakinada has been doing both software and hardware repairs of the systems in the college for a maintenance contract of Rs.8,000/- p.m.
- 4.3.8 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?
 - ➤ There is no direct connectivity to NKN.
- 4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

There is adequate budgetary provision for purchase, upgrading and maintenance of computers.

- ➤ In 2013-14 an amount of Rs. 11.84 Lacs was spent to procure 32 standalone PCs
- ➤ UPS facility at a cost of Rs 2.5 lacs
- ➤ M/s R.K. Solutions and services, Kakinada has been entrusted the maintenance of all the computers with annual maintenance charge of Rs. 96.000/-
- ➤ Winsar Labs, Hyderabad attends the software services @Rs. 15000/- per year

4.4 Maintenance of Campus Facilities

- 4.4.1 Does the College have an estate Office/designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.
 - > Sri V. Chittibabu, Faculty in-Charge, Dept. of Economics is looking after the campus maintenance. Every year allocation is made in special fee funds for this purpose.
 - ➤ Maintenance of laboratories is taken up by the Lecturer in-Charges of respective science departments with the involvement of record assistants and also students.
 - Weeds in the campus are cleared off from time to time by N.C.C. cadets, N.S.S. volunteers and all other students of the college as a part of Swacha Bharat activity.
 - ➤ Interesting plant species are introduced in the Botanical gardens of the college and are provided with signage boards for awareness to students and other stake holders. Two shade net units were constructed to nurture shade requiring/indoor horticultural plant





- 4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.
 - ➤ No, College hires the services of skilled workers such as plumber, painter, electrician, mason and others for maintenance and repairs. The expenditure is met from Autonomous grant or special fee and C.P.D.C. funds.
 - The Xerox machines are maintained through A.M.C. with Laser systems Pvt. Ltd., Kakinada.
 - Additional information regarding Infrastructure and Learning Resources: Solar power is used for Physics Laboratories and Principal's chamber.
 - Intercom facility is available in all the departments, library, office, JKC, Principal's chamber etc. to pass on the information among the faculty.
 - ➤ The public addressing system is provided in all staff rooms, class rooms, office, library etc. to pass on information real time.

Criterion V: Student Support and Progression

5.1 Student Mentoring and Support

5.1.1 Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?

- Yes. The college has an independent system for student support by way of psychological counseling and mentoring. Every teacher is a student counselor for 30 50 students. All the faculty members are discharging their duties as mentors.
- ➤ The counseling system has been practiced since 2002 in the college. The counselor meets her/ his wards and parents periodically.
- The mentor provides constant support, guidance and help. The allotted students approach their mentor/ counselor whenever they need his/her support- the students are given a patient hearing by the counselor and their needs are taken care of through counseling or representing them to the authorities concerned- whether it is principal, hostel warden, district collector or RTC depot manager.
- 1. Academic mentoring focuses on improving students' overall academic achievement, raising student's grades, improving attendance, and curbing drop-out rates.
- 2. Career mentoring helps the youth develop the skills needed to enter or continue on a career path, providing students with a role model who can familiarize them with the world of work and offer guidance and support as they prepare to make the transition from college to work or higher education.
- 3. Personality development mentoring supports youth during times of personal or social stress and provides guidance for decision making. Students are encouraged in the activities of Lead India, Youth Red cross, NSS and Other Students centric activities.
- **4. Women students get special counseling** related to their specific requirements through the woman faculty members and through the **Women Empowerment Cell.**
- 5. Other Support Services include Student Welfare Committee, Grievance Redressal Committee, Placement & Career Guidance Cell, Anti-ragging Committee, Committee for People with Special Needs, Centre for Equal Opportunities, and Remedial Coaching.

Year 2013-14:

- ➤ Two short term courses that are Communicative English and ICT were organized.
- A special EOC cell was created with 11 computers with LAN and Internet facility.
- ➤ Special Coaching for Bank Exam was organized. Coaching for VRA/VAO exam was conducted during the month of Jan. and Feb. 2013
- Midday meal was served for 80 days for 100 poor students during 2013-14.

Year 2014-15:

- Faculty members of Physics donated financial assistance to poor and needy students under UPKAR Scheme, an amount of Rs. 11,000 to 30 students on 07-10-2014 and 18-03-2015.
- Financial Assistance to Meritorious Students by NFCL (Alumni) employees & Swamy Vivekananda Club Rs. 11,000/- to 11 Students on 26-01-2015.
- A counseling session was arranged on 3rd March, 2015 by the Padala Charitable Trust on Empowerment of Students.
- ➤ A programme on Career development –English for Jobs on 9-10-2015.Dr. M.V.V. PrasadaRao, CBSE, New Delhi was the resource person.
- ➤ Training on Communication Skills, Creative Thinking, Personal Skills & Leadership Skills etc., by JC AnirudhSistla, PRO, JCI Junior Chamber International India. Kakinada on 11-02-2015
- ➤ Payment of Rs. 34,177/- towards General Insurance to Students on 12-11-2014
- ➤ Reading material for Competitive Examinations Donated by Sri. Madireddy Subbarao, Alumni was distributed on 15-12-2014.
- ➤ Distribution of Reading material to Entry into Services Scheme Students on 15-12-2014.
- ➤ Career Planning Program by Satish on 29-01-2015.

Year 2015-16:

- An amount of Rs.9,980/- was distributed to some poor and needy students under UPKAR Scheme by faculty of Physics.
- ➤ Payment of Rs. 33,000/- towards General Insurance to Students on 20-03-2016
- ➤ Health Check-up camp was conducted for one week. Chief Guest: Joint Collector Sri S. Satyanarayana, IAS, Superintendent: Dr. PV. Buddha,

- MS, Senior Medical Officer, RMO, GGH, Dr. U Sudheer and a Team of Doctors attended this camp.
- ➤ Sri Sama Satyanarayana Murthy, Alumnus of the college and Philanthropist instituted an endowment Prize in honor of his parents Sri SamaSrirama Krishna and Subhadra with interest accrued on FDR of Rs 2 lacs. The cash prizes shall be awarded to the toppers in Commerce and MPC group in first year examination.



UPKAR Scheme: Financial support to poor students by Dept. of Physics



HEALTH CLUB: Medical Examinations



5.1.2 What provisions exist for academic mentoring apart from classroom work?

Each lecturer called 'mentor' is assigned with a batch of 30-40 students. Mentor meets his/her batch of students and counsels them in their academic, personal, and career planning. The mentor meets students once in every month. Reviews class room attendance. Mentoring also included *academic mentoring* focusing on holistic development, overall academic achievement, raising students' grades, improving attendance, and curbing dropout rates.

Apart from this, lecturers maintain their **Academic Activity Diaries** which also record the academic performances of students in comprehensive continuous assessment. While recording these details, lecturers also concentrate on providing guidance and support for all academic requirements of students.

The Student Welfare Committee takes care of the needs of the students and recommends necessary measures to redress their grievances.

The College takes care of the personal development schemes for students through the following means:

TISS-JKC skill development programme: Our College is one of the colleges in the state identified to train the students under a MoU with Tata Institute of Social Sciences on skill development. Seven modules—Communication skills, analytical skills, entrepreneurship skills, legal literacy, financial literacy, Digital Literacy and Youth Leadership skills are covered under this programme,

Career Counseling: The teacher counselors advise the students in shaping their career taking note of their individual capabilities and innate abilities. The College Library provides all the magazines related to competitive examinations, Individual departments also arrange career counseling sessions.

Soft Skill Development: Soft skills are developed among the students through some of the General Electives like Functional English, and through Communication and soft skill course modules under foundation courses. The Department of English is making a constant effort in making the students communicate in English. The department runs the English Language Lab for honing up the language skills.

Jawahar Knowledge Centre (JKC): Established in the year 2007, JKC has been training the students in communication skills, reasoning skills,

numerical skills and computer literacy besides arranging campus interviews. So far 48 batches of students were trained and more than 1600 campus placements were on record.

Equal opportunities centre: Established under XI plan merged schemes, the EOC organizes training for Banking service, Railway Recruitment board, state public service commission examinations especially for marginalized sections of the society.

APSSDC Courses; the college also offers employment oriented certificate courses, in cyber security, and data analytics.

Each teacher counselor under takes the following services in the counseling system

- 1. Attendance of wards
- 2. Academic Progress
- 3. Payment of fees, Dues etc
- 4. Preparation of student profiles
- 5. Campus cleaning

- 6. Psychological Counseling
- 7. Career Guidance
- 8. Participation in Co/extra Curricular activities
- 9. General Discipline
- 10.Conducting parents meeting once in a semester

5.1.3 Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed.

The college offers a foundation course entitled "Human values and Professional ethics".

The College takes care of the personal enhancement and development schemes for students through the following means:

The Jawahar Knowledge Centre and Equal Opportunities Centre, conduct training in personality development.

Individual departments conduct essay writing, elocution, power point presentations, poster presentation competitions to bring awareness on pollution control, human rights, consumer rights, women empowerment, health awareness etc which also help in enhancing their communication and drafting skills.

Certificate courses in skill orientation offered by TISS-JKC programme help in holistic development of the students offering training to impart entrepreneurship skill, financial literacy, Youth leadership and legal literacy also.

The General Electives provide an opportunity for the students to improve their knowledge in inter disciplinary subjects also.

Students are encouraged to participate in literary and cultural contests organized by various organizations. The students are trained. They won several prizes during the last 5 years.

Support services such as NCC, NSS, Lead India, Red Ribbon Club, Youth Red Cross also help the students in shaping their personality and display their talents and inner qualities.

5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities/information included/provided to students through these documents? Is there a provision for online access?

Yes, the College regularly publishes its updated prospectus and handbooks annually. All the admitted students are given a free copy of the annual calendar and handbook. They can also be accessed on-line from the College Website. The Prospectus provides information relating to the history of the college, courses offered, selection criteria, fee structure, availability of scholarships, CBCS credit frame, list of endowment prizes, code of conduct etc., The calendar also provides the academic schedule, list of holidays, various committees, list of teacher counselors etc.,

Yes, the college hand book can be viewed through college website.

5.1.5 Specify the type and number of scholarships/freeships given to students UG/ PG/ M.Phil./ Ph.D./ Diploma/ others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time. Total Amount of Scholarships Received by Students from the College Management (All figures in lakhs)

A good number of scholarships are awarded to the students every year. In order that no brilliant student is prevented on grounds of poverty from pursuing his academic career the following schemes of

scholarships for the award of merit scholarships were started by the Govt. of India and state Government in 1961-62 and they have been continued ever since

Types of Scholarships:

- 1. Scholarships sanctioned by social/ Tribal Welfare Departments
- 2. Merit Scholarships:
 - i. State Merit Scholarships
 - ii. National Merit Scholarships
 - iii. General Merit Scholarships
 - iv. Telugu Vignana Parithoshakham
- 3. Other Scholarships
 - i. Economically poor persons scholarships
 - ii. Scholarship for physically handicapped students
 - iii. Scholarships for Minority students
 - iv. Scholarships from Rashtriya Sanskrit Sansthan

PARTICULARS OF SCHOLARSHIP HOLDERS IN THE COLLEGE DURING

2015-2016

S.N O	CASTE	FRES H	RENEW AL	TOTA L	RTF	MTF	TOTAL
1	SC	143	121	364	202228	752275	954503
2	ST	21	47	71	608	29705	30313
3	ВC	346	501	847	713868	2430855	3144723
4	EBC	151	223	374	262422	0	262422
5	PHC	2	0	2	0	0	0
	MINORI						
6	TY	15	15	30	4824	25045	29869
		678	907	1688	1183950	3237880	4421830

2014-2015

S.N		FRES	RENEW	TOTA			
0	CASTE	H	AL	L	RTF	MTF	TOTAL
1	SC	167	183	350	729396	1767067	2496463
2	ST	29	53	82	146121	634466	780587
3	ВС	318	491	809	2289625	2548606	4838231
4	EBC	175	195	370	1242914	0	1242914
5	PHC	0	3	3	5905	8000	13905
	MINORI						
6	TY	11	13	24	83550	60636	144186
		700	938	1638	4497511	5018775	9516286

2013-2014

S.N		FRES	RENEW	TOTA			
O	CASTE	H	AL	L	RTF	MTF	TOTAL
1	SC	121	177	298	557296	1553570	2110866
2	ST	31	57	88	159905	715659	875564
3	ВС	328	420	748	2103040	2636872	4739912

4	EBC	133	207	340	1123303	0	1123303
5	PHC	1	2	3	6950	11250	18200
	MINORI						
6	TY	11	9	20	61850	69270	131120
		625	872	1497	4012344	4986621	8998965

2012-2013

-01-	2015						
S.N		FRES	RENEW	TOTA			
0	CASTE	H	AL	L	RTF	MTF	TOTAL
1	S C	116	199	315	674240	1297614	1971854
2	ST	45	90	135	270776	1018095	1288871
3	ВС	266	472	738	2364810	2727861	5092671
4	EBC	135	222	357	1148277	0	1148277
5	PHC	2	0	2	0	0	0
	MINORI						
6	TY	6	9	15	25388	53695	79083
		570	992	1562	4483491	5097265	9580756

2011-2012

S.N		FRES	RENEW	TOTA			
O	CASTE	H	AL	L	RTF	MTF	TOTAL
1	SC	114	244	358	792470	1485615	2278085
2	ST	49	94	143	312610	745230	1057840
3	BC	257	435	692	2127556	2568102	4695658
4	EBC	147	206	353	1150524	0	1150524
5	PHC	0	1	1	1200	4625	5825
	MINORI						
6	TY	0	0	0	0	0	0
		567	980	1547	4384360	4803572	9187932

In addition to these scholarships, the endowment prizes instituted by alumni and philanthropists provide good financial support to students. Number of endowment prizes instituted in the college are 45, out of which 18 prizes are instituted in the assessment period.

The college level poor boys fund allocated from special fee funds provides succor to the economically weak students.

Particulars of the amount distributed to the students through endowment prizes and poor boy fund

endo whicht prizes and poor boy rand						
Period	Amount through endowment prizes	No. of students benefitted	Amount through poor boys fund	No. of students benefitted		
2011-12	97,196/-	54	75,240/-	209		
2012-13	92,555/-	44	49997/-	17		

2013-14	93,524/-	49	49,997/-	14
	15,641/- worth			
	GM	01		
2014-15	1,18,299/-	55	40,000/-	20
	15,641/- worth			
	GM	01		
2015-16	1,38,251/-	68	10,000/-	10
	18083/- worth			
	GM	01		
2016-17	1,60,091/-	70	30,000/-	10
	15,639/- worth			
	GM	01		

5.1.6 What percentage of students receives financial assistance from state government, Central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

About 70-75% of the students receive financial assistance from state government, Central Government and other National Agencies like Sanskrit Vidyapeet etc..

- 5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?
 - ➤ No. The need does not arise as there are no foreign students in our campus.
- **5.1.8** Does the College provide guidance/coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

Yes, Through Equal opportunity centre& JKC. Study Material pertaining to Civil service examinations, NET/SLET Examinations are made available with the Central Library.

S.No	Year	Description	no selected
1	2014-15	:NET:JUN:2013	1
2	2014-15	:NET:DEC:2012	1
3	2014-15	:SLET:FEB:2015	1
4	2014-15	:GroupD:JAN:2013	1
5	2014-15	:GroupD:JAN:2014	1
6	2014-15	:PO:AUG:2013	11
7	2014-15	:PO:OCT:2013	12
8	2014-15	:Police Constables:JUN:2013	43
9	2014-15	:Police Constables:SEP:2014	36
10	2014-15	:PET:AUG:2013	5
11	2014-15	:PET:JUN:2014	2

12	2014-15	:PET:SEP:2015	3
13	2014-15	:TC:FEB:2013	3
14	2014-15	:State Public Service Commission:SI:NOV:2013	4
15	2014-15	:Income Tax Officer:JUN:2013	1
16	2014-15	:Income Tax Officer:DEC:2014	1
17	2014-15	:IT &ITES :JAN:2013	26
18	2014-15	:CLERKS:JAN:2013	3
19	2014-15	:PHARMACY:FEB:2013	14
20	2014-15	:MARKETING:JAN:2013	1
21	2014-15	:SERVICE ORGANIZATION:NOV:2012	48
22	2014-15	:ACADEMIC ACHIEVMENTS:MAR:2013	66
23	2014-15	:IT &ITES :JAN:2014	41
24	2014-15	:CLERKS:FEB:2014	31
25	2014-15	:PHARMACY:JAN:2014	19
26	2014-15	:SERVICE ORGANIZATION:DEC:2013	21
27	2014-15	:ACADEMIC ACHIEVMENTS:MAR:2014	51
28	2014-15	:IT &ITES :FEB:2015	41
29	2014-15	:PHARMACY:OCT:2014	33
30	2014-15	:MARKETING:FEB:2015	2
31	2014-15	:SERVICE ORGANIZATION:DEC:2014	31
32	2014-15	:ACADEMIC ACHIEVMENTS:MAY:2015	69

2015-16 P.G Entrance Best Performances

Name	University	Rank	Subject
V MOHANA MADHURI	ANUR	1	MA
K SIVA PRASSANA	ANUR	10	M.SC PHYSICS
N. PAVAN SANTOSH	ANUR	32	M.SC LIFE SCIENCES
V MOHANA MADHURI	AUCET	36	MA
DURGA	AUCET	39	PHYSICAL SCIENCES
P DIVYA	ANUR	41	M.A ENGLISH
N. S. SWAMY	ANUR	45	CHEMICAL SCIENCES
N. S. SWAMY	AUCET	48	CHEMICAL SCIENCES
M RAMYA KRISHNA	ANUR	59	MATHEMATICS
R SAIHARANATH	AUCET	63	CHEMICAL SCIENCES
N. PAVAN SANTOSH	KIITEE	83	M.SC BIOTECH
N. PAVAN SANTOSH	AUCET	173	M.SC LIFE SCIENCES
B MANNESWARA RAO	ANUR	194	CHEMICAL SCIENCES
B AKHILA	ANUR	244	MATHEMATICS
K TATAYALU	ANUR	407	CHEMICAL SCIENCES
S ARJUNA MURTHY	ANUR	412	CHEMICAL SCIENCES
T VIMALA DEVI	AUCET	585	CHEMICAL SCIENCES

5.1.9 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as additional academic support, flexibility in

examinations, special dietary requirements, sports uniform and materials, any other

Meritorious sports persons are given preference in admissions. Sports achievers are exempted from one mid semester examination when they cannot write both the exams on account of participation in sports events/training. Sports persons are provided with free track suits and other accessories. Extra credits are allotted for outstanding sportspersons. Travelling and other expenses are borne by the college when they attend inter collegiate, inter university, state level or national level sports meets.

The students who participate in extracurricular activities through NSS, NCC, Red Ribbon Club, Eco Club, Lead India, Women Empowerment Cell, Cultural Committee are given remedial coaching.

5.1.10 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

Yes. Jawahar Knowledge Centre (JKC) is operating in the College with the primary aim of providing intensive training to students in employability skills and making them avail themselves of the bright opportunities in the global job market. It provides the data base to any recruiting agency and helps the students to record their candidature for campus drives. It conducts mock interviews helps them to face telephonic interviews. Reading material is provided for numerical skills, reasoning skills, communication skills etc. Skill development given preference in TISS- JKC training programme. Remarkably, the center is best utilized by the poorest of the poor and the marginalized sections of the society. The students belonging to marginalized sections are given 90% fee concession. Students from rural areas who have no access to advantages experienced by their urban counterparts are provided with the latest technologies and opportunities to upgrade their skills and encouraged to compete with others for better standards of

One of the specific objectives of JKC is to conduct placement drives apart from giving them placement training comprising 250 - 300 hours. It also conducts Career Awareness/ Planning Workshops, Training Practice on employability skills by Faculty/Industry and making them participate in campus drives.

Equal Opportunity Centre:

The main motto of Equal Opportunity Centre is to create opportunities for the disadvantaged sections by conducting a short term course in positive discrimination, which includes personality development, positive thinking and confidence building measures to bring about leadership qualities among the identified groups.

Activity for 2010-11.

About 50 students were identified and trained in communicative English and soft skills including the use of ICT. The course material and text books were supplied to each of the students. On positive discrimination lecture was organized by utilizing the services of Sri K.Abraham, DIG stamps & Registration. At the end of this programme a test was conducted in the pass outs were given certificates.

Activity for 2012-13.

Equal opportunity Centre gave coaching to 321 students this year (2012-13) and supplied Books for Bank exams worth Rs.90,000 free of cost.

Activity for 2013-14.

284 students of our college were given coaching for different competitive examinations. Course material was supplied to the students. Mock practice tests were also conducted for the benefit of students

Activity for 2014-15.

320 students were admitted into Equal Opportunity Centre. A screening test was conducted to restrict the intake limit. Lectures on positive discrimination were organized by bringing in experienced resource persons from outside. An illustrious alumnus of the college, Sri Madireddy Subba Rao donated an amount of Rs. 10,000 for study material and the same was distributed to final year girl students.

Career Orientation lectures Arranged:

S.No	Date	Торіс	Resource Person
1	09-09-2014	Opportunities in formulation Industry	Sri G. AnandDeshmuk, Plant Head Dr.Reddy Laboratories, Yanam
2	09-10-2014	Career Development English for Jobs	Dr. M.V.V PrasadaRao CBSE New Delhi
3	18-11-2014	Causing Incredible performance	Dr C. Balaji , Gujarat University
4	22-11-2014	Students and Human Values	Prof K.G.Venu, Sankatika Engineering College
5	28-11-2014	Training programme in Spoken English and Soft skills	Dr.Poorna Prasad, Brain Mantra, Chennai

6	08-12-2014	Business Communication Skills	Smt. B.Radha, KIET Engineering College
7	09-12-2014 10-12-2014	Training Programme on SPSS	Dr. B.Muniswamy AU VSP
8	12-12-2014	Meet the Scientist	Dr. G Bhagavan Narayana, NPL Delhi Prof D L Sastry, AU
9	17-12-14	A lecture on career guidance	Sri YVVSSS Vara Prasad, Associate Professor, Gitam University, Visakhapatnam.
10	29-01-2015	Career Planning	Sri Satish
11	Training on Communication skills, Creative Thinking & Sri J C Anirduh Siskha Leadership Skills		
12	12-03-2015 to 20-03-2015	Employable Skills to final year students by NASSCOM in association with GENPACT New Delhi	Sri K.Joyel, AsstMgrKolkatta Ms. Mounica, AsstMgr Mumbai Sri Praveen Kumar, Asst Mgr Bangalore
13	23-08-2015	Overview of Pharma Industry	Dr. N.V V S Raman, Vice President Hetro Drugs, Hyderabad
14	09-09-2015	Career Counseling by Padala Charitable Trust	Sri Padala Surya Prasad, M.Tech
15	22-12-2015	Interactive Session on Data Analytics	Dr. D.V. Satish, Regional Lead NASSCOM, Hyderabad
16	17-12-2015	Hands on Training	Cultivation of Azolla pinnata
17	12-07-2016	Student Need Analysis	Dr Neha Kapadia, Manager British Council
18	19-08-2016	Seminar on Volunteerism, Indian National Trust for Art and Cultural Heritage	Dr. Ravi Shankar, scientist& Aparna Datta, the Principal HECS (Heritage Education and Communication services)
19	30-08-2016	Class Room to Board Room	Dr. Gampa Nageswara Rao, founder IMPACT, Psychologist

5.1.11 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years

P.R. GOVT.COLLEGE (AUTONOMOUS), KAKINADA				
NO. OF STUDENTS PLACEMENTS THROUGH JKC FROM 2011-12 :887				
Category	No. of			
	Placements			
A)IT & ITES (Wipro, Satyam, CTS, Infosys, CMC,AEC,Datapro, Genpak, Infotec, Syntel, Paradigma, Torry Horris, Reliance, Seek	167			

Mathematics Training and Talent Search programme, Hyderabad Central university, IISc- Bangalore, NIMCET,ICET,AUCET)	293 887
F)Academic Achievements(National level Achievements in IIT,	
Group, Hindustan Global Agency, BJ Services – Mumbai, APPSC Group-II Services, AP Police, Constable,IFFCO)	<i>LL</i> 4
E) Service Organisations(Times of India, NFCL, ONGC, Future	224
Services)	
Eureka Fobes, Seaways shipping Ltd Kakinada, Housing Corporation, Deccan Sugars, HTMT Global Services PVT. LTD, Hiduja Global	09
D)Marketing (Medical Representatives, Bajaj Eco Tec Products,	
Lab, Care Hospital, ArabindoPharamasuiticals, Hetro Pharmacy, Doctous, Divis, Covalent Drugs, Matrix Laboratories Limited)	91
C) PHARMACY (CIPLA, Reddy Labs, Apolo Hospitals, COMO	
HDFC,SBH, Reliance Insurance, SB mysore,SBI,ISBN, HTMT Global Services)	
Visya, SouterenGlobal Services, TATA Life Insurance, SBI,	103
Life Insurance, Aviva Life Insurance, Bajaj Life Insurance, ING	102
B) BANKING & INSURANCE (City Global Services, ICICI, Sri Ram	
Satyam, Nexus SoftwaroSolutions,IBM)	
InfowavesPVT.Ltd, Red E.Solutions,ITOP,E.P.F.O, Satyam, Mahindra	
CIKARSystems, DELLTechnologies, INFOTECH, SKY Lark	
Asia, GE, Delloit, First Software Solutions, Winzest,I-DatPvt.Lmt, ELICO Electronics, MATRIX Laboratory.Career Avenues,	

S.No	FIRM	2011-	2012-	2013-	2014-	2015-	2016-	Grand
	CATEGORY	12	13	14	15	16	17	Total
1	IT & ITES	28	26	41	41	13	18	167
2	BANKING &	4	3	31	65	-	-	103
	INSURANCE							
3	PHARMACY	16	14	19	33	-	9	91
4	MARKETING	1	1	-	4	-	3	09
5	SERVICE	37	48	21	31	56	31	224
	ORGANIZATION							
6	ACADEMIC	95	66	51	13	68	-	293
	ACHIEVEMENTS							
	TOTAL	181	158	163	187	137	61	887

5.1.12 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

Yes, Alumni association supports students and administration in various ways.

- 1. By constructing additional class rooms and auditorium
- 2. By instituting cash prizes / medals for meritorious or poor students.

3. By supporting the administration in organizing events such as founder's day, college day and also by representing alumni in A.C and G.B. Meetings.

"Alumni meet" is conducted every year on 3rd Sunday of December. The Principal is an ex-officio member of alumni association.

So far, the alumni association has spent nearly one crore for college development. They renovated the heritage building by spending more than Rs. 10 Lacs. Additional class rooms were constructed with Rs. 25 lacs. A spacious and prestigious auditorium is nearing completion and so far the alumni spent Rs. 60 Lacs. These gestures are in addition to the cash prizes, gold medals and scholarships.

Some of the alumni are also members of various Boards of Studies. They share their knowledge and experience during the meetings.

5.1.13 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

Yes. There is a student grievance redressal cell in our college. It is constituted with a senior faculty as convener and a few other members. The students approach the committee with grievances. Some of them are extension of exam fee dates, re-scheduling of practical examinations, and problems relating to facilities such as drinking water, toilets, public transport, bicycle thefts.

Some of the grievances identified and redressed are:

- ➤ Ms. J. Lakshmi Prasanna admitted in II BZC (EM) from an affiliated college of Osmania University requested to convert her marks in I-year to the corresponding grades, and the same was done by the examination cell.
- A physically challenged (deaf and dumb) student Ms. Lakshmi Pramela of BA requested for the exemption to write one language examination. Her request is considered and approved in the GB meeting of 2016-17.

5.1.14 Does the College have a cell and mechanism to resolve issues of sexual harassment?

Yes. The women empowerment cell looks into the ender specific problems. Awareness on acts regarding sexual harassment is created to the girl students by inviting advocates.

5.1.15 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes, a few minor complaints have been received so far. The complaints are looked into and accused are given counseling and admonition. Their parents are also summoned. In order to prevent ragging, anti ragging posters are displayed at prominent places and awareness meetings are conducted with senior police and judicial officers. The salient features of anti ragging act are given focus. The same are also printed in our college calendar.

5.1.16 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co - curricular activities, research, community orientation, etc.?

The Continuous Comprehensive Assessment under CBCS pattern requires conduct of curricular and co-curricular activities. 15% of marks are allotted in each subject for the same. Students are motivated to present class seminars, assignments besides participating in field trips and quiz competitions. Introduction of project work inculcates research zeal. Extra credits are also allotted for participation in community service and undergoing training in Jawahar Knowledge Centre. Teacher counselors bring awareness among the students about the advantages of participation in such activities.

5.1.17 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

Students who excel in sports are given preference in admissions under sports quota. They are encouraged to participate in sports competitions by giving them exemption from writing one mid semester exam if they are in sports meet at that time. They are gifted with track suits and other sports gear. Extra credits are allotted for outstanding sport stars. Travelling and other expenses are borne by the college when they represent the college at inter collegiate, inter university, state level and national level sports competitions.

Interested students are selected and given training in various cultural activities. The college Cultural committee takes care of the requirements of the students who participate in inter collegiate competitions conducted by the Government or other organizations. The members of the committee and the student councilors identify the talented students and encourage them to participate in cultural events.

- Lt. Gen V.V.S. Prataparao, an alumnus of our college instituted a 22 ct. Gold medal worth Rs.20,000/- for the student who stands first in carnatic music competitions.
- Sri Badam Madhava Rao, chairman Abyudaya foundation and founder member Infosys sponsors silver medals for sports stars of our college every year. They are presented on sports day.
- Sri Madireddi Subba Rao, senior advocate, alumnus and former faculty encourages the students by gifting them blazers and track suits to sports participants.
- The institution encourages the sports students by awarding silver medals worth Rs.20.000/-.

The College Physical Education Department is provided with funds from special fee, autonomous grant/sports infrastructure development scheme of the UGC.

	Year	Amount Allotted	Expenditure
1	2012-13	1,80,000/-	91,250/-
2	2013-14	1,40,000/-	1,15,000/-
3	2014-15	1,00,000/-	1,00,000/-
4	2015-16	1,00,000/-	1,00,000/-
5	2016-17	1,00,000/-	1,00,000/-

5.1.18 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provides details of sports and cultural activities in which such efforts were made?

The girl students are actively participating in sports competitions and cultural activities. Women faculty members also participate in the organization of cultural events.

- ➤ Girl students are given training in hand-ball, kho-kho, kabaddi,volley ball, cricket, chess.
- ➤ Competitions are conducted to girl students on singing, dance and Rangoli etc.
- ➤ The Girl students are provided with a platform to exhibit their talents on special occasions such as women's day, College Day, Science Day, Seminars etc.
- > On 16-12-2015 an awareness programme on Domestic violence act and Nirbhaya act by inviting an advocate P.Sridevi. Also the necessity of skill based training to women is given bysmt.K.Manimala, Sankar foundation, Visakhapatnam on 16-12-2015.
- ➤ On the programme of Maguva Telusuko, 70 girl students in 14 teams

- visited Tribal/rural areas to bring awareness among adolescent girls on 16-11-16 to 18-11-16. One student received best participation prize from the district collector, East Godavari District.
- ➤ Skill development Programme organized by Women Empowerment Cell. Smt. P. Dhana Lakshmi of Yanam imparted some skills to the girl students in soft toys making, Pot Painting, Making useful articles from unused waste materials on 22-12-2014.

Some of the achievements of girl students in 'intra' and 'inter' sports competitions and cultural activities are

- ➤ 2013-14 In the State level competitions the girl students are winners in Shuttle and Volley ball for Women.
- ➤ 2014-15 Two women students got silver medals in Athletics in the Inter Collegiate Games and Sports.
- ≥ 2015-16 In Inter Collegiate Games and Sports the girl students got 3rd place in Kho-Kho(W).

5.2 Student Progression

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available).

UG Results during the last five years

S.	Datah	Соливаа	No. of st	udents	Pass	Distinction	1 st	2 nd
No.	Batch	Courses	Appeared	Passed	percentage	Distiliction	Division	Division
	2009	B.A.	106	74	69.81	2	54	18
1	- 12	B. Sc	293	203	69.28	6	178	19
	1-2	B. Com	121	101	72.69	3	90	8
	2010-	B.A.	102	84	82.35	3	59	22
2	13	B. Sc	359	273	76.04	6	226	41
	15	B. Com	117	109	93.16	4	97	8
	2011	B.A	98	81	82.65	1	67	13
3	- 14	B. Sc	285	185	64.91	3	174	8
	- 17	B. Com	106	104	98.11	2	96	6
	2012	B.A	85	70	82.35	0	46	11
4	2012	B. Sc	336	199	59.22	9	164	26
	- 15	B. Com	127	112	88.18	2	95	15
	• • • •	B.A.	97	69	71.13	3	52	14
5	2015 - 16	B.Sc	331	261	78.85	18	223	20
	- 10	B.Com	161	141	87.57	1	131	9

PG results during the last five years

S.No.	Batch	Course	No. of st	udents	Pass
			Appeared	Passed	percentage
1	2010-12	M.Sc. Organic Chemistry	23	19	82.6
2	2011-13	M.Sc. Organic Chemistry	19	18	95.0
3	2012-14	M.Sc. Organic Chemistry	15	13	87.0
4	2013-15	M.Sc. Organic Chemistry	23	23	100.0
5	2014-16	M.Sc. Organic chemistry	14	14	100.0
6	2014-16	M.Sc. Mathematics	04	02	50.0

5.2.2 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.

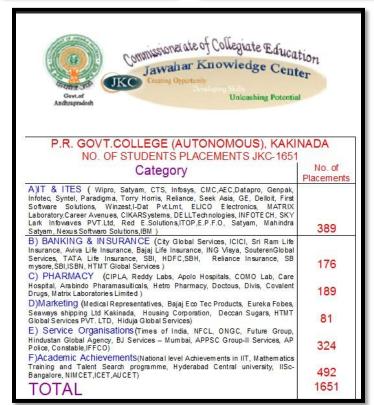
Student progression	%
UG to PG	Approx 30-40%
PG to M.Phil.	15-20%
PG to Ph.D.	NA
Employed	
Campus selection	53% of trained candidates
Other than campus recruitment	













Four Students of B.A Group (2013-2016) received Pratibha Awards of Government of A.P. for their academic excellence



5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

	No.	of	No.	of	Percent	age	Total	Perce	entage
Academic	Students		students	8	of		drop	of	drop
Batch	admitted	in	complet	ted	comple	tion	outs	outs	
	first year		within	the	within	the			
			time		time				
2012-13	670		636		94.92	2%	34	5.0	8%
to									
2014-15									
2013-14	754		705		93.50)%	49	6.5	0%
to									
2015-16									
2014-15	689		659		95.64	! %	30	4.3	6%
То									
2016-17									

5.2.4 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

S.no	Examinations	Appeared	Qualified	Pass %
1	UGC-CSIR-NET	10	2	20%
2	Railways	15	1	6.6%
3	Central Govt.	12	1	8.3%
	Income Tax			

- 5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.
 - ➤ The college is basically offering U.G. programs and offering 07 P.G. programs on self finance basis.
 - ➤ The college is not offering Ph.D./M.Phil., degrees.

5.3 Student Participation and Activities

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.

The Physical education of the college offers a wide range of Games and sports to the students. Every year students participate in State level inter university competitions; South Zone competitions and All India inter University Competitions. The college provides training facilities in the following games and sports. The indoor and outdoor stadiums are nearing completion.

Men	Women
1. Foot Ball	1. Hockey
2. Hockey	2. Volley Ball
3. Cricket	3. Hand Ball
4. Volley Ball	4. Basket Ball
5. Basket Ball	5. Chess
6. Basket Ball	6. Shuttle
7. Chess	7. All Sports
8. Shuttle	8. Weight Lifting
9. Kho-Kho	9. Cricket
10. Kabadi	
11. All Sports	
12. Weight Lifting	
13. Hand Ball	

Details of students' participation in Sports and Games from the last five years:

	nve years:
Academic Year	Activity
2011-12	V. Sudharani, a student of the college, acted as a captain for Andhra University Hockey team.
	One girl student got selection to JUDO Women competition for Andhra University.
	20 students represented to Andhra University and Adikavi Nannaya Universities in the all India Inter University Tournaments.
2012-13	In sports competitions the students got 8 gold, 2 silver and 1 bronze medals for district level 5 gold, 4 silver and 1 bronze medals for Zonal level 1 gold medal for State level conducted by CCEAP, Hyderabad.
	The boys of the foot ball team got runners in the A.U. Two students selected for Basket Ball and Hand ball represented by Adikavi Nannaya University.
2013-14	25 students represented to Andhra University and Adikavi Nannaya University in the All India Inter University Tournaments in the events like Weight Lifting, Cricket, Foot Ball, Judo, Hockey, Hand Ball, Athletics and Cross Country.

	In the State level competitions the college students are
	winners in Shuttle and Volley ball for Women and
	runners in Shuttle and Kabaddi for men.
	The students got five gold and two silver and one
	bronze in district level sports competitions.
	Two silver medals and bronze medal were won by the
	college students for sports in Andhra University
	Tournaments.
	The college won all round championship in Weight
	Lifting and got 6 gold medals.
	In the Sports and Games competitions organized by
	CCE, Hyderabad the students of the college became
	winners in Chess, KHO-KHO, runners in Shuttle Men
	and Women in district level. In Athletics bagged two
	gold, two silver and four bronze medals.
2014-	The college foot ball team get 2 nd place in Inter
2015	Collegiate Games and Sports.
	In the Inter Collegiate Games and Sports the college
	students got 5 gold medals and 1 silver medal in Power
	Lifting.
	In the Inter Collegiate Games and Sports the college
	students got one gold and one silver medal for best
	physic.
	Two men and Two women students got silver medals in
	Athletics in the Inter Collegiate Games and Sports.
	In the Sports and Games event organized by CCE,
	Hyderabad in district level the students of the college
	became winners in KHO-KHO (W), runners in Chess.
	In Athletics the studets own one gold medal, one silver
	medal and one bronze medal.
	18 students of the college represented
	AdikaviNannayya University in the all India & South
	Zone Inter-University selected and participated for men
	and women.
2015-16	In Inter Collegiate Games and Sports the College Kho-
	Kho(M) got 4 th place and Kho-Kho(W) got 3 rd place.
	In Inter Collegiate Games and Sports the College got
	4 silver medals and 2 bronze medals for Weight Lifting,
	1 gold, 1 silver and 2 bronze medals for Power Lifting,
	1 gold, 1 silver and 1 bronze medals for Best Physique,
	1 gold, 1 silver and 1 bronze medals in Atheletics.
	<i>y</i>
	Taekwondo Meets:
	Y. Mouli Chand II B.Sc. (MCPC) participated in the

	following taekwondo competions.			
	• 34 th Junior National Championship at			
	Bangalore (Karnataka),			
	Senior National Poomsae, Visakhapatnam			
	(Andhra Pradesh),			
	All India Seniors Inter University at Chennai			
	(Tamilnadu), South Indian National			
	championship at Ongole (Andhra Pradesh),			
	• 3 rd International Taekwondo championship-			
	Bangalore, Senior Nationals, Vijayawada			
	(Andhra Pradesh) – (Karnataka).			
	National Rural Games Bhopal – (Madhya			
	Pradesh),			
	All India Seniors Inter University Amritsar			
	(Punjab).			
	Participation of P.UdayaBhaskar III B.Sc. (MECs) are			
	South Indian Nationals Ongole (Andhra			
	Pradesh),			
	Senior State Poomsae, Visakhapatnam (Andhra			
	Pradesh),			
	All India Seniors Inter University Amritsar			
	(Punjab).			
	Y Mouli Chandu student of P.R.Government College			
	(A), Kakinada participated and won Bronze medal in 10 th Classical International Open TAEKWONDO			
	Championship held at Malaysia and he also won gold			
	medal in Rural games international Championship 2016			
	held at Gujarat on 2 nd and 3 rd Oct., 2016 in			
	TAEKWONDO event.			
	In intercollegiate Athletics competitions one girl student			
	got gold medal, three boys stood in second place, four			
	girls and one boy stood in third place.			
2016 17	In intercollegiate weight lifting competition the students			
2016-17	got			
	1 gold, 2 silver and 2 bronze medals.			
	In intercollegiate power lifting the students got			
	1 gold, 2 silver and 3 Bronze medals.			
	In intercollegiate body building the students got			
	1 gold, 1 silver and 2 bronze medals.			
	16 students represented AdiKaviNannayya University			
	in different games in this academic year. The			
	particulars are as follows:			
	Hockey - Five boys			
	Hand ball – One girl			

Kho-Kho - One girl
Basket Ball – One girl and one boy
Cricket – Two girls
Foot Ball – Three boys
Chess – One boy and one girl

> NCC:

PRGC(A) NAVAL NCC Wing cadets clinched three gold medals and one silver medal in the competitions held at Navsynik camp. The camp was held at CARWAR (Karnataka-Goa) during October 16-26, 2015.

> RD participation:

Three NCC –Army wing students of the college participated in Republic day parade at New Delhi on 26th Jan 2015 and one cadet participated in Republic day parade in 2012.

> Scholarships for NCC students:

- 1) 10 cadets of 9(A) wing were selected for CWS scholarships which were distributed by group captain L.V.S. Sudhamsha on 25th August, 2015 Each cadet was given Rs.6000/-.
- 2) In 2015-16 a certificate course on "Thapetta Gullu" an ancient dance form was conducted by the cultural association.
- 3) The students are encouraged to participate in extracurricular activities and cultural activities conducted in other functions like, Sagara Sambaralu etc. To motivate the students on co-curricular and extracurricular activities every department is conducting essay writing, elocution, paper presentation, quiz programme and other outreach programmes on some important days.
- 5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

Particulars of students Achievements in Academics

S.No	Name of the	Activity	Level	Year	
	student				
1	S. Rambabu	Hindi-	State Level	2014-	First
	(2013-14)	Academic		15	Place
2	P.GangaBhavani	History	State Level	2014-	First
	(2013-14)			15	Place
3	Y.Malli (2013-14)	Mathematics	State Level	2014-	First
				15	Place
4	Y.Malli	Physics	State Level	2014-	First
				15	Place

5	S. Rambabu	Hindi-	State Level	2014-	First
	(2013-14)	Academic		15	Place
6	P.GangaBhavani	History	State Level	2014-	First
	(2013-14)			15	Place
7	G Surya	Political	State Level	2015-	First
	Bhavani(2014-15)	Science		16	Place
8	G Aparna (2014-	History	State Level	2015-	First
	15)			16	Place
9	S Rajasekhar	Sanskrit	State Level	2015-	First
	(2014-15)			16	Place
10	V.MohanaMadhuri	English	ANURCET	2015-	First
				16	Rank
11	G Surya	Political	State Level	2015-	First
	Bhavani(2014-15)	Science		16	Place

Particulars of students Achievements in Co-curricular and extracurricular activities

S.No	Name of the student	Activity	Level	
1	M. Manikumari	Elocution-Hindi	District	First
	2014-15		Level	Place
2	K. DurgaRao	Elocution-Telugu	District	Second
	2014-15		Level	Place
3	M. Suvarna Kala	Spot Painting	District	Third
	2014-15		Level	Place
4	J Kumari	Essay Writing	District	First
	2015-16		Level	Place
5	V.MohanaMadhuri	Elocution	District	First
	2015-16		Level	Place
6	R.SaiHarnath,	Paper presentation	State	First
	Murthy and	in the seminar	Level	Place
	A.RadhaMadhuri	"Mathematical		
	2015-16	Modeling for the		
		development of		
		your village in view		
		of Swachha Bharat"		
		held at St.Theresa		
		College (A), Eluru		
7	P.Karunya	presented a paper	State	Third
	2015-16	on "Applications of	level	Place
		Group Theory"		
		at MVN JS & RVR		
		College,		
		Malikipuram		

9	Ms.S.Mounika Sri Achuta 2016-17 R.GeethAruneswari, P.Sravan Kumar and B.Siva Kumar 2016-17	presented a paper at SYNERGIA 2K16 statistics students' meet organized by Aditya Degree College, Kakinada participated in Quiz programme competitions at SYNERGIA 2K16	state level	second prize second prize
	2010 17	statistics students'meet organized by Aditya Degree College, Kakinada		
10	S.Monica Sri Achyuth 2016-17	Elocution on "Religious harmony" on the eve of Death Anniversary of Mahatma Gandhi conducted on 30-1-17 at Gandhi Bhavan, Kakinada	Town level	Second Place
11	P. Revathi Devi, MSSS Srivani 2016-17	Chemistry poster presentation at Sri Chaitanya Degree and PG college, Kakinada	Regional Level	1 st Prize
12	K.Yasaswini, M.Bhanu Priyanka 2016-17	Life Sciences paper presentation at Sri Chaitanya Degree and PG college, Kakinada	Regional Level	2 nd Prize
13	S.Sandeep, D.Chandrasekhar 2016-17	Life Sciences poster presentation at Sri Chaitanya Degree and PG college, Kakinada	Regional Level	2 nd Prize
14	K.Karunya Kumar 2016-17	poster presentation	Regional Level	1 st Prize

Particulars of students Achievements in Cultural Events

	dials of student	is ricille veillelies	III Cuitui	tti 11 tollto
S.No	Name of the student	Activity	Level	
1	G Omkar	Tribal Dance	District	First Place
	2015-16		Level	
2	M Siva Rangini	Light Music	District	First Place
	2015-16		Level	
3	D.Bhargavi	Patriotic songs	Town	First Place
	2016-17	competition on the	level	
		eve of Death		
		Anniversary of		
		Mahatma Gandhi		
		on 30-1-2017 at		
		Gandhi Bhavan,		
		Kakinada		
4	Pratima	Drawing	Town	Second
	2016-17	competition on	level	Place
		"Swacha Bharat"		
5	Lalitha	Patriotic songs	Town	Third
	2016-17	competition	level	Place

5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

Yes. The College collects feedback from students regularly. The feedback is collected once in a month from students on teacher performance, using a structured questionnaire. Feedback about student experiences and co-curricular activities is also obtained. The outgoing students are administered another feedback proforma highlighting various aspects like curriculum, teaching-learning process, infrastructural facilities, student support and progression. The feedback about the faculty is analyzed and relevant issues are discussed by the Principal with the faculty members concerned. Suggestion Box is kept at the principal's room and at the Dept. of Physics.

5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

The outgoing students are administered feedback proforma highlighting various aspects like curriculum, teaching-learning process, infrastructural facilities, student support and progression. Feed back on the curriculum is obtained from the employers as they are on the Boards of Studies as representatives of the industry. The feedback obtained is

used in enriching the curriculum and making it more industry-oriented. Informal meetings are also arranged with alumni and there are briefed about the college activities. The president of the alumni is a member of our governing body.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

The College Publishes College Magazine. Students actively contribute articles, poems, cartoons, Photos, etc., to it.

News Letter is another campus magazine which is published periodically highlighting the campus activities/ achievements. Student achievements are focused in the news letter.

One of the best practices in our campus is a student publication under the title **YUVA TEJAM** is a Quarterly in house Magazine. It gives a platform for the students to showcase their creativity and literary aptitude. The magazine is funded by the students and staff.

Dept of English runs English Corner, a wall Journal to improve the spoken English and vocabulary of students. The students maintain the wall journal under the guidance of the faculty.

5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.

As there is a ban on student elections, the College does not have an elected Student council. However each class has a nominated class representative. The college has a student welfare committee with senior faculty members. The committee looks after the needs of the students and it conducts various activities

Activities:

- 1. Conducting awareness programmes on anti ragging act and Right to information act.
- 2. Identifying the economically poor students of the college to provide assistance from student's aid fund irrespective of caste and religion.
- 3. Free Lunch is provided to poor students through local philanthropic and endowment organizations such as **Kakinada Annadhana Samajam**,

Pynda's Choultry's, Mutta's Choultry

- 4. Organization of Graduation Day in Association with Controller of Examinations.
- 5. Organization of College Day competitions in Sports, Games, Elocution, Cultural events, Essay writing.
- 6. Conducting founder's day on 5th October every year.
- 7. The student welfare committee is financially assisted with Rs. 70000/-from college special fees funds.
- 8. Distribution of AAKASH tabs to high achievers issued by MHRD-NMEICT
- 9. Swami Vivekananda club alumni distributed Rs. 23,000/- in 11-12
 The head of the institution conducts meeting with the class representatives to elicit information on their requirements. The teacher counselors periodically convene meeting with their wards and counsel them on their horizontal and vertical progression and attend to their immediate needs. The student representatives are used in the distribution of study material, Calendars, magazines and for circulation of important notices.

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

The College involves students in Board of Studies meetings to obtain feedback on the course content and also the facilities available in the laboratories and class rooms. The Academic schedule is provided to the students by the faculty members in the form of table B of curricular plan. Students are involved in the special fee committees of the college. Student cultural coordinators, literary coordinators are involved in the preparation of College Magazine and News letter. Students actively take part in the activities conducted by Red Ribbon Club, Red Cross Society, Campus Cleaning, Plantation and Health Club activities.

Class representatives lead the class for filling/submitting student profiles, examination applications and to participate in awareness programmes organized by the college.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the College.

VISION:

To provide the right academic environment paving way for intellectual excellence, humane feelings and social commitment. The college believes in providing quality education for the socially disadvantaged, economically weaker sections of the society and thereby help them move up the ladder of success and social order.

MISSION

- To impart holistic education with special emphasis on character, culture, updated knowledge and skill oriented learning.
- To make the students enjoy the fruits of globalization without prejudice to their local and cultural environment.
- To develop entrepreneurial skills and vocational training and make the students self-reliant.
- To impart necessary life skills so as to make them face any challenge in the bigger world Social, ethical, psychological or professional.

6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations, vision for the future, etc.?

Yes. The mission statements of the college clearly define the purpose of the institution which aims to cater to needs the society, students and all stakeholders.

- The college is located in the district head quarters; many of the students are first generation learners and from poor economic and rural background.
- Curriculum of all courses is aimed at overall development of the students by providing value based education with specific focus on employability.
- There are many extension activities such as NSS, NCC, , Lead India, Women Empowerment Cell, Red Ribbon Club to sensitize the students about the need for community service and nation building.
- English communication skills are imparted through JKC.

- Advantages of new technologies are brought in to the class room through ICT teaching/learning; simulation lab, virtual labs, mobile learning and MOOCS.
- Moral and ethical conduct is promoted among the students by the introduction of a foundation course entitled "Human Values and Professional Ethics".
- Research and extension works is carried out in all departments.
- The institution has linkages with some organizations to provide hands on training, knowledge sharing.

6.1.3 How is the leadership involved in ensuring the organization's management system development, implementation and continuous improvement?

Leadership functions are student oriented. The Head of the institution, principal, ensures academic integrity by monitoring regular class work, redressing the grievances of students/faculty and by periodical review of administrative and academic decisions and activities through staff council. The Principal acts as the Chief Controller of Examinations.

Governing Body is the apex body that monitors the functioning of the college and the various aspects of administration.

S.No.	G.B.	Date	Important Resolutions
	meeting		_
1	14 th	24-07-	1. Adequate linkages and
	meeting	2012	collaborations are to be
			established as pointed out in
			NAAC Re-accreditation report.
			2. Prominent alumni are to be
			included in G.B. as special
			invitees.
2	15 th	07-05-	Resolved to introduce Human
	meeting	2013	Values and Professional
			Ethics as one of the
			foundation courses for I and
			II year students.
3	16 th	23-05-	1. Resolved to implement
	meeting	2014	CBCS pattern.
			2. Resolved to operate UGC
			sanctioned B.Voc.
			programmes - Commercial

			Aquaculture; Retail Management
4	17 th meeting	28-11- 2015	1. Resolved to start the Community College Programme of UGC. 2. Resolved to dispose e- waste in consultation with APTS, Govt. of A.P. 3. Approved for construction of 'Open Air Auditorium' with contributions from Alumni association.
5	18 th meeting	24-11- 2016	 Approved to locate Observatory IMD, Govt. of India in the college campus. Resolved for hike of examination fee as there is a gap between income and expenditure.

The Academic Council, constituted as per the guidelines laid down by the UGC, leads the process of curriculum development and reviews and approves the recommendations of the Boards of Studies. The principal places all academic decisions, changes, achievements in Academic council and get them approved after a thorough discussion.

S.	A.C.	Date	Important Resolutions
No.	meeting		
1	14 th	06-10-	Resolved to send proposals
	meeting	2012	for Community College
			program of UGC.
2	15 th	17-04-	1. Resolved to start B.Com.
	meeting	2013	(C.E.Cs.) programme.
			2. Resolved for a pass
			minimum of 40% in Mid
			Semester examinations.
3	16 th	17-05-	1. Approved introduction of
	meeting	2014	CBCS and Curricula for
			2014-15 under new pattern.
			2. Resolved for new software

			in Examination cell.
4	17 th	25-04-	1. Approved to provide
	meeting	2015	Xerox copy of valued answer
			script to student with
			payment of Rs.1000/- for
			transparency.
			2. Resolved not to allow
			admission to students from
			Non-CBCS to CBCS pattern.
5	18 th	02-05-	1. Resolved to conduct
	meeting	2016	semester-wise practical
			exams for Core and Elective
			papers during V and VI
			Semesters.
			2. Approved for taking
			admission applications in
			online mode with Rs.100/-
			through payment gateway.

- ➤ The Boards of Studies, constituted as per the guidelines of UGC, provide guidance with regard to the content development, teaching methodologies, pedagogical tools and evaluation. Both the Academic Council and the Boards of Studies meet once a year.
- ➤ The Finance Committee, with the Principal as the Chairperson, is an advisory body accountable to the Governing Body in financial matters. It oversees the preparation of the budget, monitors budget estimates and financial resources.
- The IQAC of the college is aimed at improving the academic and administrative performance of the College with some quality parameters. It plays a proactive role and encourages faculty and students in their academic pursuits. It supports them in improving their academic competence and research oriented activities.
- ➤ The Vice-principal assists the principal in general administration, monitors discipline and class work.
- ➤ The Administrative Officer is responsible for the functioning of administrative unit.
- ➤ The Administrative Office runs under the leadership and guidance of the Principal.

- ➤ The College ensures a system of participative management whereby information flow and decision making processes are systematized and channeled through all key constituents of the College.
- ➤ The Controller of Examinations heads the examination cell. He ensures the smooth and effective functioning of the examination cell and looks into all matters relating to the conduct of examinations in consultation with the Principal.
- The Lecturer in-charge of each department is directly responsible for coordinating all departmental academic programmes of the college. They oversee the planning and restructuring of the curriculum in consultation with the Principal. They also plan, organize and monitor student related activities. They ensure the smooth functioning of their departments with the support of other members of the department. They ensure that the syllabi for various courses are updated and that the teaching- learning-evaluation processes meet the required standards. They conduct departmental meetings regularly to discuss and decide on academic matters and student feedback/grievances.
- The Librarian is in charge of library services.

Interaction with stakeholders

Student is central to any educational institution. They are involved in academic, cultural and extension activities through the following:

- The final year students give a feedback on course content and class room delivery by the teacher.
- The alumni are invited and their participation is ensured in BOS, CPDC, Finance committee, G.B. by nominating them as members in those bodies. They are encouraged to serve their alma-mater by instituting endowment prizes or in developing infrastructure.
- Parent teacher association brings together the teachers and the student guardians. It bridges the communication gap and fosters healthy relationship. The parent's feedback is very valuable to the institution.
- Parents are invited to important college functions such as graduation day, college day, and sports day.
- Industrial participation is in Boards of Studies and in providing hands on training and employment.
- A comprehensive student feedback is administered at the end of every semester wherein the students answer questions on punctuality, performance of teacher, evaluation, syllabi, infrastructure and support services.

• Suggestion boxes are provided to the students at vantage points to know their needs, views, grievances and short comings.

Quality enhancement measures:

Internal Quality Assurance Cell is established to impart quality education and to improve the academic and administrative performance.

Acquisition of the status of autonomy:

- ➤ Introduction of Industry relevant curriculum, vocational and community college courses, skill development courses through APSSDC and TISS and JKC for employment.
- ➤ Healthy campus culture is maintained through insistence on regularity, punctuality, discipline, dress code, green canopy, harnessing solar energy, water harvesting etc.
- ➤ The institution promotes community and national development by ensuring student participation in extension activities and out-reach programmes and community development through NSS, NCC, Youth Red Cross, Lead India, Red Ribbon Club.
- Inspirational talks are organized to sensitize students on leadership, life skills, gender relations and ethical values.
- Research culture is promoted among the faculty, encouraging them to organize or attend seminars/ workshops/ conferences as paper presenters, offering incentives for publications, by honoring them in faculty club.
- Research spirit is instilled among students through hands on trainings, study projects, field trips, and surveys.
- ➤ The faculty are encouraged to apply for FDPs, refresher and orientation courses to update their knowledge.
- Transparency in governance is maintained by sharing important information relating to grants and expenditure in staff council, finance committee, G.B. etc.,
- ➤ Inclusive environment and accommodative admission policies are administered by providing reservations to the under privileged sections and by providing concessions, scholarships and free-ships.
- ➤ Standardized procedures of quality checks monthly submission of teaching diaries, academic records, submission of API, result analysis and review.
- > Strict vigilance on implementation of academic schedule.
- ➤ The college strives to create and maintain an environment of excellence in education through constant review and renewal of programmes to

- include new need-based courses, technological advancements, effective pedagogy, community oriented research and thereby win back the status of 'College with Potential for Excellence' (CPE).
- The head of the department- CCE, A.P. and the academic guidance cell closely monitor the functioning of the institution, implementation of the educational policies, academic programmes and realization of the goals through periodical review meetings, visits, academic audit etc.,

6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.

No. The college has never had any vacancy in senior leadership position.

6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes. All the positions in various statutory bodies of the college are promptly filled. The college has various statutory bodies - Governing Body, Academic Council, Finance Committee, Boards of Studies constituted as per the guidelines of U.G.C which meet annually. Staff council meetings and departmental meetings are held periodically.

6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

- ➤ The healthy culture of participative management is promoted through the following four clearly defined levels:
- At the consultative level, all the stake holders are involved to express their views on various academic and administrative issues. The consultation may be held by the Principal / Vice-Principal / HoD / Student Representative depending on the nature and gravity of the issue.
- ➤ The members of the BOS and the Academic Council are the other important consultants for academic matters.
- ➤ The consolidated views and suggestions/grievances are taken to the next level the Planning level which involves participation of Principal, Vice Principal, HoDs and Coordinators of various committees.
- At the next level the Executive level of the college meets to discuss and deliberate on the major issues of critical significance.
- ➤ The final decision making power rests with the Principal at the institutional level.

6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

The Parent University plays an advisory role at the UG Level through its representatives on the Boards of Studies, Academic Council and Governing Body. It reviews the academic and infrastructural profile of the college on occasions such as extension of autonomy/affiliation/sanction of new courses.

They provide expert guidance in launching new courses, framing syllabus, revising academic programmes, suggesting panel of examiners and mode of evaluation. The university also gives an opportunity to the senior faculty to participate in syllabus design/ Q.P. pattern by appointing them on university Boards of Studies.

For all PG Courses, the college follows the curriculum, academic calendar, examination and evaluation process set by the University.

6.1.8 How does the College groom the leadership at various levels?

- To facilitate the smooth functioning of the institution, it encourages participative management by entrusting key positions and responsibilities at various levels.
- ➤ It encourages the departments to organize seminars/workshops/conferences by providing financial assistance. The faculty are involved in various committees (statutory and non-statutory) as conveners and members.
- Academic plans, time table, work allotment, conduct of BOS are looked after by the faculty in charge in consultation with his departmental colleagues.
- Faculty monitor discipline in the class room and campus, they work-out teaching-learning strategies, fulfill the emotional and psychological needs of the students.
- ➤ Students take an active role in various activities conducted by the support services and show their leadership skills. The class representatives also act as student counselors and they act as a bridge between their class students and teacher counselor. They act as volunteers, blood donors, do community service and guide fellow students and school children on special events like Science Day, NSS special camps, medical camps and religious festivals (Godavari/Krishna Pushkarams), beach festivals.

6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

The College adopts a strategy for knowledge management through a multi-pronged approach to share skills, expertise, and experience:

- Faculty members are encouraged to update their knowledge by attending refresher/orientation courses, FDPs, organization of inter-disciplinary seminars, inviting eminent resource persons in various fields.
- ➤ Collaborative learning is made possible by tying up with organizations such as UNDP-EGREE foundation, M.S. Swaminathan Research Foundation, CIFE, SIFT, NFCL, Pharmaceutical labs.
- ➤ Faculty forum arranges talks from the faculty who return from refresher courses, ToT programmes and other training programmes.
- ➤ Knowledge/information is shared by the faculty through Blogs, FB, Whatsapp and other social media.
- ➤ Important news relating to UGC schemes, new educational policies etc., is spread through circulars. Copies are also kept in the library.

6.1.10 How are the following values reflected in various functions of the College?

Contributing to national development

- ➤ Curriculum and teaching strategies are aimed at nation building, because producing batches of disciplined, knowledgeable, skill oriented youth are essential for the same.
- ➤ The spirit of nationalism and team work is inculcated through various services NCC, NSS, RED CROSS, Lead India. Important days are celebrated.
- ➤ It is a matter of pride that some of our NCC cadets walked on Rajpath in R.D.parade.
- Some of our sports students participated at the national and international sports events. There is voluntary service organization "Helping Hands" run by the students which gives away scholarships to the poor students.
- ➤ Our students participate in almost all the social awareness programmes such as AIDS awareness programme, Tree Plantation, Energy awareness programme, blood donation camps, mosquito menace, Digidhan yojana, awareness against open defecation.

Fostering global competencies among students

- ➤ Global competencies include effective communication skills, computer skills, soft skills, domain skills, leadership qualities, professional ethics, team spirit, etc.
- ➤ Communication and soft skills, computer skills are imparted through JKC. New courses which provide global opportunities for students are introduced Commercial aquaculture, Retail management, Analytical techniques in Pharmaceuticals, Acturial science, Petrochemicals.

- ➤ The global skills are brought to the students in collaboration with APSSDC, NASSCOM, GENPACT, DEI and TISS.
- ➤ In order to improve English language skills esp. spoken English of our students, there is a paradigm shift in teaching methodology communicative language teaching is the major focus now. The focus is on three aspects, pronunciation, grammar and vocabulary.
- ➤ The Mathematics department and Computer department have been striving hard to give global edge to our students by improving their critical/analytical thinking and computer skills.
- Internet is provided to the students at various places so as to enable them to keep in touch with the latest developments in their areas of study.
- Experiential learning through field trips, industrial visits, internships is given priority.

Inculcating a value system among students

Value education is integrated into the curriculum. The college offers foundation courses like Human Values and Professional Ethics, Environmental Studies which develop value system among the students.

Promoting use of technology

- ➤ The College extensively makes use of technology in its teaching, learning and evaluation practices and administrative system.
- ➤ Training in the use of ICT has been made compulsory for students, faculty and administrative staff.
- ➤ Basics in Computer Science is a mandatory paper for all courses.
- ➤ The college has introduced computerization of student admission process. Examination wing uses computers to generate hall tickets, barcode sheets, results etc.,
- ➤ Library is computerized. Library automation software is used for day to day transactions of the library. Barcode technology speeds up the transactions.
- > Students and faculty are given wide and ready access to e-resources through free internet.
- > ICT-enabled class rooms are spread across the campus for teaching.
- ➤ LCD equipped seminar halls and projectors , KYON projectors are available for classroom teaching, seminars, workshops etc.
- > CCTVs are installed in labs, corridors, libraries and various other places for surveillance.
- > Students and faculty are oriented about available open e-resources.

- ➤ VH faculty and students are provided with special software's (KURZVEL/JAWS), Angel readers and separate PCs.
- ➤ MANA TV presentations of our faculty and outside faculty are kept available on YouTube.

Quest for excellence

- > The College in its quest for excellence has identified 'Global Competencies' 'National Development', 'Use of Technology' and 'Value based education' as the defining quality components of its educational transactions.
- ➤ New courses in emerging areas and introduction of certificate and inter disciplinary courses, Internships and Projects
- ➤ Industry relevant curriculum. During the assessment period, the infrastructure of the college has been greatly improved. The number of placements in MNCs has considerably increased. The alumni, especially NRI alumni are involved in institution of endowment prizes, construction of auditorium, providing scientific equipment, sharing of knowledge and experience, motivating our students.
- ➤ The college is also able to improve its relation with external agencies industries, NGOs, training institutes. Now there are more number of Doctorate faculty.
- ➤ The services of our faculty are utilized by other reputed institutions such as JNTU, EGREE foundation, APMAP, Intermediate Education, MANA TV, CCE-AP for various academic purposes.

6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

Autonomy review committee visited the college on 16th and 17th October, 2016 evaluated the college. The committee unanimously recommend for extension of autonomy for a period of six academic years from 2015-'16 to 2020-'21 (2014-15 as Ex post facto) based on the presentation of the Principal, visit to academic departments, infrastructural facilities and interaction with stake holders. The committee gave following three suggestions.

- Each science course should have one laboratory for each batch with adequate support staff.
- ➤ The college can develop a Twenty Year Perspective Plan inclusive of plans for each individual department.
- As the college has expanded exponentially it is incumbent upon the authorities to provide adequate toilet facilities and airy library reading room.

6.2Strategy Development and Deployment

6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

- Yes. The institution draws its perspective plan by collecting and discussing proposals from various statutory bodies Boards of Studies, Academic Council, Governing Body. The developmental plans and major decisions are taken at the level of the Government of Andhra Pradesh.
- ➤ During the assessment period we are able to successfully implement our plan of constructing additional class rooms, introducing UG- vocational / community college programs and new P.G. courses, acquisition of infrastructure and equipment, Indoor and outdoor stadia, open air auditorium. All these plans were discussed in the staff council and the same were presented and got approved by the G.B.

Teaching and learning

- Redesigning and development of UG Courses to meet global/local demands
- ➤ Training to faculty to update their knowledge/skills and get familiar with the latest developments in their subjects some of the programs are arranged in the campus with autonomous/RUSA grant, besides the RC/OC and other training programs arranged by the UGC Academic Staff Colleges and CCE, AP.
- ➤ Introduction of new PG Courses Mathematics and Zoology
- ➤ Increased use of ICT enabled teaching/learning.
- MANA TV Live presentations by our faculty for statewide learners.
- > Digitalization of central library.

Research and development

- The administration encourages the faculty to pursue research. As a result now the college has more number of doctorate lecturers.
- ➤ Potential funding agencies are identified for projects/other research activities and grants
- ➤ BARC-BRNS project has already been completed.
- The college is bestowed with DST-Women Scientist project (ongoing).
- ➤ Collaborative research with other institutions/industries the depts. of Botany, Zoology and Chemistry worked on a salt pan sector plan in collaboration with UNDP-EGREE foundation.

Community engagement

- Estimation of Chlorine content in bleaching powder was done by the Dept. of Chemistry at the request of Municipal Corporation, Rajahmundry.
- The department of Botany has created awareness among the farmers on *Azolla* cultivation. *Azolla* was cultivated in the campus and distributed to the dairy farmers.
- ➤ To create awareness among general public and the students, organic farming was taken up in the campus with 100% students involvement. The sale proceeds were recorded and utilized for the botanical garden.
- ➤ Medicinal plants are being cultivated and distributed to public and students with the financial assistance of Rs.4 lacs by APMAP under NMMP grant.
- ➤ The department of Zoology took up filarial eradication awareness program in collaboration with DMHO, Govt. of A.P. by sending teams of students to various villages. Anti-filaria tablets were also distributed. Diagnosis of diseases in prawns was taken up using the PCR unit available in the department benefiting aqua farmers at free of cost.
- ➤ The department of Political Science conducted a survey on functioning of Anganwadies in E.G.Dt. in association with UNICEF.

Human resource planning and development

- At the beginning of academic year faculty rationalization is taken up at the level of the CCE, A.P.,/ RJDCE. Vacant faculty positions are filled with contract faculty. Other faculty requirements are fulfilled at the institutional level by recruiting guest Faculty. Their honorarium is paid from the college funds.
- ➤ Skill update workshops are conducted for the faculty on campus or they are sent to other institutions for the same. Some of our faculty attended trainings at MHRD Hyderabad, NIRD- Hyderabad, NUEPA New Delhi, IISER- Mohali.
- ➤ P.R. staff co-operative credit society provides loans to all the employees with a nominal interest of 50 Ps.
- ➤ The college faculty club is constituted with principal as honorary chairman. The club meets periodically and arranges break-up parties, honors the members when achieve academic excellence/awards. It bids farewell to the faculty who retire from service or who leave the station on transfer. The faculty club acts as a bridge between the faculty and the head of the institution.

Industry interaction

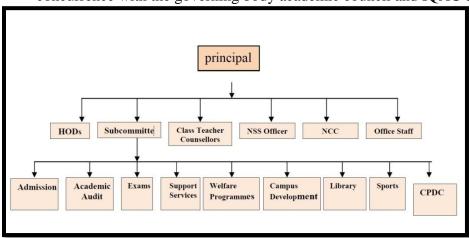
Prominent industrialists are nominated in various statutory bodies such as BOS, AC and GB. Their views and suggestions are sought in designing of syllabi or when new courses are introduced. The students are taken to various industries, training centers, industrial fairs for motivation and acquisition of knowledge/skills.

Internationalization:

The College encourages the faculty members to participate in International seminars and conferences. International editions and journals are bought in good number in the UG and PG libraries. International experts/ NRI alumni are invited to the college to interact and share their experience with the students.

6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.

The Principal heads the academic and administrative structure of the institution. He regulates & facilitates the goal oriented actions of the faculty members and supervises the functioning of the institution in tune with the objectives mission and vision of the institution. The Principal, HOD's of departments and various committees work in co-ordination for this smooth conduct of curricular, co-curricular and extracurricular activities of the college. The principal implements the policies in concurrence with the governing body academic council and IQAC etc.



6.2.3 Specify how many planned proposals were initiated/ implemented during the last four years. Give details.

- ➤ The college applied for B.Vocational programmes in Aquaculture, Retail Management (2014-15), Web designing and Multimedia (2015-16) and the courses were sanctioned by the UGC. PRGC (A) is the only government college in India offering 3 B.Voc. programmes.
- ➤ The college applied for Community College programme in Chemistry viz., Analytical Techniques in Pharmaceuticals and got the same in 2015-16.
- ➤ Applied for construction of additional class rooms from the college accumulated funds and RUSA (Component -7). As a result, a massive block with 40 class rooms and library is in the process of construction.
- ➤ In-door and out-door auditoriums came up in the campus with UGC funds.
- ➤ The college requested the alumni to construct an open air auditorium with contributions from the alumni. The alumni took up the project and constructed a mega hall with 1000 seating capacity. Construction cost is 60 lacs.
- ➤ The college also applied for a few other schemes like renewal of CPE status, KAUSHAL, Heritage scheme and DBT-BSR, but the same were not sanctioned.
- Solar power is tapped in the campus for street lights, Physics laboratories and Principal chamber.
- ➤ GREEN CAMPUS initiative resulted in massive tree plantation in the college.
- Digitalization of library and open-rack system for real time access to the users.

6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

Yes. the quality policy of the college puts emphasis on providing quality education to the deprived sections of the society and to make the students globally competent, skill oriented, job-ready and with a humane outlook. The quality measures include development of infrastructure, creating research environment, digital class rooms, Internet facility, introduction of new courses, CBCS, Hands on training programs, skill update workshops, industry linkages. The Internal Quality Assurance Cell (IQAC) decides, monitors and reviews the quality parameters from time to time.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

- ➤ The college has a grievance redress cell to look into the grievances of students/faculty. The committee is headed by the Principal. Vice-Principal and other senior faculty are the other members.
- ➤ Teacher counselors also take care of the students needs and grievances and the same are placed before the Principal and grievance redress cell.
- ➤ In the case of girl students, Women Empowerment Cell (WEC) looks into their grievances.
- Individual faculty members have the access to represent their issues (academic and administrative) directly to the head of the institution. The issues are also represented by the staff service organizations like GCTA, GCGTA, APNGOA.
- Three complaint / suggestion boxes are kept each at Principal's chamber, central library and Women Empowerment Cell (WEC). Every fortnight, the suggestions / complaints received from the students are collected and reviewed by grievance cell under the supervision of the Principal and necessary action is immediately taken. Most of the grievances are related to non-sanction of scholarships, bicycle/mobile thefts, extension of tuition fee/exam fee dates.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes, the college takes student feedback on institutional performance – teaching, learning and evaluation process, basic amenities, support services, library and sports facilities. The students suggestions are duly analyzed and appropriate improvement measures are taken.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

- The university experts visit the college at the time of conduct of BOS, AC and GB and give their recommendations for developmental needs of the college such as curriculum design, introduction of new courses and research activities. The college is encouraged by the affiliating university by conducting cultural, literary and sports events. The University has sanctioned NSS units and special camps and thereby encouraging our students to involve themselves in community service and extension activities. The necessary funds are released from University NSS division.
- ➤ The university experts are also consulted by the college at the time of organizing academic events like seminars/workshops/conferences.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way College is benefitted.

Yes. The university CDC guides the college by providing information and guidance about affiliation. All the proposals for new academic programs and funding agencies are processed through the CDC- ANUR.

6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized?

The college gets feed back at the time of conducting various meetings – Staff council, general staff meeting, parent-teacher interaction, alumni gatherings. The feed-back is also taken through Boards of Studies, Academic Council, Governing Body discussions. Students also provide feed-back on special occasions like Graduation day, college day, sports day.

6.2.10 Does the college encourage autonomy to its academic departments and how does it ensure accountability?

- Academic departments are given autonomy in selection of experts for BOS, designing and modification of syllabus, introduction of new academic programs/certificate courses. The departments are encouraged to organize faculty development activities like seminars/ workshops/ conferences by utilizing grants from various funding agencies.
- ➤ UGC and special fee funds are also generously distributed to various departments for field trips, industrial visits, science exhibitions, student study projects, training to faculty and students.
- ➤ The college administration plays a proactive role in establishing industry linkages, academic partnerships with research agencies, collaborative research with reputed organizations.

6.2.11 Does the college conduct performance auditing of its various departments?

Yes, the college periodically conducts the performance audit of the departments to ensure quality sustenance and enhancement, which includes review of teaching and learning methodologies, result analysis, research activities, Faculty Development Programs attended /conducted. The college also looks into co-curricular, extra-curricular and extension activities conducted during the year. The performance of the faculty is reviewed and assessed annually in the form of Academic Performance Indicators (API). The head of the department (CCE, AP) sends an

academic audit team to evaluate the various departments and faculty. The audit report contains their observations and suggestions for improvement in overall performance – criteria wise. The Academic Administrative and Development Performance Indicators (AADPI) of the Principal is evaluated by the Regional Joint Director of Collegiate Education and the CCE, AP.

6.3Faculty Empowerment Strategies

6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?

- Faculty members are encouraged to apply for refresher, orientation programs to update their knowledge.
- ➤ The college conducts seminars/workshops and training programme every year.
- ➤ Guest lectures by resources persons from various areas of specialization are organized giving faculty scope to update their knowledge.
- Faculty are encouraged to present their papers at seminars and publish them in reputed journals. Their names are recommended to apply for state/ district best teacher/employee awards. Two faculty members received best teacher awards at the state level and two at district level.
- ➤ Two faculty members from the department of Chemistry visited overseas (Belgium and Australia) for paper presentation/ vocational education leadership training.
- > Faculty members are sent for national/international programs. Financial assistance is granted for them.
- ➤ Non-teaching staff are given training in office automation skills by the district administration from time to time.
- ➤ C-DAC training programme was organized in our campus for the benefit of the faculty and the support staff.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

The API scores are considered for best teacher awards, transfers and career advancement scheme. Major decisions are usually taken at the level of the head of the department (CCE, AP) and APPSC.

6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

P.R. institutions cooperative society caters to the financial needs of the staff members in the form of Loans with meager interest rates. Ninety per cent of the staff members avail loans from the society.

As the college is a government institution, all the employees are eligible for pension, health card, gratuity, leave benefits, pay revisions, insurance, study leave, maternity/paternity leave etc.

6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?

As the college is a government institution, postings/transfers of faculty are done by the department head (CCE, A.P.). However, the college selects eminent faculty for guest positions. The guidelines issued by Govt. of A,P. clearly ensure that only qualified faculty (Ph.D./M.Phil.,) are posted and retained for a minimum period of 5 years in an autonomous institution.

6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes. The college reserves 33 1/3% of the sanctioned seats for women students in both UG & PG courses.

S.No.	Academic Year	Male students	Female students	Total students	% of female
	2 00.2	5000000000	5000000000	5000000000	students
1	2012-'13	1108	779	1887	41.3
2	2013-'14	1171	810	1981	40.8
3	2014-'15	1314	837	2151	38.9
4	2015-'16	1320	926	2244	41.2
5	2016-'17	1455	906	2411	37.6

6.3.6 Does the College conduct any gender sensitization programs for its staff?

Yes. The Women empowerment cell of the college conducts various programmes under gender sensitization. They include vaccination for Rubell in association with Center for Empowerment and Development of Women (CEDOW), legal literacy, Maguva Telusuko, book review of 'I am Malala' and host of other programs. Four girl students attended National Women Parliament held at Amaravathi, A.P., one of the girls received best speaker award.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

The Staff Refresher Courses and the Orientation Course conducted by University's UGC- Academic Staff College have a positive impact on enhancing the competencies of the college faculty in the following ways:

- ➤ Recharge faculty with updated knowledge and skills in teaching, research and curriculum development
- ➤ Encouraging and guiding the faculty in applying for UGC-research projects, writing monographs and research methodologies. The class room teaching of the faculty is evaluated (micro-teaching) and suitable suggestions for improvement are provided.

6.4 Financial Management and Resource Mobilization

Provide details of the budget for the last financial year (2012 - 2017).

State Government grant:

S.No.	Financial year	Amount sanctioned (Rs.)	Utilized (Rs.)
1	2012-'13	1259500	1259500
2	2013-'14	1332300	1332300
3	2014-'15	405500	362123
4	2015-'16	391500	391475
5	2016-'17	1360216	1359215

UGC grants:

S.No.	Description	Financial	Amount	Utilized
	of grant	year	sanctioned	(Rs.)
			(Rs.)	
1	CPE-I	2011-12	7500000	7279900
2	BSR		3000000	2983766
3	Autonomous		2000000	2000000
4	IMF		525000	300000
5	CPE-II	2012-13	5500000	3604656
6	BSR		3600000	3600000
7	Autonomous		2000000	2000000
8	Additional		2500000	2500000
9	CDP		1550976	1516654
10	Merged		5560025	5560025
11	IMF		112000	90000

12	Indoor	2013-14	7000000	7000000
	Stadium			
13	Out Door		4000000	4000000
	Stadium			
14	CDP		2000000	1709339
15	Autonomous		2000000	2000000
16	Autonomous	2014-15	2000000	2000000
17	Additional		2000000	2000000
18	Merged		791250	791250
19	B.Voc		6500000	6100000
20	Autonomous	2015-16	2000000	2000000
21	PBDG		1872936	1872936
22	IQAC		300000	300000
23	Autonomous	2016-17	2000000	2000000
24	Community		3906000	1900000
	college			
25	B.Voc		2000000	2000000

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

The requirements of the college and the allocation of funds for fulfilling them are taken up in staff council meetings, CPDC, Finance committee and Governing Body.

The expenditure is made as per the stipulations of the Government/UGC. The audited accounts are sent to the respective funding agencies soon after utilization.

6.4.2 Does the College have a mechanism for internal and external audit? Give details.

Yes. Finance committee, UGC committee looks into the expenditure made. Besides that the Local fund audit department, Accountant General office, audit teams from office of the Commissioner of Collegiate Education, A.P., audit the accounts.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

S.No	Year	Income	Expenditure
1	2011-12	2878380	2025850
2	2012-13	3106641	1993840
3	2013-14	3104976	2363266
4	2014-15	3586457	3029063
5	2015-16	4165872	3076218

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

Yes, the accounts have been audited regularly. There are no major audit objections during the assessment period.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

Resource mobilization is done in various ways - by applying for whatever MHRD/UGC/ state Government schemes the college is eligible for, by seeking the support of the alumni, CSR grants from local industries. At the time of conducting seminars/workshops the local philanthropists and organizations come forward as sponsors.

6.4.6 Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.

There is no such provision. As the college is a Government institution, it does not require any corpus fund.

6.5 Internal Quality Assurance System

The college has set up an IQAC (Internal quality assurance cell) in 2004 as per the guidelines framed by the NAAC in order to coordinate with the institutional mechanisms the following committees/ units have been established. Some of them are:

- > Academic co-ordination cell
- > UGC co-ordination committee
- Student support and grievance Cell
- > Research committee
- Library advisory committee
- ➤ Women Empowerment Cell
- > Campus maintenance committee
- > Student welfare committee
- > Special fee committees
- Examination Cell and conduct of examinations committee
- ➤ College Planning and Development Committee
- > Finance committee
- > Teacher counselor system
- > NAAC committee

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

Yes. The academic performance is audited by an internal committee with the Principal and senior faculty as members every year. They visit

all the departments after giving prior notice and performance is evaluated. The CCE, AP also sends an audit team usually in the months of December/January.

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

- ➤ The record of remedial coaching is documented as per the format provided by the CCE, A.P
- Additional class rooms are being constructed to overcome the shortage of class rooms for P.G courses

6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- Yes. There is a central body with three wings Staff council, Academic co-ordination committee and IQAC. The teaching-learning process is reviewed periodically by these committees and suitable suggestions are provided. The important registers such as attendance, teaching diaries/notes, marks registers are submitted by the faculty to the Department In-Charges and the Principal.
- ➤ The feedback of the students on curriculum and teacher performance reflects the teaching learning process.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The IQAC provides directions and suggestions to the faculty from time to time. It circulates important documents on academic matters received from the UGC, affiliating University and the CCE, AP. It guides and encourages the faculty to apply for FDPs, research grants. It arranges skill update programs and seminars for the benefit of the faculty. It invites illustrious alumni, industrialists and subject experts and arranges interaction with the faculty and the students.

The AQAR is also prepared and submitted by the college IQAC.

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes. There are three external members – an educationist, a HR manager from the industry and the chairman of alumni association. As a former alumna and principal this autonomous institution the educationist provides valuable inputs regarding teaching-learning process, the cultural ethos of the institution. The HR manger of NFCL is also an

illustrious alumna of the institution. She helps the college in arranging programs on career planning and job-interviews. She also helped in renovating the iconic century old admin. block with INTACH funds. The chairman of the alumni association is instrumental in mobilizing funds from the alumni for additional class rooms and open air auditorium (total value Rs.1Cr.).

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes. The data is analyzed every semester and it is heartening to note that there is a steady academic growth of students from disadvantaged sections. The IQAC, JKC and EOC jointly train these students and see that they get good placements. The academic performance of these students is reviewed by the results committee and remedial coaching is given to slow learners.

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centers, etc.?

- The statutory bodies such as Boards Of Studies, Academic Council and Governing Body are responsible for planning, reviewing, modifying and implementing important academic and administrative decisions. In order to avoid confusion and stress, the college plans and reviews administrative and academic matters at the end of the academic year.
- ➤ BOS and AC meetings are conducted every year in the month of April/May and important decisions are taken. The academic schedule, time-table and important and useful information pertaining to academic courses, rules and regulations, CBCS pattern, examinations etc., are provided to the students in the form of calendar cum hand book at the beginning of the academic year.
- The periodic review is conducted on certain platforms like staff council, academic council, IQAC, research committee and important decisions are taken after a thorough discussion.
- ➤ Indents for books/journals are called for from various departments and they are procured and kept ready for use by the Department of Library Science.

CRITERIA VII: INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness

• The College has a lush green campus spread over 28 acres. It has age old banyan trees, Pogamia pinnata, Delonix regia and other trees on both sides of the road leading to the administrative block and various departments of the college.



7.1.1 Does the College conduct a Green Audit of its campus?

No, but we are following the eco friendly methods

 As per the staff meeting resolution dt:11-11-2014 every first Saturday is to be observed as Plastic free day to reduce soil pollution. No plastic cups or carrier bag's were allowed in to the campus. Only paper tea cups and cloth bags were allowed.



 As per the staff meeting with class representatives a resolution was made on 11-11-2014 every first Saturday to observe as motor vehicle free day to reduce air pollution. No Motor Vehicle was allowed to enter the campus, only bicycles were allowed.



7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

Energy conservation

Every first Saturday is being observed as vehicle free day in the campus to create awareness among the students& staff to preserve oil & gas reserves and also to minimize air pollution. Department of chemistry observed an oil conservation fortnight in collaboration with Hindustan petroleum from 15 Dec 2012 to 31 -Dec 2012.

Campus lighting is done with solar panels w.e.f the year 2010-11. Physics Laboratories and Principal's office use solar power thereby saving the power consumption. The solar panels were installed making use of the funds



available under college with potential for excellence during the XI plan period.

- ❖ Power utilization is minimized by using aN-Computing systems in which more number of users can be run with one CPU simultaneously.
- All computer monitors have been converted in a phased manner to LCD monitors with less emissions and power consumption
- ❖ To reduce the power consumption the campus utilizes LED bulbs.

> Use of renewable energy

Campus lighting is done with solar panels w.e.f the year 2010-11. Physics Laboratories and Principal's office use solar power thereby saving the power consumption. The solar panels were installed making use of the funds available under college with potential for excellence during the XI plan period.

> Water harvesting

Rain water harvesting Percolation pits, one of the easiest and most effective means of harvesting rainwater, are generally filled with pebbles or brick jelly and river sand, covered with perforated concrete slabs wherever necessary.

Efforts for Carbon neutrality

❖ Subtle changes have been incorporated by way of introducing new low-energy and low-carbon emission LED lights and renewable power sources to move the college towards reducing the carbon footprints

Plantation

❖ The College campus is situated in a sprawling area of 28 acres is

- with lush greenery.
- Regular and periodical plantation drives are taken up the NCC, NSS, and NGC units of the College in month of June/July.
- ❖ Botanical Garden and an exclusive Herbal Garden on the campus are noteworthy. The Department of Botany has identified more than 1000 species of plants on the campus underlining the biodiversity of the campus.
- ❖ Department of Botany Cultivates medicinal plants in collaboration with AYUSH Project of the State Government. An amount of Rs. 4Lacs is sanctioned for the purpose.

> Hazardous waste management

- ❖ Fume hoods are used in the Chemistry Laboratory.
- ❖ The College is only a small quantity generator of hazardous wastes. However precautions have been taken to reduce the usage and for proper disposal.
- Discharges to sewers and public dump bins are strictly prohibited.

> e-waste management

❖ E-waste of 1950 Kgs from Computer department comprising desktops, mouse's, CPU's, Key Boards etc., were disposed off through an agency nominated by Andhra Pradesh Technology Services (APTS), a public Sector undertaking for recycling purpose.

> Organic Farming to reduce soil erosion

Implemented seedlings raised on 01-12-2014. Seedlings of Palak, Coriander, Menthe, Amaranthes, Rumex are grown on separate seedbeds in Botany garden with the help of students of Botany



7.2 Innovations

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

<u>Innovation in Curricular aspects; Teaching – Learning & Evaluation:</u>

- ➤ College Autonomy and the introduction of CBCS have paved way for innovation in the curriculum offered by different programs of study.
- ➤ Apart from these UGC-sponsored Innovative Programs; the College also offers innovative programs like B.Voc Commercial Aqua Culture, Retail Management, Web Designing and Multimedia and Community College Programme (Analytical Techniques in Pharmaceuticals) to train the students to gain employable skills.
- Social Sciences (TISS_JKC) has introduced a certificate course in skill development in the areas of Entrepreneurship, Financial Literacy, Legal Literacy, Youth Leadership etc..
- ➤ The college also offers Job oriented APSSDC certificate courses in Cyber Security & Data Analytics.
- ➤ The teaching, learning methodology has undergone conspicuous change from teacher centered to student centered learning. The reformulated teaching methodology has in turn expedited revamping of the curricula ensuing societal relevance and market demands.
- ➤ The strategies for promoting, innovation in teaching, learning, evaluation are —industrial visits, guest lectures, general discussions, internship training & educational tours.
- ➤ Industry institute interface, e-learning & automated library facilities result in effective learning.
- ➤ ELL to promote effective teaching, learning process good communication
- ➤ Use of Smart Boards, ICT, internet and Mana TV
- > Starting Departmental Clubs to carryout varied activities
- ➤ Motivation for Online Courses (MOOCs)
- > Cultivation of Medicinal Garden & Green House.
- ➤ Software Packages for simulation, Mathematics & Statistics Laboratory etc.,
- ➤ ICT enabled Teaching Learning Process in classroom situations
- ➤ Integration of Life Skills, Logical & Creative thinking & Personal Skills including
- ➤ Communication Skills in Skill Development Courses
- Viva & Project based assessment as a part of Continuous Comprehensive

Research

Instrumentation lab with equipment like UV visible spectrophotometer, refrigerated centrifuge, Gel dock electrophoresis, Image analysis microscope and other peripheral supporting equipment.

- ➤ EBSCO data base package with 2100 journals accessed with back Nos. through INFLIBNET.
- Faculty are encouraged to take up doctoral programme, Major and Minor projects, guide research scholars of other universities, publish in National & International journals and work towards gaining recognition of national importance.

Extension:

- ➤ Setting up of Community Colleges to give vocational training collaborating with Government agencies.
- ➤ Meteorological Observartor installed in the campus for studying the climatic changes.
- ➤ Outreach programmes by departments to create awareness in the respective subjects among rural students.
- ➤ Conduct of eye camps in college adopted village & blood donations camps in the college campus in collaboration with Government General Hospitals and Private Hospitals.
- > Survey of facilities in Anganwady centers in association with UNICEF.

Governance

- Focusing the energies of the institution's common goals is not simply a matter of few key administrators' drafting statements. It is an organic process involving the entire Academic Body in response to societal needs. In this end, the college administration is carried out by the Principal assisted by the staff council.
- Administrative work is discussed and carried out in consultation with the staff council consisting of all Heads of the departments. Periodic briefing is done n staff meetings.
- ➤ Public address system, internet connections, links the college activities effectively.
- ➤ Various committees assigned with specific portfolios strengthen the smooth functioning of administration.
- A move towards paperless administration and online utilization has been made.
- ➤ Dissemination information about meetings, circulars etc. through messages, intercom, scrolling in website etc.
- ➤ Installed CC cameras in focal areas of the campus to monitor student mobility & discipline.
- ➤ Installation of public addressing system to the entire college for better and instant communication
- All the Departments are connected by LAN which resulted in creating paper lessAdministration.
- ➤ Bio-metric system of recording attendance of staff.

- ➤ Public Address system to pass on information to students and staff.
- > Online Admission process was Introduced

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

	academic and administrative functioning of the College.
1. Goals	Alumni for Institution Development
	 □ To synergise Academic and Alumni □ To harness the financial and intellectual support for the enrichment of the institution.
Needs I	dentified:
	 □ Need for financial assistance for renovation, construction of additional class rooms and their maintenance. □ Need for institute endowment prizes and cash awards to encourage students □ Need to te-up the college with the industry through alumni association for intern ship arrangement and for placement guidance.
Practic	e :
	□ The College maintains a list of alumni to inform updates on college development and contact them for assistance. The college also assists the alumni to organize a meet once in a year on 3 rd Sunday of December. The head of the institution invites distinguished alumni to the get together and disseminates the information on various activities of the college and invites their suggestions to improve the quality of teaching and learning. The alumni are requested to institute prizes and cash awards to encourage academic excellence. Renovation, construction and maintenance of college gardens and playground are also entrusted to alumni. Further the alumni are requested to extend financial economically backward students. The alumni who excelled in various fields are requested to share their experiences with the present generation of the students.
Eviden	ce of Success:
	☐ Padma sreeDr B.V.R Mohan Reddy, CEO CYIENT Technologies, alumnus of the college donated an amount of Rs. 22 Lakhs in August 2015 for the construction of Auditorium with an estimated cost of 60 Lakhs to conduct inter/intra collegiate competitions.

	☐ Best Practices shared from other institutions ☐ The alumni association could get an assistance of Rs 5 Lakhs from INTACH (Indian National Trust for Arts and Cultural Heritage) for the renovation of old administrative building which was identified as heritage building.
Resource	s required: The Alumni Association meets all expenses.
2. E	arn While you learn
	□ To Make students self-reliant□ To involve students in short term internships
Needs Ide	entified: Application of knowledge for employment Need to inculcate the value of time and money Identifying and practicing talents into employable skills
Tructices	\Box Students with Skills in library maintenance are fine tuned to develop the skills into a career. Their skills and services are utilized in college and paid for their work.
Evidence	of Success: □ Students find part time jobs □ Internship programmes □ Students services are engaged in colleges
Resource	s required: College funds
3. D	Decentralization and Networking
	 □ To tap the creative potential of all staff members □ Tomake everyone a part of decision making process □ To share work among the teachers use
Context: Practice:	 □ To make use of the varied talents of faculty and students □ Need to enhance the ability and style of functioning □ To promote interaction with successful institutions through networking.
ractice.	□ Various committees (42 no's) have been formed with faculty and

students at the beginning of the academic year to distribute academic and administrative work according to ability. These committees work under the chairmanship of the Principal to suggest measures and improve the performance of various committees of the college such as Discipline Committee, Literary and Cultural Committee, Sports Committee, Anti Ragging Committee, and Campus Maintenance. They study practical measures of successful institutions and affect the same in all colleges. Further, a network is established among institutions for constant mutual interaction for academic activities & administrative convenience.

constant mutual interaction for academic activities & administrative **Evidence of Success:** ☐ The pressure of administrative and academic work reduced on the Principal. ☐ College is working in coordination with Committees ☐ Faculty exchange programmes initiated. ☐ Best Practices shared from other institutions Problems encountered and Resources required: ☐ No resources required as committees work at College level ☐ Lack of Commitment of faculty towards entrusted work with effective outcome 4. **Extended facilities to the differently abled students** Goals ☐ To address the problems of the differently abled students ☐ To ensurequality and create better learning environment **Context:** ☐ Toinstill confidence and a spirit of equality among the differently abled ☐ To help overcome physical disability with suitable amenities □ Need to provide comfortable and friendly environment ☐ To facilitate easy and faster learning for the visually challenged students **Practice:** ☐ Colleges provide facilities with comfortable inclination to make movement easy and effortless. Braille day is observed to sensitize students on the needs of differentlyabled students. The visually challenged students are provided are provided Jaws and Kurzwel software to facilitate easy learning. College inculcates values such as empathy and concern towards the differently abled fellow students. Scribes areappointed at the time of exams to help the visually challenged students. Competitions in literary, cultural and sports are conducted exclusively for the differently abledstudents to inculcate a spirit of equality and competition.

Evidence	of Success:
	☐ Campuses are made differently abled friendly.
	☐ Active participation of differently abled in special sports meet
	☐ Differently abled students opted for higher studies and some secured
	employmentthrough job drives.
Problems	encountered and Resources required:
	☐ Contributions from philanthropists and voluntary organizations
	☐ Scholarships and equipment from the social welfare department
	beholarships and equipment from the social wentere department
5. In	ndustry-Institution Interaction
Goals	indistry institution interaction
Gouls	☐ To bridge the gap between industry and the institution
	☐ To understand the needs of the employer trainstudents
	☐ To design Diploma Courses for employment in industry
Context:	To design Diploma Courses for employment in madsity
Context.	□ Need for an active relationship between employerstudent and
	institution
	☐ Regular awareness programmes with industry representatives
Practice:	Regular awareness programmes with industry representatives
i ractice.	☐ The Colleges conduct periodical interaction sessions with MDs and
	CEOs and Delegates from industry to create awareness among the
	•
	students on the nature of jobs available and the skills required to get
	employed. The institution enters into MoU with industries to design
	courses and train the students accordingly to ensure employment.
	Colleges have started Diploma Courses B. Voc Commercial
	Aquaculture, Retail Management, Web Technology & Multimedia and
	Analytical Techniques in Pharmaceuticals. These courses in turn help
	students qualify for various jobs.
Evidence	of Success:
	☐ Students employed in local aquaculture industry & IT based
	companies &Pharmaceuticals.
	☐ Associates are engaging students' services as for practical orientation
	& hands on training.
Problems	encountered and Resources required:
	☐ Faculty of the college run courses
	□ Voluntary Teachers from outside invited

Evaluative Reports of the Departments

Evaluative Report English Department

- 1. Name of the Department & its year of establishment
 - English Language and Literature 1884
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - ➤ U.G Language and Literature
- 3. Interdisciplinary courses and departments involved
 - ➤ Nil
- 4. Annual/semester/choice based credit system
 - Semester / choice based credit system
- 5. Participation of the department in the courses offered by other departments
 - ➤ Teaching communication skills to B.VOC (R.M & C.A) , Web technology , ATP
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate		
Professors		
Asst. Professors	07	05

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualificat ion	Designat ion	Specializ ation	No. of years of experie nce
V.SrinivasaR ao	M.A.,P.G. D.T.E.,D.I .L	Lecturer in English	20 th century literature	14 years
Dr.T.K.V.Sri nivasaRao	M.A.,B.E d.,Ph.d.	Lecturer in	Age of Tennyso	12 years

		English	n	
P.V.Krishan	M.A.,M.E	Lecture	20 th	06 years
aRao	d.,M.Phil.	in	century	
		English	literature	
B.N.Prathyus	M.A.,B.E	Lecturer	America	08 years
ha	d.	in	n	
		English	Literatur	
			e	
R.Aswini	M.A.,	Guest	Translati	03 years
		Faculty	on	
			studies	

- 8. Percentage of classes taken by temporary faculty programme-wise information
 - > 20%
- 9. Programme-wise Student Teacher Ratio

1:300

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
 - > NIL
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Name	Ongoing project	Title	Funding Agency	Grant Sanctioned
Sri V.SrinivasaRao	MRP	Dependence of Telugu print media on English vocabulary	UGC	55,000/-

- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
 - > NIL
- 13. Research facility / centre with

NIL

- o state recognition
- o national recognition
- o international recognition

14. Publications:

- * Number of papers published in peer reviewed journals (national / International) 01 Research in India (article, V.S.Naipaul: a bundle of contradictions
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- Culture shock, Suchitrapublications, Vizag
- ➤ Naipaul's India a Linguistics distance by Dr.T.K.V.SrinivasaRao
- Sri V.SrinivasaRao co-authored a text book for communication and soft skills. It is prescribed by APSCHE under foundation course for first year UG courses.
- ➤ Publishers : Maruthy publications Ltd.

15. Details of patents and income generated

NIL

16. Areas of consultancy and income generated

- ➤ Informal Consultancy Sri V.Srinivasa Rao is an Official translator on behalf of State Govt. for Sri Krishna Committee.
- ➤ JNTUK Question paper pattern design and preparation.

17. Faculty recharging strategies

- ➤ Attended UGC sponsored refreshers courses, seminars, symposia, workshops, ELF
- > Training, Infosys Project Genesis programme.

18. Student projects

o percentage of students who have done in-house projects including inter-departmental 50%

19. Awards / recognitions received at the national and international level by

- o Faculty
- > Sri V.Srinivasa Rao received district level best teacher award from CCEAP in 2014.
- Sri P.V.Krishna Rao was a member of Board of Studies for UG courses of Adi Kavi Nannayya University, Rajamahendravaram for the term 2013-15.
- ➤ Sri V.Srinivasa Rao is a member of Board of Studies for UG courses of Adi Kavi Nannayya University, Rajamahendravaram for the term 2016-18.
- Doctoral / post doctoral fellows
- Students
- ➤ V.MohanaMadhuri of B.A.(EEP) got first rank in ANURCET for M.A.Engish. She also received Pratibha award from AP State government in 2016.

20. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any. Conduct ---

21. Student profile course-wise:

Name of the course Refer question no. 2	Applications received	Selected	Pass percentage
2012-15	1830	670	84.72
2013-16	1607	754	89.85
2014-17	1820	689	76.86
2015-18	1913	838	
2016-19	2186	914	

22. Diversity of Students

Name of the Course (refer question no. 2)	% ofstudentsfrom thecollege	% of students from the state	% of students from outside the state
B.A.EEP, All classes	NIL	95 %	05 %

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

> 04 cleared AP SLET

24. Student progression

UG to PG	40%
PG to Ph.D	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
Campus selection	30%
Other than campus recruitment	20%
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	80%
From other universities within a state	20%
From other universities from other states	NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. 01

➤ DR T.K.V.Srinivasarao was awarded Ph.D. from Andhra University under FDP. His thesis is entitled Naipaul's perception of India.

27. Present details about infrastructural facilities

	Library	YES
	Internet facilities for staff and students	AVAILABLE
	Total number of class rooms	40
	Class rooms with ICT facility	10
	Students' laboratories	02
\triangleright	Research laboratories	NIL

28. Number of students of the department getting financial assistance from College.

➤ Govt. Scholarship, Pratibha Award, Poor boys fund, Endowment Prizes.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

➤ YES, through student feedback and feedback from employers/industry

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- ➤ Yes,feedback is obtained through discussions and consultations before and during BOS meetings. The inputs are considered in framing curriculum.
- b. students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
- Necessary changes are made in syllabus design and class room pedagogy. As per the requirement of the students the department has started material production.
- c. Alumni and employers on the programmes and what is the response of the department to the same?

Their views are positively considered.

31. List the distinguished alumni of the department (maximum 10)

- Dr. B.V.R.Mohan Reddy, Former chairman of NASSCOM and CEO CYIENT
- ➤ Prof I. V.ChalapathiRao Former Registrar. CIEFL & former Director of higher education.
- > Sri GMC Bala Yogi, former Speaker of LokSabha
- DrT.Rajya Lakshmi , former Director of Central Institute of Fisheries
- > Prof V. Ravindra, Director JNTUK
- > Dr MVV PrasadaRao, Director CBSE,New Delhi
- > Dr MV Bharatha Lakshmi, Rtd Principal
- > Dr. Nalini Mohan IFS
- Dr Raja Sekhar, Asst Professor in English, Govt Degree College, Vizag
- > SareenChatla, Asst Professor EFLU, Hyderabad

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- ➤ 2012, 2day National Seminar on "Big three and beyond." Professor S.RamaSwamy, Visiting Professor Yale University was the resource person.
- ➤ 2012, The department conducted one day workshop on "Phonetics" Professor V.V.N.Rajendra Prasad of Sri Krishna Devaraya University was the resource person.
- ➤ 2012, Guest lecture on Shakes Sphere and Kalidasa by Professor T.Vishwanatha Rao of Andhra University.
- ➤ 2016, Arranged a guest lecture on "Class room to Board room" by Dr. Gampa Nageswara rao, Impact Hyderabad.
- ➤ 2016, Arranged a guest lecture on "Romantic Poets" by Sri K.Krishna Kumar, Senior faculty, Government Arts College, Rajahmundry.
- ➤ 2016, Arranged a guest lecture on "Communication skills" by Dr. D.R.Usha, Principal, ASD womens College, Kakinada.

33. List the teaching methods adopted by the faculty for different programmes.

➤ Lecture Method, Communicative Language Teaching Method, ICT, Projects, Assignments, student seminars.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

➤ Through Continuous Comprehensive Evaluation(CCE) method, Class Room Assignments, Practicum, Sem-End Examinations and Student Progression.

35. Highlight the participation of students and faculty in extension activities.

Two members of our faculty are mana tv presenters and so far they have prepared and presented nearly twenty shows. The faculty also reach out to the general public through local FM radio station (radio ala 90.8) on English language, general knowledge, human values etc... our faculty also imparted training in human values and professional ethics to lecturers in technical-collegiate education and corporate sector. Our faculty or guest mentors at JKC imparting communication skills, soft skills and interview skills. Sri P.V.Krishna Rao is our college NSS programme Officer and he successfully conducted many social-outreach activities.

36. Give details of "beyond syllabus scholarly activities" of the department.

> Sri T.K.V.Srinivasa Rao, a visually challenged teacher helps VH students in using special soft ware and audio file based learning.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

> NA

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

Ours is the only department offering English literature as subject in and around our region .The department caters to the needs of more then 75% of the entire student community. Our JKC is one of the most successful in the entire state with 1600 placements till date. One of our colleagues, a visually challenged person, is adept at computer technology. He uses kurzweil/ JAWS software which converts print text into voice text. He gives training to the visually challenged students in using the same technology.

Weaknesses

➤ The department is under staffed out of 7 sanctioned posts, only three regular lecturers are working. Inspite of the stiff challenge from the corporate colleges, the department is able to attract a good number of students for the academic programs.

Opportunities:

➤ Globalization has made the English language, communication and soft skills an essential requirement for job seekers. Therefore there is lot of demand for English teachers and English communication skills trainers.

Challenges:

As most of our students are first generation learners and they are

from disadvantaged sections of the society. Their motivational levels are very low. They pursue their college studies with much difficulty and they work as part time employees after college hours. So it effects the quality of their learning.

39. Future plans of the department.

➤ The department wants to make proposals for introduction of PG in English language and literature. The department wants to impart coaching for competitive exams to the outgoing students.

Evaluative Report Telugu Department

- 1. Name of the Department & its year of establishment
 - ➤ Telugu, year of establishment: 1931
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - ➤ Telugu is offered as second language for all streams.
 - ➤ B.A Special Telugu with political science and history combination.
- 3. Interdisciplinary courses and departments involved
 - ➤ N.A
- 4. Annual/semester/choice based credit system
 - ➤ Semester, CBCS
- 5. Participation of the department in the courses offered by other departments
 - ➤ Telugu is offered as second language for all the courses offered by other departments.
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Sanctioned	Filled
03+1=4	1
	Contract+3
	guest

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience
VAS SaradaKumari	M.A.M.A.M. A.	Contract faculty	Vijayavilasam,	9
Dr. P.U.B. Sarma	M.A., Ph.D.,	Guest Faculty	Old Literature	Retd., Lecturer
D.Sridevi	M.A.NET	Guest faculty	Streeradam Sarangadharacha ritra	3
Ganga Bhavani	M.A.	Guest faculty	Hetuvadam	1

8. Percentage of classes taken by temporary faculty – programme-wise information

Contract faculty: 25%Guest faculty: 75%

9. Programme-wise Student Teacher Ratio

▶ B.Sc
 ▶ B.A
 ▶ B.Com
 ▶ B.A, Spl.Telugu
 1: 250
 1: 110
 1: 120
 1: 30

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
 - > Nil
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
 - > NIL
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
 - > NIL
- 13. Research facility / centre with
 - > state recognition
 - > national recognition
 - > international recognition
- 14. Publications:
 - * number of papers published in peer reviewed journals (national / international)
 - > Monographs
 - ➤ Chapter(s) in Books
 - Editing Books
 - ➤ Books with ISBN numbers with details of publishers
 - number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database -International Social Sciences Directory, EBSCO host, etc.)
 - ➤ Citation Index range / average
 - > SNIP
 - > SJR
 - ➤ Impact factor range / average
 - ➤ h-index
 - ➤ Proceedings of University seminars: 4 Paper Presentations

15. Details of patents and income generated NIL

16. Areas of consultancy and income generated:

Department actively participates in all the programmes of local literary associations; SahithiSravanthi and Aswadana SahithiSamathi

17. Faculty recharging strategies

- Book reviews
- ➤ Attending National/international seminars
- Subscribing for journals/magazines in Telugu

18. Student projects

Percentage of students who have done in-house projects including inter-departmental

> Final year special Telugu students are given project work in lieu of second mid semester.

19. Awards / recognitions received at the national and international level by

- Faculty
- ➤ V.A.S. Sarada Kumari was felicitated by the District Collector and State Excise Minister in 2013 in recognition of her contribution for the conduct of Telugu MahaSabhalu (Month long review of Telugu Literature)
- ➤ She was felicitated by SahithiSravanthi, a Telugu literary association in connection with Telugu Literature Day celebrations in August 2016.
- Doctoral / post doctoral fellows
- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

- ➤ International seminar on contemporary literature during 6th and 7th Feb 2015 Hindi-Telugu dalit atmakhala tulanatmaka adhynam.
- ➤ National seminar in memory of Dr. Addepalli Ramamohanarao, Feb 7th, 2015.

21. student profile course-wise:

Name of the	Applications	Selected		Pass percentage	
Course (refer question no. 2)	received	M	F	M	F
2011-12	754	413	332	95%	100%
2012-13	733	330	403	95%	100%
2013-14	884	446	438	95%	100%
2014-15	693	331	362	95%	100%

22. Diversity of Students

Name of the Course	% of students	% of students
(refer question no. 2)	from the college	from the state
All courses		100%

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

> ----

24. Student progression

UG to PG	20%
PG to Ph.D	-
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	-
Other than campus recruitment	-
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university 100% from other universities within the State Nil from other universities from other States Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

> -----

27. Present details about infrastructural facilities

➤ Library 100 books (Departmental library)

9

- ➤ Internet facilities for staff and students available
- > Total number of class rooms
- Class rooms with ICT facility
- > Students' laboratories
- > Research laboratories

28. Number of students of the department getting financial assistance from College.

- ➤ All the students of special telugu get assistance from government.
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
 - > NA

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- > Yes
- b. students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
- Yes. Staff are advised in case of bad remarks.
- c. alumni and employers on the programmes and what is the response of the department to the same?
- > Invites their suggestions for improving quality of teaching

31. List the distinguished alumni of the department (maximum 10)

- Devulapalli Krishna sastry
- Dr. V. Lakshmipathirao, National awardee for famous peot father of sarada.
- ➤ Dr. AvatsaSomasundar famous peot getting national &International poet.
- > Dr. YendamuriVeerendranath
- Dr. Pattabhi ramFamous Telugu film artists
- ➤ g) S.V.Rangarao
- ➤ h) RaoGopalarao
- ➤ i) Harnadh

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- ➤ International seminar on contemporary literature during 6th and 7th Feb 2015
- > Telugu literature in the context of Globalisation in 2011

- ➤ Book review on the book "I am Malala" in Oct. 2015
- 33. List the teaching methods adopted by the faculty for different programmes.
 - > Recitation of poems
 - ➤ Book reviews
 - > Student seminars
 - > Quiz programmes
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
 - > Student mentoring system
 - > Through continuous assessment
 - > Feedback from students.
- 35. Highlight the participation of students and faculty in extension activities.
 - > Students actively participate in literary and cultural competitions at intercollegiate, district, and state level competitions.
- 36. Give details of "beyond syllabus scholarly activities" of the department.
 - ➤ Book reviews
 - > Intercollegiate elocution competitions
 - > Essay writing competitions.
 - > Participation in intercollegiate completions
 - Competitions conducted by local literary association working for promotion of Telugu language
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
 - > No
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- ➤ Good percentage of pass
- > Collaboration with local literary associations
- ➤ Conduct of National seminars

Weakness

1. Deficiency of staff members

Opportunities:

- ➤ To introduce M.A. in Telugu
- ➤ Good prospects of students choosing Telugu for IAS and other competitive exams.

PRGC [A], Kakinada-A.P- NAAC SSR 3rd Cycle 2016-17

Challenges:

> Neglect of the language in the context of globalization.

39. Future plans of the department.

- The department wishes to introduce Post graduation in Telugu
 Development of Reading material for IAS and Group I service examinations.

Evaluative Report

Hindi Department

- 1. Name of the Department & its year of establishment :
 - > HINDI
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - ➤ UG with B.A./B.COM./B.Sc as second language as optional subject
- 3. Interdisciplinary courses and departments involved
- 4. Annual/semester/choice based credit system
 - > Semester, Choice based credit system
- 5. Participation of the department in the courses offered by other departments
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate		01
Asst. Professors	01	01

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualific ation	Design ation	Specializ ation	No.of years of experie nce	No. of Ph. D students guided for the last four years
Dr.P.Hari ram Prasad	M.A. Ph.D., SET	Lectur er in Hindi	nowels	6Years	One M.Phill
Dr.CH.B. Menon	MA Ph.D	Reader	poetry	30 years	

- 8. Percentage of classes taken by temporary faculty programme-wise information
 - > NIL

- 9. Programme-wise Student Teacher Ratio 45:1
- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

 NIL
- 11. Number of faculty with ongoing projects from
 - ➤ National : Ayodhya Research Centre, Lucknow
 - > International funding agencies and: ------
 - ➤ Total grants received. Mention names of funding agencies and grants received project-wise. MRP GRANT RECEIVED FOR Rs.2,45,000/- Entitled "Andhra SanskrutievamSamaj par Rama KavyakaPraBhav"
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
- 13. Research facility / centre with
 - o state recognition
 - o national recognition
 - o international recognition:
 - ➤ Department published 6-7 Feb.2015 seminar proceedings published with ISBN -978-93-81980-28-6 entitled "SahityaSamajtathasanskrutikesamakaleenaprashna" sponsored by
 - Ayodhya Research Institute, Lacnow, UP, India

14. Publications:

- Number of papers published in peer reviewed journals (national / International):
 15 Papers Published
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers: 3 Books Published
- > TulanatmakaSahitya : Hindi and Other Languages
- ➤ Hindi TelguSahityakeVividhaVimarsh
- > SahityaSamajtathaSanskrutikeSamaKallenaPrashna
- 15. Details of patents and income generated NIL
- 16. Areas of consultancy and income generated NIL
- 17. Faculty recharging strategies
 - ➤ Faculty researching strategies are to attend Refresher Courses, Orientation Course, National and International Seminars/conferences etc.

18. Student projects

o percentage of students who have done in-house projects including inter-departmental

5 Student Projects are available

Academic Year	No. of Study projects
2014-15	1
2015-16	2
2016-17	2

percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- ➤ Faculty :IUFF Award by Dr. P. Hari Ram Prasad from APCCE, Hyderabad.
- > Yuvatharang Award 2014.
- Doctoral / post doctoral fellows ------
- > Students -----

20. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any.

- ➤ National Seminar Conducted on 27-28 Nov.2011. with College Funds
- ➤ International Conference conducted 6-7 Feb.2015 with College Funds and in collaboration with Ayodhya Research Centre ,Lacknow, and S.S.R.I.,Mumbai.
- ➤ National Seminar on "Comprehensive study on the Autobiographies of Telugu and HindiDalitapoets" conducted on 5-12-2016, 6-12-2016.

21. Student profile course-wise:

Name of the course Refer question no. 2	Applicati ons received	Selected		Pass percentage	
		Male	Female	Male	Female
II B. Sc	35	26	9	100	98
II Bcom	13	03	10	75	100
II BA	02	01	01	100	100

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state
II BSC		100
II Bcom		100
II BA		100

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

UG to PG	15
PG to Ph.D	-
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	-
Other than campus	-
recruitment	
Entrepreneurs	-

25. University of staff

Percentage of faculty who are graduates	
Of the same parent university	100
From other universities within a state	
From other universities from other states	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Dr. P. HariRam Prasad: Ph.D

27. Present details about infrastructural facilities

 Library -Small Book Bank is Available with the Department

- o Internet facilities for staff and students Yes available
- Total number of class rooms

1

- Class rooms with ICT facility ----
- Students' laboratories
- Research laboratories

28. Number of students of the department getting financial assistance from College.

- > Students are getting financial assistance from the State government as scholarships, from the college through poor boys fund and endowment prizes.
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. ------
- 30. Does the department obtain feedback from
 - a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - The faculty members express their view on curriculum in BOS meeting and teaching learning evaluation process is discussed in the departmental staff meetings
 - b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
 - On line feedback system is following in the college to obtain feedback from the students. It is quite useful for teachers as well as students.
 - c. Alumni and employers on the programmes and what is the response of the department to the same?
 - We have strong college alumni which leading the college in Progressive way. They give their suggestions in meetings.
- 31. List the distinguished alumni of the department (maximum 10)
 - 1. Dr P Hari Ram Prasad
 - 2. Dr. N.Dalayya
 - 3. D. Vishala
 - 4. N.Niharika
 - 5. Ch.TataReddi
 - 6. S.Nagaveni
 - 7. K.Jaikumar
 - 8. GV Haritha
 - 9. Deepak Agrawal
 - 10.Md.Sofiya.
- 32. Give details of student enrichment programmes (special lectures /

workshops / seminar) with external experts.

- ➤ The Department of Hindi having Saraswathi club through this club we are organizing guest lectures and seminars etc
- > Our students are participating in Seminars and Work-Shops
- 33. List the teaching methods adopted by the faculty for different programmes.
 - 1. Lecture method
 - 2. PPT
 - 3. Student Seminar
 - 4. Questioning
 - 5. Mobile Teaching.
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? ------
- 35. Highlight the participation of students and faculty in extension activities.
 - ➤ Participating in NSS and NCC Camps as per schedule of the college
- 36. Give details of "beyond syllabus scholarly activities" of the department.
 - ➤ Research Papers presenting in seminars/work-shops
 - ➤ Participating in Campus selections/off campus selections etc.
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- 1. 100 % Ph. D. holders in the Department.
- 2. Providing study Material to students.
- 3. Conducted and participated both National and International conference every year with the cooperation of college authorities.
- 4. Research Guidance for M. Phil and Ph.D.
- 5. One MRP on going by Dr .P Hariram Prasad.

Weaknesses:

- 1. Hindi Enrolment is poor in Graduate level.
- 2. Lac of Hindi Language Lab

Opportunities and Challenges:

- 1. Providing PG entrance Coaching
- 2. DSC guidance.
- 3. Student Projects are conducting.
- 4. Guidance to competitive Exams.

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- 5. Carrier guidance.
- 39. Future plans of the department. To Improve Physical education, Skills, Games & Sports.
 - > Establish PG course in Hindi
 - > Establish Bed course in Hindi
 - > Conduct Diploma course in future

Evaluative Report Sanskrit Department

- 1. Name of the Department & its year of establishment
 - > Sanskrit, year of establishment : 1884
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - > Sanskrit is offered as second language for all streams.
- 3. Interdisciplinary courses and departments involved
 - > N/A
- 4. Annual/semester/choice based credit system
 - > Semester, CBCS
- 5. Participation of the department in the courses offered by other departments
 - Nil
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
AssociateProfessors		
Asst. Professors	01	1 guest

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. N o.	Name	Qualifica tion	Designati on	Specializat ion	Exper ience as lectur er	No.ofPh.D students guided for the last four years
1	I. Lakshmi Nagamani	M.A.	Guest faculty	KavyaPrak asamAlank araSastra	01	-

- 8. Percentage of classes taken by temporary faculty– programme-wise information 100%
- 9. Programme-wise Student Teacher Ratio

➤ B.Sc. 200:1
 ➤ B.A. 11:1
 ➤ B.Com. 47:1

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
 - ➤ Nil
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
 - > NIL
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
 - > NIL
- 13. Research facility / centre with
 - state recognition
 - o national recognition
 - o international recognition NIL
- 14. Publications: NIL
- 15. Details of patents and income generated NIL
- 16. Areas of consultancy and income generated :NIL
- 17. Faculty recharging strategies
 - ➤ Book reviews, Attending National/international seminars
- 18. Student projects
 - ➤ 10 projects are done by students
- 19. Awards / recognitions received at the national and international level by

Faculty :NILStudents :NIL

20. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

➤ International seminar on contemporary literature during 6th and 7th Feb 2015

21. student profile course-wise:

Name of the Course	Selected		Pass percentage	
(refer question no. 2)	M	F		
2012-15	134	104	93%	
2013-16	143	104	95%	
2014-17	133	114	98%	
2015-18	131	120		
2016-19	83	44		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
All courses		100%		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

3 taras pr 0 8 1 tabaran	
Student progression	Percentage against enrolled
UG to PG	0.2
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
Campus selection	
Other than campus recruitment	
Entrepreneurs	

- 25. Diversity of staff Percentage of faculty who are graduates
 - > of the same parent university

100%

- From other universities within the State Nil
- > from other universities from other States Nil
- 26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period
- 27. Present details about infrastructural facilities
 - ➤ Library
 - > Internet facilities for staff and students
 - > Total number of class rooms

06

- > Class rooms with ICT facility
- > Students' laboratories
- Research laboratories
- 28. Number of students of the department getting financial assistance from College.
 - > Government Scholarships, poor boys fund and Endowment prizes
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
 - > NA
- 30. Does the department obtain feedback from
- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - Yes
- b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
 - > Yes. Centralized feedback system is followed. Staff are advised in case of bad remarks.

- c) Alumni and employers on the programmes and what is the response of the department to the same?
 - Invites their suggestions for improving quality of teaching.
- 31. List the distinguished alumni of the department (maximum 10)
 - > I.L.Nagamani
 - > Subrahmanyam
 - ➤ NageswaraRao
 - > SrinivasaKalyan
 - ➤ RamuKundaram
 - Manga Rao
 - ➤ AdabalaVeera Lakshmi
 - ➤ Tulasi Devi
 - > Ashok
 - > Satyanarayana
- **32.** Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
 - Extension Lecture is arranged on 15-9-2016 by inviting Dr.SwapnaHyndavi, Principal, Govt. Sanskrit College, Vijayanagaram.
 - Extension Lecture is arranged on 26-9-2016 by inviting Dr.RVKSarma, Lecturer, Govt. Arts College, Rajamahendravaram.
- 33. List the teaching methods adopted by the faculty for different programmes.
 - > Lecture method
 - > PPTs
 - > Interaction method
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
 - > Student mentoring system
 - > Through continuous assessment
 - > Feed backfrom students.
- 35. Highlight the participation of students and faculty in extension activities.
 - > Students actively participate in literary and cultural competitions at intercollegiate, district, and state level competitions.
- 36. Give details of "beyond syllabus scholarly activities" of the department.
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
 - > No
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges

PRGC [A], Kakinada-A.P- NAAC SSR 3rd Cycle 2016-17

(SWOC) of the department

Strengths:

- > Providing PG Entrance Coaching
- D.Sc. guidance
- > Student projects are conducting
- > Giving Career guidance

Opportunities:

Challenges:

39. Future plans of the department.

Evaluative Report Mathematics and Statistics Department

1. Name of the Department: Mathematics and Statistics, Year of establishment:

Mathematics Department was established in 1884. Statistics was offered as one of the options from 2008 Actuarial Science was offered as one of the options from 2013.

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Year	Courses offered					
	Number Courses in the department					
2011-	8	MPC (TM), MPC (EM), MPE,				
12,		MPCs, MC Petro, MECs, MSCs,				
2012-		MCCs				
13						
From	9	MPC (TM), MPC (EM), MPE,				
2013-		MPCs, MC Petro, MECs, MSCs,				
14		MCCs, MSAs				

- ➤ M.Sc. Mathematics is started in the academic year 2014-15.
- A certificate course in Data Analytics which was introduced by Andhra Pradesh State Skill Development Corporation (APSSDC) is started in 2015-16.
- ➤ Mathematics department is offering a general elective "Mathematics for Competitive Examinations" to the students in IV semester.

3. Interdisciplinary courses and departments involved

- ➤ Interdisciplinary course is MSAS (Mathematics, Statistics and Actuarial Science)
- ➤ Departments involved are Computer Science, Commerce and Economics.

4. Annual/ semester/choice based credit system

- > Semester, Choice based credit system
- 5. Participation of the department in the courses offered by other departments
 - ➤ Basic Mathematics/ Statistics is being taught by the staff members of Mathematics and Statistics for the following courses:

S.No.	Course	Offering Department
1	M.Sc.(Zoology)	Zoology
2	ATP	Chemistry
3	B.Sc. (Biotechnology)	Zoology
4	B.VOC (Commercial Aqua culture)	Zoology
5	B.VOC (Web technology & Multimedia)	Computer Science

- ➤ Students of B.A., B.Sc. and B.Com.have Analytical Skills as a foundation course in V semester. Those classes are being taken by the Mathematics and Statistics staff members.
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors / Asst. Professors)

	Sanctioned	Filled
Professors		
Associate		
Asst. Professors	Mathematics – 04	03+2 (Guest
	Statistics and Actuarial	faculty)
	science-nil	03 (Guest
		faculty)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. N o.	Name	Qualificat ion	Designation	Specializ ation	Expe rienc e as lectur er	No.ofPh.D students guided for the last four years
1	Dr.V. Anantha Lakshmi	M.Sc., M.Phil. Ph.D. NET qualified	Lecturer in Mathematic s	Graph Theory & Numeric al Analysis	18 years	-
2	Dr.P.Subha shini	M.Sc., Ph.D.,	Lecturer in Mathematic	Graph Theory & Numeric al Analysis	18 years	Recognize d as guide by the University
3	Sri M.Lakshm an Das	M.Sc, M.Phil, M.Ed	Lecturer in Mathematic	Projectiv e Planes	11 years	-
4	Ms.	M.Sc	Lecturer in	Number	6	-

	M.Nagesw ari Devi	Mathemat ics	Mathematic s (Guest faculty)	Theory	years	
5	Ms. N.Sunitha	M.Sc. B.Ed Applied Mathemat ics	Lecturer in Mathematic s (Guest faculty)	Operatio ns Research	6 years	-
6	Ms. K.Surekha	M.Sc. (Statistics	Lecturer in statistics and Actuarial Science (Guest faculty)	Econome trics	5 years	-
7	Smt. C.Chinnam amba	M.Sc. (Applied Statistics)	Lecturer in statistics and Actuarial Science (Guest faculty)	SQC	1year	-
8	Sri S.Rajakum ar	M.Sc. (Statistics	Lecturer in statistics and Actuarial Science (Guest faculty)	Actuarial Statistics	6 year	-
9	Dr. B.V.Subba Rao	M.Sc., Ph.D.,	RetairedPro fessorworki ng as guest faculty for M.Sc Mathematic s	Algebra	2 years in this colle ge	2 M.Phil students
10	Smt. V.HariPriy a	M.Sc. Mathemat ics	Guest faculty for M.Sc Mathematic s		2 years	
11	Ch.Prabhas ivani	M.Sc. Mathemat ics	Guest faculty for M.Sc Mathematic s		2 years	

8. Percentage of classes taken by temporary faculty – programme-wise information

> Regarding Mathematics 38% of classes are taken by temporary

faculty for every course.

➤ 100% classes of Statistics and Actuarial Science are taken by temporary faculty.

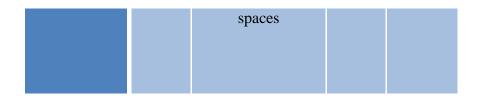
9. Programme-wise Student Teacher Ratio

Total Mathematics students:
 Faculty in Mathematics:
 Ratio 186:1

S.No.	Programme	Student Teacher Ratio
1	M.P.C.(T.M.)	60:1
2	MPC (E.M.)	
3	MPE	120:1
4	MCCs	120.1
5	MC Petro chemicals	
6	MPCs	
7	MECs	120:1
8	MSCs	120.1
9	MSASc.	

- > Total Statistics students +Actuarial Science Students:171+67=238
- > Faculty in StatisticsandActuarialScience :03
- > Ratio 80:1
- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled Nil
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received projectwise.

Name	Ongoi ng Project	Title	Fundin g Agenc y	Grant sanction ed in Rupees
Dr.P.Subhas hini	Minor Resear ch Project	A study on existence of common fixed points, coupled common fixed points in metric	UGC	3,55,000



12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

➤ UGC-BSR funds. Amount sanctioned to the department for projects: 30,000/-.

13. Research facility / centre with

- > state recognition
- > national recognition
- > international recognition

NIL

14. Publications:

*Number of papers published in peer reviewed journals (national / international) 15

Particulars of papers published

- > Dr. P.Subhashini (1-7),
- > Dr.V.Anantha Lakshmi (8-12),
- **▶ Dr.B.V.SubbaRao** (13-15)

S. N o	Title with Page No.	Journal	ISSN/ ISBN No.
1	Coupled fixed point theorems in partially ordered metric spaces by altering distances via Geraghty's contraction Pp 78 – 75	J. of advanced research in applied mathematics, Vol .4(4), 2012,	ISSN: 1942 – 9649.
2	Coupled common fixed points for a pair of compatible maps satisfied Geraghtycontraction in partially ordered metric spaces,	Int. J. of Mathematics and Scientific Computing, Vol.2, 2012,	ISSN: 2231 – 5330
3	Coupled common fixed point theorems of ciric type g – weak contractions withCLR _g property,133 – 145,	J. of Non linear analysis and optimization, Vol:4(1), 2013,	ISSN: 1906 – 9605.
4	Generalization of fixed point results of contractive maps by altering distances, 447 – 459,	Thai J. of mathematics, Vol: 11(2), 2013,	ISSN.: 1686- 0209.

5	Coupled common fixed points of contraction maps with a rational expression inpartially ordered metric spaces 1229-3067.	Adv. Studies Contemporary Math., Vol:23(3), 2013(July).	
6	Coupled coincidence points of Ø almost generalized contractive mappings in partially metric spaces 1 – 16	J. of Advanced Research in Pure Mathematics, Vol:5(4), 2013,	ISSN: 1943- 2380.
7	Coupled fixed points theorems for generalized strip Ø contractions in ordered metric Spaces239-247	J. of Advanced Research in Pure Mathematics Vol 2(2) 2014	ISSN: 1943- 2380
8	Unidominating functions of a path pp. 11-19	International Journal of Computer Engineering & Technology (IJCET) Vol.6, Issue8,Aug 2015,	ISSN: 0976 - 6367
9	Total unidominating functions of a path	International Journal of Computer Applications Volume 126 –No.13, September 2015, pp.43-48.	ISSN: 2250- 1797
10	Unidominating functions of a cycle	International Journal of Advanced Research inComputer Science and Software Engineering (IJARCSSE) Volume 5, Issue 10, October-2015, pp. 89- 94.	ISSN: 2277 128X
11	Total Unidominating functions of a cycle	International Journal of Engineering and Innovative Technology(IJEIT) Volume 5, Issue 4, October2015,pp 64- 68.	ISSN: 2277- 3754
12	Unidominating functions of a	International Journal	ISSN:

	complete k-partite graph	of Scientific & Engineering Research (IJSER), Volume 6, Issue 11, November-2015, Pp 1256-1261.	2229- 5518
13	Order Topology And Uniformity On A-Metric Space	International Research Journal of Pure Algebra -4(4), 2014, 488-494	
14	Metric Spaces with Distances in Representable Autometrized Algebras	South East Asian Bulletin of Mathematics (SEAMS)	Paper Accepte d
15	A Note on Representable Autometrized Algebras	Thai Journal of Mathematics (Scopus Indexed)	Paper Accepte d

- * Monographs
- * Chapter(s) in Books :Ms. Y.Padmaja is one of the authors for the book "Analytical Skills" prepared for JKC students in the State of Andhra Pradesh in the year 2014-15.
- * Editing Books **Nil**
- * Books with ISBN numbers with details of publishers Nil
- 15. Details of patents and income generated NIL
- 16. Areas of consultancy and income generated NIL
- 17. Faculty recharging strategies :
 - ➤ Attending Refresher Courses, Orientation Courses, Seminars, Workshops and Conferences.

Number of course attended by faculty members during 2011-2016

Name of the Faculty	No. of Orienta tion Course s	No. of Refres her courses	NO. National Seminar s	No. of Inter nati onal Sem inar s	No. of wor ksh ops	N o · F D
Dr. V.Anantha Lakshmi		-	06	02	01	01
DrP.Subhashini	01	01	04	01	01	01
Sri M.Lakshmandas u	01	01	01	-	04	01
Ms.K.Surekha	-	-	-	-	01	-

Particulars of courses attended during 2012-13 to 2016-17

Dr. V.Anantha Lakshmi

S.N o.	Progra mme	Organised by	Period	Topic	Remarks
1	Nation al Semina r	Sri PadmavathiMah ilaViswavidyala yam, Tirupati	2-3-12, 3-3-12	Recent Advances in Mathemati cs and its Applicatio ns	Participate d
2	Nation al Semina r	Dept. of Mathematics, P.V.K.N.Govt. Coolege, Chittoor, A.P.	14-3- 13, 15-3- 13.	Evariste Galois and SrinivasaR amanujan	Presented a paper on "The Comparisi on of lives of Galois &Ramanuj an

3	Nation al Confer ence	JNTUK, Kakinada	23-5- 14, 24- 5-14	Emerging Trends in Mathemati cal Sciences and Engineerin g Applicatio ns	Presented a paper on Edge unidomina ting functions of complete k-partite graphs
4	II Interna tion Confer ence	Dept. of Mathematics, S.V.University, Tirupati.	21-7- 14 to 23-7- 14	Applications of Fluid Dynamics	Presented a paper on Total Unidomin ating functions of a path
5	Nation al Confer ence	Department of PG Studies and Research in Mathematics, Gulbarga University, Gulbarga.	11-9- 14, 12- 9-14	Recent Advances in Applied Mathemati cs	Presented a paper on Total unidomina ting function of a cycle
6	Nation al Confer ence	Dept. of Sciences & Humanities, Vignan's University, Vadlamudi	12-14 Dec., 14.	XXIII Congress of APSMS and National Conferenc e on Mathemati cs	participate d
7	Nation al Confer ence	Dept. of Applied Mathematics, Sri PadmavathiMah ilaViswavidyala yam, Tirupati.	12-3- 15, 13- 3-15	Recent Trends and Advances in Mathemati cs and its Applicatio ns	Presented a paper on Strongly dominatin g functions of completely k partite graphs.

8	3 day State Level Work shop	IQAC & Department of Computer Science, P.R.Government College (A), Kakinada	6-10- 15 to 8-10- 15	Technolog y Enabled Teaching Learning in Higher Education Institution s	
9	Interna tional	Sri PadmayathiMah	25-3- 16, 26-	Computati onal,	Upper total
	Confer		3-16	Mathemati	unidomina
	ence	ilaViswavidyala yam, Tirupati.	3-10	cal and	tion
	CHCC	yam, mupan.		Biological	number of
				Modeling	a 3-regular
				Modeling	wheel
10	Faculty	IQAC &	2-12-	Designing	
	Develo	Department of	2016,	and	
	pment	Computer	3-12-	delivering	
	progra	Science,	2016	on line	
	mme	P.R.Government		courses	
		College (A), Kakinada		with Open Education	
		Kakillaua		al	
				Resources	

DrP.Subhashini

S.N o.	Programm e	Organised by	Period	Topic	Remarks
1	Internation al Conference	Dept. of Mathematics, Andhra University, Visakhapatna m	29-4- 14 To 1-5-15	Algebra and Application s	Paper presented on Coupled common fixed points for almost generalized (phi, psi)- contractive maps in partially ordered metric spaces

2	National Conference	JNTUK, Kakinada	23-5- 14, 24- 5-14	Emerging Trends in Mathematic al Sciences and Engineering Application s	Existence for coupled fixed points for Meir- keeler contractions
3	National	AKNU, Rajahmundry	06-07- 2012 07-07- 2012	National Conference	Paper presented on Coupled fixed points for a pair of compatible maps satisfying Geraghty contraction condition in partially ordered metric spaces.
4	National Seminar	Maharani College, Vizayanagara m.	27-12- 2012 to 28- 12- 2012	National Seminar	Paper presented on Coupled fixed for almost generalized contractive mappings condition in partially ordered metric spaces
5	Refresher Course	JNTUH, Hyderabad	17-5- 13 To 7-6-13	Role of communica tion skills in effective teaching	Participated
6	Orientation Course	MANU University, Hyderabad	14-5- 15 to 10-5- 15	Technology based Teaching Learning in Higher Education	Participated

7	3 day State Level Work shop	IQAC & Department of Computer Science, P.R. Government College (A), Kakinada	6-10- 15 to 8-10- 15	Technology Enabled Teaching Learning in Higher Education Institutions	
8	Faculty Developme nt programme	IQAC & Department of Computer Science, P.R. Government College (A), Kakinada	2-12- 2016, 3-12- 2016	Designing and delivering on line courses with Open Educational Resources	
9	Science Congress	Sri Venkateswar a University, Tirupati	3-1-17 To 7-1- 17	Existence of coupled fixed points for α_g – Muzikochi takahashi contractions	

Sri M.Lakshmandasu

S.No.	Program me	Organised by	Period	Торіс	Rema rks
1	Worksho p	P.R. Govt. College(A) Kakinada.	28-10- 2013 29-10- 2013	ICT- Teaching- Learning in Higher Education.	Partic ipated
2	Refresher Course	J.N.T.U Hyderabad	25-02- 2013 To 16-03- 2013	Mathematica 1 Modeling and its applications for Engineers and Scientists	A grade
3	2-day National Seminar	G.V.R.S. Govt. College(A) Dronachalam ,Kurnool. Dist	30-01- 2014 31-01- 2014	"Need for Reform: Examination Aspects at Under Graduate Level in Andhra Pradesh.	Partic ipated
4	3- day	University of	15-17,	Introduction	Partic

	work shop	Hyderabad, Hyderabad	April 14	of Choice Based Credit System Preparation of Basic format for Existing Autonomous Colleges	ipated
5	2-day district level Worksho p	P.R. Govt. College(A) Kakinada	09-12- 2014 10-12- 2014	Statistical Package for the Social Sciences.	Partic ipated
6	Orientati on Course	Maulana Azaad Urdu University	14-05- 2015 To 10-06- 2015		A grade
7	3 day State Level Work shop	IQAC & Department of Computer Science, P.R. Government College (A), Kakinada	6-10-15 to 8-10-15	Technology Enabled Teaching Learning in Higher Education Institutions	
8	Faculty Develop ment program me	IQAC & Department of Computer Science, P.R. Government College (A), Kakinada	2-12- 2016, 3- 12-2016	Designing and delivering on line courses with Open Educational Resources	

Ms. K.Surekha, Lecturer in Statistics

		,		
S.No.	Program me	Organised by	Period	Topic
1	Worksho p	PVP Siddartha Institute of Technology, Vijayawada	29-09-16 to 30-09- 16	Machine Learning using R

18. Student projects

- > Percentage of students who have done in-house projects including inter-departmental
- > Study projects are assigning to the academically advanced students

and some of the students present their projects in Science day celebrations. 30% of students involved in in-house projects.

S. No.	Academic Year	No. of study projects submitted
1	2011-12	02
2	2012-13	04
3	2013-14	04
4	2014-15	04+02
5	2015-16	04+04

19. Awards / recognitions received at the national and international level by

Faculty

- ➤ Dr. V.Anantha Lakshmi received young teacher award by State Government of Andhra Pradesh in 2013.
- ➤ Dr. P.Subhashini received the Best Teacher in Mathematics award by Commessionerate of Collegiate Education AP, Hyderabad in 2014.
- ➤ Dr. P.Subhashini received the district level best studentsprojectdirector by Commessionerate of Collegiate Education AP, Hyderabad in 2014.
- ➤ Dr. V. Anantha Lakshmi, Dr.P. Subhashininominated as Board of Studies member in Mathematics at ASD College(A), Kakinada during 2015-2017.
- ➤ Dr. V. Anantha Lakshmi is nominated as Board of Studies member in Mathematics at Ideal College of Arts & Science (A), Kakinada during 2015-2017 and at Pragathi Engineering College (A), Surempalem in 2016.

Students

- ➤ Every year 1 or 2 students are selected for MTTS (Mathematics Training and Talent Search Program) organized by National Board of Mathematics, Mumbai.
- ➤ Y. Malli of MPC (EM) stood as Mathematics state topper in 2013-14 and got prize from the Commissioner, CCEAP, Hyderabad.
- R.SaiHarnath III B.Sc. (MCCs), Murthy and A.RadhaMadhuri of III B.Sc.(MPC) were presented a paper on "Mathematical Modeling for the development of your village in view of Swachha Bharat" held at St.TheresaCollege (A), Eluru and got first prize in 2015.
- Mounica and Leelavathi of II MSCswere presented a paper on

- "Appllications of Differential Equations" in the seminar held at St.Theresa College (A), Eluru in 2015.
- ➤ P.Karunya II MCPC, presented a paper on "Applications of Group Theory" at MVN JS & RVR College, Malikipuram in 2015 and secured III place.
- ➤ R.V.Santosh I MPCs, P.Sravan Kumar I MSCspresented a paper on "Applications of Differential Equations in Economics" at MVN JS & RVR College, Malikipuram in 2015.
- ➤ Ms.S.Mounika Sri Achuta, I MSCs presented a paper and R.GeethAruneswari, P.Sravan Kumar and B.Siva Kumar of II MSCs are participated in Quiz programme competitions at SYNERGIA 2K16 state level statistics students'meet organized by Aditya Degree College, Kakinada and obtain second prize on 20-10-2016.
- 20. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

National Seminar on "Recent Trends and Applications in Mathematics and Statistics" is organized on 28-9-16 and 29-9-16 with UGC Autonomous funds and financial assistance given by State Bank of Hyderabad, ZP Branch, Kakinada under CSR funds.

Resource persons are

- ➤ Prof. G.V.R.Babu, Dept. of Mathematics, Andhra University, Visakhapatnam.
- ➤ Prof. R.R.L.Kantam, former registrar and Professor in Statistics, Nagarjuna University, Guntur.
- > Prof. G.Radhakrishnamacharyulu, NIT, Warangal.
- > Prof. G.P.Rajasekhar, Dept. of Mathematics, IIT, Khargpur.
- > Prof. V.Ravindranath, Dept. of Mathematics, JNTUK, Kakinada.
- > Dr.V.PapaiahSastry, Principal, Govt. Degree College, Jaggampeta.

Some of the outstanding participants are

- > Prof.G.V.S.R.Deekshitulu, JNTUK, Kakinada
- Dr.R.SubbaRao, Professor, Sri Vishnu Engineering College for women, Bhimavaram
- Dr.A.S.R.Murthy, Retired Professor, Ideal Educational Institutions, Kakinada
- ➤ Dr.K.N.V.V.Vara Prasad, Dept. of Pure and Applied Mathematics, Guru GhasidasViswavidyalayam, Bispur.
- 21. Student Profile(First year Admitted strength in an academic year and their final year results were given).

Name of the Subject	Academ ic Year	Sanct ioned stren gth	Appli . recei ved	Selected		Pass Percentage Mathematics		
		8	, ou	M	F	T	M	F
Mathemati cs	2011-14	270	1398	14 2	124	266	77%	84%
	2012-15	270	1453	17 6	113	289	67%	77%
	2013-16	300	1461	18 0	109	289	91%	97%
	2014-17	300	1472	18 6	133	319		
	2015-18	300	860	20 8	108	316		
	2016-19	300	1109	24 2	128	370		
Statistics	2011-14	30	52	7	20	27	90%	92%
	2012-15	30	86	10	19	29	77%	90%
	2013-16	60	66	11	29	40	85%	100%
	2014-17	60	30	21	41	62		
	2015-18	60	63	26	26	52		
	2016-19	60		38	33	71		
Actuarial	2013-16	30	15	7	5	12	100%	80%
Science	2014-17	30	28	14	14	28		
	2015-18	30	21	13	8	21		
	2016-19	30	150	22	11	33		

22. Diversity of Students

Name of the	% of	% of	% of	% of
Course	students	students	students	students
(refer question	from the	from the	from other	from other
no. 2)	college	state	States	countries
All the courses MPC(TM) &		100%		
(EM), MPCs, MPE, MECs,				
MSCs, MCPC, MCCs, MSAs,				

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NIL

24. Student progression

UG to PG	30%
PG to Ph.D	-
Ph.D. to Post-Doctoral	-
Employed	30%
Campus selection	10%
Other than campus recruitment	20%
Entrepreneurs	03%

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	75% (Andhra University)
From other universities within a state	25%
From other universities from other states	

26. Number of faculty who were awarded Ph.D.,D.Sc. and D.Lit. during the assessment period.02

- > Dr.P.Subhashiniwasawarded Ph.D. in 2013 by Andhra University,
- ➤ Dr.V.AnanthaLakshmi was awarded Ph.D. in 2016by Sri PadmavathiMahilaViswavidylayam, Tirupati.

27. Present details about infrastructural facilities

> Library

A departmental library is maintaining with the following books:

- Books for P.G. students 31,
- Donated by Sri Vasudevarao, alumni and retired principal 50,
- From MRP funds of Dr. P. Subhashini -50
- Complementary copies and personal books -50

> Internet facility

• Internet facilities for staff and students Internet facility is available in department and in Labs.

> Total number of class rooms :10

Class rooms with ICT facility :04 class rooms and in Labs

> Students laboratories :02

- 6 x 5 n-computing systems are in Statistics lab
- 5 x 2 n-computing systems and 10 systems for Data Analytics course are in another lab.
- ➤ Research laboratories ---

28. Number of students of the department getting financial assistance from college.

800 approximately.

- ➤ Government of Andhra Pradesh provides scholarships to Economically Backward, OBC, SC, ST students.
- ➤ Poor Boys fund is available in the college. Every year the amount is distributed to needy students.
- ➤ Meritorious students got financial Assistance through endowment prizes.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, given the methodology.

- Yes, Statistics is necessary for analysis of data in any field and every researcher must need the assistance of Statistician. Hence Mathematics, Statistics and Computer Science group is started.
- ➤ LIC officers suggested that the there is need of acturians in India. As per their suggestion Mathematics, Statistics and Actuarial Science group is started in 2013-14.

30. Does the department obtain feedback from

- **a.** faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - ➤ All faculty members of the department express their views on curriculum in the Board of Studies Meeting.
 - ➤ The matters relating to teaching, learning and evaluation are discussed in the monthly department meetings. The ideas of all staff members are taken into consideration for enriching the teaching, learning and evaluation process.
- b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
 - ➤ Centralized online feedback system is in practice for the whole college on staff as well as teaching learning and Evaluation. Also there is a practice in college of taking centralized feedback on

curriculum. This feedback useful for the staff members to improve themselves in all aspects.

- c. Alumni and employers on the programmes and what is the response of the department to the same?
 - ➤ In Board of Studies committee one of the member is a old students. In BOS meeting he/she express his/her views on the programmes and give some suggestions Department takes their suggestions also in to consideration.

31. List the distinguished alumni of the department(maximum 10)

- Prof. Tata SubbaRao, Retired Professor, Monchester University.
- > Sri. PydahVenkateswaraRao, Chairman, Abhaya foundation.
- > Sri. Vasudeva Rao, Retired Principal
- Dr. A. Sri Rama Murthy, Retired Professor, Ideal Educational Institutions, Kakinada.
- ➤ Sri. V.PanduRangaRao, Retired Lecturer
- Dr.Deekshitulu, Head of the Department of Mathematics, JNTUK
- > Sri. P.Subrahmanyam, HOD of Mathematics, Ideal College
- > Dr.P.KameswaraRao, MathematicsVIT, Vellure.
- > Dr.Md. Paacha, Lecture in Chemistry, P.R. Govt. College, Kakinada.
- > Sri A.Agastanis, Principal, Ashram Public School, Kakinada.

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

1000	rectures, workshops, seminar, with external experts.				
S N o.	Acadam ic Year	Dates	Activity	Names and Addresses of the Guests	
1	2012- 13	28-6- 12	Awareness Programme for the recruitment of LIC Agents	G. Venkateswarulu, Branch Manager, LIC of India	
2	2012- 13	Nov 2012	Inauguration of SPSS	PydahVenkateswaraRao	
3	2012- 13	20-12-12	"Maths For EACH" (Environme nt, Arts, Culture, History)	Sri P. Subbaraghavayya, DFO, Kakinada	
4	2013- 14	29-06- 13	Statistics Day	Dr. V. Mahipal, Chief Planning officer,	

			Celebrations	Ministry of Economics and Statistics, Kakinada
5	2013- 14	24-2- 14	Guest Lecture	Dr. P.Padmavathi, Principal , FAC, Begampet, Kakinada
6	2014- 15	25-9- 14	Guest Lecture	Prof. P. RangaRao, HOD of Mathematics, Andhra University, Vizag
7	2014- 15	3-12- 14	Inauguration of π Club	Prof. Deekshitulu, HOD of Mathematics, JNTU, Kakinada
8	2014- 15	3-12- 14	Extension Lecture on Applications of Mathematic s	Prof. Deekshitulu, HOD of Mathematics, JNTU, Kakinada
9	2014- 15	3-12- 14	Inauguration of TPMP Program	Prof. Deekshitulu, HOD of Mathematics, JNTU, Kakinada,Lt. Dr. M. Satyanarayana, Principal, PRGC, Kakinada
10	2014- 15	9-12- 14, 10- 12-14	2- day district level workshop on SPSS	Prof. K. Muni Swamy, Prof. of Statistics, Andhra University, Vizag Dr.K.SatyajiRao, Senior Scientist, National Institute of Hydrology, Kakinada
11	2014- 15	22-12- 14	Celebration of SrinivasaRa manujan's Birthday	Prof V. Ravindranath, JNTUK, Kakinada, Dr. Vasudevarao, Retired Principal, Kakinada
12	2014- 15	15-4- 15	Guest Lecture on Careers with Actuarial Science	Sri. Ch. Tata Rao, Administrative officer,LIC, Mendapeta

13	2015-16	29-6- 15	National Statistics Day Celebrations	P.EswaraRao, Senior Statisticsl Officer, NSSO, Kakinada, Dr. V. Mahipal, Retired Chief Planning officer, Ministry of Economics and Statistics, Kakinada
14	2015-16	3-9-15	Guest Lecture	Sri K.V.KondalaRao, Branch Manager, LIC,Kakinada; Sri. V. V. BhaskaraSarma, Principal Agent's Training Centre, Kakinada, Sri. Y.L. GiriBabu, AAO, LIC, Kakinada
15	2015- 16	24-9- 15	Guest Lecture	Dr.K.L.Saraswathi, HOD of Mathematics and Statistics, St.Theresa College (A), Eluru
16	2015- 16	22-12- 15	Mathematic s Day Celebrations	Dr.K.V.Anandam, Principal, MVN JS & RVR College, Malikipuram, E.G.Dt.,
17	2015- 16	28-12- 15	Extension Lecture on "The works of SrinivasaRa manujan"	
18	2016- 17	29-6- 16	National Statistics Day Celebrations	Dr.T.C.Ravi Chandra Kumar, Principal, Government Degree College, Tuni, E.G.Dt.

19	2016- 17	6-8- 2016	Extension Lecture on "Career Opportunities with Actuarial Science"	Sri Rajeev Muttu, Associate Professor, KIT, Divili. (Passed 8 Acturian CT papers)
20	2016- 17	28-9- 16, 29- 9-16	National Seminar in Mathematic s and Statistics	Prof.
21	2016- 17	22-12- 16	Extension Lecture on "Fourier Series"	Dr.T.Hymavathi, Assistant Professor, ANUR, Rajahmahendravaram.
22	2016- 17	22-12- 16	Mathematic s Day Celebrations	Dr.T.Hymavathi, Assistant Professor, ANUR, Rajahmahendravaram.

Extension Lectures delivered by the staff members in other institutions:

S.No.	Name of the faculty	Period	Name of the Institution	Remarks
1	Dr. V.Anantha Lakshmi	Nov., 2014	Government Degree College, Razole	10 days classes are taken under DRC plat form.
2	Lakshmi 08-	23- 08- 2016	Government Degree College, Ramachandrapuram	Delivered a lecture on "Applications of Differential Equations"

3	Dr.P.Subhashini	26- 08- 2014	Ideal College of Arts and Science (A), Kakinada	Delivered a lecture on "Mathematics in real life"
4	Sri M. Lakshmana Das	16-8- 16 to 30-8- 16	Government Degree College, Eleswaram.	10 days classes are taken under DRC plat form.

33. List the teaching methods adopted by the faculty for different programmes.

- > Lecture method
- > ICT method
- ➤ In addition to them the supplementary methods Assignments, Quiz programmes, Student Seminars are also adopted.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Learning outcomes are monitored through
- ➤ The internal examinations, Assignments Subject understanding and reproducing
- ➤ Conducting of student seminars Communication skills, clarity on particular topic and capacity of facing a group.
- ➤ Quiz programmes, Group Discussions Interaction with others, discussing about an issue in group.
- ➤ Involving in the departmental activities conducted Communication Skills, Organizing skills, Leadership qualities.

35. Highlight the participation of students and faculty in extension activities.

S.No	Academic Year	Extensio n Activity	No. of students participat ed	No. of faculty members participa ted	Remarks
1	2011-12	11-12-12	3 students	1	Participated in the one day workshop at GDC, Razole
2	2011-12	22-12-12	5	-	Participated in the one day workshop held at GDC, Bhadrachalam, Khammam.

3	2014-15	27-11-14	5	1	One day Workshop on Employable Skills
4	2014-15	3-12-14	50	8	Plantation programme nearby main gate.
5	2014-15	20-12-14	20	8	Town level Paper presentation and Poster presentation competition on "Applications of Mathematics" to under graduate students.
6	2014-15	25-2-15	20	8	Quiz competitions at various schools in view of Science Day.
7	2014-15	28-2-15	80	8	Exhibited Science Projects in Science Day Celebrations
8	2014-15	28-11-14	400	8	Clean and Green Program
9	2014-15	03-01-15	128	8	SwachhaBharat
10	2015-16	28-8-15	80	8	Blood Donation
11	2015-16	6-9-15	400	1	Awareness Program on Career Orientation for Group I
12	2015-16	9-9-15	400	5	Multi Media Awareness Program
13	2015-16	18-12-15	40	9	Town level quiz programme conducted to undergraduate students.
14	2015-16	19-12-15	60	9	Essay writing competition on "The life of SrinivasaRamanujan" to the school children in Kakinada town.

15	2015-16	27-2-16	20	3	Quiz competition in Mathematics to VIII and IX class studentsat various schools in Kakinada.
16	2015-16	28-2-15	30	9	Exhibited Science Projects in Science Day Celebrations
17	2016-17	16-07-16	20	2	On the title of "Serving Hands" distributed books and pens, worth of 1250/- to the children of JeevanShravanthi Welfare Society, DatlaVariVeedhi, Gandhi nagar, Kakinada.

36. Give details of "beyond syllabus scholarly activities" of the department.

- ➤ Dr.V.Anantha Lakshmi is invited as a resource person for the student seminar conducted at MVNJS&RVR College, Malikipuram in 2014, as a resource person for the poster presentation competition to the students at D.N.R.College for women, Palakol on 7-12-15 and a chief guest for Mathematics day celebrations at Ideal College of Arts & Science (A), Kakinada on 22-12-2016.
- ➤ Dr.P.Subhashini is acted as judge for Inspire Awards for Kakinada region conducted by District Education Officer, E.G.Dt. in 2014-15.
- ➤ Sri. M. LakshmanDasu were Subject Experts in Mathematics for ECET, AP organized by JNTUK, 2011-12, 2012-13, 2013-14

37. State whether the program/department is accredited/ graded by other agencies. Give details. NA

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths of the Department:

- Qualified staff with M.Phil 1 members, with Ph.D. 2 member and one member qualified NET.
- ➤ Well equipped labs with soft wares like SPSS and R Language.
- ➤ The intake capacity of the students in Mathematics streams is very encouraging.
- ➤ This is the only college having Actuarial Science as one subject in UG course in Andhra Pradesh.
- National Level Selections in MTTS since 2007.

Weaknesses of the department:

> Student Teacher Ratio is more than 100.

Opportunities of the department:

- ➤ The students who studied Mathematics can easily face the competitive examinations.
- ➤ Data Analytics place a vital role in corporate sector. So the students of Mathematics and Statistics who are enrolled for certificate course in Data Analytics have plenty of opportunities.
- ➤ Every insurance industry requires actuarians. So there are so many chances for getting jobs to the students of MSASc.(Mathematics, Statistics and Actuarial Science).

Challenges of the department

- ➤ In some programmes like MPE the quality of intake is low. To get good pass percentage in the subject is a big task.
- As strength of the class is more than 100 it is a challenge to manage the class.

39. Future plans of the department.

- > To design the curriculum in such a way that Problem solving section for at least one semester through MAT Lab software.
- To improve the research atmosphere in the department.

EVALUATIVE REPORT COMPUTER SCIENCE DEPARTMENT

- 1. Name of the Department & its year of establishment
 - Department of Computer Science, Year of Establishment: 2001.
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG Courses:

- ➤ B.Sc (MPCS, MECS, MSCS, MCCS)
- ➤ B.Com (CA, CS)
- ➤ BA (CA)
- ➤ B.Voc Multi Media and Web Technology
- 3. Interdisciplinary courses and departments involved
 - ➤ B.Voc Multi Media and Web Technology: Departments involved are Mathematics and Electronics
- 4. Annual/semester/choice based credit system
 - ➤ Choice based Credit System
- 5. Participation of the department in the courses offered by other departments
 - MAS, B.Com RCCS, RM (Retail Management), Commercial Aquaculture
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors /	04	01 Regular, 02 Contract
Lecturer		04 Guest

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualificati on	Designatio n	Specializati on	No. of Years of Experien ce
K.V. Sobha	MCA,	Lecturer	Computer	4 Years
Rani	SLET, Ph.D		Applications	1Month

D.SitaRamul u	M.Sc., M.Phil, MBA	Contract Lecturer	Computer Science	14 Years
R.N. Raghu Ram	M.Sc	Contract Lecturer	Computer Science	13 Years 6 months
P Chakradhar aRao	MCA	Guest Lecturer	Computer Applications	7 Years
G Anitha	M.Sc, B.Ed	Guest Lecturer	Computer Science	5 Years
G Sunitha	M.Sc, B.Ed	Guest Lecturer	Computer Science	4 Years
P. L. Bhanu	MCA, M.Tech	Guest Lecturer	Computer Applications	4 Years 9 months
B. Kranthi Kumar	MCA, B.Ed, SLET Qualified	Guest Lecturer	Computer Applications	4 Years 9 months

8. Percentage of classes taken by temporary faculty – programme-wise information

▶ B.Sc 37.5%▶ B.Com 50 %▶ BA 50%

9. Programme-wise Student Teacher Ratio

> Total Computer students:500 No. of teachers: 08

➤ B.Sc 37:1 80:1

➤ B.Com 12:1 60:1

➤ BA 10:1 110:1

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
 - > NIL
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
 - > NIL
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
 - > NIL

13. Research facility / centre with NIL

- > state recognition
- > national recognition
- > international recognition

14. Publications:NIL

15. Details of patents and income generated

> NIL

16. Areas of consultancy and income generated

> NII

17. Faculty recharging strategies

➤ Refreshing courses, conducting training programmes, Attending Workshops.

18. Student projects

Percentage of students who have done in-house projects including inter-departmental

2012-13	80%
2013-14	70%
2014-15	20% r

2014-15
 20% projects+80% PPT's
 2015-16
 30% projects+70% PPT's

19. Awards / recognitions received at the national and international level by

- o Faculty
- Doctoral / post doctoral fellows
- **o Students**
- > NIL

20. Seminars/ Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any.

Workshop:

- ➤ ICT Teaching Learning for Higher Education-(2day Workshop)-2014
- ➤ 3 Day State Level Work shop on "Technology Enabled Teaching-Learning in Higher Education Institutions", October-2015.

21. Student profile course-wise:

Academic year	Applications Received	Selected	Pass Percentage
2011-14	734	195	87.5

2012-15	694	218	96.09
2013-16	800	206	93.75
2014-17	1105	245	
2015-18	810	214	
2016-19	943	248	

22. Diversity of Students

NAME OF THE COURSE	%of students from the college	% of students from the state
MCCs		100%
MPCs		100%
MECs		100%
MSCs		100%

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

➤ NIL

24. Student progression

Student Progression	Percentage Against Enrolled
UG to PG	5%
PG to M.Phil.	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed →Campus Selection →Other than Campus Recruitment	149Campus placements
Entrepreneurs	Nil

25. Diversity of Staff

Percentage of Faculty Who are Graduates	
Of the same Parent University 50%	
From other Universities with in	50%
State	
From other Universities, From	Nil
other States	

26. Number of faculty who are awarded Ph.D ,D.Sc and D.Litt. during the assessment period.

> Nil

27. Present details about infrastructural facilities

	Library	Centralized Library is utiliz	ed.
\triangleright	Internet facilities for staff and	nd students (Provided 20)Mbps)
	Total number of class room	s 15	_
\triangleright	Class rooms with ICT facili	ty 11	
\triangleright	Students' laboratories	03	
	Research laboratories	NII.	

28. Number of students of the department getting financial assistance from College.

➤ 400 students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

- > Interaction with industry people.
- > Syllabus is designed based on Sector skill council.

30. Does the department obtain feedback from

- **a.** Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - Yes, feedback is obtained through discussions at the time of BOS meeting and considered their suggestion in framing curriculum.
- b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
 - ➤ We are taking online feedback and appropriate action will be taken related to a problem.
 - ➤ Alumni and employers on the programmes and what is the response of the department to the same? NIL

31. List the distinguished alumni of the department (maximum 10)

- > Tedlapu Krishnaveni, Wipro, Chennai
- > P. Sairam Reddy, Wipro Bangalore
- M. Ramadevi, TCS Hyderabad
- Rayudu Mahalakshmi, TCS Bangalore
- ➤ G. Aparna, WIPRO GIS, Hyderabad
- ➤ G.Devi, Cyient Technologies
- G. Siva Chakra babji, Wipro, Pune

- **32.** Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
 - ➤ 2010-2011 Guest Lecture Program on "Role of Information Technology-Current Scenario" by B. Suresh, Deputy Director, STPI, Kakinada
 - ➤ 2013-2014 Guest Lecture Program on "Mobile Computing" by M. Kumar, C-DAC Technical Officer, Hyderabad.
 - ➤ 2013-2014 2 day hands on training on M-Learning (Free Distribution of Aakash Tablet PC's, C-DAC-By M. Kumar, C-DAC technical Officer, Hyderabad)
 - ➤ 2014-2015 Guest Lecture Program on "Digital India-Job Opportunities for Young India" by P. Madhusudhan Rao, District Informatics Officer, NIC, Yanam
 - ➤ 2015-16 Guest Lecture Program on "Career Awareness Programme on Computer Hardware and Networking" By M. Srinivasa Chary, SAN Info Technologies, Managing Director.
 - ➤ 2015-16 3 day State Level Workshop on "Technology Enabled Teaching Learning in Higher Education Institutions" organized by IQAC and Department of Computer Science.
 - ➤ 2016-17 Guest Lecture programme on "Digital India-Job opportunities for young India" by P.MadhuSudhanaRao, Scientist-E, NIC, Yanam.
- 33. List the teaching methods adopted by the faculty for different programmes.
 - > ICT Teacher Learning Method
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
 - ➤ Through the Student results
- 35. Highlight the participation of students and faculty in extension activities.
 - > Swachh Bharat Program
- 36. Give details of "beyond syllabus scholarly activities" of the department.
 - > Field trips
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
 - > NIL
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

PRGC [A], Kakinada-A.P- NAAC SSR 3rd Cycle 2016-17

Strengths:

- Monitoring of online feedback
- > Maintenance of college website
- > Distribution of Aakash tablets in the college
- Providing Internet facility to the students
- Running B.Voc Web Technology & Multimedia Course with Lab.
- Running Cyber Security Course with Lab.

Weaknesses:

> Shortage of regular faculty

Opportunities:

Conducting vocational course Multimedia & web designing, Cyber Security Course.

Challenges:

> Heavy Workload

39. Future plans of the department.

- ➤ Introducing online examination system for computer subjects.
- ➤ Introducing online projects for the students.
- > Staff training programme with the support of administration.

Evaluative Report Physics & Electronics Department

1. Name of the Department & its year of establishment

- ➤ The department of Physics was established in 1884 and Physics was offered as one of the options in intermediate from 1884 1958. From 1958 onwards Physics was offered as one of the options at under graduate level i.e. in B.Sc. course.
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - > Courses Offered by the department and intake capacity

S.No.	Course	In take	
1	MPC (TM)	60	
2	MPC (EM)	30	
3	MPCs	30	
4	MPElec	30	
5	MECs	30	
	Total 180		

3. Interdisciplinary courses and departments involved

- ➤ The department is offering a General Elective course to all the students of second year in the 4th semester and its title is "Electrical And Electronics Appliances". This is the Interdisciplinary courses any student of 4th semester can offer.
- ➤ The department isalso offering a certificate course"Solar power design and system integration" for all the science students.

4. Annual/semester/choice based credit system

- ➤ All the programmes of the college are run in semester system. The college adopted CBCS system from the academic year 2014 2015
- 5. Participation of the department in the courses offered by other departments
 - Computer Department.

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors / Lecturer	9	4(Regular),1(Contract),02(Guest)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualificatio n	Designatio n	Specializat ion	No. of years of experien ce
Sri K.VENKATESWARA RAO	M.Sc., B.Ed.	Lecturer in Physics	Electronic s	5y&8mo nth
Sri U.V.B.B. KRISHNA PRASAD	M.Sc., M.Phil., M.Ed.	Lecturer in Physics	Molecular Spectrosco py	5y&8 month
Sri A.SIMHADRI	M.Sc.	Lecturer in Physics	Solid-state Physics	04
Sri K. JAYA DEV	M.Sc., M.Phil.	Lecturer in Physics	Electronic s	03
Sri B.SRIKANTH	M.Sc	Lecturer in Physics	Electronic s	13
Smt A.PRABHAVATHI	M.Sc	Lecturer in Physics	Solid-state physics	02
Kum P.DIVYA	B.Tech	Lecturer in Physics	ECE	01

8. Percentage of classes taken by temporary faculty – programme-wise information

➤ Regarding the department of Physics & Electronics temporary faculty are taking nearly 35 % of classes

9. Programme-wise Student Teacher Ratio

Regarding the department of Physics & Electronics the student teacher ratio is 58:1 i.e. (520:9)

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

S.No.	Staff	Sanctioned	Filled
1.	Technical Staff	01	01
2.	Administrative Staff	06	05

- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
 - For the present the department has no ongoing projects
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
 - > Nil

13. Research facility / centre with

- o state recognition
 - ➤ The department developed a material science research lab for the purpose of research of the faculty and students
- o national recognition

14. Publications:

- * Number of papers published in peer reviewed journals (national / International)
- Papers presented in National conferences - 04, International conferences - 04
- > Publication per faculty
 - Dr. M.V.K. Meher published 7 research articles
 - a. Elastic behavour of Sb5+ substituted Lithium Ferrites. Journal name: Workd Journal of Science and Technology: 2(11)p. 64-66, 2012

- b. Elastic behavior of Mo6+ substituted Lithium Ferrites. Journal name: International Journal of Research and Publication: 2 (7)p. 1-2, 2012. July 2012.
- c. Micro structural dependence of Magnetic properties of Sb5+ substituted Lithium Ferrites. Journal name: International Journal of Modern Physics B Vol: 26 No. 32 2012 Id No. 1250204 (9 Pages)
- d. Structural properties of Antimony substituted Lithium Ferrites sintered at high temperature. Journal name: International Journal for Scientific research and development: 2 (11) 2015
- e. Structural parameters of Molybdenum substituted Lithium Ferrites. Journal name: International Journal of Research Engineering and technology: 2 (4) 2015
- f. DC electrical Properties of Antimony substituted Lithium Ferrites. . Journal name : International Journal of Applied Science Engineering and Technology : 4 (2) 2015
- g. Ultrasonic studies and excess properties of binary mixtures of Ethyl Methyl Ketone and Chloro Benzene at 308.15 K: Journal name: International Journal of Innovative Research Science Engineering and Technology (IRSET): 4 (7) July 2015

Dr. M.V.K. Meher published two proceedings.

- 1. Elastic properties of Antimony substituted Lithium Ferrites through ultrasonics pulse transmission technique and I R spectrum. Journal name: Journal of Science and research Date: 8 9- Dec 2014.
- 2. A time to take up the reforms for quality of higher education in independence India: need for good vision and mission for build up of development. Journal Name: International Science Congress Association. (Seminar proceedings 18th Dec 2014)

15. Details of patents and income generated

➤ The department has no patents and no income is generated.

16. Areas of consultancy and income generated

> The department has no consultancy

17. Faculty recharging strategies

➤ The faculties of the department are attending refresher courses, orientation courses, national seminars, workshops to get updated. The college administration is also encouraging the staff in this regard.

S. No.	Name of the Faculty	Course	Date	Conducted by	Venue
1	K. Venkateswar aRao	Nation al Confer ence	24/11/20 11 - 25/11/20 11	Department of Physics	G.D.C.(A) Rajahmundry
		O.C	15/12/20 11 – 11/01/20 12	Academic Staff College.	J.N.T.U. Hyderabad
		R.C	25/03/20 13 – 18/04/20 13	Academic Staff College.	J.N.T.U. Hyderabad
		Works hop on ICT	28/10/20 13 – 29/10/20 13	P.R.G.D.C(A)	P.R.G.D.C (A), KAKINADA
		3Day training Progra m	25/08/20 14 – 27/08/20 14	G.D.C.(A)	G.D.C.(A) Rajahmundry
		3 day State level worksh op	06/10/20 15 to 08/10/20 15	IQAC & Department of Computer science	P.R.GC(A), Kakinada
		2 Day Nation al worksh op	26/02/20 16 & 27/02/20 16	Department of Chemistry	P.R.GC(A), Kakinada
		2 Day Nation al semina r	17/08/20 16 & 18/08/20 16	Department of Phisics and Chemistry	A.S.D.Govt. Degree college (W), Kakinada
		2 Day Nation al day	23/09/20 16 & 24/09/20 16	Department of Physics & Electronics	P.R.GC(A), Kakinada
		2 Day Nation al semina r	04/10/20 16 & 05/10/20 16	Department of Physics	Sir C.R.Reddy college (A), Eluru
2	U.V.B.B.Kris hna Prasad	2 Day Nation	23/09/20 16 &	Department of Physics &	P.R.GC(A), Kakinada

	al	24/09/20	Electronics	
	semina r	16	Diectromes	
	2 Day Nation al semina r	17/08/20 16 & 18/08/20 16	Department of Phisics and Chemistry	A.S.D.Govt. Degree college (W), Kakinada
	2 Day Nation al worksh op	26/02/20 16 & 27/02/20 16	Department of Chemistry	P.R.GC(A), Kakinada
	Faculty develo pment progra m cum Works hop	20/11/20 15	Department of Physics	G.D.C.(A) Rajahmundry
	3 day State level worksh op	06/10/20 15 to 08/10/20 15	IQAC & Department of Computer science	P.R.GC(A), Kakinada
	2 Day Nation al semina	31/08/20 15 & 01/02/20 15	Department of Physics	V.K.V.Govt. Degree college college, Kothapeta
	1 Day Nation al semina r	18/12/20 14	IQAC	A.S.D.Govt. Degree college (W), Kakinada
	1 Day Nation al semina r	11/12/20 14	Department of Physics	D.N.R.Colleg e (A), Bhimavaram
	Internat ional worksh op	16/11/20 14	Academic cell	G.D.C.(A) Rajahmundry
	R.C	09/05/20 14 – 29/05/20 14	Academic Staff College.	A.U. Vishakhapatn am

3	K. Jaya Dev	R.C	27/05/20 14 – 11/06/20 14	G.D.C.(A)	G.D.C.(A) Rajahmundry
	K. Jaya Dev	Works hop on ICT	28/10/20 13 – 29/10/20 13	P.R.G.D.C(A)	P.R.G.D.C (A), KAKINADA
	K. Jaya Dev	Nation al Semina r	31/08/20 15 – 01/09/20 15	Department of Physics	G.D.C. Kothapeta,
	K. Jaya Dev	Nation al Semina r	15/11/20 13 – 16/11/20 13	Department of Commerce	G.D.C. Kothapeta,
	K. Jaya Dev	State level Semina r	28/02/20 14	Department of Physics	G.D.C.(A) Rajahmundry
	K. Jaya Dev	Works hop on IQAC	20/12/20 14	IQAC Cell	S.K.B.R. College, Amalapuram
	K. Jaya Dev	State level Semina r	13/12/20 14	GCGTA, A.P	Sri Venkateswara University , Tirupathi
4	A. Simhadri	2 Day Nation al semina r	23/09/20 16 & 24/09/20 16	Department of Physics & Electronics	P.R.GC(A), Kakinada
		2 Day Nation al semina r	17/08/20 16 & 18/08/20 16	Department of Phisics and Chemistry	A.S.D.Govt. Degree college (W), Kakinada
		Heritag e Educati on progra m	19/08/20 16	INTACH	P.R.GC(A), Kakinada
		2 Day Nation al worksh op	26/02/20 16 & 27/02/20 16	Department of Chemistry	P.R.GC(A), Kakinada

		Works hop on ICT	28/10/20 13 – 29/10/20 13	P.R.G.D.C(A)	P.R.G.D.C (A), KAKINADA
		3Day training Progra m	14/07/13 t0 16/07/13	G.D.C.(A)	G.D.C.(A) Rajahmundry
		R.C	17/5/201 3- 6/6/2013	Academic Staff College.	J.N.T.U. Hyderabad
		O.C	26/4/201 2- 23/5/201 2	Academic Staff College.	University of Hyderabad,H yderabad.
5	B.Srikanth	2 Day Nation al semina r	23/09/20 16 & 24/09/20 16	Department of Physics & Electronics	P.R.GC(A), Kakinada
		State level Semina r	28/02/20 14	Department of Physics	G.D.C.(A) Rajahmundry
		Nation al Confer ence	24/11/20 11 – 25/11/20 11	Department of Physics	G.D.C.(A) Rajahmundry

18. Student projects

Percentage of students who have done in-house projects including inter-departmental

- ➤ 50% of the final year students are allotted student projects in their 6th semester by taking 5 or 6 members as group. Financial assistance was given by the college administration to do the live projects. All the faculty members guide the students to do the projects. These projects exhibited in the national science day celebrations exhibition on 28th February every year.
- From this year on wards the project work is included in the curriculum in 6th semester.

Percentage of students doing projects in collaboration with industries / institutes

➤ The department has no collaboration with the industry or institutes.

19. Awards / recognitions received at the national and international level by

Faculty : Nil
Doctoral / post doctoral fellows : Nil
Students : Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

National Seminar was conducted on 23 & 24 september 2016.

Total No. of Participants : 65
 Total No. of Papers Presented : 57
 Total No. of Resource Persons : 05

21. Student profile course-wise:

Physics

Name of the course Refer question no. 2	Application s received	Selected		• •		centage
		Male	Femal	App/pa	TOT	
			e	SS	AL	
MPC(EM)	192	25	10	31/34	91.2	
MPC(TM)	83	47	22	47/56	83.9	
MPCs	227	16	18	27/32	84.4	
MECs	95	16	09	21/24	87.5	
MPE	46	24	08	07/28	25	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
MPC (TM)		100 %		
MPC (EM)		100 %		
MPCs		100 %		
MPElec		100 %		
MECs		100 %		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

> NIL

24. Student progression

Student Progression	Percentage Against Enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed →Campus Selection →Other than Campus Recruitment	14.7%
Entrepreneurs	Nil

25. Diversity of staff

From other universities within	100
a state	
From other universities from	
other states	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

➤ Dr. M.V.K. Meher was awardedPh.D. two years back by Andhra University, VisakhaPatnam . Now he was transferd.

27. Present details about infrastructural facilities

a) Library

➤ A departmental reading room was developed in the department during 2002 – 2003, with old physics text books, model papers, old question papers of A.U. and our own semester end examinations question papers, question banks prepared by our staff, bit bank prepared by our staff and some science magazines which is useful for the student's higher progression. This reading room is utilized by the students regularly in leisure time. This is very useful for their ready reference.

b) Internet facilities for staff and students

- The department has two computer systems with internet facility. This facility is availed by the faculty.
- The department has four N- computing systems. Each N-Computing system has 6 monitors and the total monitors are 24 in the simulation lab. All these systems are with internet facility. Students are availing this facility for their projects, to prepare the PPTs and to complete the net based assignments
- c) Total number of class rooms
- > The department has 10 class rooms with 120 seating capacity.
- d) Class rooms with ICT facility
- ➤ Particularly the department of Physics and Electronics has one class room with ICT facility called e-class room. This class room consists of computer system with internet facility, audio system and visualizer.
- ➤ In addition to this the department has a community computer (K-Yan). This is a portable one from class to class. This has Computer system and LCD Projector and other facility like smart board.
- e) Students' laboratories
- The department has 4 Physics laboratories. 1. Mechanics and waves & oscillations lab 2) Optics lab 3) Heat lab 4) Electricity and magnetism lab. All these four physics labs were developed as per

- our latest syllabus by utilizing UGC and state funds. These labs are with oldest equipment to the latest equipment. The labs consist of highly sophisticated spectrometers, optical benches and Hall probe experiments etc.
- An electronics laboratory was developed in the Room No. 25 in the year 2007. All the 3 years Electronics Practical's are being conducted in this lab. In the year 2009 "Solar power" was given to this lab with the help of NEDCAP. Now the lab is completely run by the solar power i.e non-conventional energy and its wattage is 1.2 KW.
- ➤ In the academic year 2010 2011 a simulation lab for Electronics students was also developed. This laboratory has 4 N-Computing systems i.e. 4x (1+5). This can accommodate 24 students at a time. Simulation practicals were introduced for 2nd B.Sc. Electronics and for 3rd B.Sc. Electronics students.
- ➤ In the year 2013 14 for the final year Physics labaratory1.25 KW solar power was given with an amount of Rs 2.74lacs using the UGC CPE funds
- f) Research laboratories

The department developed a Material Science research laboratory List of equipment available in research lab.

- ➤ Digital hydraulik pressing machine upto 5 tones
- ➤ B H hysterisislooptracerupto 30000C
- ➤ Muffle furnace up to 11500C
- ➤ Dielectric wave guide in X-ward region
- Resistivity four probe methode at room temperature.
- Aggatemortor

28. Number of students of the department getting financial assistance from College.

- All most all the S.C., S.T., B.C. and E.B.C. students are getting financial benefit from the social welfare department of the state government. For other categories of students the college administration provides financial support as poor boys fund and in the form of endowment prizes etc.
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
 - > NIL
- 30. Does the department obtain feedback from
 - a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - ➤ The department conducts monthly meetings and discusses the academic matters related toteaching learning and evaluation.

Suggestions are taken from the faculty to solve the problems and they are implemented.

- **b.** Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- Feed back on the performance of every teacher is taken in every academic year from the students of their classes. These feedback forms are analyzed on every parameter. The faculty are advised regarding their setbacks.
- ➤ The department analyze the teacher wise results short fall, if any, is observed the teacher him self/her self rectifies it or other wise the senior faculty will give suggestions or advises to correct the short fall.
- ➤ Our department placed a suggestion/ complaint box. The student can drop a letter in the box regarding their problem and it can be solved.
- c. alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10)

- ➤ K. Jayadev, Lecturer in P. R Govt. College (A), Kakinada
- ➤ B. Sudharshan Babu, Wipro Pune
- P. Koteswara Rao, Wipro
- V. Veerababu, NFCL Kakinada
- S. Manoj Kumar, TCS Bangalore
- P. Rambabu, Andhra Electronics, Kakinada
- V. Srilakshmi, Faculty in Physics Dept. JNTUK
- Sarveswararao, Lec. Govt. Jr College Tallarevu

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

➤ Regularly the department arranges at least two invited lectures per semester by eminent professors. The college also conducts work shops and national seminars to enrich the knowledge of the student community.

33. List the teaching methods adopted by the faculty for different programmes.

Project works to the final year students, remedial classes to academically back ward students and tutorials on advanced topics for advanced learners, problems solving are adopted. In addition to regular class room teaching methods the following innovative teaching methods are adopted.

- > Power point presentations
- ➤ MANA TV programmes
- Providing Question bank.

- Providing Study material
- > Students' Seminars
- > Group discussions
- > Teaching methods using OHP Sheets
- ➤ Teaching using e class room

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

➤ The department conducts reviews periodically on teaching and learning methods, their progress and other methods to be adopted to improve teaching and learning. Reviews are also conducted to analyze the results of the students and to improve them.

35. Highlight the participation of students and faculty in extension activities.

- ➤ Every year on 28th February National Science day is being conducted by involving the high school students in and around KAKINADA. The department conducts students, seminars, quiz programmes, student projects, poster presentations, paintings, power point presentations etc. on different topics. Our students also exhibit projects. This atmosphere inculcate research tendency in the young minds.
- ➤ Our faculties invite the deaf and dumb school students along with their teachers and explain and demonstrate different experiments to them to promote science in to the community.

36. Give details of "beyond syllabus scholarly activities" of the department.

- ➤ The faculty of the department encourages the students to prepare the PPTs, guide the students to do the students' projects and also encourage the student community to deliver students' seminars and also to participate in co curricular and extracurricular activities. Advanced learners are encouraged to learn advanced topics.
- ➤ The department is also giving additional coaching to advanced learners by adding additional inputs in the syllabus on non-credit basis so that they can qualify themselves in the competitive examinations and also in their higher progress.
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
 - > NA
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges

(SWOC) of the department

The department has the following 5 strengths

- ➤ The department has a unique practice. The teachers are also analyzed on the basis of their class room performance and their result performance.
- ➤ Upkaar scheme: The very purpose of this scheme to help the poor and financially needy students. This scheme was introduced in the year 2006 07 by the department of Physics and electronics only in this college. In this scheme all the teaching staff of the department contribute some amount monthly and some interested members are also contributing. This amount is disbursed to the needy students for their needs such as bus passes, examination fee etc. They are identified by their teacher counselors. This scheme is continuously run and monitored by Physics department.
- ➤ Simulation lab: The department developed a simulation lab to electronics students with N-Computing systems (1+5) of 4 units comprising of 24 systems. This was developed using UGC CPE grants in 2010 2011.
- ➤ Uninterrupted power supplies: All the Physics laboratories of the department are run by two uninterrupted power supplies (UPSs) of 10 KV + 10 KV. The UPSs are procured from the grants of UGC. This helps the student community to do practical's even the power fails.
- ➤ Feed back on curriculum: Every academic year in the month of March the department constitutes a committee to design the curriculum. The committee takes the feedback and suggestions from different groups i.e. from University nominee, Old students, Present students, Parents, Subject experts and Local Industries The committee will design the syllabus after considering the aims and objectives & the suggestions and feedback.

The department has the following 2 weaknesses

- > The department is lagging in research.
- ➤ The department has no collaborations either with industries or institutes.

39. Future plans of the department.

- ➤ To supply Wind power/Solar power to mechanics, Optics& heat labs.
- \triangleright To start M.Sc. Physics from 2017 18.
- > To establish a full-fledged Weather forecasting and rain gauge unit in-collaboration with Indian Meteorology Department

Evaluative Report Chemistry & Petrochemicals Department

1. Name of the Department & its year of establishment
Department of Chemistry, petrochemicals and PG courses 1952

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

micgrated Masters, integrated 11.D., etc.)					
Sl.No.	Course level	Course combination	Remarks		
1	UG	Mathematics, physics, chemistry Mathematics, Petrochemicals,	Telugu and English medium English medium		
		Chemistry Mathematics, Chemistry and Computers	English medium		
		Botany, Zoology, chemistry	English medium		
		Biotechnology, zoology, chemistry Microbiology, botany,	English medium		
		chemistry Food science,	English medium		
		biochemistry and chemistry	English medium		
2	Community college	Analytical techniques in pharmaceuticals	Inter disciplinary course		
3	Certificate course	Environmental audit.			
4	PG	M.Sc Organic chemistry M.Sc Analytical chemistry			

3. Interdisciplinary courses and departments involved

4. Annual/ semester/choice based credit system
Semester, CBCS

Analytical techniques in pharmaceuticals

5. Participation of the department in the courses offered by other departments

Commercial aqua culture offered by Zoology Department

6. Number of teaching posts sanctioned and filled (Professors/Associate

Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors / Lecturer	12	5(Regular),3(Contract),02(Guest)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. Etc.,)

Name	Qualification	Designation	Specializati on	Experie nce As lecturer	No. of Ph.D students guided
E.V.S.Sub rahmanya m	M.Sc., M.Phil., B.Ed	Lecturer	Physical chemistry	16years	-
Dr.M.M.P acha	M.Sc Mphil.Ph.D PGDES ,	Lecturer	Organic chemistry	16 years	Approved Guide for ANUR
T. Vara Prasad	M.Sc. M.Phil. M.Ed	Lecturer	Organic chemistry	11 years	
D.Rama Rao	M.Sc M.Phil	Lecturer	Organic chemistry	10years	
V. Mallikarju na Sarma	M.Sc., M.Phil., NET, SLET	Lecturer	Organic chemistry	06 years	
Dr.E.S.R. S.Sarma	M.Sc ,Ph.D.,	Contract faculty	Applied chemistry	16 years	
Dr. DSVNM Rama Murthy	M.Sc., Ph.D.,	Contract faculty	Organic chemistry	13 years	
K.BabuRa o	M.Sc, M.Phil.	Contract faculty	Organic Chemistry	12 years	

A.S.S Sireesha	M.Sc	Guest faculty	Analytical Chemistry	01 year	
K.G.V.V Lakshmi	M.Sc	Guest faculty	Bio Chemistry	01 year	
N. Suvarna Jyothi	M.Pharm	Guest faculty	Pharmacy	05 year	For community College
G. V.S Mahalaks hmi	M.Sc	Guest faculty	Organic Chemistry	02 years	For community College

8. Percentage of classes taken by temporary faculty – programme-wise information

B.Sc 30% M.Sc 40%

Advanced diploma 75%

9. Programme-wise Student Teacher Ratio

B.Sc 1: 50 ATP 1: 15

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sanctioned: 5 filled: 4 Temporary: 02

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Number of faculty 3

S1. NO.	Name	Agency	Amount
1	D.Rama rao	BRNS	38.6 Lakhs
2	Dr.M.M.Pacha	UGC-minor	4.20 lakhs
3	V.Mallikarjuna sarma	UGC -minor	1.00 lakhs

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.;

- Total grants received Rs.38 Lakhs
- ➤ "Water quality and Hydrology at surface and ground of nuclear power plant site Kovvada, Srikakulam Dist. A.P."

Principal Investigator: D.RamaRao

Title of the project-2

- ❖ Assessment of heavy metals pollution in ground water, surface water and soil of selected landfill sites of Kakinada city".
- Funding agency: UGC-SERO
- ❖ Sanctioned amount: Rs.4,20,000.
- Principal investigator: Dr. M.M. Pacha

13. Research facility / centre with

The department has research laboratory with sophisticated equipment which is to be recognized.

14. Publications:

* number of papers published in peer reviewed journals (national / international):

List of publications by the Faculty:

S.No	Name of the faculty	No. of Publicatio ns	National	Internationa 1
1	Dr.M.M.Pacha	10	05	05
2	Dr.P.V.S.Machiraju	12	05	07
3	E.V.S.Subrahmanyam	03	01	02
4	D.Ramarao	08	02	06
5	V.Mallikarjuna sarma	03	01	02
6	B.Bhadru	01	-	01
7	Dr.E.S.R.S.Sarma	05	01	04
8	Dr.D.S.V.N.M.	01	-	01
	Ramamurty			
9	T.Varaprasad	03	03	-

* Chapter(s) in Books:

E.V.S.Subrahmanyam contributed for Andhra Pradesh intermediate board textbooks.

1. Atomic structure 2. Chemical kinetics 3. Electrochemistry

15. Details of patents and income generated: NIL

16. Areas of consultancy and income generated:

- > Dr.M.M.Pacha is the consultant for EGREE foundation.
- ➤ Income generated Rs.45,000/- credited to CPDC

- ➤ Dr.Pacha is the Member of BOS for P.G chemistry of ANUR University
- ➤ E.V.S.Subrahmanyam is the member of BOS for UG chemistry of ANUR University
- E.V.S.Subrahmanyam is the University representative for BOS of V.S.M. College, Ramachandrapuram, Ideal college, Kakinada, ASD Women's college, Kakinada.
- ➤ Kakinada Municipal Corporation consults the department about the amount of available chlorine in bleaching powder.

17. Faculty recharging strategies:

Staff members are deputed to attend refresher and orientation courses conducted by the state universities and Central universities and JNTU.

- > Conducting seminars in subject areas.
- ➤ Conduct of workshop on technology utilization.
- ➤ Drafting for Refresher courses and Orientation courses
- > Peer teaching.

18. Student projects

- > percentage of students who have done in-house projects including inter-departmental: 30%
- > percentage of students doing projects in collaboration with industries / institutes: 11 students of ATP course.

19. Awards / recognitions received at the national and international level by

Faculty:

Dr.M.M.Pacha received AP State best teacher award in Sep-2014

- 20. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.
 - ➤ National workshop innovative techniques in chemistry teaching in August 2011.
 - National seminar on spectroscopic techniques on 25th and 26th Feb 2011
 - ➤ National seminar on properties of interdisciplinary research in basic sciences on 30th and 31st may 2013.
 - ➤ National workshop on radio chemistry and application of radio isotopes in Feb- 2016.
 - ➤ International conference on Emerging Trends in Chemical Pharmaceutical, Environmental Sciences & Technology on 24th & 25th Jan 2017

21. Student profile course-wise:

Chemistry

O II O II I I I						
Name of the Course	Applicatio ns	Selected		Pass percentage		
(refer question no.2)	received	Male	Female	Male	Female	
B.Sc 2013-16	515	140	70	76	63	
M.Sc 2014-16	17	11	06	100	100	

22. Diversity of Students

Name of the	% of	% of	% of	% of
Course	students	students	students	students
(refer question	from the	from the	from other	from other
no. 2)	college	state	States	countries
B.Sc	NA	100%	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NET Exam:

Jaya ram
 P.Siva gangadhar
 M.Ramana
 HT NO
 :15028701
 :170211977
 :122190

24. Student progression

Student Progression	Percentage Against Enrolled
UG to PG	25%
PG to M.Phil.	5%
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil

Employed →Campus Selection →Other than Campus Recruitment	20%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty is graduates of the same parent university: 100%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

S.No.	Name of the faculty	Year & University
1	Dr.P.V.S.Machi Raju	2012- ANU, Guntur
2	Dr.M.M.Pacha	2014-GITAM, Visakhapatnam
3	Dr. E.S.R.S.Sarma	2016-AU, Visakhapatnam
4	Dr.D.S.V.N.M. Ramamurty	2016–GITAM, Visakhapatnam

27. Present details about infrastructural facilities

- a) **Library** :4,500
- b) **Internet facilities for staff and students**: Provided to all staff and students
- c) Total number of class rooms : 14 d) Class rooms with ICT facility : 06 e) Students' laboratories : 08 f) Research laboratories : 03
- 28. Number of students of the department getting financial assistance from College.

About 60% get government assistance.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

A new course under community college scheme was launched in the month of Aug.2015 with the approval of the UGC. There has been a thorough survey about the job prospects in pharmaceuticals and petroleum sector. It was observed that most of the students from the college with chemistry background were getting absorbed in pharmaceutical units at Nakkapalli, Visakhapatnam and Hyderabad. The Unit in charges was contacted about the training to be imparted to the students. Accordingly, the curriculum was developed taking into account the Qualification packs, NOS etc. A letter of intent was obtained from Pharmaceutical labs and other industrial units.

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes how does the department utilize it?

YES, During the BOS meetings students gave their feedback on teaching learning and evaluation. Good suggestions are taken into consideration.

b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?

Yes. Department of computer Science takes on line feedback.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Alumni and employers give their opinion on the programmes.

31. List the distinguished alumni of the department (maximum 10)

- 1. Dr.M.M.Pallam raju, former MP
- 2. Dr.M.M.Pacha, State Best teacher, 2014
- 3. Dr. A.Nageswara rao, Retd. Prof. Andhra University
- 4. Dr.P.V.Subba rao, Retd.Prof. Andhra University
- 5. Sri V.Srininivasa rao, associate professor, PRGC
- 6. Dr. YVSS Murthy, Industrialist.
- 7. Prof. V. Ravindra, Registrar, JNTU-K

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- 1. An invited talk by Dr. A.Sesha Sai Nadh, Sr. Scientist, IICT, Hyderabad on advances in polymer science (10-12-2015)
- 2. Sri T.Prasada Rao, Environment engineer, APPCB
- 3. Dr. Jagan Mohan Reddy, HOD, ANUR, Rajahmundry
- 4. Dr. K.Deepthi, ANUR, Rajahmundry
- 5. Prof. G.Nageswara Rao, Andhra university
- 6. Prof. P.V.Krishna Rao, Andhra university
- 7. Prof. T.Siva rao, Andhra University
- 8. Dr. N.V.V.S.S. Raman, Hetero Drugs, Hyderabad
- 9. Sri, Anand Deshmukh, Dr. Reddy's Laboratories
- 10. Dr. N. Krishna prakasam, Facility manager, SAR Chandra Environ solutions, Kakinada.
- 11. Dr.YLN Murthy, prof. Andhra University
- 12. Dr.N.S. Kameswararao, Principal scientist, GVK Bio, Uppal unit.(18-02-2010)
- 13. Prof. M.N.S.Rao, I.I.T. MADRAS
- 14. Prof. L.K. Ravindranath, S.K.U.

- 15. Prof. K.Sudhakara babu, S.K.U.
- 16. Dr. M.R.L.Prasad, Vikram Sarabhai space research station, Srihari kota
- 17. Y.R.Satyaji Rao, N.I.H. Kakinada
- 18. Dr. Balaram, Environmental engineer, Hyderabad
- 19. Dr.L.Giri babu,IICT,HYD
- 20. Dr. Venu gopal, GITAM, VSP.
- 21. DR.A.V.R.Reddy, HOD, QC, BARK, Mumbai.
- 22. Dr.Ravindra babu, APPCB, KKD
- 23. Prof. V. Veerayya, VC, Sihapuri university, Nellore.
- 24. Dr.C.V.C.N.S.Prasad,NRI Scienst,USA.
- 25. Prof.P.V.Subbarao.AU, VSP.
- 26. DR.K.V.Radha kishan, Vignan University, Guntur.

33. List the teaching methods adopted by the faculty for different programmes.

- ➤ ATP- Industrial visits and hands on training in research laboratories.
- ➤ BSC- Project based learning, group discussion, class seminars, ICT utilization, Quiz.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- > Teacher counselors monitor the learning outcomes.
- > Continuous assessment for both theory & practical.

35. Highlight the participation of students and faculty in extension activities.

- > Students actively involved in open day exhibitions on science day.
- ➤ Blood donation camp
- > Health awareness programs
- > MANA TV programs.

36. Give details of "beyond syllabus scholarly activities" of the department.

- ➤ Resource persons for activities conducted by the college and other colleges.
- ➤ Mana TV programs
- ➤ Involvement in preparation of reading material for open school students
- ➤ Major and minor projects execution
- ➤ Contribution for MANA TV programs
- > Attending Indian Science Congress, every year
- Members of Association of Chemistry teachers, Mumbai.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

➤ ATP course is recognized by Hetero drugs, Hyderabad

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department strength

Strengths

- ➤ Highly employable courses
- > Employment oriented instruction in all programmes
- > Campus interviews
- ➤ Industry collaboration
- ➤ Training in Fortune laboratories in HPLC, UV/ Visible spectrophotometer, tablet hardness, TLC etc.
- Established research laboratory
- Excution of minor and major research projects by faculty.
- Well equipped laboratories
- Oppurtunities :

Scope for B.Voc course in Petrochemicals

Weakness:

Scarcity accommodation for Petrochemical laboratory Old dilapidated building for PG courses

Challenges:

To train the students to meet the industry needs and satisfaction.

39. Future plans of the department.

- ➤ A fully fledged recognized research laboratory
- > Separate building for PG courses and Community College
- ➤ More number of MRPs
- ➤ More linkages with industry and involvement of industry in curriculum design in a big way
- ➤ Apprentice training immediately after completion of degree in industries.

Evaluative Report Department of Botany & Microbiology

- 1. Name of the Department & its year of establishment : Department of Botany, 1905
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate Programmes in Botany and Microbiology

S.No.	Programme	Medium	Sanctioned strength
1	B.Sc. (Botany, Zoology & Chemistry)	Telugu	60
2	B.Sc. (Botany, Zoology & Chemistry)	English	30
3	B.Sc. (Microbiology, Botany & Chemistry)	English	30

3. Interdisciplinary courses and departments involved:

No, not offering interdisciplinary courses

4. Annual/ semester/choice based credit system:

Semester – CBCS pattern

5. Participation of the department in the courses offered by other departments:

Offering B.Z.C. with Zoology and Chemistry departments; M.B.C. with Dept. of Chemistry.

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Faculty cadre	Sanctioned	Filled
Professors	NIL	-
Associate Professors	NIL	-
Asst. Professors	07	01 (Regular) 03 (Contract)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualificatio n	Designation	Specializatio n	No. of Yrs of experie nce
Dr. A. SrinivasaRao	M.Sc., Ph.D	Lecturer	Marine Botany	15
Ch. Kalyan Kumar	M.Sc.,	Contract Faculty	-	7
B. Raja Rajeswari	M.Sc.,	Contract Faculty	-	7
P.Suneetha	M.Sc.,	Contract Faculty	Microbiolog y	8
Y.Anitha	M.Sc.,	Guest Faculty	Microbiolog y	8

8. Percentage of classes taken by temporary faculty –programme-wise information:

Botany : 64/84 classes per week - 76% Microbiology : 24/24 classes per week - 100%

9. Programme-wise Student Teacher Ratio

Botany - 1:40 Microbiology - 1:45

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

S.No.	Support/administrative staff	No. of posts sanctioned	No. of posts filled
1	Record Assistant	03	03
2	Herbarium keeper	01	01
3	Office sub-ordinate	01	NIL
4	Gardener	03	NIL

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

S.No.		Total Grant received (Rs.)
1	D.S.T. Govt. of India, National (Disha/SoRF-PM/057/2013/G)	17.49 Lakhs
2	APMAP-NMMP grant, National	4.0 Lakhs

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

NIL-

13. Research facility / centre with

- State recognition
- National recognition Recognized by DST, GoI.,
- o International recognition

14. Publications:

- 1. **SrinivasaRao** (2012) A report on seaweeds from saline habitats of Kakinada, the East coast of India. *Indian Hydrobiology 14:* 165-168 (National).
- 2. Ch. Usha Rani, Priyanka and A. SrinivasaRao (2016) Antifungal properties exhibited by bacteria isolated from agriculturally cultivable soils and their antagonistic nature towards fungal pathogens suppression. Agric. Sci. Digest 36:17-23 (National).
- 3. SubbaRao. P.V., C.Periyasamy, K.Rama Rao and **A.SrinivasaRao** (2016) Seaweeds for Human Welfare. *Seaweed Res.Utiln.* 38: 1-12 (*International*)
- 4. Periyasamy, C., P.V.SubbaRao, K.T.Selvavinayagam and **A.SrinivasaRao** (2016)Pilot scale field cultivation of Kappaphycusalverezii (Doty) Doty at two different locations in Bay of Bengal waters of Andhra Pradesh,East coast of India. Seaweed Res. Utiln. 38:83-92(International)
- * Monographs

NIL

* Chapter(s) in Books

NIL

* Editing Books

NIL

- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)

01(Google Scholar)

* Citation Index – range / average

9/10

- * SNIP
- * SJR

- * Impact factor range / average 1.2
- * h-index

15. Details of patents and income generated :NIL

16. Areas of consultancy and income generated

- ➤ Informal consultancy for taxonomic identification of plants brought by students pursuing B.Tech& M.Tech; B.Pharma & M. Pharma and other people from Kakinada area; no revenue generated.
- ▶ Dr. A. SrinivasaRao is a consultant for salt pan sector of UNDP-EGREE Foundation – Rs.45,000/- credited to CPDC account of the college.

17. Faculty recharging strategies:

- ➤ Dr.A.SrinivasaRao participated an 3- day induction training program conducted by Commissionerate of Collegiate Education, Govt. of A.P. at Government College (A), Rajahmundry from 03-11-2011 to 05-11-2011.
- Dr. A. SrinivasaRao attended Orientation course at JNTU-H, Hyderabad
- > from 17-09-2012 to 16-10-2012.
- ➤ Dr. A. SrinivasaRaoattended a National Seminar on "Recent Advances inResearch on Marine Environment" at G.V.P. Degree College (Autonomous), Visakhapatnam from 10-03-2012 to 11-03-2012 and presented a research article.
- ➤ Dr. A. SrinivasaRaoparticipated in a workshop on "Taxonomy of Freshwater Algae" organized by Krishmurthy Institute of Algology, Chennai at CAS in Botany, University of Madras, Chennai from 07-05-2012 to 12-05-2012.
- ➤ Dr.A.SrinivasaRao attended a Symposium on "Biodiversity Conservation of Godavari Estuarine Ecosystem" at M.S.N.Naicker Degree College, Kakinada on 22-01-2013 and presented a research article.
- ➤ Dr. A. SrinivasaRao attended a 3-Day workshop organized by Mana TV cell, Commissionerate of Collegiate Education, Govt. of A.P. at Mana TV studio, Hyderabad from 25-06-2012 to 27-06-2012.
- ➤ Dr. A. SrinivasaRao participated in a National Seminar on "Biodiversity and Conservation of Medicinal Plants" at Govt.Degree College (Men), Srikakulam and presented a research article.
- ➤ Dr.A.SrinivasaRao participated in a training program on "ICT applications and e-Governance" at National Inst. of Rural Development, Hyderabad from 16-09-2013 to 20-09-2013.
- ➤ Dr.A.SrinivasaRao participated in a workshop on "ICT-Teaching-Learning in Higher Education" at P.R.G.C.(A), Kakinada from 28-10-2013 to 29-10-2013.
- ➤ Dr.A.SrinivasaRaoparticipated in National Conference on "Frontiers

- in Algology and Algal Biotechnology" (NCFAAB) at Visva-Bharati (A Central University), Santiniketan, W.B. from 15-11-2013 to 17-11-2013 and presented a research article.
- ➤ Dr. A.SrinivasaRao participated in Winter School/Refresher Course on "Strategies for Research Oriented Teaching" at J.N.T.U.-H., Hyderabad from 20-01-2014 to 08-02-2014.
- ➤ Dr.A.SrinivasaRao participated in a workshop on "Introduction of CBCS Preparation of Basic Format for existing Autonomous Colleges" during 15-04-2014 to 17-04-2014.
- ➤ Dr.A.SrinivasaRao participated in a National workshop on "Knowledge and Openess in the Digital era" at Andhra Loyola College (Autonomous), Vijayawada from 24-06-2014 to 25-06-2014.
- ➤ Dr.A.SrinivasaRao participated in a National Seminar on "Recent Trends in Phytochemical and Plant Biology Research" at P.B.Siddartha Degree College of Arts and Science, Vijayawada from 12-09-2014 to 13-09-2014 and presented a research article.
- ➤ Dr.A.SrinivasaRao participated in an International workshop on "Stress and Resilience techniques" at Government College (A), Rajahmundry on 16-11-2014.
- ➤ Dr.A.SrinivasaRao participated in a Science Academies'Lecture Workshop on "Recent advances in conservation of Biodiversity and Evolutionary Biology" at Govt.Degree College (Women), Srikalahasthi from 24-11-2014 to 25-11-2014.
- ➤ Dr.A.SrinivasaRao participated in an International Conference on "Marine, Agriculture and Pharma-Biotechnologies" at JNTU-K, Kakinada and presented a research article.
- ➤ Dr.A.SrinivasaRao participated in a "5-Day training and demonstration in Seaweed farming" organized by NFDB, Govt. of India and CAS in Marine Biology, Annamalai University at Parangipettai, T.N., from 09-02-2015 to 13-02-2015.
- ➤ Dr.A.SrinivasaRao participated in a State level workshop on "Technology enabled Teaching-Learning in Higher Education Institutions" organized by PRGC(A), Kakinada from 06-10-2015 to 08-10-2015.
- ➤ Dr.A.SrinivasaRao participated in a 3-Day "National Research meet" organized by UNDP-EGREE Foundation, Kakinada at Visakhapatnam from 05-11-2015 to 07-11-2015 and presented a research article.
- ➤ Dr.A.SrinivasaRao participated in a National Workshop on "Instrumentation and Hands on Training in Advanced Biological Techniques" from 07-12-2015 to 08-12-2015.
- ➤ Dr.A.SrinivasaRao participated in a State level Workshop on "The required benchmarks for quality sustenance and quality enhancement" at Ideal College of Arts and sciences, Kakinada on

23-11-2016.

- ➤ Dr.A.SrinivasaRao participated in a State level Brainstorming programme on "Biological Diversity Act-2002; A.P. Biological Diversity Rules-2009 and ABS mechanism" organized by A.P.State Biodiversity Board, dt.04-03-2016.
- ➤ Dr.A.SrinivasaRao participated in an International Conference on "Advances in Algal Biotechnology" at V.I.T. University, Vellore, T.N., from 10th to 12th August,2016 and delivered an invited talk on "Seaweed tissue culture a global scenario".
- ➤ Dr.A.SrinivasaRao participated in INTACH's Heritage Education Programme at PRGC(A), Kakinada on 19-08-2016.
- ➤ Dr.A.SrinvasaRao acted as a resource person an delivered a talk on "Importance of medicinal plants, their cultivation and marketing" during an awareness programme to the members of Biodiversity management committees organized by A.P.State Biodiversity Board on 05-10-2016 at Dr.AlluRamalingaiah Government Homeopathic Medical College, Rajahmundry.

18. Student projects

- Flowering trees of PRGC(A), Kakinada campus
- ➤ Dicot weeds in PRGC(A), Kakinada campus
- ➤ Monocot weed flora in PRGC(A), Kakinada campus
- Cultivated plants in PRGC(A), Kakinada campus
- ➤ Medicinal herbs in PRGC(A), Kakinada campus
- Algae in Pindalacheruvu at Kakinada
- ➤ Algae associated with Mangroves at Coringa sanctuary
- > Weeds in rice fields at Tallarevu
- Some solar tracking plants in PRGC(A), Kakinada campus
- ➤ Plant products in kitchen to alleviate common ailments of humans
- ➤ Algae from a temple tank at Samalkota
- ➤ Algae from a temple tank at Pithapuram

19. Awards / recognitions received at the national and international level by

- > Faculty
- Doctoral / post doctoral fellows

NIL

> Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national,international) with details of outstanding participants, if any.

S.No.	Activity conducted	Source of funding
1	2-Day National Conference on "Recent Trends in Plant	

	Sciences" 18 th to 19 th November, 2011	
2	2- Day National Workshop on "Medicinal Botany" from 23 rd to 24 th February, 2012	U.G.C. (SERO), Hyderabad
3	2-Day State level Seminar on "Mangrove Ecosystems of Andhra Pradesh" (MEAP-2015) from 8 th to 9 th January, 2015	UNDP – EGREE Foundation
4	3- Day National Symposium on "Algae For Human Welfare" (AFHW-2015) from 19 th to 21 st August, 2015	DST-GoI, New Delhi GSPC, Gujarat St. Govt. UNDP- EGREE Foundation NABARD, A.P. Reg. Off.

21. Student profile course-wise:

Botany

Name of the	Applicat	Selected		Pass
course (refer question no.2)	ions received	Male	Female	percentage
B.Sc., B.Z.C. (TM)	120	20	34	98.9
B.Sc., B.Z.C. (EM)	90	10	26	98.9
B.Sc., M.B.C. (EM)	40	10	16	93.6

22. Diversity of Students:

Name of the Course (refer question no. 2)	% of student s from the college	% of students from the state	% of students from other States	% of students from other countrie
B.Sc., B.Z.C. (TM)	_	100%	-	-
B.Sc., B.Z.C. (EM)	-	100%	-	-
B.Sc., M.B.C. (EM)	-	100%	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

UG to PG	21/1800 (0.017)
PG to Ph.D	NA
Ph.D. to Post-Doctoral	NA
Employed	30%
Campus selection	List enclosed
Other than campus	
recruitment	
Entrepreneurs	Data not available

25. Diversity of staff:

- ➤ Percentage of faculty who are graduates of the same parent University: NIL
- From other Universities within the state: All the 05 faculty members are Post-graduates from Andhra University, Visakhapatnam
- > From other Universities from Other states : NIL
- 26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.
- 27. Present details about infrastructural facilities

➤ Library : 242 books are available

➤ Internet facilities for staff and students :

Available in staff room and instrumentation room

Total number of class rooms : 06
 Class rooms with ICT facility : 06
 Students' laboratories : 03
 Research laboratories : 01

28. Number of students of the department getting financial assistance from College:

The college gives financial aid in the form of 'Poor Boys Fund" to students not getting any other scholarship /from any kind of source based on recommendation of Teacher counselors and merit.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology:

- ➤ In and around Kadiyapulanka of East Godavari District there are about 1600 horticulture nurseries are there. Those nurseries are want of skilled persons. The this sector found to have a potential to provide employment. Hence, based on a baseline data the college proposed B.Voc. (Horticulture) under KAUSHAL scheme.
- ➤ Agriculture sector is a backbone forKakinada area. Hence, department taken a survey and is planning to impart skills to students on Biopesticides and Biofertilizers by way of certificate/diploma courses.

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes,feedback is obtained through discussions and consultations before and during BOS meetings. The inputs are considered in framing curriculum

b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?

Necessary changes are made in syllabus design and class room pedagogy. As per the requirement of the students the department has started material production.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Their views are positively considered

31. List the distinguished alumni of the department (maximum 10)

- Prof. Rolla S.Rao, Former Director, BSI, Kolkata
- > Prof. J. Venkateswarulu, Former Head Dept. of Botany, A.U-VSP
- > Prof. H.Maheswari Devi, Former Head Dept. of Botany, A.U-VSP
- ➤ Prof. Y.S.R.K. Sarma, Former Head Dept. of Botany, BHU, Varanasi
- ➤ Prof. E.R.S Talpasai, Former Head Dept. of Botany, BHU, Varanasi
- Prof. V. Venkateswarulu, Former Head Dept. of Botany, O.U, Hyd
- ➤ Prof. Bhairava Murthy, Former Head Dept. of Botany, Satyasai Institute of Higher learning, Anantapur
- > Prof. Piratla N.Rao, Former Head Dept. of Botany, ANU, Guntur
- Prof. Panuganti N.Rao, Former Professor of Botany, A.U-VSP
- > Prof. Vatsvayi S.Raju, Former Professor of Botany, K.U- Warangal
- > Prof. V.Seshavataram, Former Head Dept. of Botany, A.U-VSP
- ➤ Sri A.R.K.Sastry, Former Joint Director, BSI, Kolkata

- ➤ Dr.Andra S.Murthy, Former Dy.Director NBRI, Lucknow
- **32.** Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
 - An invited talk by Prof. H.Maheswari Devi on 17-12-2012.
 - An invited talk by Sri. A.R.K.Sastry on 16-03-2013
 - ➤ An invited talk by Prof. T.Pullaiah on 25-02-2014
 - An invited talk by Dr. P.V.Subbarao on 07-03-2014
 - One Day hands on training on Herbarium techniques by Prof. M.Venkaiah on 22-03-2014
 - ➤ An invited talk by Prof. T.A.Sarma on 20-09-2014
 - An invited talk by Dr. K.Aruna on 28-06-2016

33. List the teaching methods adopted by the faculty for different programmes

- ➤ Botanical field trips, Visits to research institutes
- ➤ Hands on trainings, exhibitions, ICT teaching learning

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

➤ Through the Students result, vertical mobility/ progression and also employability.

35. Highlight the participation of students and faculty in extension activities.

- > Students are participating in awareness programs organized by the Dept./ college in connection with microbial diseases.
- Faculty members visiting nearby High Schools/ Jr. Colleges and enlightening the students about interesting topics
- > Dr. A Srinivasa Rao is delivering live talks over MANA-T.V
- ➤ Students of botany participated in MANA-T.V live program "Students as Teacher" in the year 2016.

36. Give details of "beyond syllabus scholarly activities" of the department.

➤ Department is maintaining a blog prgcbotany to provide edge-over knowledge in the subject.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

➣ Not Applicable

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths: Ours is the oldest Department in the college/ in South

India. Alumni members are taking active role and

motivating the present generation students.

Higher end equipment for research is available. Presently hosting a women scientist project sanctioned

by DST-GoI.

Weaknesses: The Department has 07 sanctioned posts- 01 regular and

03 faculty members are working in the department.

Opportunities: The Department has an opportunity to offer Skill based

new courses- Horticulture, Seed Technology

Challenges: As most of our students are first generation learners and

they are from disadvantaged sections of the society. Their motivational levels are very low. They pursue their college studies with much difficulty and they work as part time employees after college hours. So it affects

the quality of their learning

39. Future plans of the department.

- ➤ To introduce restructured program- Botany, Horticulture and Chemistry
- To guide M.Phil.,/ Ph.D., programs
- > Tapping funds from different research bodies.

Evaluative Report Zoology Department

- 1. Name of the department its year of establishment ZOOLOGY, 1930
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG: B.Sc., (Botany, Zoology, Chemistry)

UG: B.Sc.,(Biotechnology, Zoology, Chemistry)

UG: B.Sc., (Vocational) Commercial Aquaculture

PG: M.Sc., ZOOLOGY

3. Names of Interdisciplinary courses and the departments/units involved

UG: B.Sc., (Biotechnology, Zoology, Chemistry)

UG: B.Sc., (Vocational) Commercial Aquaculture

- 4. Annual/semester/choice based credit system
 - Semester Choice based Credit System
- 5. Participation of the department in the courses offered by other departments
 - ➤ Department completes the curriculum designated for the course in the stipulated hours for the semester end examinations.
 - ➤ Evaluation of the internal examinations, conduct of the various curricular and extracurricular events in the related subjects is taken care of the department.
 - ➤ Plays an anchoring role in the Commercial Aquaculture course.
 - ➤ Laboratory studies, filed visits and Guest lectures will be carried out by the department.
- 6. Number of Teaching posts:

01		
	sanctioned	Filled
Professors	NA	-
Associate Professors	NA	-
Asst. Professors	7 +1 (Commercial Aquaculture)	6+1

7. Faculty profile with name, qualification, designation, specialization: (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualificatio n	Designatio n	Specializati on	No. of Years of Experie nce	No. of Ph.D. Students guided for the last 4 years
Dr P Anil Kumar (On Deputation to CCE)	M.Sc., Ph.D., B.Ed., NET	Lecturer	Bio Technology	8 Years	-
Dr N Sreenivas	M.Sc., Ph.D. NET	Lecturer	Marine Biology/ Physiology	06 Years	-
B.Ahmed Ali Baba	M.Sc., M.Phil., B.Ed.,. NET	Lecturer	Bio Technology	06 Years	-
Dr B Elia	M.Sc., Ph.D.	Lecturer	Limnology	04 Years	-
P John Kiran	M.Sc., M.Phil., NET	Lecturer	Parasitology	04 Years	ON FDP, Departme nt of Zoology Andhra University
Dr.M. Naveen Babu	M.Sc., Ph.D. M.A., B.Ed.,	Lecturer (Substitute Teacher in Place of P John Kiran on FDP)	Marine Biology	01 year	
Sk. Madeena Saheb	M.Sc., M.Phil., (Ph.D)	Lecturer (Contract)	Aqua Culture (pursuing Ph.D., on feed Suppliement	13 Years	-
T VenkateswaraRao	M.Sc., M.Ed., (NET-EDN)	Lecturer (Contract)	Clinical Pathology	06	-
G N V Satish	M.Sc.,	Lecturer (Guest)	Bio Technology	03	-
Dr K Narasimha Murthy	M.Sc., Ph.D.	Asst. Professor (Contract)	Aqua Culture	03	-

8. Percentage of classes taken by temporary faculty - programme wise information faculty

 Two Contract lecturers one Guest Lecturer and One Asst. Professor on contract basis are taking the classes. The percentage is 15 % of the total classes

9. Programme wise Student -Teacher Ratio

B.Sc., B.ZC TM: 1: 30
 B.Sc., BZC EM 1:30
 B.Sc., Bio tech 1:25

o B.Sc., (VOC-CA) 1:30

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled

o Laboratory Assistant: 03 (1 Vacant)

o Museum Keeper : 01

Office Subordinate : 01 (Temporary)Sweeper : 01 (Temporary)

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Dr. Anil Kumar	Title: Investigation is Zooplankton studies in Coringa Estuary of Kakinada Bay. Cost: 77,000/- Duration: 2 years Date of Sanction: 2010	UGC -SERO
Dr B Elia	Title: Bathynellceanbidoversity of Subterrabnean waters of Andhra Pradesh with an emphasis on systematic, phylogeny and Biogeography Cost: 3.5 lakhs Duration: 2 years Date of Sanction	UGC-SERO

12. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

• Financial Assistance received from the UGC : 77,000/- +3,50,000/- = 4,27,000/-

13. Research facility /Centre with

State recognition
 Not Applicable

- National recognition
- o International Recognition

14. Publications:

 Number of papers published in peer reviewed journals (national /international): 04

- Monographs Published "Laboratory Manual for Bio Technology" written by Sri GNV Satish, Guest Faculty in BIO TECHNOLGY
- o Chapter in Books 02
- o Books Edited
- o Books with ISBN/ISSN numbers with details of publishers
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index
- o SNIP
- o SJR
- o Impact factor- range/average : 1.5
- o h-index

LIST OF PUBLICATIONS

- 1. First Asian record of the genus Paravulobathynella (Malacostraca: Bathynellacea) with description of new species from southeastern India, and Amendment of the Generic Diagnosis Journal of Crustacean Biology: 31(3),: 485-508,2011 Y RangaRedy, EliaBandari, VenkateswaraRaoTotakura
- A new species of the genus Tropodiaptomus (Copepoda, Diaptomidae, Diaptominae) from Nepal, Journal of Crustaceana 87 (4), 430-447, 2014
 DaraAmbedkar&BandariElia.
- 3. Conservation of Lake Kolleru: Status Report, N Sreenivas& P Anil
 - International Journal of Advanced Research in Science and Technology, Vol.2, Issue 3, 138-141.2013
- 4. Trace metals in zooplankton of Coringa , Mangrove Ecosystem, Kaindada area, Sreenivas N & Anil Kumar P, International Journal of Advanced Research in Science and Technology, Vol.2, Issue 3, 148-151.2013
- 5. Zooplankton chatracteristics in the Coringa wild life sanctuary of KakinadaBay, N Sreenivas, P Anil Kumar, ChTulasi, International Journal of Advanced Research in Science and Technology, Vol.4, Issue 3, 2015.
- 6. Co Authors in the Intermediate ZOOLOGY Government Text Book for I & II Years Both English and Telugu media P Anil Kumar & N Sreenivas, Published by the Telugu Academy, Hyderabad.

15. Details of patents and income generated:

o Not Applicable-

16. Areas of consultancy and income generated

o Not Applicable-

17. Faculty recharging strategies:

- Faculty allowed to attend the Refreshers courses and Orientation Programmes.
- o Allowed to participate in the seminars and symposia
- Each faculty member is assigned as the in charge of a particular wing to look after the activities of that particular wing.
- Monthly departmental meetings will discuss the issues related to the faculty development.

18. Student projects

• Percentage of students who have done in-house projects including inter departmental/programme.

Name of the faculty	Name of the project	Amount Rs.	No. of Students
Dr. T.Satyanarayana	Hatchery Management – a case study	1,000/-	13 No.
Sri. P.V.KesavaRaju	Practice of Aqua culture systems in and around kakinada.	2,000/-	10 No
Sri. P.Anil Kumar & Smt. M.Vasantha Lakshmi.	Faunal enumeration of P.R.G.C	1,500/-	10 No.
Dr N Sreenivas 2014-15	A Case study of HUD HUD cyclone	Self Financed	03
Dr N Sreenivas 2014-15	A Case Study of Fiber boat preparation in Kaindada	Self Financed	02
Dr N Sreenivas 2014-15	A Mini report on the BIO-Andhra International Conference	Self Financed	All II Bio- Tech Students
Dr B Elia 2015-16	A Taxonomic Study of Butterfiles in and around Kakinada	Self Financed	01
Dr N Sreenivas 2015-16	Study on the Fish Markets in Kakinda	Self Financed	II BZC EM, GROUP -1
Dr. N Sreenivas 2015-16	Study on the Fishermen Community of Chollangi	Self Financed	II B ZC EM Group-2

 Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

19. Awards/ Recognitions received at the national level and international level by :

- o Faculty:
- o Dr T Satayanaryana received state level Best Teacher Award.
- o Dr. P Anil Kumar received State Level Best Teacher Award Constituted by the CCE, AP, Hyderabad.
- o Doctoral/Post doctoral fellows
- o Students

20. Seminars/ Conferences/Workshops organized & the source of funding with details of outstanding participants

Organised a State level seminar on the Mangroves of Andhra Pradesh, in the Month of January, 2015.

Eminent Participants:

- > Prof. KondalaRao, Andhra University.
- > Dr M. Ramasubramanian, MSSR Foundation.
- > Dr Ravi Sankhar, UNDP Project
- > DrTulsiRao, EGREE, Foundation
- > Dr.RamaChandran IIIT, Hyderabad.
- ➤ Faculty along with students from the nearby colleges participated in the seminar.

21. Student profile programme/course wise:

Zoology

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.Sc., BZC TM	120	54	20 34	98.9
B.Sc., BZC EM	90	36	10 26	98.9
B.Sc., Bio Tech	90	26	10 16	100
B.Sc., Voc- CA	90	26	15 11	86.8
M.Sc., Zoology (Allotment is done by the Affiliating University on the basis of the Rank in the Entrance Test)		04		

^{*}M=Male F=Female

22. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc., BZC TM	100		
B.Sc., BZC EM	100		
B.Sc., Bio Tech	100		
B.Sc., Voc- CA	90	10	
COMMERCIAL		This Institute in the only	
AQUA		One Government	
CULTURE		Institute having this	
		Vocational course.	
		Some of the students	
		are from the Telangana	
		state	

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Some of the students appear for the competitive examinations and procures the employment.

	ocures the employi		D
S.No	Name of the	Batch/	Present status
	student	Group	
1	T.LaxmanTeja	2004-07/	Scientist, C-DAC, Pune
	1.Euxmun1eju	Biotech	Scientist, C Di ie, i une
	D.M D		T' -1.1 M
2	P.NagaRaju	2005-08	Field Manager, Vibha Agro
			Biotech, Hyderabad
3	Y.SriTeja	2005-08/	Mangement Trainee,
	.j	Biotech	Jalandhar, Punjab
4	T.Aswini	2005-08/	Clerk/Andhra Bank,Tanuku
*	1.ASWIIII		Cierk/Aliulia Balik, Falluku
_		Biotech	
5	A.JyosnaLatha	2005-08/	Infosys/BPO
		Biotech	
6	Naveen Prem	2005-08/	Marketing
		Biotech	Executive/Pharma/Hyderabad
7	M.RamaRao	2005-08 /	Hetero Pharma/Huyderabad
		Biotech	
8	Malliswari	2006-09 /	Scientific Pub service/Chennai
o o	waniswan		Scientific 1 do service/ Chemia
0	I/ D		Cairantifia Dala anni an (Channai
_ 9	K.Kamya		Scientific Pub service/Chennai
10	A.SriDivya	2006-09 /	Scientific Pub service/Chennai
		Biotech	
9	K.Ramya	Biotech 2006-09/ Biotech 2006-09/	Scientific Pub service/Chennai

11	N.Padmaja	2006-09 / Biotech	Asst.Pfrofessor/PCU/ Pondicherry
12	P.Rajesh	2008-11/ Biotech	Hetero Drugs/Vizag
13	M.LakshmanKum ar	2007-10/ Biotech	Postal Service
14	M. Veera Krishna	2007-10/ Biotech	Police Department
15	D.VenkataRaman	2007-10/ BZC-TM	Police Department
16	N.Kumar	2006-09/ BZC-TM	Special Protection Force Constable
17	S.Narendrakumar	2006-09/ BZC-EM	NIC-Kakinada
18	G.SrinuBabu	2005-08/ Biotech	Hetero Drugs /Nakkapalli
19	M.VenkataRaju	2004-07/ Biotech	Probationary Officer/SBI, Nalgonda
20	M.Naga Lakshmi	2006-09/ Biotech	Clerk/SBI

24. Student progression

Student progression	Against % enrolled
UG to PG	20 %
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	

STUDENT PROGRESSION LIST

ACADEMIC YEAR 2015-16

S.No	Name of the Student	Progression of the Student
01	M Jaya satyasaiVarma	M.Sc Organic Chemistry, ANUR,
	7569399468	Rajahmundry
02	M Gangadhar	M.Sc Organic Chemistry, Arts
	7842928147	College Rajahmundry
03	Y Gowthami	M.Sc Organic Chemistry, IDEAL
	7337493959	College, Kakinada
04	B.Nookesh	M.Sc Marine Biology, Andhra

	9666601914	University, Visakhapatnam
05	B. Lakshmi Sailaja	M.Sc Micro Biology, Andhra
	9553075185	University, Visakhapatnam
06	CH NaniBabu	M.Sc Organic Chemistry, IDEAL
	9177780663	College, Kakinada
07	M. SuvarnaKala	ILM, Kerala, Mary's College
	9207525602	
08	KVVS Swamy	M.Sc Organic Chemistry, ANUR,
	9908900962	Rajahmundry
09	CH VinayPrakash Dora	M.Sc., Botany, ANUR,
	8500604144	Rajahmundry
10	B Sri SaiSudha	M Sc., Organic Chemistry, Aditya
		College, Kakinada
11	B Kranthi	B.Ed.,

ACADEMIC YEAR 2014-15

S.No	Name of the Student	Progression of the Student	
01	T.Deepa	Joined M.Sc. Biochemistry at Aditya PG	
		College, Kakinada	
02	A.Ramya	Joined M.Sc. Biochemistry at Aditya PG	
		College, Kakinada	
03	Gangadar	Joined M.Sc. Organic Chemistry at Aditya	
		PG College, Kakinada	
04	Shanthi	Joined M.Sc. Biochemistry at Aditya PG	
		College, Kakinada	
05	B Prasannatha	Joined M.Sc., Chemistry at Andhra	
		University.	
06	Varalakshmi	Joined M.Sc., Botany in Andhra University.	

ACADEMIC YEAR 2012-13

S.No	Name of the Student	Progression of the Student	
01	T. Ramya	Joined in M.Sc Zoology,	
		Andhra University	
02	M. Devi Prasanna	Joined in M.Sc Zoology,	
		Andhra University	
03	K. Satya Ganesh	Joined in M.Sc Zoology,	
		Andhra Univfersity	
04	A. Manikantha	Joined in M.Sc Fisheries,	
		Andhra University	
05	K. Lavanya	Joined M.Sc Zoology,	
		VSM College, RC puram	
06	K. Rajesh	Joined M.Sc Fisheries,	

		A a dlano I Indexensita	
		Andhra University	
07	P. Sita Rama Raju	AU Rank 471	
		Joined in M.Sc Nuclear	
		Chemistry	
08	B. Ramesh	Joined in M.Sc. Marine Biology,	
		Andhra University	
09	U. Siva Sankar	AU Rank 36	
		Human Genetics, Andhra	
		University	
10	S. Aparna	AU Rank 39	
		Joined in M.Sc Botany, Andhra	
		University	

ACADEMIC YEAR 2011-12

S.No	Name of the Student	Progression of the Student
01	A. Rajeswari	AU Rank : 215
		Joined M.Sc. Zoology at Andhra
		University
02	K. SaiManikantha	AU Rank 7
		Joined in M.Sc Botany, Andhra
		University
03	G. Lavanya	AU Rank 15
		Joined in M.Sc Biochemistry,
		Andhra University
04	T. Ramya	Joined in M.Sc Zoology, in VSM
		College, Ramachandrapuram
05	P. BhuvanaTeja	Joined in M.Sc Marine Biology,
		Pondicherry University

25. Diversity of Staff:

siversity of Staff:		
Percentage of Faculty who are graduates		
Of the same parent university	80%	
From the University within the state	10%	
From other universities	10%	
from other states		

26. Number of faculty who were awarded Ph.D., D.Sc., and D.Litt during

the assessment period.

-Not Applicable-

27. Present details about infra structural facilities

- o Library
 - There is good library in the Institute.
 - Department Library facility is utilized by the students.
- o Internet facilities for staff and students:
 - At present the entire institute is connected with LAN.
 - Each Department is provided with Internet facility of 100 mbps.
 - In the department there are 10 systems under LAN for the purpose of Bio Informatics laboratory
 - Three separate systems for the staff and students are there with the Internet facility.
- o Total number of Class Rooms:
 - There are 8 Class rooms and Four Laboratories
- Class rooms with ICT facility:
 - 4 Class are there with the ICT facility.
 - 3 Laboratories are also provided with the ICT facility.
- o Students' Laboratories:
 - Four Students' laboratories are present
- o Research Laboratories:
 - One Research Laboratory in present.

28. Number of Students of the department getting financial assistance from the college:

The institute in supporting the students by means of the Poor students aid fund. The fund is raised form the Special fee collected during the year. Students will be selected on the basis of the merit and also does not enjoy the other scholarship from any other agency.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

- Ouring the year 2014-15 B.Voc Commercial Aqua culture was started in the department. This programme is started as there is dire need of the skilled person in the potential aquaculture field. This institute is a maritime institute which supports the course in various ways.
- During the Year 2015-16 M.Sc., Zoology Programme started by the department. This course in needed as this department supports nearly 158 UG students from the Biology stream. For perusing higher education with affordable fees this course is useful.
- Prior to the inception of the course the departmental meetings will be held at the institute level and the merits and demerits of introducing

- the new course will be discussed and recorded.
- The programme will be carried out as per the resolutions of the departmental meetings with the concern of the Principal.

30. Does the department obtain feedback form

- Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it?
- Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- Alumni and employers on the programmes and what is the response of the department to the same?
- o At the Institute level online feedback system is there for the assessment of curriculum and teaching.
- The feedback is analyzed by the Principal and Academic coordinator the outputs will be revealed to the faculty in the departmental meetings.

31. List the distinguished alumni of the department. (maximumc10)

S.N	Name	Affiliation
О		
1	Prof.R.V.Seshaiah	HOD,Dept of Marine Biology, Annamalai
		University, Chidambaram
2	Prof.V.Sreerama Murthy	Dept.ofZoology,SVUniversity,Tirupathi
3	Prof.DGV Prasad Rao	Dept.ofZoology,Andhra University
4	Padmasri Prof. M V. Rao	Vice Chancellor, APAU, Hyderabad
5	Dr.T. Rajya Lakshmi	Director,CIBA,Chennai
6	Dr.M.VenkateswaraRao	DirectorofFisheries,AP
7	Prof.B.RaghavendraRao	HOD,OsmaniaUniversity,Hyderabad
8	Prof.R.Madhavi	Vice Chancellor, PadmavathiMahila
		University, Tirupathy
9	ProfI.M.Rao	AIMS, New Delhi
10	Prof.NVS Naidu	Andhra Medical College, Vizag
11	Prof.Surya PrakashRao	Director of Medical Science, AP
12	Dr.RollaSeshagiriRao	Scientist, IFR, Dehradun
13	Prof. D. RamaRao	Dermatologist, Andhra Medical college
14	D. Nalini Mohan	IFS,Chief conservator of forests
15	Dr. Lokam Jaya Sree	Scientist CMFRI

32. Give the details of students enrichment programmes (Special Lectures/Workshops/Seminars) with external experts.

- To motivate the students in the curricular and extracurricular activities various motivational and extension activities are carried out by the department.
- To quote the among them is the Motivational and career developmet

- talk by NRI Sri Padala Surya Prasad on 09.09.2015 was conducted.
- Guest Lectures from the eminent persons in the field are being organized by the department at regular intervals.

33. List the teaching methods adopted by the faculty for different programmes.

- Staff members of the department adopt the following methods of teaching.
- o Lecture method
- o Demonstration method
- o ICT based teaching with the help of KYAN
- Supplementary methods like quiz, seminars, group discussions are adopted accordingly

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Learning outcomes are monitored mainly by the evaluation process which includes the evaluation of internal examinations.
- o Evaluations of assignments
- Evaluation of Seminars
- o Evaluation of the group discussion and quiz.

35. Highlight the participation of students and faculty in extension activities.

- Department motivates the faculty and students in the participation of extension activities.
- o In the month of February,2015 faculty of the department carried out the extension activity in the Surrounding Government schools. The objective of this activity is to sensitize the students in the schools on the health and hygiene.
- During the programme staff interacted with the students and explained the principles of Biology and the need to study the biology.
- Students also participate the extension activities voluntarily. In the month of December ,2015studetns visited the Old age home at Yanam and provided the basic amenities for the old people.

36. Give details of "beyond syllabus scholarly activities" of the department.

- o Participation in the SWATCH BHARATH
- o Participation in the Campus Cleaning.
- o Participated in the Mosquito eradication Programme

37. State whether the programme/ department is accredited graded by other agencies. Give details.

o Institute is reaccredited by the NAAC with B Grade

38. Detail any five strengths, Weaknesses, Opportunities and challenges (SWOC) of the department.

- o Strengths: Admissions
- o Weaknesses: Lack of Complete Infra Structure.
- o Opportunities: Maritime Institute with potential opportunities in the field of Biology and Aqua Culture.

39. Future plans of the department.

The following are the future plans of the Department:

- o Proposed to promote the Project Oriented, Skill Oriented programmes.
- o Modify the curriculum according to the NSDC frame work
- o Develop and promote the research tempo among the faculty and students to carry out the research for the community development.

Evaluative Report Commerce Department

- 1. Name of the Department & its year of establishment: Department of Commerce- 1956
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Year	Courses
1956 - 2012	B.Com (RCCS, TM & EM)
	B.Com (CA)
2012-13	B.Com (RCCS, TM & EM)
	B.Com (CA)
2013-14	B.Com (RCCS, TM & EM)
	B.Com (CA)
	B.Com(CECS)
2014-15	B.Com (RCCS, TM & EM)
	B.Com (CA)
	B.Com(CECS)
	B.Voc (Retail Management)
2015-16	B.Com (RCCS, TM & EM)
	B.Com (CA)
	B.Com(CECS)
	B.Voc (Retail Management)
2016-17	B.Com (RCCS, TM & EM)
	B.Com (CA)
	B.Com(CECS)
	B.Voc (Retail Management)

3. Interdisciplinary courses and departments involved

B.Com(CECS):

Department of Computer Science, Department of Economics,

4. Annual/semester/choice based credit system

CBCS under Semester system

5. Participation of the department in the courses offered by other departments

Management Accounting in MSAs Group,

III semester: Financial Accounting

V Semester: Paper IV: Business Communications. Department of Chemistry: (ATP): Entrepreneurship

Development.

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate		
Professors		
Asst. Professors /	07	1+2+4
Lecturer		

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph. D students guided for the last four years
Dr. J. PANDU RANGARAO	M.Com, MBA, M.Phil, Ph.D, NET, APSET	Lecturer in Commerce	Accounting & Finance	4 years	Guide- ship provided in this year only
KNB Kumari	M.Com, M.B.A, MA, DCA, Tally	Lecturer in Commerce	Advanced Accountancy & Finance	13 years	
Ch. Balaji	M.Com, M.B.A, MA B.Ed, APSET	Lecturer in Commerce	Taxation	13 years	
Dr. Lydia	MBA Ph.D	Lecturer in Commerce	Finance	2 years	
Dr. J. Vijay Kumar	M.Com, M.Phil, Ph.D	Lecturer in Commerce	Accounting	5 years	
VRA Lakshmi	M.Com	Lecturer in Commerce	Banking	3 years	
Annapurna A.	M.Com	Lecturer in Commerce	Accounting	5 years	
Ch. Uma Devi	M.Com	Lecturer in Commerce	Banking	3 years	

8. Percentage of classes taken by temporary faculty – programme-wise information

67% of classes taken by Temporary faculty in all programmes viz., B.Com RCCS, T.M, E.M. CA, CECS etc.,,

9. Programme-wise Student Teacher Ratio: 1:61

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled : NIL

- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.: NA
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: NA

13. Research facility / centre with:

Adika Nannaya University, Rajamahendravaram, in Commerce & Management subject.

- o state recognition
- o national recognition
- o international recognition

14. Publications:

Number of papers published in peer reviewed journals (national /International)

Dr	J. P	andu	Rang	garao
----	------	------	------	-------

S.No.	Title of the paper	Name of the Journal	Volume and year
1	entitled "Data Protection Position in London" an online study on HSBC Bank.	International Journal of Engineering Research & Technology (IJERT)	Vol. 1 Issue 6, August - 2012 ISSN: 2278-0181
2	"Optimization An Effective tool of Management".	International Journal of Advanced Arts, Science and Engineering [IJOAASE]	ISSN 2320- 6136 Volume 1 Issue 1, 2013
3	"Role of Strategic Management in Indian Hospitality and Tourism Industry".	International Journal of Advanced Arts, Science and Engineering [IJOAASE]	ISSN 2320- 6136 Volume 1 Issue 2,
4	"Role Human Resource Management in sustainable	"The Board of International Journal of Recent and Innovation Trends in Computing and Communication"[IJRITC C]	volume2, issue 9 September 2014.

	development".		
5	After Sales Service for Honda Motors – An Evaluative Study	Indian Journal of Commerce and Management Studies [IJCMS] ISSN 2249- 0310	Volume 1V Issue 2, Dated December 2012.
6	"e-HRM add value to the HRM- to obtain optimum potentials from the available Human Resources".	"COMMO'N'MAN" An INDIAN JOURNAL OF COMMERCE AND MANAGEMENT	- ISSN 2348- 4934 Volume 1 Issue 1,

- Monographs
- o Chapter(s) in Books
- Editing Books
- Books with ISBN numbers with details of publishers:
 - ISBN:978-1-5376-3806-5, PND Publishers. A Text book on "Mutual Funds"
 - ISBN:978-1-4818-4193-1, PND Publishers. A text book on "Innovative Trends in Business, Technology and banking"
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)
- o Citation Index range / average
- o SNIP
- o SJR
- Impact factor range / average: 3.565.86
 - h-index

0

15. Details of patents and income generated

16. Areas of consultancy and income generated

17. Faculty recharging strategies

Attending refresher, Orientation courses, workshops and presenting papers in National and International conferences

- ➤ J.Pandurangarao attended Orientation course at Andhra University from 20-01-2013 to 18-02-2013.
- ➤ J.Pandurangarao attended Refresher course at Andhra University from 01-07-2014 to 20-07-2014.

Papers presented in National/International Conference:

		Dr. J. Pandu I	Rangarao	
S.N o.	Date	Organization	Title	Venue
1	27 th to 28 th December, 2013.	AICTE, NEWDELHI,	"Is Competitive Advantage – a New Mantra of Modern Organization"	Sri Vasavi Engineering College, Tadepalligudem , W.G. Dist
2	31-01-2014 to 2nd February, 2014.	P.G. Centre, P.B. Siddhartha College of Arts & Science, Vijayawada.	Role of CRM in Marketing for success of a Business",	Department of Commerce & Business Administration
3	on 5 th to 6 th September, 2014,	I.C.S.S.R, NEWDELHI & UGC, (SERO), Hyderabad	"State of Indian Higher Education" A study at a glance".	Sir. C.R. Reddy (Autonomous) College, Eluru
4	15 th & 16 th February, 2015.	UGC, New Delhi	"SWOT Analysis of Entrepreneursh ip"	S.K.S.D. Mahila Kalasala, Tanuku
5	16-09-2015.	SANKARA College of Science and Commerce, Coimbatore, Tamil Nadu	GREEN MARKETING – A Tool for sustainable development in the Modern Business Environment"	SANKARA College of Science and Commerce, Coimbatore, Tamil Nadu
6	28 TH & 29 th November, 2016	UGC, NEW DELHI	Periodical Development of Tribal's towards five year plans in India	P.R. Govt. College, Kakinada
7	21 st & 22 nd December, 2016	UGC NEW DELHI	"A Theoretical approach to ORIGIN OF LIMITED LIABILITY PARTNERSH IPS IN INDIA.	Govt. College, Rajamahendrava ram
8	20th & 21st Decem ber, 2016	ADIKAVI NANNAYA UNIVERSITY	"WORK LIFE BALANCE – A	ADIKAVI NANNAYA UNIVERSITY

			CHALLENGE FOR EMPLOYEE IN MODERN ERA"	
9	24 TH & 25 January 2017	UGC, New Delhi	"Reasons for Pollution on Earth – an observation"	P.R. Govt College, Kakinada
10	25 TH January 2017	UGC, NEW DELHI	"Position of Women's rights in Human Rights".	GDC, Ravulapalem
11	January 27 th & 28 th 2017	UGC NEW DELHI	Pedagogy to be adopted while teaching to Commerce Students"	GDC, Anathapuram, A.P
12	9 th & 10 th February, 2017	UGC NEW DELHI	EFFECTIVE SCHEMES AND PROGRAMM ES OF CURRENT GOVERNME NTS AT CENTRE AND STATES	SIR, C.R. REDDY COLLEGE ELURU
		Ch. Bal	aji	
1 _	Nov 4 th &	A diam C1-1-1	"F1	Coming TI-11
1	5 th	Aditya Global Business School Surampalem	"Exploring Entrepreneursh ip Opportunities in Andhra Pradesh	Seminar Hall, Aditya Global Business School Surampalem
2	Nov 23 rd	Spaces Degree College, Payakarao peta	Blzee@spaces 2014	Seminar hall, Spaces Degree College,
3	Mar 8 th 2015	Govt., Arts College, Rajamahendrava ram,	E- Governance Problems and prospects"	Department of Commerce, Govt., Arts College, Rajamahendrava ram
4	23-24 th Septembers	P.R. Govt College (A) Kakinada	"Innovative Trends & Global Advancements in Technology,	LCD HALL – 2, P.R. Govt College (A) Kakinada

			Industry, Banking and Finance"	
		Smt. K.N.B	Kumari	
1	23-24 th September	P.R. Govt College (A) Kakinada	"Innovative Trends & Global Advancements in Technology, Industry, Banking and Finance"	LCD HALL – 2, P.R. Govt College (A) Kakinada
2	27 th & 28 th Sept 2016	P.R. Govt College (A) Kakinada	Applications in Statistics & Mathematics"	LCD HALL – 2, P.R. Govt College (A) Kakinada

18. Student projects: 02 DURING 2015-16

S.No.	Type of project	Students involved
1	Chart Presentation	B.Com 1 st years
2	Practical Monuments preparation	All B.Com Students
3	Interviewing prominent people in the town	B.Com 1 st & 2 nd years
4	PPT presentation on Japanese Management Techniques	B.Com 1 st Years
5	Survey on Economic Conditions of rural people	All NSS volunteers

19. Awards / recognitions received at the national and international level by

o Faculty

J.Pandurangarao is appointed as course coordinator (commerce) by the Commissioner of College Education for introducing new courses.

Doctoral / post doctoral fellows

• Students:

Many students of the department got Prathiba Awards, Participated in BEEMUS 2016 held at Loyola College, Vijayawada.

Our B.Com students are getting the many endowment prizes

So far students participated in 10 Management Meets, and the department also conducted on Management fest "REMA-2K17".

S.No.	Name of the	Beneficiary	Amount

	endowment prize		
1	Sri, Ryali Venkata Rao Memorial Prize	Highest Marks in 1 st B.Com Including Part-I	Interest on Rs. 4,402
2	Sri. Y. Srinivasu Memorial Prize	Highest Marks in 1 st B.Com Including Part-I	Interest on 2,085
3	Vempada Ramarao memorial Prize	Highest Marks in final B.Com	Intest on Rs. 1,216
4	Madduri Annapurnaiah Memorial Prize	Highest Marks in final B.Com	Intest on Rs. 356
5	Sri. Ponugupati Sambasivarao & P. Gangamma Memorial Prize	1 st B.Sc & II B.Com Poor Students (Prefer Parentless)	Interest onn Rs. 1,00,000

20. Seminars/ Conferences/Workshops organized and the source of funding (national

21. International) with details of outstanding participants, if any.

1. National Level seminar was conducted during Sept 23-24th of 2016 on "Innovative Trends and Global advancements in Technology, Industry, Banking and Finance" funded by UGC, NEW DELHI. Organizing Secretary Dr. J. Pandu Rangarao, Lecturer in Commerce.

S.No.	Key Note Speaker, Technical Sessions Chair persons
1	Dr. Varsha. S. Sukhadeve, Prof. SGB Amravati
	University, Maharastra
2	Dr. Pathuri Mohan, Principal, Kavita Eng., College,
	Khammam
3	Dr. Pulidindi Venu Gopal, HOD & Prof., VIT, Vellore
4	Dr. N. Thyaga Raju, Asso. Prof., GDC, Repalle, Guntur
5	Dr. E. hari Prasad Sarma, Asso., Prof., Vagdevi College,
	Karimnagar,
6	S. Vijaya Kumar, Asso.Prof., Berhampur University,
	Odisha
7	Dr. D. Thiru Vengala Chary. Asso. Prof, GDC,
	Warangal

8	Dr. R. Sreenivasa Rao, Asso., Prof, Sir C.R. Reddy
	College, Eluru

9 Dr. P.V.V. Satyanarayana, Asst. Prof, JNTU Kakinada

22. Student profile course-wise:

Batch	Name of the course Refer question	Applications received	Selected	Pass percentage
	no. 2			
	B.Com (RCCS) EM		145	
2012-	B.Com (RCCS) TM	528		98%
15	B.Com (CA)	328		
	B.Com (CACS)			
	B.Com (RCCS) EM		183	
2013-	B.Com (RCCS) TM	556		88%
16	B.Com (CA)	330		
	B.Com (CACS)			
	B.Com (RCCS) EM		187	
2014-	B.Com (RCCS) TM	607		
17	B.Com (CA)			
	B.Com (CACS)			
	B.Voc (RM)	88	51	
	B.Com (RCCS) EM		184	
2015- 18	B.Com (RCCS) TM	560		
	B.Com (CA)			
	B.Com (CACS)			
	B.Voc (RM)	44	38	
2016-	B.Com	547	193	

19	(RCCS) EM		
	B.Com		
	(RCCS) TM		
	B.Com		
	(CA)		
	B.Com		
	(CACS)		

23. Diversity of Students: 2015-16

Name of the Course (refer question no. 2)	% of students from the state
B.Com (RCCS) EM	100%
B.Com (RCCS) TM	100%
B.Com (CA)	100%
B.Com (CACS)	100%
B.Com (Bov)	100%

24. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

25. Student progression:

Student Progression	Percentage Against Enrolled
UG to PG	15%
PG to M.Phil.	5%
PG to Ph.D	1%
Ph.D to Post-Doctoral	Nil
Employed → Campus Selection → Other than Campus Recruitment	16 students 50 students
Entrepreneurs	2%

26. Diversity of staff

Percentage of faculty who are graduates

of the same parent university 100%

from other universities within the State from other universities from other States : NIL

27. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

- 1. Dr. R. Lydia, Awarded Ph.D on May, 2015 from A.U.
- 2. Dr. J. Vijaya Kumar, Awarded Ph.D on Feb, 16, 2016 from A.U.

28. Present details about infrastructural facilities

Library : Departmental Library is available to all students along with Central Library in the campus which is open for all

Internet facilities for staff and students : Yes available, wifi also

Total number of class rooms: 08

Class rooms with ICT facility: Central LCD hall is available in campus

Students' laboratories : for B.Voc Students Computer Lab

is available with 30 systems

Research laboratories: Not available

29. Number of students of the department getting financial assistance from College.

80% of the students are getting scholarships from State Government.

S.No.	Name of the endowment prize	Beneficiary	Amount
1	Sri, Ryali Venkata Rao Memorial Prize	Highest Marks in 1 st B.Com Including Part-I	Interest on Rs. 4,402
2	Sri. Y. Srinivasu Memorial Prize	Highest Marks in 1 st B.Com Including Part-I	Interest on 2,085
3	Vempada Ramarao memorial Prize	Highest Marks in final B.Com	Intest on Rs. 1,216
4	Madduri Annapurnaiah Memorial Prize	_	Intest on Rs. 356
5	Sri. Ponugupati Sambasivarao & P. Gangamma Memorial Prize	B.Com Poor	onn Rs.
6	Poor Boys/Girls fund is av	ailable every year	

30. Was any need assessment exercise undertaken before the

development of new program(s)? If so, give the methodology.

31. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learningevaluation? If yes, how does the department utilize it? Yearly once we are collecting it from each faculty to modify BOS
- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
 - At every three months we are collecting online feedback from students and uploading it to CCE for determination of API & AADPI
- c. Alumni and employers on the programmes and what is the response of the department to the same?

32. List the distinguished alumni of the department (maximum 10)

- > Dr. P. Sukumar, Retd Reader in Commerce
- > Dr. T.T. Vijaya Prasad, HOD Commerce,
- > Dr. P.V Krishna Rao, Asst., Professor, Dept of English

33. Give details of student enrichment programmes (special lectures/ workshops / seminar) with external experts.

lectures/ workshops / seminar) with external experts.			
2016-17	26-7-16	"Importance of Accounting" K. Jaga Deesh	
	5-8-16	"Importance of Stock Markets by A. Srinivas,	
		Branch Manager, Kotak Mahendra Securities,	
		Kakinada.	
	6-8-16	"Employability Skills" By J. Raja Sekhar,	
		Chartered Accountant.	
	31-8-16	GAP-Analysis" by U. Mani Ramakanth, Head	
		LPO section, ADP International.	
	7-10-16	Entrepreneurship Development" P. Dhana	
		Lakshmi, Asst Professor, GDC,. Tiruvuru,	
		Krishna District	
	20-10-16	"FSBI" Dr. K. Lakshman Rao, GDC,	
		Rampachodavaram.	
	23/11/16	Arranged a guest lecture on " Career	
		Development and role of computers in	
		Education" for the benefit of B.Com Students.	
	29/11/16	Arranged a guest lecture on " Accounting	

		Aspects: Role of Indian – Cashless transactions"
		by Dr. P. Mohan, PDF, Nagarjuna University.
	15/12/16	Arranged a guest lecture on "Journey Towards
		IIM" by an alumnus of IIM, Banglore for the
		benefit of B.Com Students.
	23/12/16	Organized a programme in lieu of National
		Consumer's Day / arranged a field trip to 1^{st} year
		B.Com Students.
	04/01/17	Conducted an awareness programme on "
		Cashless Transactions " by Sri. K. Srinivas Rao, Sr.
		Manager, IOB, Kakinada.
	10/01/17	Conducted Commerce Expo in the premises of
		the Commerce Department, students
		participated actively.
	27/01/17	Guest lecture on "Reasoning for competitive
		examinations" by Sri. Sekhar, Logic Academy.
	09/02/17	Arranged a guest lecture on "Staff Selection
		Commission model examination" for the benefit
		of B.Com Students.
	10/02/17	Arranged a guest lecture on "Importance of Stock
		Market" by Mr. Sri Ram Vasi, & Mr. Vamsi for the
		benefit of B.Com Students.
	21 &	LEAD INDIAN PROGRAMME Organized for the
	22/02/17	benefit of volunteers.
	22/2/17	Conducted Guest lecture on "Moral Values" by
		Kammila Surendra. Shine Institute.
	03/03/17	Organized a state Level Student Workshop under
		UGC B.Voc RM funds viz., "REMA-2K17" for 160
		students came from nearly 10 colleges.
2015-16	29-1-15	A Guest lecture on "Career Planning" by
		P.Ramachandra Rao, GDC, Women, Kakinada.
	1-8-15	"Trends in Financial Markets" – G.K. Srinivas
	12-9-15	A Guest Lecture on "Retail Operations" by Sanka

		Bapayya, Asst. Manager, MORE, Aditya Birla
		Group, Kakinada.
	4-1-16	A guest Lecture on "UTI Mutual Funds, G.K.
		Srinivas, Zen Securities, Kakinada.
	9-2-16	"Talley 6.9 its applications" by H.S. Sai Krishna
2014-15	30-8-14	A Guest Lecture on "Innovative Banking
		Practices" by P. Suri Babu, P.V.R. Trust Degree
		College, Kakinada.
	8-12-14	"Business Communication Skills" by B. Radha,
		Asst Professor, KIET Engineering College,
		Korangi
	17-12-14	"Career Guidance" by Y.V.V.S.S.S. Vara Prasad.
		Asst. Prof. GITAM University, Visakhapatnam.
	18-12-14	"Importance of CA.ICWA by T. Sudhakar,
		Chartered Accountant. Master Minds,
		Vijayawada.
2013-14	19-7-13	A Guest lecture on "Demonetization of
		counterfeit Currency" by Sri. G. Chinna Rao
		garu, P.V.R. Trust Degree College, Kakinada.
2012-13	18-12-12	A Guest Lecture on "Innovative Practices in
		Banking and Industry" by Dr. M. Radha Krishna,
		GDC, Nidadavole.

34. List the teaching methods adopted by the faculty for different programmes.

Black Board, Assignment, Chart preparation, Role Play Basket Method, PPT (ICT) Etc.,

35. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Student involvement in curriculum helping to achieve the objectives of each programme.

36. Highlight the participation of students and faculty in extension activities.

Our students are participating in NCC, NSS, Janmabhoomi, Eco-Club, Women Empowerment Club, etc.,& they are participating in Management Festivals being organized by many UG & PG Colleges.

- 37. Give details of "beyond syllabus scholarly activities" of the department.
 - ➤ Role Play,
 - ➤ Game Method
 - > Assignments
 - Practical Basket Method of learning
- 38. State whether the programme/ department is accredited/ graded by other agencies. Give details.
- 39. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
 - > Strength: Huge and great reputation to institution
 - ➤ Weakness: Shortage of Permanent Staff
 - Opportunities: Full demand for all B.Com Courses, JKC placements,
 - ➤ Challenges: No. of Rooms and Infrastructural problems.
- 40. Future plans of the department.
 - > To Achieve Good results and to get high placements
 - > Strengthening the M.Com course
 - > To enhance the research facility in the domain.

Evaluative Report Economics Department

- 1. Name of the Department & its year of establishment: Economics- 1884
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate Courses:

- ➤ BA-History, Economics, Politics (Both Telugu & English Medium)
- ➤ BA-Special English, Economics, Politics (English Medium Only)
- ➤ BA-History, Economics, Philosophy (Telugu Medium Only)
- ➤ BA-Mathematics, Economics, Statistics (English Medium)

Post Graduate Courses:

- > MA-Economics
- 3. Interdisciplinary courses and departments involved:
 - > No interdisciplinary courses offered
- 4. Annual/semester/choice based credit system:
 - ➤ Semester, Choice Based Credit System (CBCS)
- 5. Participation of the department in the courses offered by other departments:
 - The Department of Economics has been participating in the courses offered by Commerce Department i.e. (C.E.CS), Mathematics and Statistics Department (Actuarial Science II semester : Financial Economics)
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate		
Asst. Professors	03	03

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. N o.	Name	Qualificat ion	Design ation	Specializa tion	Experie nce as lecturer	No. of Ph.D studen ts guide d for the last four years
1	V.Chittib abu	M.A.	Lectur er	Agricultur e Economic s	11 years	Nil
2	B.Sriniva sa Rao	M.A., M.Phil.,	Lectur er	Industrial Economic s	07 years	Nil
3	Dr.K.Sub hashini	M.A., Ph.D.	Lectur er	Industrial Economic s	06 years	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

S. No.	Percentage of classes temporary faculty	taken	by
	NIL		

9. Programme-wise Student Teacher Ratio

S. No.	Programme	Student Teacher Ration
1	B.A.	1:50

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: NIL
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Name	Ongoing Project	Title	Funding Agency	Grant sanctioned in Rupees
NIL				

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: NIL

13. Research facility / centre with

state recognition:
 national recognition:
 international recognition:
 NIL

14. Publications:

* Number of papers published in peer reviewed journals (national /international): 02

* Monographs: NIL

* Chapter(s) in Books: 02

Dr.K.Subhashini: In the book Censes 2001, Chapter is "Gender Inequalities in literacy rates" published in 2012.

Two Chapters in Economics Text Book published by Board of Intermediate and Telugu Academy in 2014.

* Editing Books: NIL

* Books with ISBN numbers with details of publishers: NIL

15. Details of patents and income generated: NIL

16. Areas of consultancy and income generated: NIL

17. Faculty recharging strategies:

➤ Faculty recharging strategies are to attend one Refresher Course on 2nd November 2013, one Orientation Course on 26 April 2012, Two Inter National Seminars/Conferences/TWO Workshops and Five national seminars.

18. Student projects

• Percentage of students who have done in-house projects including inter-departmental

S. No.	Academic Year	No. of Projects done
1	2011-12	02
2	2012-13	02
3	2013-14	02
4	2014-15	02
5	2015-16	02
6	2016-17	02

19. Awards / recognitions received at the national and international level by

Faculty: NILStudents: NIL

- 20. Seminars/Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any:
 - ➤ National Seminar on "National Integration Emerging Trends in Socialization" is organized on 28-11-16 and 29-11-16 with UGC Autonomous funds.

21. Student profile course-wise:

Name of the Course	Application Received	Selected M-F -T	Pass percentage M-F
B.A.HEP (T.M.)	65	20-10-30	70%-80%
B.A.HEP (E.M.)	20	15-05-20	50%-55%
B.A.EEP (E.M.)	30	17-13-30	80%-90%
B.A.HEPhil (T.M.)	15	09-06-15	55%-60%

22. Diversity of Students:

Name of the Course	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
		100%		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student progression

UG to PG	10%
PG to Ph. D	-
Ph. D To Post-Doctoral	Nil
Employed	-
Campus Selection	-
Other than campus recruitment	2%
Entrepreneurs	3% Self Employment

25. Diversity of staff:

Percentage of faculty who are graduates	
Of the same parent university	100% (AU)
From other universities within a state	
From other universities from other states	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

NIL

27. Present details about infrastructural facilities

Library:	Available
Internet facilities for staff and students:	Available
Total number of class rooms:	08
Class rooms with ICT facility:	01
Students' laboratories:	NIL
Research laboratories:	NIL

28. Number of students of the department getting financial assistance from College:

- ➤ One student got Rs.3000/- for better performance and financially weak.
- > Two students got from poor students fund.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology:

Yes, the department of Economics has undertaken a survey before proposing B.A. programme with Mathematics, Economics and Statistics and also for M.A. Economics programme.

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- ➤ The Department of Economics has not taken any feedback from faculty on curriculum as well as teaching —Learning-Evaluation, but referred many universities curriculum and consulted eminent professors working in the Andhra University.
- b. Students on staff, curriculum as well as teaching-learning-

evaluation and what is the response of the department to the same?

- > Centralized feedback system is existing in the college.
- c. Alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10)

- Late. GMC Balayogi Former Speaker of India
- > Sri. P. Bhaskarachari
- Sri. Alluri Seeta Rama Raju
- Sri Boddu Bhaskara Rama Rao, MLC (Present)
- > Sri Madhuri Annapurna, freedom fighter
- > Sri S. V. Ranga Rao, Cinema Actor
- Sri Rao Gopala Rao, Cinema Actor etc.,

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- One extension lecture by Prof Lilly Grace on public expenditures and revue
- ➤ One extension lecture by Prof Ravani on Statistical Tools for Economics

33. List the teaching methods adopted by the faculty for different programmes:

- Conventional and Use of ICT
- ➤ Power point presentation
- > Student seminars
- Debates
- Quiz programmes

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored:

➤ The Department of Economics always tries to meet the programme objectives by adopting the methods of group discussions, debates and interviews and project works.

35. Highlight the participation of students and faculty in extension activities.

- ➤ One faculty member nominated as a member in expect committee for social impact assessment for road widening
- > Dr. K. Subhashini nominated as a documentation writer for innovative programmes launched by the East Godavari District

36. Give details of "beyond syllabus scholarly activities" of the department:

➤ The department of Economics arranged an invited talk on "Cooperative Credit System" in India by Dist. Co-Op Bank Manager.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details:

> NA

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths of the Department:

> Experienced faculty with one doctorate

Weaknesses of the Department:

➤ The students are of rural background so that they are lacking behind in interacting with others.

Opportunities of the Department:

- > Exploration of new teaching system
- > Introduction of new papers
- > Using of Information and database
- Using government policies

Challenges:

- > Strengthening of department with new technologies
- Preparing the student fully in terms of subject
- Try to change the mindset of the student in order to cope up with new opportunities
- > Inculcate the habit of research in the minds of the students
- Preparing the student to face the competitive world.

39. Future plans of the department.

- Arrangement of extensive lectures and beyond syllabus related subjects
- ➤ Planning and implementation of social activities
- Undertaking of extensive programmes
- Procurement of new technologies to the department for the benefit of students
- ➤ Planning of interdisciplinary programmes

Evaluative Report History Department

- 1. Name of the Department & its year of establishment: History-1926
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate Courses:

- ➤ BA-History, Economics, Politics (Both Telugu & English Medium)
- ➤ BA-Special Telugu, History, Politics (Telugu Medium Only)
- ➤ BA-History, Economics, Philosophy (Telugu Medium Only)
- 3. Interdisciplinary courses and departments involved:
- 4. Annual/ semester/choice based credit system:
 - > Semester, Choice Based Credit System (CBCS)
- 5. Participation of the department in the courses offered by other departments:
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors / Lecturer	01	01 +01(guest faculty)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	Experienc e as lecturer
1	V.Narasimha Swamy	M.A., M.Ed.	Lecturer	History of Moghal Maratas	12 Years
2	M.Pardha Saradhi	M.A.(His.), M.A.(Phy.), M.A.(Socialogy)	Guest faculty	History of Moghal Maratas	5 years

8. Percentage of classes taken by temporary faculty – programme-wise information

S. No.	Programme	Percentage of classes taken by temporary faculty
1	UG	50%

9. Programme-wise Student Teacher Ratio

S. No.	Programme	Student Teacher Ratio
1	B.A.(T.M)	85:1
2	B.A.(E.M.)	22:1

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:
 - > NIL

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Name	Ongoing Project	Title	Funding Agency	Grant sanctioned in Rupees			
NIL							

- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:
 - > NIL
- 13. Research facility / centre with
 - state recognition:national recognition:NIL
 - o international recognition: NIL
- 14. Publications:
 - > NIL
- 15. Details of patents and income generated:
 - > NIL
- 16. Areas of consultancy and income generated:
 - > NIL

17. Faculty recharging strategies: Attending of OC, RC, Seminars and Workshops.

Name of the Faculty	No. of Orientation Courses	No. of Refresher Courses	No. of National Seminars	No. of International Seminars	No. of Workshops
V.Narasimha Swamy	01JNTUH, Hyd.25-4- 11 to 22-5- 11	01 Osmania University in 2008	03	01	02

18. Student projects

 Percentage of students who have done in-house projects including inter-departmental

S. No.	Academic Year	No. of Projects done
1	2011-12	01
2	2012-13	02
3	2013-14	02
4	2014-15	02
5	2015-16	02

19. Awards / recognitions received at the national and international level by

- o Faculty: NIL
- o Students:
- ➤ P.Ganga Bhavani got state first in History for three years in 2014.
- ➤ Three students B.Kusa Raju, A.Chandrasekhar Reddy, Ranjith of B.A. students with History combination got Pratibha awards for highest marks in Adikavi Nannaya University level given by Government of Andhra Pradesh.

20. Seminars/Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any:

➤ Two day National Seminar on "National Integration: Emerging Trends in Socialization" on 28th and 29th, November, 2016.

21. Student profile course-wise: to be changed to History

iddent profile course-wise, to be changed to History						
Name	Academi	Sanctione	Applicat	Selected	Pass	
of the	c Year	d Strength	ion		percentage	
Course			Receive			
			d			
Histor	2011-14	140			96.11	
y						
	2012-15	140	180	110	98.66	
	2013-16	140	167	111	97.38	
	2014.15	1.40	150	100		
	2014-17	140	159	120		
	2015-18	140	122	84		
	2016-19	140	162	112		
			, <u> </u>			

- 22. Diversity of Students: NIL
- 23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

UG to PG	10%
PG to Ph. D	-
Ph. D To Post-Doctoral	-
Employed	-
Campus Selection	-
Other than campus recruitment	-
Entrepreneurs	-

25. Diversity of staff:

Percentage of faculty who are	
graduates	
Of the same parent university	100%
From other universities within a	
state	
From other universities from other	
states	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

➤ Pursuing Ph.D. in Acharya Nagarjuna University, Guntur under the guidance of Prof. G. Somasekhar, Ongole P.G. Center "Socio Economic conditions under British rule with special reference to Rajamahendravaram" from 2012.

27. Present details about infrastructural facilities

Library: Departmental Library
 Internet facilities for staff and students:
 Total number of class rooms:
 Class rooms with ICT facility:
 Students' laboratories:
 NIL
 Research laboratories:
 NIL

28. Number of students of the department getting financial assistance from College:

➤ Some poor students getting financial assistance from poor boys fund, meritorious students are getting financial assistance through endowment prizes and more than 80% of students getting scholarships from State Government.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology:

> NA

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- ➤ In the BOS meeting faculty gave their opinions about the curriculum and teaching learning and evaluation process. Their suggestions are taken in to consideration for designing curriculum.
- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- > Centralized feedback system is existing in the college.
- c. Alumni and employers on the programmes and what is the response of the department to the same?
- > Yes

31. List the distinguished alumni of the department (maximum 10)

- ➤ Late. GMC Balayogi Former Speaker of India
- > Sri. P. Bhaskarachari
- > Sri Boddu Bhaskara Rama Rao, MLC (Present)
- > Smt. Madhuri Annapurna, freedom fighter
- > Sri S. V. Ranga Rao, Cinema Actor
- > Sri Rao Gopala Rao, Cinema Actor etc.,

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S.	Academic		_	Names and Address of
No.	year	Dates	Activity	the Guests
110.	year			the Guests
1	2011-12		Museum visit	Students & Staff
2	2012-13		Guest Lecturer	M.Pusponjali, Lecturer in History, G.D.C., Sithanagaram.
3	2013-14	24-10- 13	U.N.O. Day	Dr. D. Satyanarayana, Principal, P.S. Raju Law College, Kakinada
4	2013-14	11-11- 13	Education Day Celebrations	Dr.B.Venkata Rao,Asst.professor, MSN P.G.Center, kkd
5	2013-14	18-3-14	Two days educational Tour	Students and Staff
6	2014-15	14-8- 2014	Guest Lecturer	Sri V.Suryanarayana, GDC, Tuni.
7	2015-16	Dec., 2015	Museum visit	Students & Staff
8	2016-17	16-8- 2016	Freedom movement in Kakinada	Dr. P.Krishna Murty, Dy Director, State Archieves, Hyd.
9	2016-17	27-9-16	Seventy years Independence day	Dr. B.Raja Rao, Principal, GDC, Sithanagaram.

33. List the teaching methods adopted by the faculty for different programmes:

> Conventional and Use of ICT

- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored:
 - > Through continuous comprehensive evaluation method, semester end examinations and student progression.
- 35. Highlight the participation of students and faculty in extension activities.

S. No.	Academic Year	Extension Activity	No. of students participated	No. of faculty members participated
1	2012-13	Visit to differently abled schools	30	03
2	2015-16	Participated and explained the Historical places in E.G.Dt. in collaboration in INTACH at Beach Festival in Kakinada	07	01
3	2015-16	Participated in Heritage Rally organized by INTACH under the leadership of District collector.	05	03
4	2016-17	Participated in one day workshop organized by INTACH on "Preservation and Protection of Heritage and Culture" on 19-8- 2016	10	02

- 36. Give details of "beyond syllabus scholarly activities" of the department:
 - ➤ Guidance to competitive examinations, encouraging the students to protect our heritage and culture.
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details:

> NA

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths of the Department:

Museum, Results, Getting of Pratibha Awards

Weaknesses of the Department:

> Joining of Non History students

Opportunities of the Department:

- ➤ History has the major role in the competitive examinations.
- ➤ In East Godavari district there are many places of historical importance and hence archaeology and tourism courses can be helpful to get self employability.

Challenges of the department

> Conducting of the field trips

39. Future plans of the department.

- A historical museum will be established in the college by collecting archives of Buddhism and Jainism and by taking support from INTACH.
- ➤ With the help of Zoomex Scanner important books of history will be scanned and maintained digitalized audios for the benefit of Visually challenged students.

Evaluative Report

Political Science

- 1. Name of the Department & its year of establishment:
 - ➤ Political Science-1935
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate Courses:

- ➤ BA-History, Economics, Politics (Both Telugu & English Medium)
- ➤ BA-Special English, Economics, Politics (English Medium Only)
- ➤ BA-Special Telugu, History, Politics (Telugu Medium Only)
- ➤ BA-History, Economics, Philosophy (Telugu Medium Only)
- 3. Interdisciplinary courses and departments involved:
- 4. Annual/semester/choice based credit system:
 - ➤ Choice Based Credit System (CBCS)
- 5. Participation of the department in the courses offered by other departments:
 - > NIL
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors / Lecturer	3	1(Regular),01(Guest)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	Experience as lecturer
1	PVV. Satyanarayana	M.A., M.Phil.,	Lecturer	International Politics	6 Years
2	G. Nageswara Rao	M.A.	Guest faculty		4 years

8. Percentage of classes taken by temporary faculty – programme-wise information

S. No.		Percentage of classes taken by temporary faculty
]	NIL

9. Programme-wise Student Teacher Ratio

S. No.	Programme	Student Teacher Ration
1	B.A.	1:125

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

NIL

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Name	Ongoing Project	Title	Funding Agency	Grant sanctioned in Rupees
		NIL		III Rapees

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

NIL

- 13. Research facility / centre with
 - > state recognition: NIL
 - > national recognition: NIL
 - > international recognition: NIL
- 14. Publications:

NIL

15. Details of patents and income generated:

NII

16. Areas of consultancy and income generated:

NIL

17. Faculty recharging strategies:

Name of the Faculty	No. of Orienta tion Courses	No. of Refreshe r Courses	No. of National Seminars	No. of Internation al Seminars	No. of Worksh ops
K. Narasimha Rao	01	02	-	-	02
PVV. Satyanaraya na	01	01	02	-	02

18. Student projects

• Percentage of students who have done in-house projects including inter-departmental

S. No.	Academic Year	No. of Projects done
1	2009-10	04
2	2010-11	02
3	2011-12	06
4	2012-13	10
5	2013-14	12
6	2014-15	20

19. Awards / recognitions received at the national and international level by

- o Faculty: NIL
- o Students:
- ➤ Surya Bhavani got state first for three years total marks in political science in 2015.
- Four students B. Kusa Raju, A. Chandrasekhar Reddy, Ranjith and V.M. Madhuri of B.A. students with Political Science combination got Pratibha awards for highest marks in Adi kavi Nannaya university level given by Government of Andhra Pradesh.
- 20. Seminars/Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any:
 - Two day National Seminar on "National Integration: Emerging Trends in Socialization" on 28th and 29th, November, 2016.

21. Student profile course-wise:

Name of the	Academic	Sanction	Applicatio	Selec	Pass
Course	Year	ed	n	ted	perce
		Strength	Received		ntage
B.A.	2012-13	140	209	85	96%
	2013-14	140	158	110	92%
	2014-15	140	164	114	96%
	2015-16	140	133	91	92%
	2016-17	110	169	118	

22. Diversity of Students:

100% from the same state.

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? ---

24. Student progression

UG to PG	15
PG to Ph. D	-
Ph. D To Post-Doctoral	-
Employed	-
Campus Selection	-
Other than campus recruitment	-
Entrepreneurs	-

25. Diversity of staff:

Percentage of faculty who are graduates	
Of the same parent university	50%
From other universities within a	
state	
From other universities from	50%
other states	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

NIL

27. Present details about infrastructural facilities

➤ Library: Departmental Library

> Internet facilities for staff and students: Yes

> Total number of class rooms: 06

➤ Class rooms with ICT facility: 01

> Students' laboratories: NIL

> Research laboratories: NIL

28. Number of students of the department getting financial assistance from College.

➤ Government Scholarships, Pratibha awards, Poor boys fund and Endowment prizes.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology:

NIL

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- Yes, feedback is obtained through discussions at the time of BOS meeting and considered their suggestion in framing curriculum.
- b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
- ➤ Yes, the student members in BOS give their ideas for improvement of the curriculum and the centralized feedback system is existing in the college.
- c. Alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10)

- Late. GMC Balayogi Former Speaker of India
- > Sri. P. Bhaskarachari
- Sri. Alluri Seeta Rama Raju
- Sri Boddu Bhaskara Rama Rao, MLC (Present)
- > Sri Madhuri Annapurna, freedom fighter
- > Sri S. V. Ranga Rao, Cinema Actor
- Sri Rao Gopala Rao, Cinema Actor
- > Sri R.Appaji, Chief of Reporters Andhra Pradesh, The Hindu.

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

	A and arein			
S.	Academic	Dates	Activity	Names and Address of the
No.	year			Guests
1	2014-15	23.08.2014	Guest Lecturer	Smt. M. Vijaya Lakshmi, Joint Secretary, Maha Rushi Sambamurthy Institute of Social and Development
2	2014-15	20.09.2014	Guest Lecturer	Sri. K. Siva Sankar, II Additional Civil Judge, Kakinada Sri. K. Satyanarayana, Additional SP, Kakinada
3	2014-15	04.12.2014	Seminar	Prof. K. Krishna Babu, Rangaraya Medical College, Kakinada
4	2015-16	10.12.2014	Guest Lecturer	Dr. Allapati Srinivasu JNTU, Kakinada
5	2015-16	02.10.2015	Guest Lecturer	Sri. Murali Sankar, Journalist-The Hindu, Kakinada
6	2015-16	26.11.2015	Guest Lecturer	Dr. Allapati Srinivasu JNTU, Kakinada
7	2015-16	10.12.2015	Guest Lecturer	Dr. Murali Krishna, Dy. Superintendent, GGH, Kakinada
8	2016-17	16.08.2016	Guest Lecturer	Dr. P. Krishna Murthy, Dy. Director (Retd.) State Archeries, Hyderabad.

- 33. List the teaching methods adopted by the faculty for different programmes:
 - Conventional and Use of ICT
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored:

 NIL
- 35. Highlight the participation of students and faculty in extension activities.

S. No.	Academic Year	Extension Activity	No. of students participated	No. of faculty members participated	Remarks
1	2014-15 08.09.2014	Awareness Programme on Traffic Rules	155	3	
2	2014-15	Voluntary	185	3	

	10.09.2014	Blood Donation Camp			
3	2014-15 17.10.2014	Campus Cleaning	175	3	
4	2014-15 17.10.2014	HUD HUD Cyclone relief fund collection	125	3	
5	2014-15 01.12.2015	AIDS Rally	200	3	
6	2015-16 25.01.2016	National Voters Day	250	3	
7	2015-16 20.08.2016	Donation to Cancer patient	25	3	

36. Give details of "beyond syllabus scholarly activities" of the department:

NIL

37. State whether the programme/ department is accredited/ graded by other agencies. Give details:

NA

- **38.** Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
 - A. Strengths of the Department:
 - > Guidance given to the students for competitive examinations
 - > Guidance for further education
 - ➤ Inculcating community service morale among the students
 - **B.** Weaknesses of the Department:
 - ➤ Student Teacher Ration in higher at 1:125
 - ➤ Faculty has burden with heavy workload (54 Teaching hours for two faculty members
 - ➤ Backward in Research Contribution
 - **C.** Opportunities of the Department:
 - ➤ We have an opportunity to serve the down trodden sections of the society.
- 39. Future plans of the department.

Evaluative Report Philosophy Department

- 1. Name of the Department & its year of establishment:
 - > Philosophy(TM) 1936
- 2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):
 - ➤ HEP: History, Economics and Philosophy
- 3. Interdisciplinary courses and departments involved:
- 4. Annual/semester/choice based credit system:
 - ➤ Semester, Choice Based Credit System (CBCS)
- 5. Participation of the department in the courses offered by other departments:
- 6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors / Lecturer	01	01

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	Experience as lecturer
1	K. Anjaneyulu	M.A., NET.	Lecturer	Philosophy	20 Years

8. Percentage of classes taken by temporary faculty – programme-wise information

S. No.	Percentage of temporary facul	taken	by
	NIL		

9. Programme-wise Student Teacher Ratio

S. No.	Programme	Student Teacher Ration
1	B.A. H.E.Phil	60:1

- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: NIL
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Name	Ongoing Project	Title	Funding Agency	Grant sanctioned in Rupees
		NIL		

- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: NIL
- 13. Research facility / centre with

state recognition: NIL
 national recognition: NIL
 international recognition: NIL

14. Publications: NIL

- 15. Details of patents and income generated: NIL
- 16. Areas of consultancy and income generated: NIL
- 17. Faculty recharging strategies:

,						
Name of	No. of	No. of	No. of	No. of	No. of	
the Faculty	Orientation	Refresher	National	International	Workshops	
	Courses	Courses	Seminars	Seminars		
K.	01	01	03	01	02	
Anjaneyulu	01	01	03	01	02	

18. Student projects

> Percentage of students who have done in-house projects including inter-departmental

S. No.	Academic Year	No. of Projects done
1	2009-10	
2	2010-11	07
3	2011-12	06
4	2012-13	07
5	2013-14	10
6	2014-15	10

19. Awards / recognitions received at the national and international level by

Faculty: NILStudents: NIL

20. Seminars/Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any:

Two day National Seminar on "National Integration: Emerging Trends in Socialization" on 28th and 29th, November, 2016.

21. Student profile course-wise:

Name of the Course	Academic Year	Sanctione d Strength	Application Received	Selecte d	Pass perce ntage
B.A. HEPHIL	2016-17	20	25	20	85%
	2015-16	20	20	12	90%
	2014-15	20	20	25	90%
	2013-14	20	20	20	95%
	2012-13	20	20	20	80%

22. Diversity of Students:

Percentage of faculty who are graduates	
Of the same parent university	100%
From other universities within a state	
From other universities from other	
states	

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

5
3

25. Diversity of staff:

Percentage of faculty who are graduates	01
Of the same parent university	Andhra University
From other universities within a state	-
From other universities from other states	-

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

27. Present details about infrastructural facilities

➤ Library: Departmental Library

\triangleright	Internet facilities for staff and students:	Yes
\triangleright	Total number of class rooms:	03
\triangleright	Class rooms with ICT facility:	01
\triangleright	Students' laboratories:	NIL
	Research laboratories:	NIL

- 28. Number of students of the department getting financial assistance from College:
 - ➤ Eligible students are getting financial assistance from the college through poor boys fund, endowment prizes and as scholarships from the State Government.
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology: NIL
- 30. Does the department obtain feedback from
 - **a.** Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - Faculty members express their view about the curriculum and teaching-learning evaluation in BOS meeting.
 - b. Students on staff, curriculum as well as teaching-learningevaluation and what is the response of the department to the same?
 - ➤ Centralized feedback system is followed in the college. It will help the staff for further development.
 - c. Alumni and employers on the programmes and what is the response of the department to the same?
- 31. List the distinguished alumni of the department (maximum 10)
 - ➤ Late. GMC Balayogi Former Speaker
 - > Sri. P. Bhaskarachari
 - Sri Boddu Bhaskara Rama Rao, MLC (Present)
 - > Smt. Madhuri Annapurna, freedom fighter
 - > Sri S.V. Ranga Rao, Cinema Actor
 - > Sri Rao Gopala Rao, Cinema Actor etc.,
- **32.** Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No.	Academic year	Dates	Activity	Names and Address of the Guests
1	2015-16	Class Seminars Conducted		

- 33. List the teaching methods adopted by the faculty for different programmes:
 - > Conventional and use of ICT
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored: NIL

35. Highlight the participation of students and faculty in extension activities.

S. No.	Academic Year	Extension Activity	No. of students participated	No. of faculty members participated	Remarks
1	2015-16	Nursery Visit	20	1	
2	2015-16	Intact participating	20	1	
3	2015-16	Conducting Alluri Jayanthi	20	1	
4	2015-16	Conducting Potti Sri Ramulu Jayanthi	20	1	
5	2016-17	Guest Lecturer by Arts	20	1	
6	2016-17	Collection of the amount for donation	20	1	

- 36. Give details of "beyond syllabus scholarly activities" of the department: NIL
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details: NA
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
 - ➤ Department has given guidance for further studies to conduct competitive classes for 3rd year students
 - > Conducting community services
- 39. Future plans of the department.

ACTION TAKEN REPORT

The college had gone for the first accreditation in 2003 and was awarded B++ grade. It went for the second accreditation in October, 2011 and was accredited at 'B' grade with a CGPA of 2.78. The Peer Team of Second NAAC Accreditation Team comprised of Prof.Sunil Gupta (Former Vice Chancellor of Himachal Pradesh University, Department of commerce, Himalchal Pradesh University, Shimla), Chairman, Prof.K.A.RAveesha (Chairman, Dept. of studies in Botany, University of Mysore, Manassagangothri, Mysore, Karnataka), Member Co-ordinator, Prof.Ashok Sharma (Dept. of Public Administration, University of Rajasthan, Jaipur), member and Dr.M.M.D.Boominathan (Principal retd., Bishop Heber College (A), Trichy), member. This team made the following recommendations which have been duly complied with.

1. Recommendation: More P.G. courses to be started especially in Science.

- ➤ M.Sc. Mathematics course is started in 2014-15
- ➤ M.Sc. Zoology courses is started in 2015-16
- ➤ M.Sc. Physics is sanctioned and it will be started in 2017-18

2. Recommendation: Introduction of more job-oriented courses

➤ The college introduced three B. Voc courses and one community college course to impart skill oriented education with involvement of the industry to make the students industry - ready.

UGC Assisted Courses: (XII Plan)/B. Voc and Community College

S.	Programme	Year of introduction
No.		
1	B. Voc. Commercial Aqua Culture	2014-15
2	B. Voc Retail Management	2014-15
3	B. Voc Web Technology and multimedia	2015-16
4	Community College Course Analytical Techniques in Pharmaceuticals	2015-16

Tata Institute of Social Sciences, Mumbai and JKC are jointly organizing an add on course to impart various skills (Communication, Entrepreneurship, Youth leadership, Legal

awareness, Financial literacy and Technical skills.) 258 students are enrolled for this skill orientation course.

AP State Skill Development Corporation programmes:

S.No.	Programme	Year of
		introduction
1	Certificate course in Cyber	2015-16
	security	
2	Certificate course in Data	2015-16
	Analytics	

Andhra Pradesh State Skill Development Corporation (APSSDC) introduced Cyber security and Data Analytics which are highly employable courses are also being organized. The College entered into anMoU with NASSCOM for imparting training for these programmes.

Certificate Courses:

- > Solar power design and system integration
- > Environmental Audit
- ➤ Share Markets & Investments
- ➤ Retail Management
- > Diploma in Computer Applications
- Certificate in SPSS

3. Recommendation: Use of ICT in teaching-learning be enhanced

- As a part of the CBCS pattern commenced since 2014-2015 academic year, LCDs', Science and Computer laboratories are optimally utilized for instruction of both General and discipline centric electives.
- ➤ Three KYON units, 8 LCD units with peripherals and 2 interactive smart boards were purchased with U.G.C. funds for effective and quality teaching learning process.

4. Recommendation: Available land should be utilized for further development of infrastructure including outdoor stadium

- ➤ A new block with 40 class rooms will be added to the college by next academic year, 2017-2018.
- ➤ Indoor stadium was constructed in western part of the college campus and a running track (an out-door stadium) was made in open ground adjacent to indoor stadium with the funds from U.G.C.

➤ Sri B.V.R. Mohana Reddy, M.D. of CYIENT, Chairman — NASSCOM and an alumnus of the college contributed Rs.22 lakhs to built an open air auditorium. With an approval in the 16th Governing Body meeting of the college, alumni association of the college taken up the construction of the same by collecting some more funds from other old students of the college. This structure is taking a nice shape in a space next to indoor stadium.

5. Recommendation: Faculty should increase their research publication output

The faculty members are publishing their research work in National/International journals. Number of research papers published in National/International journals from 2011-12 to till date is 70. In addition to that the staff members are presenting papers in National and International seminars organised in different universities and institutions. The students are also presenting papers in Regional/National seminars organised in different institutions. The major and minor research projects are under taken by the staff members. Also the students are doing study projects.

6. Recommendation: Teachers should be encouraged to take major research activities.

13 staff members got their Ph.D. degrees from different universities during the period from 2011-12 to 2016-17.

7. Recommendation: Faculty members should try to take major research projects from UGC and other funding agencies.

Some of the staff members are applied for major research projects to UGC.

8. Recommendation: Faculty should be encouraged to attend more training programmes to update knowledge.

S.No.	Staff Development programmes	No. of
		Faculty
		attended
1	Orientation Courses (O.C.) at UGC-	16
	ASCs	
2	Refresher Courses (R.C.) at UGC-ASCs	19
3	Staff development programmes outside	40
	the college	
4	Staff development programmes within	120
	the college	

5	Other training programmes outside the	15
	college	

9. Recommendation: college should try to bring the science labs situated in second campus to the main campus.

A new block with 40 class rooms will be added to the college by next academic year, 2017-2018. Then the labs situated in the second campus will bring to the main campus.

10. Recommendation: Library should be fully computerised.

- ➤ Library is fully automated with SOUL Software purchased with Rs.20,000/- (aegis INFLIBNET, Ahmedabad). The issue return process of books is operated with 2 bar code readers. For book transactions bar codes on the identity cards issued to students and also on books are scanned. Total number of computers for public access: 19 systems
- > Total number of printers for public access : 01 printer
- ➤ Internet band width speed 2 mbps/10 mbps/1GB : 20 MBPS
- > Institutional Repository : Annual calendars and Magazines
- > and also other in-house publications are deposited in library.
- > Content management system for e-learning:
- ➤ Participation in Resource sharing networks/consortia (like Inflibnet)

11. Recommendation: Management Information System (MIS) be used for all activities of institution and college needs government support for this purpose

➤ Web design and development (online application) is given to 3One Technologies, AP India

Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Kakinada

Date: 23/3/17

Signature of the Head of the 3/3

Institution with seal

Dr. KRISHNA CHAPPIDI

M.Sc.Tech., N.E.T., P.G.D.C.A., Ph.D.,

PRINCIPAL

PITHAPUR RAJAH'S GOVT. COLLEGE (AUTONOMOUS) - KAKINADA - 533 001

East Godavari Dist., A.P.

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that <u>Pithapur Rajah's Government College (Autonomous)</u>, <u>Kakinada</u> fulfils all norms

- 1. Stipulated by the affiliating University and/or
- Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
- 3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Place: Kakinada

Date ! 23/3/17

Signature of the Head of the Institution with seal

M.Sc.Tech., N.E.T., P.G.D.C.A., Ph.D.,

PRINCIPAL

PITHAPUR RAJAH'S GOVT. COLLEGE (AUTONOMOUS) - KAKINADA - 533 001

East Godavari Dist., A.P.





Pithapur Rajah's Government College Autonomous & NAAC Re-Accredited Institution (B-Grade with 2.78 CGPA)

KAKINADA - 533 001, Ph : 0884-2387888 Email : kakinada.jkc@gmail.com, Website : www.prgc.ac.in