Dr. LANKAPALLI BULLAYYA COLLEGE
VISAKHAPATNAM – 13.

RE-ACCREDITATION REPORT

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
BENGALURU – 560 072, INDIA

JULY, 2015

Dr.Lankapalli Bullayya College, #52-14-75, Resapuvanipalem, Visakhapatnam – 13.

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PREFACE

Dr.Lankapalli Bullayya College was established 42 years ago in the year 1973 with a sole purpose to serve the generations with a tool called Education and without a motive called profit. For the purpose, eminent men from different walks of life joined hands and registered a body called "The Society for Collegiate Education". This body started a College in memory of Dr.Lankapalli Bullayya, an eminent educationalist and former Vice – Chancellor of Andhra University, Visakhapatnam. The College being affiliated to Andhra University made a beginning with 100 students in B.Com., programme and it has grown to the present level over a period of time. At present, 2675 students are pursuing courses of study at Under Graduate and Post Graduate levels. 14 Courses at Under Graduate level and 11 Courses at Post Graduate level are offered in the College with the support of 178teachers. It is a co-education institution with 858 girl students on rolls.

The infrastructure facilities of the College have also been developed to match the requirements of growth. The College is centrally located in the city in an area of 10 acres of land with built up area of 10,500 square metres. Adequate number of class rooms, fully equipped laboratories, enriched and computerized library, air conditioned Seminar Halls, other advanced teaching aids and sports facilities are the valued possessions of the College.

The College Management also has a perspective planning for future growth on the lines of schools for various disciplines. The College Staff and Management have been working keeping in mind the changing technological and social trends for the development of younger generations.

Executive Summary

Dr. Lankapalli Bullayya College, affiliated to Andhra University has been in existence for more than four decades. The college offers a wide range of programs at U.G and P.G level admitting students within the framework laid by the University and with due consideration to national commitment on diversity and inclusion. The college is governed by the Society for collegiate education under the dynamic leadership with academic and business background.

Effective implementation of curriculum is ensured through qualified and experienced teachers supported by adequate and furnished classrooms, well equipped libraries and laboratories. Pedagogy is planned ahead of the academic year and the performance is evaluated in a structured manner periodically. Initiatives to improve effectiveness in teaching are in progress catering to the diverse needs of slow, advanced learners and the marginalized. Innovative teaching practices are in vogue by using technology like LCD Projectors, Internet and all ICT tools. Extensive use of technology for online tests and online feedback mechanism has enabled paper conservation to a remarkable extent. Research centers are set up to promote research activity in both science and management streams headed by teams of academicians. Efforts to enrich curriculum are continually on through add-on programs initiated by various departments adjunct to regular curriculum. Sensitization of students on gender, environment, human rights issues aimed at holistic development with a focus on nurturing critical, creative thinking and oratory skills through clubs, forums , workshops, field trips and seminars is in

practice. Social responsibility and good citizenry through community service is promoted to inculcate compassion among students. Students are also encouraged to participate in curricular, extra-curricular and co-curricular activities. The College is reputed for shaping the sports profile of the state by producing many stalwarts in sports of State and National repute, while the three wings of the National Cadet Corp (NCC) makes a disciplined support system for the nation to lean on in times of crises. The Institution assisted by IQAC strives to create quality awareness on campus by promoting new initiatives and measuring the outcome through reviews and feedback from stakeholders.

The Institution networks to bridge Industry - Academia gap. Institution entered MOU with some of the industrial houses and associations. Training programs suggested by these bodies and hands on experience provided by the SDC are held on the campus for both teachers and students to make the students placement ready. CGPC plays a pivotal role as an Interface between industry and institution .On-campus drives are organized in collaboration with MNC's and small and Medium Enterprises .

The College implements best practices to hone the skills of future professionals who will be part of "Make in India" while securing the welfare of the teaching fraternity.

B. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name: Dr. Lankapalli Bullayya College

Address: # 52-14-75, New Resapuvanipalem,

City : Visakhapatnam   Pin: 530013   State: Andhra Pradesh

Website: www.bullayyacollege.org

2. For Communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Sri. M.A.B. Kishore Reddy	O: 0891-2551198	9848367393	0891-2714423	kr19293949 @gmail.com
Steering Committee Co-ordinator	Dr.K.Satyanarayana	O: 0891-2790013 R: 0891-2552981	9441836198	0891-2714423	satyanarayana.kandukuri @gmail.com

3. Status of the Institution:
   Affiliated College   [✓]

   Constituent College   [ ]

   Any other (Specify)   [ ]

4. Type of Institution:
   a. By Gender
      i.   For Men   [ ]
      ii.   For Women   [ ]
      iii. Co-education   [✓]

   b. By Shift
      i.   Regular   [✓]
      ii.   Day   [ ]
      iii. Evening   [ ]

5. Is it a recognized Minority Institution

Yes ☐ No ☑

If yes specify the minority status (Religious / linguistic / any other) and provide documentary evidence.

Not Applicable

6. Source of funding:

Government ☐

Grant – in – aid (B.Com Partly) ☑

Self – financing (UG & PG courses ☑

Any other

7. a. Date of establishment of the College: **16/10/1973** (dd/mm/yyyy)

b. University to which the college is affiliated / or which governs the college (If it is a constituent college)

Andhra University, Visakhapatnam

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	27-10-1979	Nil
ii. 12 (B)	15-03-1977	Nil

(Enclose the Certificate of recognition u/s 2(f) and 12(B) of the UGC Act)

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

Under Section/clause	Recognition/Approval details Institution/Department/Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
1	B.Com 1973 CII(I)/9796 Dt: 30.12.1976 CII(I)4184/73 Dt:18.07.1977 B.Com(Addl.Sec) CII(Sup)/NDC/Pvt./2009-2010 dated: 24.08.2009	18-07-1977 24.08.2009	permanent	
2	B. A His / Eco / Pol 1988 CII(I)/4184/73, Dt: 14.10.1988	14.10.1988	permanent	
3	B.Sc Maths / Phy/Comp 1988 CII(I)/4184/73, Dt: 14.10.1988	14.10.1988	permanent	

4	Maths/Phy/Chem 1994 CII(3)/4184/73 Dt: 06.07.1994	06.07.1994	permanent	
5	Maths / Ele/Comp 1988 CII(4)/AFFL./98 Dt: 22.08.1998	22.08.1998	permanent	
6	Maths / Stat / Comp PRO.NO.25AU/APSCHE 2000/UG/CORS/SECY/2000 C8II(SUP)/UGADMN/2001/2002	17.06.2000	permanent	
7	Bio-tech,Zoo,Che PRO.NO.25AU/APSCHE 2000/UG/CORS/SECY/2000 CII(SUP)/UGADMN/2001/2002	17.06.2000	permanent	
8	Bio-tech,Bio-chem,Chem 2001 CII(SUP)/UG ADMN/2001/2002 17- AY/APSCHE/U.G.CORS/SECY./200 6 DT: 20.07.2006	23.06.2001	permanent	
9	Micro-bio,Bio-tech,Chem PROC.NO.46-APSCHE/UG.CORS 2002/SECY, Dt:01.07.2002 17- AY/APSCHE/U.G.CORS/SECY./200 6 DT: 20.07.2006	01.07.2002	permanent	
10	Botany,Bio-tech,Chem 2003 RC No.139.AU/APSCHE/UG COURSES.SEC/2003	14.06.2003	permanent	
11	Botany,Zoology,Chem Procdgs.No./29 AU/APSCHE/ U.G..CORS/SECY./2004 Dt: 30.06.2004	30.06.2004	permanent	
12	BBM 1992 CII(3)4184/73 Dt: 25.09.1992 BBM (Addl.Sec) CII(Sup)/NewUG Courses/Affln/2008-2009 dated 29.11.2008	25.09.1992	permanent	
13	B.A (His, Geo, Travel & Tourism) CII(Sup)/NDC/Pvt./2009-2010 dated: 24.08.2009	24.08.2009	permanent	
14	B.A (Pol, Spl.Tel. & Pub.Admn) C.II(SUP)/New UG Courses / Affln/2010-11 dt: 19.01.2011	19.01.2011	permanent	

15	M.A / M.Sc Mathematics CII (3)4184/73 dt: 19-10-1994	19-10-1994	To date	
16	MCA CII(3)4184/73, dt: 26-10-1994	26.10.1994	To date	
17	MBA G.O.MS.NO:255, Edn, Dt: 06-08-1994	06.08.1994	To date	
18	M.Sc Comp.Sc APSCHE/PG.Courses/19/secy,1981 dt: 24.08.1998	24.08.1998	To date	
19	M.A English APSCHE/PG.Courses/19/secy,1981 dt: 13.08.1999	13.08.1999	To date	
20	Microbiology APSCHE/PG.Courses/185, 2001 dt: 28.06.2001	28.06.2001	To date	
21	Biochemistry CII (S)/NPG/CONDL/AFFln/2002-03, dt: 05-07-2002	05.07.2002	To date	
22	Org.Chemistry APSCHE/PG/160/2003, dt: 14.06.2003	14.06.2003	To date	
23	Analy.Chemistry APSCHE/PG/AU-10/Secy,2005, dt:11.05.2005	11.05.2005	To date	
24	Biotechnology C-II(5)/NPG/Condl.Affl/2008-09, dt: 31.07.2008	31.07.2008	To date	
25	MHRM C-II(5)/NPG/Condl.Affl/2008-09, dt: 31.07.2008	31.07.2008	To date	

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes [✓]   No [   ]

9. Is the college recognized

   a. By UGC as a College with Potential for Excellence (CPE)?

   Yes [   ]   No [✓]

   If yes, date of recognition ………………… (dd/mm/yyyy)

b. For its performance by any other government agency?

Yes ☐ ✓   No ☐

If yes, Name of agency : **NAAC** and Date of Recognition: **31-03-2007**

(dd/mm/yyyy

10. Location of the campus and area in Sq.Mts:

Location*	Urban
Campus area in Sq.Mts	37,676.23
Built up area in sq.mts	14,379

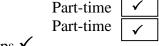(*Urban, Semi-urban, Rural, Tribal, Hilly area, any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium / Seminar complex with infrastructural facilities
- Sports facilities
    - o Play ground✓
    - o Swimming pool
    - o Gymnasium✓
- Hostel
    * Boys/ hostel
    - o Number of hostels
    - o Number of inmates
    - o Facilities (mention available facilities)
    * Girls Hostel
    - o Number of hostels
    - o Number of inmates
    - o Facilities (mention available facilities)
    *Working Women's hostel
    - o Number of inmates
    - o Facilities (mention available facilities)
- Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise)
- Cafeteria ✓
- Health centre – first aid, Inpatient, Outpatient, Emergency care facility, Ambulance … Health centre staff –

Qualified Doctor   Full Time ☐   Part-time ☐ ✓
Qualified Nurse   Full Time ☐   Part-time ☐ ✓

- Facilities like banking, post office, book shops ✓
- Transport facilities to cater to the needs of students and staff
- Animal house

- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage✓
- Solid waste management facility
- Waste water management
- Water harvesting ✓

12. Details of programmes offered by the college (give data for current academic year)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/approved Student strength	No. of students admitted
	Under-Graduate	B.Com, B.Sc, M.P.CS M.P.C M.E.CS M.S.CS BT,Zoo,Chem BT, BC,Chem MB.BT,Chem Bot,BT,Chem Bot,Zoo,Chem	3 yrs	Intermediate	Tel/Eng Eng	230 60 60 60 60 36 60 60 30 30	230 60 60 60 60 00 00 22 00 19
		B.A, HEP HGTT Pol,SPl.Tel.Pub.Admn				60 50 50	29 16 07
		BBM				90	74
	Post-Graduate	M.A, /M.Sc Maths	2 yrs	Graduation	Eng	40	41
		M.Sc Cs				40	24
		English Microbiology Biochemistry Org.Chem Ana.Chem Biotechnology MHRM MBA MCA				40 30 30 30 30 30 40 120 120	37 32 31 36 29 32 35 93 78

13. Does the college offer self – finance programmes?

Yes ☐ ✓ No ☐

If yes, how many? ☐ 24

14. New programmes introduced during the last five years if any?

Yes ☐ ✓ No ☐ Number ☐ 4

- B.A (Hisotry, Geography, Travel and Tourism Management) (2008)
- B.A (Spl.Telugu, Politics, Public Administration) (2010)
- M.Sc (Biotechnology) (2008)
- MHRM (2008).

15. List the departments: (respond if applicable only and do no list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, Regional Languages etc.,)

Particulars	UG	PG	Research
Science	11	7	1
Arts	7	1	-
Commerce	1	-	-
Any other not covered above (Management and Computer Applications)	1	2	1

16. Number of programmes offered under (Programme means a degree course like B.A, B.Sc, M.A., M.Com..)

a. Annual System (B.A., B.Sc, B.Com and BBM) ☐ 4

b. Semester system (M.A, M.Sc, MCA, MBA & MHRM) ☐ 5

c. Trisemester System ☐ -

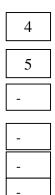**17.** Number of programmes with

a. Choice Based Credit System ☐ -

b. Inter / Multidisciplinary approach ☐ -

c. Any other (Specify and provide details) ☐ -

18. Does the college offer UG and / or PG programmesin Teacher Education?

Yes ☐ No ☐ ✓

If yes,

a. Year of Introduction of the programme(s) …………….. (dd/mm/yyyy) and no.of batches that completed the programme.

b. NCTE recognition detials (if applicable)
   Notification No.: …………………….
   Date: …………………………. (dd/mm/yyyy)
   Validity: ………………………
c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?
   Yes [ ]   No [✓]

19. Does the college offer UG and / or PG programmesin Teacher Education?
   Yes [ ]   No [✓]
   If yes,
   a. Year of Introduction of the programme(s) …………….. (dd/mm/yyyy) and no.of batches that completed the programme.
   b. NCTE recognition detials (if applicable)
      Notification No.: …………………….
      Date: …………………………. (dd/mm/yyyy)
      Validity: ………………………
   c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?
      Yes [ ]   No [✓]

20. Number of teaching and non-teaching positions in the institution

Positions	Teaching Faculty						Non-Teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government Recruited	02	Nil	02	03	60	92	26	8	02	-
Yet to Recruit	--	--	--	--	--	--	--	--	--	--
Sanctioned by the Management / Society or other authorized bodies recruited	--	--	--	--	--	--	--	--	--	--
Yet to recruit										

*M – Male   *F – Female

21. Qualifications of the Teaching staff:

Highest Qualifications	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc. / D.Litt							
Ph.D.,	2	-	1	2	3	9	17
M.Phil	-	-	1	1	12	20	34
PG	2	-	2	3	45	63	108
Temporary Teachers							
Ph.D.							
M.Phil							
PG							
Part-time Teachers							
Ph.D.							
M.Phil							
PG							

22. Number of Visiting Faculty / Guest Faculty engaged with the college | - |
.

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year - 1 2011 - 12		Year - 2 2012 - 13		Year - 3 2013 - 14		Year - 4 2014 - 15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	167	92	158	52	212	23	205	25
ST	81	37	34	22	50	14	54	9
OBC	684	397	754	221	846	134	1233	716
General	708	474	346	124	252	148	292	125
Others	35	21	22	15	25	12	15	8

24. Details on students enrolment in the college during the current academic year:

Type of students	UG	PG	M.Phil	Ph.D	Total
Students from the same state where the college is located	1461	1036	-	-	2497
Students from other states of India	175	03	-	-	178
NRI students	Nil	Nil	-	-	-
Foreign Students	Nil	Nil	-	-	-
Total	1636	1039	-	-	2675

25. Dropout rate in UG and PG (average of the last two batches)

UG | 12.7% | PG | 5% |

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

    (a) Including the salary component | Rs. 19,001/- |

    (b) Excluding the salary component | Rs. 3,754/- |

27. Does the college offer any programme/s in distance education mode (DEP)?

    Yes ☐   No ☑

If yes,

  a. Is it a registered centre for offering distance education programmes of another University   Yes ☐ No ☑

  b. Name of the University which has granted such registration.

       | -- |

  c. Number of programmes offered   ☐

  d. Programmes carry the recognition of the Distance Education Council

    Yes ☐   No ☑

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

Course	Teacher	Student	Ratio
B.Com	17	727	1 : 42
B.Sc	36	786	1:22
B.A	9	159	1:18
BBM	15	152	1:11
M.Sc	28	443	1:16
M.A	4	73	1:18
MBA	10	209	1:15
MCA	12	185	1:15
MHRM	4	76	1:19

29. Is the college applying for

Accreditation: Cycle 1 ☐   Cycle 2 ☑   Cycle 3 ☐   Cycle 4 ☐

Re-Assessment: ☐

(Cycle 1 refers to first accreditation and Cycle2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation*(applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)
Cycle 1: **31/03/2007** (dd/mm/yyyy) Accreditation outcome / Result: **Grade - B**.
Cycle 2: ……….. (dd/mm/yyyy) Accreditation outcome / Result …….
Cycle 3: ……….. (dd/mm/yyyy) Accreditation outcome / Result …….
Cycle 4: ……….. (dd/mm/yyyy) Accreditation outcome / Result …….
  - Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year :

| 235 |

32. Number of teaching days during the last academic year:

| 178 |

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC): **01/10/2007**

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.
AQAR (i) **09/07/2008** (dd/mm/yyyy)
AQAR (ii) **29.04.2009** (dd/mm/yyyy)
AQAR (iii) **31.03.2010** (dd/mm/yyyy)
AQAR (iv) **31.03.2011** (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include.
(Do not include explanatory / descriptive information)

Criterion I:
CURRICULAR ASPECTS

Dr. Lankapalli Bullayya College is affiliated to Andhra University and follows the curriculum prescribed by it. In addition, in line with the stated vision and mission, the institution developed few programmes as part of curriculum enrichment. The curriculum enrichment programmes give value addition and competitive edge to students. Value addition includes training in Domain skills, Employable skills, and Social skills.

The institution offers wide range of academic programmes at U.G and P.G levels to suit diverse needs. Students have the flexibility to choose from the bunch of options. At U.G level the college offers:

B.A, B.Com, BBM, B.Sc

At P.G level the college offers:

MA, MSc, MHRM, MBA, MCA.

Students have the flexibility in selecting the programmes of their choice. The focus of this criterion is captured in the items noted below.

CURRICULAR PLANNING AND IMPLEMENTATION:

Deans and HOD's play an active role in curriculum planning and implementation as per the Guidelines and mandates given by the management.. Action plans are customized i.e Department-specific .While following the University syllabus few courses are designed to enrich the curriculum so that students get the best.

Vision Statement:

To serve the student community by imparting education imbibed with human values leading to holistic development of individuals while transmitting knowledge and enhancing skills to help them reach the upper echelons in life and contribute for the betterment of society.

Mission Statement:

To ensure academic environment for the growth of teachers and students to facilitate smooth and qualitative conduct of teaching and learning that empowers students with contemporary knowledge and skills providing them with competitive edge in relevant study programs to meet the needs of the society.

Strategies:

The institution's vision and mission, are displayed at prominent places on the campus, on the college web site, hand books published by departments.

A wide range of programmes of study are offered and the students have a choice to choose a programme of their interest from a big basket. The institution caters to the needs of students from socially and economically weaker sections of the society by keeping the fee structure reasonably low and offering scholarships / fee concessions. Teachers have adequate academic freedom to make teaching and learning more productive. Teachers are

encouraged to enrich their knowledge with the help of various co-curricular programmes.

Specific strategies with focus on curriculum enrichment, teaching and learning are practiced.

1. To strengthen students with knowledge in core subjects by giving importance to teach the basic concepts, Principles & applications and also to update the students with all the relevant advances in their subjects.

2. To enrich the students with extra inputs and skills to improve their abilities and to give them a competitive edge over others by designing and developing additional programmes that make students globally competent.

ACTION PLANS FOR EFFECTIVE TEACHING:

Teachers are involved in designing the teaching and learning action plans to make them acceptable for implementation. To ensure effective implementation of plans, few steps are put in place. They are Academic plans, teaching notes, teaching diaries and activities files. The academic plans are prepared by teachers for their respective subjects in the beginning of the year. Date wise teaching diaries are also prepared by teachers showing the actual classes conducted. This helps to monitor the compliance of academic plans. Teaching notes help to monitor the quality of content delivered in classes. Teachers are encouraged to complete syllabus within the scheduled time so that sufficient time is available for revision and preparation for examinations. During teaching more emphasis is laid on basics, concepts and principles and applications relating to subjects taught citing real world examples and live case studies. Technological Infrastructure like LCD's, Internet are also made available to teachers for class room work. Teachers are supported with resources to conduct/participate in seminars and workshops.

SUPPORT TO ACHIEVE CURRICULAR OBJECTIVES:

The University prescribes the syllabus and pedagogy to follow. The institution works to achieve the objectives of the curriculum primarily by recruiting qualified and competent teachers through transparent recruitment procedure. Deans extend timely guidance to teachers and support them in their work – scheduling the class work, exams, and evaluation. Etc.

The Institution also provides Infrastructure facilities such as class rooms, labs, libraries, furniture and teaching aids. Teaching is strengthened through provision of teaching aids and IT infrastructure. The libraries are well stacked with books and journals. The labs are well equipped with equipment, tools, components and consumables to help teachers deliver better goods.

EFFECTIVE CURRICULUM DELIVERY AND TRANSACTION:

The institution contributes to the effective curriculum delivery and transaction by providing necessary teaching aids like OHPs, LEDs, digital class rooms, data based libraries and seminars handled by well qualified and experienced faculty members who constantly update their knowledge base by attending

Seminars / Workshops conducted in Universities / Other Colleges in latest Developments / Trends in Science and Technology and thus enjoy academic Freedom.

INSTITUTIONS INTERFACE WITH OUTSIDE AGENCIES:
The institution networks with industry through the Career Guidance and Placement Cell (CGPC) on our campus. The activities of CGPC are aimed at bridging the gap between the institution and the industry and it facilitates interaction with industry on sharing knowledge and experience. Students are exposed to industry environment by organizing industrial visits. Industry functionaries are invited to the campus to interact with students. Such meetings help to prepare the institution to match industry expectations by training the students in the areas required by them. For the purpose of training the students in domain skills the faculty members of the respective departments and Skill Development Centre in coordination play a vital role. SDC has been training students in employable skills and making them job ready to attend placement drives.

CONTRIBUTION BY THE TEACHERS DEVELOPMENT OF UNIVERSITY CURRICULUM:
Two senior teachers from the departments of Commerce and Biochemistry have been appointed by Andhra University as Chair persons of Board of Studies of respective departments. One of them is actively involved in the modification of the curriculum of Bio-chemistry at U.G level currently in use.

DESIGN, DEVELOPMENT & PLANNING OF ADD-ONS:
To make the students competent globally the Institution developed curriculum Add-on Programmes which add value to course. These programmes help students with better employable skills, success at social life and career growth. Some of the programmes are implemented. Few are planned for implementation from the academic year 2015 – 16.

Need for Assessment: CGPC interacts with employers who visit the campus for placement drives to understand their expectations from students and collect feedback on the performance of our students. Requests from students and feedback from our old students (Alumni) also helped us to consider the add-ons as the need of the students. Thus the teachers in the institution, as part of curriculum enrichment, have developed 16 add-on programmes for extra knowledge / skills in core subjects. The programmes are detailed at 1.2.5.

Design: Skill Development Centre (SDC) offers Add-on programme on the campus and works in coordination with CGPC to understand industry perspectives and plans programmes to suit industry requirements.

Development: Add-on programmes content and delivery are developed by senior teachers while interacting with University Professors, Industry experts and observation of changes that are visible outside the campus. We also entered into MOUs with NASSCOM and Tally Inc., to train our students in the required skills.

Planning: Power Point Presentations / soft copy / hard copy of study materials are prepared and distributed to students. On completion of the programme, students are assessed basing on Tests, Lab Examinations and Viva-voce. Certificates issued basing on attendance and marks obtained..

The Departments have a set of norms prescribed for design, development and implementation of Add-on programmes.

ACHIEVEMENT OF CURRICULUM OBJECTVES:

The institution ensures the effective implementation of curriculum by organizing the required resources, monitoring the implementation, evaluation and feedback.

Teaching objectives for courses are prepared and teaching is delivered in tune with the objectives. For wider and deeper understanding of the courses, co-curricular programmes are conducted. Such as – Seminars, Guest Lectures, Assignments, Field Trips, Mini projects.

Concerned Deans ensure effective implementation of plans by regularly monitoring the work and guiding the teachers whenever needed.

Student learning is assessed through interactions, weekend exams, midterm, Track exams and pre-final exams.

Feedback on the work is collected from students at the end of the year by IQAC.

The feedback so collected is shared with teachers for appreciation or Improvement. Management reviews the feedback and the teachers are advised accordingly.

ACADEMIC FLEXIBILITY OUTSIDE THE AFFILIATION FRAME:

Being affiliated to a University, the institution's ability to provide academic flexibility to students is limited. However, within the limits of the university prescribed norms, college offers a good number of subject combinations to students to choose from UG and PG.

The institution with the involvement of senior teachers on the campus and also with the help of some professional bodies from outside, such as Tally Inc and NASSCOM developed some useful programmes to make students globally competitive.

In addition outside the affiliation frame the institution offers a good number of certificate and Add-On programmes on knowledge and skills . These programmes aim to enhance students' levels of self confidence and self worth. The programmes are listed as below:

Department of Management

1. FINANCIAL DERIVATIVES

➢ To help students develop an understanding of financial derivative instruments and their applications to corporate strategy and risk management.

2. STRESS MANAGEMENT

➢ To understand what stress is
➢ To understand various factors causing stress
➢ To effectively overcome stress at work place

3. NEGOTIATIONS
- To understand the goals of negotiation.
- To understand the negotiations process
- To improve preparatory skills
- Use the skills to negotiate successfully towards WIN /WIN
- To improve the career through negotiation using logical communication.

4. TIME VALUE OF MONEY
- To make students understand that "A bird in hand is worth two in a bush"
- To make students understand the significance of simple and compound interests.
- To make students work on real time cases in calculating the simple interest, compounding interest and EMI calculations.
- To make students understand of discounting factors, annuity factors which provides them an insight into premium calculations
- To teach students of various other TVM related topics like doubling factor along with growth rate

5. INDIAN ACCOUNTING STANDARDS
- To make students understand India accounting standards.
- To give an insight to the students about disclosure of different things in financial statements.
- To make students understand the difference between USGAAP and IGAAP.

6. ABC OF ECONOMICS
- To introduce students to the basic Micro and Macroeconomic terms.
- To teach students the meaning of such basic Economic terms introduced.
- To familiarise students the usage of such economic words which are taught with relevance to real time business management.

7. LEGALITY AND BUSINESS ORGANISATION
- To introduce students to the different forms of business organisations
- To teach students the various ownership structures in business organisations
- To acquaint students to the legal structure conversion
- These objectives are prioritized by an organization and thorough analysis of business by SWOT analysis

Department of Computer Science (PG)
1. ORACLE
- Guiding the students to learn how to
- Create and maintain database objects.
- Store, retrieve and manipulate data
- Create PL / SQL Blocks of application code
- Prepare for Oracle exam, introduction of Oracle SQL & PL/SQL

2. .NET
- The objective of this course is to provide the student with an expertise in MS.Net Programming.
- The student can able to develop a project
- After successful completion of the course the student should be able to develop, design and maintain web-based enterprise applications effectively.
- Project configuration and deployment.

3. JAVA
- Write, Compile and execute java programs
- Understand fundamentals of Object Oriented Programming (OOP) features in java language features like encapsulation, inheritance and polymorphism
- Build robust applications using java Object-Oriented features
- Create robust application using java built-in / user-defined class libraries.
- Handling of errors like exception
- Read and write data using java streams
- Develop platform-independent console / graphical user interfaces (GUI) / Web Applications
- Store and Retrieve data from Relational Database with JDBC
- To know designing, writing of web Applications using HTML, java Script, CSS, Servlets, JSP, AJAX and java mail.

4. WEB TECHNOLOGY

HTML   : Tags, layouts, frames & Forms, tables, DOM & Layouts
CSS   :Inline CSS, Embedded External CSS
DHTML   : Tags, Same as HTML, DOM
XML   :Tags, syntax, schemas, DOM, Presenting XML, using XML processors.
JAVA SCRIPT: Scripting, Tags, Elements of objects.

5. NETWORKING (Planned for the academic year 2015 – 16)
- Network Foundations
- Interpreting a Network Diagram
- IP Addressing Foundation
- Ethernet Foundations
- IOS Foundation
- Working with CISCO Switches & Routers

6. BASIC CONCEPTS IN INFORMATION TECHNOLOGY
(Planned for the academic year 2015 – 16)
Computer Fundamentals:
Operating System concepts:
Basic Network Concepts:
Computer Organization & Architecture:

Department of Commerce (UG)

1. **EMOTIONAL INTELLIGENCE AT WORK**
   - To equip the student with high emotional intelligence so that he /she can be a successful employee when he/she works in group in any office or when he / she heads the group

2. **DEALING WITH DIFFICULT PEOPLE**
   - To recognize why and when people act out.
   - To identify different types of difficult people.
   - To cope with difficult behaviour.
   - To get most out of difficult employees.
   - To nurture a harmonious work environment.

3. **UNDERSTANDING HUMAN BEHAVIOUR AT WORK**
   - To understand the basic determinants of behaviours and its impacts on the individual and organizational growth.
   - To impact knowledge about various psychological traits that makes a human behaviour.
   - To provide various online tests that would assist the students to analyze his personality that would broadly categorize a particular student in the personality to which he or she belongs.
   - To make students introspect their personality characteristics by the score he or she gets in the online tests and make necessary changes
   - To provide guidance and counselling and assist the student in building a strong personality and choose a profession that would suit him.

PROFESSIONAL SKILLS:

4.**SIX SIGMA – AN OVERVIEW**
   - To bring an awareness among the students with regard to the quality requirements in an organization.

5. **DIPLOMA IN PRACTICAL & COMPUTERISED ACCOUNTING (TALLY)**
   - To train students in the preparation of manual accounting books and also preparation of accounts by using computers.
   - To train students in live accounting with full practical touch on computers.

CAREER GUIDANCE AND PLACEMENT CELL

1. **CAMPUS RECRUITMENT TRAINING**
   - Making students employable by improving their communication skills, personality development, Reasoning & quantitative arithmetic skills

2. LSRW skills
- To equip the students with Listening, Speaking, Reading and Writing skills both in technical and professional manner, improve kinesics, learning office etiquette and to make enable them to face life confidently through personal and group dynamics and mould him as an complete personality to fit into the campus drives.

DUAL DEGREE

Not Applicable

ACADEMIC FLEXIBILITY IN SKILLDEVELOPMENT
Students have the academic flexibility to choose courses from a large pool of programmes and also have choice in medium of Instruction, English or Telugu and second language of study as Telugu / Hindi / Sanskrit. The academic flexibility to choose the specialization subjects in MBA and Electives in MCA which are technologically strong from a list of subjects offered by the University.
 Enrichment Courses
The Institution offers many enrichment courses as mentioned in 1.2.1.

SELF - FINANCED COURSES:

Sno.	Course	Subjects
1	BSc	**Maths/ Physics / Chemistry** **Maths/ Physics / Electronics** **Maths/ Physics / Computers** **Maths/ Electronics / Computers** **Maths/ Statistics/ Computers** **Chemistry / Botany / Zoology** **Chemistry / Botany / Biotechnology** **Chemistry / Biotechnology/Microbiology** **Chemistry / Biotechnology/Biochemistry** **Chemistry / Biotechnology/Zoology**
2	BA	**History / Economics / Politics** **History / Geography / Travel &Tourism** **Special Telugu / Politics / Public administration**
3	BBM	
4	BCOM	
5	MHRM	
6	MBA	**FINANCE, HR, MARKETING**
7	MCA	
8	MA	**ENGLISH** **MATHEMATICS**
9	MSc	**BIOCHEMISTRY** **MICROBIOLOGY** **BIOTECHNOLOGY** **ORGANIC CHEMISTRY** **ANALYTICAL CHEMISTRY** **COMPUTER SCIENCE**

ADMISSIONS PROCESS

Admissions to all UG courses are made by the college are based on the norms prescribed by the Government of Andhra Pradesh and Andhra University. Admissions into M.A and M.Sc courses are made on the basis of merit obtained at the Common Entrance Test conducted by the university (AUCET). Admission into MBA and MCA courses are made on the basis of merit obtained at a state wide entrance test conducted (ICET). In both the cases reservation norms prescribed by the Govt. of Andhra Pradesh are followed.

Fee Charged:

This college with a social face has reasonably low fee structure. A reasonable number of the students are from socially down trodden and economically weaker sections. All the programmes of study are self financed except B.Com programme that comes under Grant-in-Aid scheme of the Government of Andhra Pradesh for payment of salaries to a few employees who are identified as Aided Staff as per the Government norms. Fees for all programmes of study are charged as per norms prescribed by the Regulatory Authority.

Tuition fee and special fee norms are set by the University and the Andhra Pradesh State Council for Higher Education (APSCHE) are strictly adhered to.

Teacher Qualification and Curriculum:

Teacher qualifications and curriculum are the same for both Aided and Self financed programmes. However, their pay structures differ.

Salaries:

Teachers in aided stream are paid UGC scales . Teachers in self financed programmes are paid as per the scales fixed by the Management based on financial feasibility.

SKILL PROGRAMMES FOR EMPLOYABILITY

The Institution offers a good number of certificate programmes and add-on programmes to enhance student's knowledge and skills. These programmes aim to enhance students' levels of self confidence and self worth. These programmes enable students to gain an advantageous edge in global competition**.** Skills Development Centre trains students in employable skills.
Some certificate programmes are offered to develop the social skills. These programmes help students to lead a successful social life and Career. They are:

Life Skills:
Dealing with Difficult people
Emotional Intelligence
Ethics in Corporate Houses

Domain Skills:
Six Sigma
Tally- Computerized Accounting
MS-Dot Net

  Java Technology
  Oracle
  Financial Derivatives
  ABC of Economics
  Business Legalities

Employable Skills:
Communication and Soft skills
Arithmetic and Reasoning skills
Finishing School for placement interviews

The end beneficiaries are the students to end up with placements in reputed companies with lucrative salaries.

DISTANCE MODE
Not Applicable

STRENGTHENING THE UNIVERSITY CURRICULUM:
University prescribed syllabus is followed as the college is affiliated to Andhra University. Yet, the existing syllabus is made more relevant and useful by giving more focus to the application aspects of basic concepts and fundamentals taught. .
Topics of contemporary relevance are added to the syllabus to keep the students aware of current trends and developments. Few such courses are: Tally-computerized Accounts, Current Corporate Affairs, Java, Oracle etc. The programmes are offered to integrate the university curriculum with the institution's goals.

EFFORTS FOR DYNAMIC EMPLOYMENT MARKET:
The institution has designed and developed value added programs to enrich students with domain and soft skills and make them job ready.
In addition the institution also offers programs relating to interpersonal skills corporate culture and work ethics.

CROSS CUTTING ISSUES GENDER, CLIMATE CHANGE, ENVIRONMENTAL EDUCATION, HUMAN RIGHTS, ICT:
Issues related to gender, climatic changes, environmental education, ICT, Human Rights, etc are covered through university prescribed compulsory subjects like Environmental Science, Science and Technology, Fundamentals of Computers, Contemporary India etc. Activities conducted in these subjects include exhibitions, models preparation, poster preparation, seminars, guest lectures.

Department of Environmental Studies initiated a programme on World Wild Life Week by starting an eco-club named Peacock Club in 2006. The students are the active members who plan various awareness programmes on climate change and environmental education.

Climatic Change:

- A Photo exhibition on World Honey Bee week was organized to explain the impact of radiation from cell towers, pesticides, insecticides, on pollinators particularly honey bees.
- A feature film on climatic changes and remedial measures was screened.
- An exhibition was held on World Ozone Day
- Massive plantation program was held after Hudhud cyclone in Visakhapatnam

ENVIRONMENTAL EDUCATION:

Students of eco-club are campaigning in the college campus, local schools and residential areas on different environmental problems.

- Promotion of eco friendly (mud-clay)Vinayaka chavithi:
- Campaign on Green Diwali
- Campaign on Power Saving
- Campaign on campus cleanliness
- Beach Cleaning program
- Membership in Dolphin Nature Conservation Society (a local NGO).
- Campaign on the campus and local schools on:
  - ✓ Composting
  - ✓ Kitchen Garden
  - ✓ Bird Feeding Equipment
  - ✓ Tree Plantation
  - ✓ Rain Water Harvesting
  - ✓ Electricity Conservation
  - ✓ Negative effects of using mosquito repellents
  - ✓ Negative effects of using Non-stick cook ware
  - ✓ Hygiene and sanitary conditions
  - ✓ Promotion of healthy food habits.
- Organized various class room seminars and quiz programmes on environment.

ENRICHMENT PROGRAMMES FOR HOLISTIC DEVELOPMENT

Moral and Ethical Values:
Professional Ethics is a subject of study at UG and PG level as prescribed by Andhra University. Besides this few add-on programs are offered to students on the campus as listed below:.

Employable and Life Skills:

Soft Skills and English Language
 Quantitative Arithmetic
 Reasoning Abilities
 Finishing School for Placement Interviews.

Dealing with Difficult People
Emotional Intelligence
Ethics in Corporate Houses.

Better Career Options:
DOTNET
JAVA
ORACLE
SIXSIGMA
TALLY
CURRENT CORPORATE AFFAIRS
The Skill Development Centre trained students in employable skills. In addition, company specific Finishing School was given to all students short-listed for interviews. Upon special requires, students were also trained for bank exams (Institute of Banking Personnel Selection).

STAKEHOLDERS FEEDBACK IN ENRICHING THE CURRICULUM:
The Institution takes the feedback from the students of all departments at the end of every year. The information gathered has enabled certain departments like M.A. (English), MBA, M.Sc, BBM, B.Com, B.Sc & B.A to introduce measures which are useful to the students to enhance their market acceptability. Feedback from Industry persons who visit the college for guest lectures and placement drives is collected and their suggestions are shaped in to Add-on programmes. Similarly suggestions from our Alumni also helped us to design Add-on programmes.
All these are our curriculum enrichment efforts.

Department of English (PG):
        Orientation for NET & SET by providing material and guidance
        Orientation in English Grammar to face campus interviews
Department of Commerce:
        Handouts are distributed on various Accounting concepts.
Department of Management:
        Handouts are distributed on FAQ's, Glossary on management terms
Department of Computer Science (PG):
        Online technical tests are conducted (MCQ) useful for Job Interviews
Department of Arts & Sciences (UG):
        Conducted Model Parliament

MONITORING/EVALUATING ENRICHMENT PROGRAMMES:
Monitoring: The Institution has the mechanism that the SDC interact with students during the currency of the programmes and ascertain the satisfaction levels of students. Again at the end of the programme feedback from students is collected. On the basis of the interaction with students and feedback from them, the Coordinator, SDC guide the teachers / trainers wherever needed. Also the content of the course is reviewed, based on the feedback.

Evaluation: The students are evaluated at the end of the programme by conducting a written test / Online Test and Viva-voce. Students are issued certificates with grades of performance.

CONTRIBUTION TO UNIVERSITY CURRICULUM:

K. Beulah, Asst Professor, Department of Bio-Chemistry (U.G) served as Chairperson, Board of Studies, Andhra University during 2011 -14 Member, Board of Studies, Dr.V.S .Krishna Govt.College during 2011-12 Member Board of Studies, Gayatri Vidya Parishad (A) during 2011-12.

STAKEHOLDERS FEEDBACK COMMUNICATED TO UNIVERSITY:

There is a provision in the questionnaire for Feedback from student's to state their views on any issue including the curriculum. Such feedback received from students is the pathway for value addition programmes. The Institution also informs the university the essence of the feedback through representation in UG.

NEW PROGRAMMES:

Basing on the demand and rapid change in the world outside a few new courses has been introduced in the last few years.

BA (Geography, Special Telugu, Travel & Tourism)
MHRM,
MSc (Biotechnology),

The Bio-technology course was introduced as it is the emerging field of study with wide scope for research opportunities and the MHRM course was started as it is the key to the economic development of the country .BA course with optional subjects Geography and Special Telugu are useful to those students aspiring for Civil Services.

Criterion II
TEACHING/LEARNING AND EVALUATION

The Institution strives to provide good teaching – learning experience to students from different backgrounds and abilities. It has become possible because of the implementation of healthy practices and effective systems. These practices are based on social justice and equality and are student-centric. Efforts for developing scientific temper, encouraging use of technology, providing extra support to students, academic freedom to teachers, supporting teacher development activities, enrichment of library, teacher's performance evaluation, recognition & rewards are in practice. The focus of this criterion is presented in the following items.

STUDENT ENROLMENT AND PROFILE:

PUBLICITY AND TRANSPARENCY IN ADMISSION PROCESS:

- The college has been in existence for the past forty years, and has become popular for academic, sports and extra-curricular activities.

- Information relating to admissions is communicated to the public through advertisement in local news papers and hoardings in the campus. For some courses such as B.B.M., publicity is given through advertisements in some national news papers as students from other states continue to outnumber those from within the state.

- Admission details are displayed on the college website www.bullayyacollege.info.

- Admission desks are open on the campus during the admissions period to give the required information to the enquirers.

- Applications for admissions along with prospectus contain required information for students and parents about the college and its functioning. The information is about the courses of study, registration and selection procedures, documents required at the time of admission, fee structure etc, The prospectus also contains information on co-curricular and extra-curricular programmes offered by the college

- When the number of applications received exceed the number of seats available, lists of students selected for admissions are prepared on the basis of merit and as per the norms for admissions prescribed by the Government of Andhra Pradesh.

- At the time of counseling for admissions into P.G courses which are under the purview of the Conveners of AUCET and ICET, the college puts up an information desk in the college to inform the prospective students about the college.

CRITERIA FOR ADMISSIONS:

The criteria for admissions in U.G are based on merit in the marks obtained in the qualifying exam. Rule of reservation is adhered to as per the norms of Government of Andhra Pradesh.

For admissions into Msc/ MA and MBA/ MCA programmes, the Convener, AUCET (Andhra University-CET) and ICET – a state-wide Integrated CET is authorized to admit students through web counseling based on their ranks. During ICET / AUCET admission the norms for reservations as prescribed by the Government of Andhra Pradesh are followed by the conveners.

QUALITY OF ADMISSIONS:

The students with the following minimum and maximum percentage of marks are admitted into each of the programmes offered by the college.

Dr. LANKAPALLI BULLAYYA COLLEGE		
Name of the Course	**Maximum Percentage of Marks**	**Minimum percentage of Marks**
B.A	77%	41%
B.Sc	92%	42%
B.Com	92%	38%
BBM	91%	43%
AUCET RANKS	**HIGH RANKS**	**LOW RANKS**
M.A (English)	97	748
M.Sc (Mathematics)	178	1032
M.Sc (Biochemistry)	95	348
M.Sc (Biotechnology)	96	431
M.Sc (Chemistry)	64	3000
M.Sc (Microbiology)	56	204
MHRM	1229	5032
MSc (Computer Science)	349	2212
MBA	840 (ICET RANK)	115641
MCA	6762 (ICET RANK)	116087

REVIEW OF ADMISSIONS AND STUDENT PROFILES

Mechanism to review Admission Process:
The Dean, HOD and few senior teachers form an informal committee and review the admission Process. However all P.G admissions are done by ICET and AUCET conveners through web-enabled counseling, therefore there is very little scope for reviewing the admission process. In P.G 30% seats are filled by the management quota and the admission committee reviews the profiles of the students and admission is given.

Mechanism to review student profiles:
An informal mechanism is in place whereby teachers review the profiles of newly admitted students and make formative evaluation based on their past academics, socio-economic back ground and interaction The purpose is to tailor teaching styles to match students' abilities and make a balanced class.

Outcome and contribution of the review:
Students are classified into advanced learners, mediocre and slow learners on the basis of their abilities and aptitude. Plan of action is prepared to suit their different needs like bridge classes, remedial classes, assignments, seminars etc.,

NATIONAL COMMITMENT ON DIVERSITY AND INCLUSION:
*SC/ST   *OBC   *Women   * differently -abled   *economically weaker   sections   *Minority community *any other
Institution's response to national commitment on diversity and inclusion is effective. The response is reflected in reservations at the time of admissions. Keeping the cost of admission at affordable level, economically weaker sections students' needs are met. financial support with scholarships and fee concessions, taking extra care in teaching / learning activities and catering to their interests in extracurricular activities, such as Sports, NSS and NCC.

The college strictly adheres to admission norms prescribed by both the Government of Andhra Pradesh and the affiliating University. The college admission strategy, as mandated by Government of Andhra Pradesh is to reserve seats for students from socially disadvantaged sections and other groups.

The details of reservations for different categories of students for admissions are shown below percentage wise:

OC	BC-A	BC-B	BC-C	BC-D	SC	ST	PH	Ex-SER	SPORTS / NCC	WOMEN
43	7	10	7	5	15	6	3	3	5	33.33

Students from other states such as Orissa, Bihar, Chattisgarh, Uttarakhand, Assam are admitted into different programmes of study. Scholarship schemes to students from economically and socially backward class are sanctioned. In addition, institutional scholarships are offered to students in general to encourage merit among students.

DETAILS OF ADMISSIONS:

Name of the Programme	2013-2014			2014-2015		
	*No. of Applications Received	No. of Students Admitted	*Demand Ratio	*No .of Applications	No. of Students Admitted	*Demand Ratio
U.G B.Com	265	247	1:0.93	285	263	1:0.92
BBM	75	75	1:1	53	53	1:1
B.A: His / Eco / Pol	42	36	1:0.85	51	38	1:0.94
His/Geo/T &T	15	13	1:0.86	17	13	1:0.76
Spl Tel/Pol/ Pub Ad	10	06	1:0.6	13	09	1:0.69
Maths / Phy / Chem	75	60	1:0.8	72	59	1:0.81
Maths / Phy / Comp	79	68	1:0.86	78	63	1:0.80
Maths / Elec / Comp	73	63	1:0.86	76	62	1:0.81
Maths / Stat / Comp	84	69	1:0.82	82	68	1:0.82
Math/Phy/Elec	45	38	1:0.84	49	43	1:0.87
Chem / Bot / Zoo	47	40	1:0.85	45	38	1:0.84
Chem / Microbio / Biotech	46	40	1:0.86	41	37	1:0.90
P.G.Courses: M.A / M.Sc Mathematics	NA	48	NA	NA	38	NA
M.A English	NA	38	NA	NA	23	NA
M.Sc Biochemistry	NA	03	NA	NA	05	NA
M.Sc Biotechnology	NA	06	NA	NA	10	NA
M.Sc Microbiology	NA	11	NA	NA	08	NA
M.Sc Org.Chemistry	NA	34	NA	NA	32	NA
M.Sc Analytical.Chemistry	NA	31	NA	NA	16	NA
M.Sc Computer Science	NA		NA	NA	28	NA
Master of Computer Applications (MCA)	NA	72	NA	NA	73	NA

Name of the Programme						
Master of Business Administration (MBA)	NA	120	NA	NA	120	NA
Master of Human Resource Management (MHRM)	NA	21	NA	NA	18	NA

Name of the Programme	2010 – 2011			2011 – 2012		
	*No. of Applications	No. of Students Admitted	*Demand Ratio	*No. of Applications	No. of Students Admitted	*Demand Ratio
U.G B.Com	250	240	1.04:1	260	240	1.08:1
BBM	50	50	1:1	53	53	1:1
B.A: 1) His / Eco / Pol	44	44	1:1	29	29	1:1
2) His / Geo / Travel & Tourism	23	23	1:1	16	16	1:1
3) Spl.Tel / Pol / Pub.Admn	11	11	1:1	7	7	1:
Maths / Phy / Chem	56	56	1:1	51	51	1:1
Maths / Phy / Comp	60	60	1:1	60	60	1:1
Maths / Ele / Comp	60	60	1:1	60	60	1:1
Maths / Stat / Comp	60	60	1:1	60	60	1:1
Chem / Bot / Zoo	20	20	1:1	19	19	1:1
Chem / Biotech / Zoo	-	-	-	1	1	1:1
Chem / Biochem / Biotech	-	-	-	7	7	1:1
Chem / Microbio / Biotech	20	20	1:1	22	22	1:1
Chem / Bot / Biotech	3	3	1:1	1	1	1:1
P.G. Courses: M.A / M.Sc Mathematics	NA	29	NA	NA	44	NA
M.A English	NA	36	NA	NA	37	NA
M.Sc Biochemistry	NA	31	NA	NA	31	NA

M.Sc Biotechnology	NA	31	NA	NA	32	NA
M.Sc Microbiology	NA	34	NA	NA	32	NA
M.Sc Org.Chemistry	NA	33	NA	NA	36	NA
M.Sc Analy.Chemistry	NA	31	NA	NA	29	NA
M.Sc Computer Science	NA	29	NA	NA	24	NA
Master of Computer Applications (MCA)	NA	92	NA	NA	93	NA
Master of Business Administration (MBA)	NA	103	NA	NA	106	NA
Master of Human Resource Management (MHRM)	NA	42	NA	NA	35	NA

Name of the Programme	2012 – 2013		
	*No.of Applications	No.of Students Admitted	*Demand Ratio
U.G B.Com	255	240	1.04:1
BBM	90	56	1:1
B.A: 1) His / Eco / Pol	20	20	1:1
2) His / Geo / Travel & Tourism	14	14	1:1
3) Spl.Tel / Pol / Pub.Admn	3	3	1:1
Maths / Phy / Chem	40	40	1:1
Maths / Phy / Comp	47	47	1:1
Maths / Ele / Comp	47	47	1:1
Maths / Stat / Comp	39	39	1:1
Chem / Bot / Zoo	16	16	1:1
Chem / Biotech / Zoo	-	-	-
Chem / Biochem / Biotech	-		-

Chem / Microbio / Biotech	14	14	1:1
Chem / Bot / Biotech	1	1	1:1
P.G. Courses: M.A / M.Sc Mathematics	NA	39	NA
M.A English	NA	13	NA
M.Sc Biochemistry	NA	16	NA
M.Sc Biotechnology	NA	10	NA
M.Sc Microbiology	NA	36	NA
M.Sc Org.Chemistry	NA	27	NA
M.Sc Analy.Chemistry	NA	31	NA
M.Sc Computer Science	NA	28	NA
Master of Computer Applications (MCA)	NA	83	NA
Master of Business Administration (MBA)	NA	120	NA
Master of Human Resource Management (MHRM)	NA	15	NA

* Admissions into P.G programs are made by AUCET and ICET bodies and hence colleges do not have any information in number of applications received.

Name of the Programme	*No. of Applications	No. of Students Admitted	*Demand Ratio
Value Added:			
Six Sigma an overview 2009-2010	91	75	1:0.82
Dealing with Difficult People 2010-2011	131	125	1:0.95
Ethics in Corporate Houses 2011-2012	176	165	1:0.94
Emotional Intelligence 2013-2014	58	56	1:0.97

A primer on Financial Derivatives	97	57	1:0.59

CATERING TO DIVERSE NEEDS:

The institution takes care of diverse needs of differently-abled students in the following ways.

- Providing Classrooms at Ground floor.
- Arranging Scribes during internal and external examinations.
- Facility of Proxy for using library services.

Government prescribed norms relevant to admissions and scholarships for physically disadvantaged students are fully adhered to. Moreover, class room location, norms for library use and rules for exams are modified to suit their conveniences.

ASSESSMENT OF STUDENTS AT THE BEGINNING:

A system is at work where by each class is entrusted to the care of teacher. The class teacher interacts with students and assess their knowledge levels in core subjects, abilities in communication ,comprehension , their preferences, social background, etc,. On the basis of such assessment students are suggested and persuaded to opt for appropriate medium of instruction English or Telugu in B.Com courses. The assessment is also helpful to cater to the needs of students. Teachers also counsel students on personal grounds and avoid likely   discontinuing from studies due to lack of confidence and low self esteem.

CATERING TO THE NEEDS OF SLOW LEARNERS:

Bridge classes and remedial classes are planned and conducted by respective teachers subsequent to their interactions with students. Teachers maintain a record of this work.

Bridge classes are conducted at the beginning of the year / semester while the remedial classes are conducted either in the middle of the year or at the end of the year.

Training classes in employable skills such as English Communication Skills, Arithmetic Skills, and Reasoning Skills are offered to all students as additional input. Add-on programmes in Domain knowledge and Social skills are also offered to all students. These programmes have a positive impact on students.

SENSITISING ON SOCIAL ISSUES:

The institution is a ragging free zone. The campus is adequately sensitized on gender equality, environment protection and inclusive development. In some departments women outnumber men. Women are working on par with men and occupying positions of leadership. Programmes on women empowerment, women's day are conducted on the campus by inviting eminent guests, focusing on their civil rights, and self defense.

Teachers and students are involved in activities such as Tree plantations, organizing talks on important days such as World Ozone Day, World

conservation day and World Population day. Organizing shows and awareness campaigns on Eco-consciousness, Eco-friendliness, consumerism, use of polythene etc.,

CATERING TO NEEDS OF ADVANCED LEARNERS:
Special needs of advanced learners are catered to through encouraging them to present seminars, attend add-on classes and extra classes and summer coaching camps. In PG such students are assigned Project works and complex problems are solved using computer programming. The aim is to enrich them with knowledge and skills.

Add-on programmes are offered on topics such as - Current Corporate affairs; Tally computerized accounting package, Six sigma , Emotional intelligence; Dealing with difficult people and Ethics in corporate houses. Training is also given in domain skills like, DOT NET; Java Technology and Oracle.
A camp was conducted on Accounting Reports. One of our students won the prize in the competitions conducted by The Institute of Chartered Accountants, Visakhapatnam chapter.
In Commerce department a summer camp was conducted to enrich the students with case studies from Harvard Business Review.
Objective of this programme is to enhance skills of understanding, analyzing and presentation.

CATERING TO NEEDS OF LIKELY DROP OUTS:
Financial needs and lack of self confidence to cope with the subjects of study are the reasons commonly found for dropping out from the college. In case of financial reasons, the institution is organizing to secure scholarships from Government and also offering fee concessions on merit basis. faculty also help such students with personal contributions .In case of other than financial reasons, class teachers counsel them personally and take extra care and inspire and motivate them to continue their studies.

TEACHING-LEARNING PROCESS:
It is a dynamic process in the functioning of an educational institution. It includes many important aspects such as planning and organizing teaching activities ,ensuring that the processes are student-centric, contributions from IQAC for improvements , aiming to develop critical thinking and scientific temper in students, use of technology, exposure to knowledge and skills, support to teachers to adopt innovative methods ,support to students with necessary guidance, use of library ,monitoring and evaluation of teaching-learning quality.

PLANNING TEACHING AND LEARNING PROCESS:
Teaching and evaluation schedules are planned in the beginning of the year based on the academic calendar prescribed by the university.
The planning includes academic plans, teaching notes, teaching dairies, lab cycles preparation of time tables, estimating the infrastructure requirements, planning exams pattern and schedules and review mechanisms.

Academic plans are unit wise time schedules for teaching course-wise syllabus with an aim to complete the syllabus systematically. Teaching diaries are prepared by teachers to record the classes engaged. Teaching notes prepared by teachers contain the contents of the subject taught. Planning is also done and some slots are reserved for seminars Workshops, Guest Lectures, Field Trips, and Activities etc.

Pattern and schedules for conduct of internal exams and their valuation are also planned. Infrastructure required for effective teaching and learning activities is provided. Periodical reviews are conducted to ensure implementation of plans and to know the outcome.

CONTRIBUTION OF IQAC:
IQAC is actively involved in creating quality awareness on campus, promoting new initiatives and systematizing the initiatives, measuring the outcome and organizing reviews and to follow up.
Mandates with broad job descriptions are prepared for teachers and HOD's.

Activities File: It is a list of academic activities prescribed for teachers to perform. The activities performed by teachers are recorded systematically to measure the output and to assess the outcome. Formats are designed to record the data on the activities performed.

Peer team audit: Peer teams are constituted with teachers to visit departments other than their own to audit the work done as prescribed in activities files and to report their assignments to IQAC for follow up.

Feedback system: IQAC developed feedback systems:–
(1) From students on teachers
(2) From students and teachers on non-teaching staff.

Separate questionnaires are designed for stake holders to respond. Online feedback system is used for collection and analysis of the feedback. Reviews are conducted by the management on the basis of feedback reports. :

Recognitions and rewards for teachers: With an aim to motivate teacher for better performance, a system of recognition and rewards for teachers and departments was instituted. Teachers are recognized and awarded cash prizes and letters of appreciation based on performance and results. Best performing departments are also recognized and rewarded**.**

Training and Placement activities: IQAC proposed to establish Career Guidance and Placement Cell with an aim to guide students for employment. The plan is to bridge the gap between the industry and the institution by understanding the industry needs and training the students in the skills required. Subsequently Skills Development Centre (SDC) is proposed and established for training students in employable skills and other add-on programmes.

STUDENT CENTRIC PROCESSES:

The College has systems and support structures for individual and team learning. Individual learning takes place in class rooms through interaction between the teacher and the students. Assignments are given to students as part of individual learning.

Towards collaborative learning, students are formed into teams for handling group tasks such as presentations on a given topic. This type of collaborative learning is happening in the extended fields of core subjects. It is practice in communication skills training.

In support of individual and collaborative learning, support structures are in place. Such as Libraries, Laboratories, Internet and Computers in addition to the teacher support.

NURTURING CRITICAL AND CREATIVE THINKING:

Students are exposed to problems and encouraged to think and come out with solutions. Inspiring lectures by eminent people are organized on critical issues in economic fields. The institution launched a scheme to recognize and reward creative and innovative contributions from teachers to enhance the efficiency on the campus. Mini projects and group projects, debates and quiz programmes, participation in management events, shows and campaigns both within and outside the campus give them more self confidence and makes them think with scientific temper.

USE OF TECHNOLOGY:

In order to make learning a multi channeled exercise, the institution adopts the following technological tools.

power point presentations; use of high definition TV and audio system to run videos on topics related to various subjects; internet facility to access open education resources from NPTEL website http:/ NPTEL.iitm.ac.in/, use of LCD for playing visual material use of online tests ,access to INFLIBNET for e-books and e-journals.

EXPOSURE TO ADVANCED LEARNING:

Students and faculty are exposed to advanced knowledge and skills by facilitating them to participate in seminars and workshops organized in the college and in other colleges / Universities. and by arranging guest lectures by experts in the subject.

Add-on programmes on subjects of general importance as well as on subjects of study are offered with an aim to enrich the students with global competence. Students and faculty view educational videos on YouTube and login to websites like coursera.com

SUPPORT AND GUIDANCE SERVICES TO STUDENTS:

Teachers provide support and guidance services, formally and informally. Mentor-mentee system is in practice where a teacher takes care of a small group of students and monitors their attendance, academic performance and discipline and counsel them on issues to put them on track, whenever required.

Career guidance and placement cell also counsels students on career related issues. Reasonable number of students is benefitted by this kind of approach.

INNOVATIVE APPROACH TO TEACHING:

The innovative teaching approaches are multi dimensional and department-specific.

1. **Use of technology**: Internet resources are widely used. Course material and information is downloaded from some educational websites and YouTube videos are viewed .This information is transformed into power point presentations and students get the benefit of audio-visual sessions with live examples. Internet plays a vital role in disseminating latest trends / innovations/ developments in science and technology.

2. **Industry-campus interaction**: Industry experts and academicians from reputed University / college are invited for Guest lectures and knowledge transfer is done to students.ial perspective and employment related issues. Faculty also share knowledge with peers and students   by attending workshops /seminars in other colleges / universities.

3. **Teacher-student interaction sessions**: A classroom interaction session is conducted where group discussions, tech-talks, quiz, business events, real-time case studies seminars are conducted. During such sessions students are updated with latest happenings especially   technology related.

4. Industrial visits, Field trips, Project works in companies, Internship gives real-time exposure to students

As a part of training the students in problem solving, analytical skills, innovative and creative thinking, presentation skills, Ice breaking sessions, Role plays, Seminars, Peer teaching, Case Studies, Mock interviews are conducted.

Organizing programmes in live projects (biogas and bio ethanol), and training them on how to read, review and discuss articles published in news papers, are regularly done to develop learning and presentation skills in students. The impact of these approaches is visible clearly in

LIBRARY FACILITIES:

Library is the hub of information and it is the treasure of knowledge. It is the source information and knowledge. It is the nucleus of academic pursuits. The library has books, special collections, e-journals and e-books. It has several national journals and magazines, English, and Telugu news papers etc. The reference section has a collection of reference books, encyclopedias, dictionaries, thesis, scientific journals and management journals. The open access system in the library is user friendly. The library services are computerized.

Library facilities are of great help to enrich the teaching and learning processes.

ICT services: Library services are computerized (OPAC). With the help of SOUL (software) all the resources in the library and their details are accessible through computers and all the functions in the library are automated. The INFLIBNET facility is accessible to the college, as a result teachers have the facility to access e-journals and e-books. The Internet facility required for the purpose is provided to the library.

Orientation: New students are oriented on how to use the services of the library. New books are added every year on the recommendations from the departments and to meet their learning needs. Library is supporting students with audio visual materials. The total volumes in the libraries are **39199.**

CHALLENGES IN COMPLETING SYALLABUS:

The institution faced certain challenges caused due to social disturbances like Bandhs, and strikes. Ex: Samaikhya Andhra Band- A state-wide agitation in the year 2013 and Natural disaster like Hudhud cyclone in the year 2014. Due to these challenges, admissions of state level entrance exam ICET and university semester end exams were delayed and the number of working days was reduced. Such situations were tackled by the college by extending college working hours to complete the syllabus.

MONITORING OF TEACHING AND LEARNING:

Teaching and learning are monitored by concerned Deans / HOD's by adhering to academic plans, teaching diaries, activities files. Peer team's reports, feedback from students, students' performance in university exams, wherever required, concerned Deans intervene to suggest and ensure quality teaching and learning.

TEACHER QUALITY:

RECRUITMENT AND MANAGEMENT OF TEACHERS:
Recruitment

The norms prescribed by university / AICTE for recruitment of teachers are strictly adhered to. The selection process is transparent and as per the norms. Applications received in response to news paper notification are scrutinized and the eligible applicants are called to appear for interview before a duly constituted interview board. Members of the board include - Management Representative, University Representative, Subject Expert, Principal/Dean and Staff Representative. The best and competent among them are selected and recruited.

To retain meritorious teachers, the institution offers incentives, recognition and rewards. Senior and experienced teachers whose experience is useful to students and the institution are re-deployed even after their super-annuation.

An incentive of six increments is offered to teachers who possesses / acquire PhD degree. Similarly an incentive of few extra increments is offered to teachers who possess / acquire M.Phil degree.

Teachers are recognized and rewarded for their efficient innovative / creative work, such as developing software to take students feedback online. The institution has been supporting and encouraging the teachers by funding their academic activities. Teachers are permitted to use the college labs for the purpose of their research works.

All the teachers in the campus are in permanent category. The number of teachers with their qualifications and designations are shown in the table below.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D.	2	Nil	1	2	3	9	17
M .Phil.	Nil	Nil	1	1	12	20	34
PG	2	Nil	2	3	45	63	108
Temporary teachers : N.A							
Part-time teachers : N.A							

MANAGEMENT OF SHORTAGE OF TEACHERS:
- o In general the college does not face shortage of qualified teachers, guest lectures by University Professors, and experts in the field are organised.
- o In some departments, efficient teachers are redeployed after retirement and their services are used to guide young teachers and students especially on healthy practices and quality enhancement initiatives.
- o Qualified and senior people with experience in industry are appointed as teachers. Some of our teachers who left the institution to work in industry, came back and joined the institution to share their industry experience with the students on the campus.
- o The cross utilization of faculty is in practice in almost all departments (ex: Computer Science, Commerce, Management & life Sciences)

STAFF DEVELOPMENT PROGRAMMES:
1. Newly recruited teachers are constantly guided by HODs and senior teachers on teaching related issues. Teachers are allowed to attend refresher and orientation programs conducted by the University and elsewhere. Sometimes special training programs for improving communication skills of the teachers are organized on the campus. During the past four years two such programs were organized; one for development of communication skills in English and the other for development of computer skills of Non-teaching staff.
2. Faculty Forums / activities are conducted to share knowledge mutually: Each faculty chooses a topic for presentation from his / her subject of study which is likely to generate interest in others. Thus knowledge sharing takes place which helps to keep the entire faculty reasonably informed about the latest developments in all other fields.

MOTIVATION TO TEACHERS:
The institution has put in place a number of initiatives as shown below to motivate teachers academically and psychologically.

- Financial incentives are given to reward higher academic qualifications. Four increments for M.Phil, six increments for Ph.D holders.
- Conduct of Seminars / Workshops are encouraged by granting financial and logistic support.
- Recognitions and reward for teachers on publications in referee Journals.
- Grant of leave an 'On Duty' for teachers who participate in academic activities such as – Seminars / Workshops at National and International levels as resource persons or delegates.
- Participation in Seminars or Workshops is encouraged by reimbursing their registration fee and travel expenses etc., subject to valid conditions.
- Teachers pursuing Ph.D programmes are permitted to use the campus Laboratories, Equipment, Consumables and other logistics. Financial grant is made available subject to justification of the need.

- Library resources are upgraded on request from teachers to meet their research needs.
- Teachers are recognized and rewarded for their good performance in feedback and examination results.

Faculty who received awards / recognition at the state, national and international level
<center>**NIL**</center>

EVALUATION OF TEACHERS:
Teachers are evaluated by students, by peers and also by themselves. Students render feedback on their teachers. The feedback collected is evaluated by IQAC and shared with teachers. Management conducts review meetings based on the feedback output.

SELF ASSESSMENT:
- Teacher's self-assessment system is also in practice. The self assessment reports of teachers are evaluated and graded. The management reviews the evaluation for recognitions and rewards.

Evaluation by Peers:
- A list of academic activities is mandated to teachers and HODs and the data is recorded. Internal Peer teams examine the records, interact with teachers and evaluate the performance of teachers in the department.
- The evaluation reports of peer teams are submitted to the management for review and necessary follow up steps.

EVALUATION PROCESS AND REFORMS:

AWARENESS ABOUT EVALUATION PROCESSES:
Students are made aware of the process in the induction meeting held on the first day of their campus life. Students are informed that their attendance to classes, performance in internal exams and general behavior are part of criteria for award of marks in internal assessments. Teachers are made aware of evaluation processes by circulating university circulars, and at departmental meetings. Besides this, the Handbook and Website of the college act tools to create awareness on the evaluation process.

EVALUATION REFORMS OF THE UNIVERSITY:

Evaluation reforms introduced by the university:
Internal Assessment Marks: Subject teachers are authorized to make internal assessment of students and award marks on the basis of written and online examinations conducted as per university calendar. The internal assessment marks are considered for declaration of final results.

Project Studies: Project work is mandatory is some UG and PG courses. The project works are aimed at promoting advanced learning. Marks obtained in projects and viva based on project reports are included in declaring the final results.

Change in the Question Paper Model: At the U.G level the model of the Question paper is partially changed from questions of essay type to questions of short answers covering the entire syllabus prescribed. This is to encourage students to study the entire syllabus while preparing for the exams.

Results in Grades: Grading system is introduced, by the University and the results declared are O, A, B, C, D, E and F (Fail) grades. Every subject carries fixed credit points. Student gets the credit points on passing the subject. In addition, on the basis of percentage of marks obtained in a subject, grade points and grades are awarded.

Award of Grades and Grade Points:

Range of Marks	Grade	Grade Points
> 85%	O	10.0
75%-84%	A	9.0
66%-74%	B	8.0
57%-65%	C	7.0
47%-56%	D	6.0
35%-46%	E	5.0
$\leq$ 34%	F (Fail)	0.0
Incomplete (Subsequently changed into pass or E to O or F grade on subsequent appearance of the examination)	I	0.0

Evaluation reforms initiated by the institute:
- Weekend examinations are conducted and evaluated on all the subjects and the same will be considered as marks for internal assessment.
- Eight week TRACK examinations are conducted from December onwards for achieving optimal results in university examinations in UG.
- Assignments are given to the students as part of internal assessment.

IMPLEMENTATION OF UNIVERSITY REFORMS:
The institution implemented the evaluation reforms as below:

Projects: Project study and submission of report is part of reforms applicable to final year students in some branches of study. Students are made to work on live projects – some work in the computer lab on live issues with the technical support and guidance from faculty, while some work outside the campus with permission from industrial units.

Internal Assessment: The College implemented internal evaluation scheme with focus to drive the students towards effective learning. The internal assessment marks are awarded to students on the basis of – attendance and regularity to classes, marks obtained in internal exams, assignments, behavior and attitude.

FORMATIVE AND SUMMATIVE EVALUATION:

Formative Evaluation: Formative evaluation of students is done to assess and categorize them on the basis of their abilities. The purpose is to prescribe courses in line with their learning abilities and needs. The abilities considered for the purpose are – basic subject knowledge, communication skills, medium of study, social background etc. In some departments time tested psychometric tests are used as formative evaluation model to assess personality attributes of students. The test is useful for SWOT analysis. Based on formative evaluation the students are classified into the categories of – advanced learners and slow learners.

Advanced learners are offered complex problem-solving using computer programming, live project works, add-on Programmes, advanced knowledge and skills in their subjects of study and advanced modules in communication and soft skills, arithmetic skills and reasoning abilities.

Slow learners are offered – bridge and remedial classes, focus on basics and concepts relating to core subjects, reasonable level of training in communication and soft skills, arithmetic skills and reasoning abilities.

Summative Evaluation: Summative evaluation is made to measure the achievements of student's consequent to programmes offered to suit their learning needs. Summative evaluation of students is done by teachers / trainers through informal interaction and feedback. Summative evaluation is also done through students' performance in exams, co-curricular and extra-curricular activities.

Impact: Summative evaluation reveals considerable positive achievements made by students during their period of study in the college because of the teaching and learning processes.

PROGRESS AND PERFORMANCE:

Information on marks secured by students in various internal exams and their attendance particulars are recorded in academic activities files and the data is monitored by concerned teachers. The performance is communicated to students through display on notice boards and to parents through letters. Weightage is given to attendance, classroom behavior, and tests.

GRADUATE ATTRIBUTES:

The graduate attributes are the qualities a student is expected to acquire. The graduate attributes are propagated among students so that they shall strive to enhance academic abilities, personal qualities and transferable skills. The following are the graduate attributes.

- Acquiring Knowledge and skill in the subjects chosen for study.
- Developing innovative and creative thinking with critical judgment.
- Learning effective communication and interpersonal skills.
- Being socially responsible and engaged in their communities.
- Becoming Competent in culturally diverse and international environment.

The attainment of graduate attributes is ensured through:

- Knowledge and skills in chosen subjects of study through systematic classroom and lab works, two way interaction with industry links, use of digital technology and library resources, guidance and support from teachers, etc.,
- Advanced learners are supplemented with knowledge and skills through a number of add-on programmes. Such as – Current Corporate Affairs, Six Sigma – An Overview; Dealing With Difficult People; Emotional Intelligence; Ethics in Corporate Houses and Tally – An Accounting package.
- Recognition and rewards schemes are in place on the campus, to motivate the students in creative and innovative contributions.
- A total of 500 students are involved in National Service Scheme (NSS) and National Cadet Corps (NCC) involving in socially responsible and community centric activities.

MECHANISM FOR EVALUATION GRIEVANCES:

At college level there is a mechanism in practice for redressal of grievances. When a student feels aggrieved the following redressal procedure is in practice.

- In the first level the students contact the concerned teachers to express their grievances. The teachers review the cases and inform the students about their reviews.
- At the second level, when the student is not satisfied with the outcome at the first level, he / she can approach the concerned Dean / with the grievance and the judgement of the Dean / Principal is final.
- At the University level an established practice is in operation for revaluation of answer scripts. An application describing the grievances addressed to the Registrar, Andhra University shall be made within 30 days from the date of declaration of results. The request may be for revaluation or personal identification of the answer script. In due course the student will be communicated and the issue will be processed as per the procedure established by the university.

STUDENT PERFORMANCE AND LEARNING OUTCOMES

AWARENESS OF LEARNING OUTCOMES:

- The development expected in students on completion of the programme of study is informally repeated by teachers to make students aware of the same.
- Teachers prepare learning objectives of the subjects they teach and the same is shared with students. It is also documented in academic activities files.
- General expectations of student enrichment are displayed on the campus at places frequently visited by students.
- Students learning outcome of the programme of study is shared with students in the department by teachers.

Result Analysis for the past four years:

Name of the Program	Pass Percentage			
	2010 – 11	2011 – 12	2012 – 13	2013 – 14
B.A	45	44	60	38
B.Sc	41	44	38	43
B.Com	88	69	53	54
B.B.M	93	93	96	72
MBA	89	87	100	97
MCA	75	69	82	79
MHRM	85	88	86.5	78.6
M.A /MSc (Mathematics)	44	67	41.7	70
M.A (English)	38	33	29.8	17
M.Sc (Org. Chem.)	71	55	51.5	72.7
M.Sc (Bio-Tech)	100	74	84.3	100
M.Sc (Micro-Bio)	97	82	90	90
M.Sc (Bio-Chem)	100	63	83.3	53.8
M.Sc (Analytical Chem)	39	29	27	52

- The institution has an effective system (Class Teacher System) to monitor student's attendance / regularity to classes / labs/ internal exams communicating the performance to stake holders, suggesting, correcting and monitoring their compliance, through counseling the students in an atmosphere of friendship and affection.

- Records are maintained for individual students. Their progress and attendance details are recorded and communicated to their parents either through message service or by personal interaction.

- Recognition and rewards are given for achievements, for creative and innovative contributions.
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ACTION PLAN FOR ACHIEVING LEARNING OBJECTIVES:
Strategies followed to achieve learning objectives:
Plans for achievement of learning objectives are multi-dimensional:

- To make the slow learners qualify the university exam.
- To enable advanced learner's to acquire advanced knowledge and skills for success in University exam with good grades
- To enable students who are exceptionally talented in Sports and Cultural fields to participate in the events and enhance their abilities.
- Retention of teachers basing on merit and experience.
- To make available adequate infrastructure facilities for smooth and effective conduct of teaching and learning activities.
- Training students in employable skills such as - communication skills, soft skills, arithmetic and reasoning skills.
- Organizing industry interface for knowledge enhancement and job recruitments.

- Helping advanced learners to gain a competitive edge over others through Add-on programmes in domain skills.

Teaching Strategies:
- In addition to class room teaching students are stimulated for effective learning through few other methods such as - Case study methods, peer discussions and peer group learning, project works.

Assessment strategies:
- Tests are designed on objective and subjective questions for clear understanding of concepts.
- Sharing the performance with students and guiding them for improvement.

STUDENT PLACEMENT:

Student placement is the core activity of the Institution where CGPC constantly works with a sole objective to secure jobs for students. Students are motivated towards entrepreneurship by conducting workshops.

The Institution is making efforts to inspire students towards research as the college has three (3) research centres.

To enhance the social and economic relevance of the programmes of study offered on the campus. The institution took initiatives such as:

- Skill Development Centre works on the campus with professional trainers training our students in employable skills. The training is in skills such as - communication skills, soft skills, arithmetic and reasoning skills.
- Knowledge is imparted through specially designed add-on programmes to give students a competitive edge over others for success at work places.
- To infuse in students the scientific temper and innovation mind set the college encourages and funds activities such as – exhibitions, science festivals, organizing interaction with experts in the science field, celebrating days of scientific importance and remembering the contributions made by scientists etc.
- Every year competitions in current Corporate Affairs and Elements of Commerce were conducted in the name of Our College President (Late) Sri.V.B.V.Reddy . First, Second and Third prizes worth cash Rs.3,000/-, 2,000/- and 1,000/- was awarded to the winners.
- This year a competition in Competence in Accountancy for +2 and Intermediate students was conducted and a cash prize of Rs.10,000/- was awarded.
- Also awards for creative and innovative contributions on the campus are in place.

MEASUREMENT OF LEARNING OUTCOMES:

Marks as Yard Stick: Marks obtained by students in core subjects of study in internal exams are systematically recorded and trends are observed and shared with the concerned students.

Students whose learning outcomes fall below expectations are counseled and plans are drawn to overcome their barriers through remedial classes, extra coaching, self study tips, changing the medium of instruction, etc whichever is appropriate.

Training in employable Skills: At regular intervals tests and mock interviews are conducted to assess the learning outcomes. Based on the performance, students are individually suggested to overcome their barriers.

At the time of placement drives, the visiting HR team is requested to summarize the performance of the students. Based on such feedback, suitable amendments are implemented to the teaching and learning aspects of skills training.

Assignment Work: Teachers check the reports prepared by students as part of assignment work and project report and wherever the expectations of learning outcomes are not met, the students are individually guided on ways to overcome them.

MONITORING THE ACHIEVEMENT OF LEARNING OUTCOMES:

Responsibility and accountability:

Learning outcomes of various departments are outlined in consultation with the functionaries in departments. Line of authority is fixed to monitor and ensure accomplishment of learning outcomes.

At lower level of supervision, HODs are authorized to monitor the performance of teachers and are accountable to the next level of supervision i.e., Dean / Principal. All Deans / Principal are accountable to the director for the performance of departments in their respective purview. Monitoring the activities by the authorized functionaries is done in a smooth manner.

Peer Team's Report:

Peer teams assessment of the performance of departments is periodically done. Once in a year duly constituted peer teams visit departments to study the data, interact with functionaries and to submit assessment reports to the director on the performance of departments. Based on the findings, follow up steps are initiated to overcome the draw backs.

STRATEGIES FOR ACHIEVEMENT OF LEARNING OBJECTIVES PLAN:

Process: Students are categorized on the basis of their interests / abilities. Teachers   guide students in their respective areas of interest. Some other teachers take care of advanced learners to train them in subject knowledge, add-on programmes and Skills Development Programmes.

Some teachers take care of students needs relating to cultural activities. Physical Education department takes care of the requirements of sports talent.

A series of internal exams are conducted, the performance details are shared with students and the required corrective measures are suggested by teachers. In addition, add-on programmes and skills development programmes are also offered to the deserving. In the area of sports regular practice sessions and training camps are conducted with the help of expert coaches from outside to train students in various events.

Achievements: Students of most of the departments excel in University exams. Students of M.Sc (computer science) and Microbiology secured University First ranks. Pass percentage improved with increase in first classes and distinctions have also gone up.

Many students are selected for employment through campus drives because of their good academic record, knowledge in subjects of study and abilities of communication and soft skills.

Students participated and secured prizes in co-curricular competitions conducted Students of this College are winners in competitions for Sri. V.B.V.Reddy Awards – for

(1) Knowledge in Current Corporate Affairs
(2) Knowledge in Elements of Commerce
(3) Competence in Accountancy.

Also, the students participated and won the prizes in competitions conducted at GITAM University.

The students of this College are selected in campus drives and employed in companies because of the efforts of the programmes given to them by Skills Development Centre. The coordinative efforts between Placement Cell and Skill Development Centre have resulted in good placements.

Students participated in competitions conducted at other universities and colleges in co-curricular and cultural activities and won a good number of positions and prizes.

The accomplishments of the students in the field of sports have been recognized well in the city.

Criterion III
RESEARCH, CONSULTANCY AND EXTENSION

PROMOTION OF RESEARCH

RESEARCH CENTER
Research in the Institution is given due importance. The Post Graduate Department of Microbiology was recognized as Research Centre in the year 2007 and department of Management Studies in 2014 by Andhra University. The research centre is equipped with latest Equipment to facilitate the research activity. Department of English applied in 2015 for recognition as Research centre.

RESEARCH COMMITTEE:
A Research Committee was constituted to monitor and address the issues of research. Members of the Committee are nominated by the Secretary& Correspondent. The committee is headed by the Director, AC & CA. Other members of the Committee are:

– Internal Research Coordinator (HOD , of the respective Dept.)
– External Research Coordinator (Expert from Industry)
- Dean
– One Faculty Member
– One Member from University

- The research committee promotes an atmosphere conducive to research by motivating teachers to pursue research activity and by evaluating research proposals submitted by the teachers and mobilize resources for funding of projects selected and recommended by the Research Committee (RC).

- Some of the recommendations of the RC include setting up of research centre in the college in the departments that satisfy the eligibility criteria prescribed by the university, developing interface with the industry for collaborative research projects beneficial to both college and industry and requesting the government funding agencies to sanction research grants to the faculty for the project proposals submitted by them.

MEASURES TAKEN TO SUPPORT RESEARCH ACTIVITY:
- The principal investigator enjoys the autonomy to design plans for implementation of the projects sanctioned and to spend as per the norms stipulated.
- Budgets for the projects are prepared and approved in advance. As and when funds are required they are sanctioned and released to promote research activity.
- Research labs are fully equipped with equipment and resources to conduct research activities. Research Coordinator has been motivating staff to submit research proposals for funding by the college

management. The proposals received are screened by him and the deserving proposals are recommended for funding.

- Teachers are supported with facilities such as leaves, reduced workload, etc., to encourage research activities.
- Teachers are permitted to use the infrastructure facilities on the campus
- For funds sanctioned from internal sources, an effective internal auditing of accounts is in place.

EFFORTS TO CULTIVATE SCIENTIFIC TEMPER AND RESEARCH ATTITUDE:

Attempts are made to build research culture through exposing students to the lives and works of scientists and role models in the society. Their way of thinking and working, inspire students to follow their path.

Teachers constantly motivate students to involve in research activity and study various topics which are contemporary to inculcate research attitude among them.

Science exhibitions and competitions are conducted on the campus on recent inventions and their application.

RESEARCH ACTIVITY OF FACULTY:

Name of the Student	Course	Year of Admission	Status	Guide & co-guide
L.Sujatha	M.Phil	2009	Awarded in 2012	Dr.T.Lalitha Govardhan
K.Suri Babu	Ph.D. (Part Time)	2008	Thesis submitted – 2013	Dr.T.Lalitha Govardhan & Prof.K.P.J.Hemalatha, Andhra University
S.M.Kartika	M.Phil (Full Time)	2011	Pre-Ph.d exam passed, submitting thesis soon	Dr.T.Lalitha Govardhan
S.Rama Devi	M.Phil (Full Time)	2010	Pre-Ph.d exam passed, submitting thesis soon	Dr.T.Lalitha Govardhan
K.Venkata Deepthi	M.Phil (Part Time)	2011	Pre-Ph.d exam passed, submitting thesis soon	Dr.T.Lalitha Govardhan

Research Progression of the Students:

Name of the Student	Degree	Status	University	Year
Dr.M.Sashi Prabha	Ph.D	Awarded	Andhra University	2012
Dr.G.Esther Rani	Ph.D	Awarded	Andhra University	2011
P.Suneetha	Ph.D	Registered	Gitam University	2008
G.Suneetha	Ph.D	Registered	Gitam university	2008
K.Sruthi Keerthi	M.Phil	Awarded	Andhra University	2010
M.Naresh Reddy	Ph.D	Thesis submitted	Andhra University	2013

Research activity of our faculty:

Dr.I.Parthasarathi, Principal of the college, who recently retired completed a major research project entitled "Entrepreneurship in Tribal Areas in India: A study of selected states" in 2011, which was sanctioned by the University Grants Commission in 2008.

Dr.G.Lokeswara Reddy is working on a minor research project entitled "Synthesis and Characterization of Hetero Cyclic Compounds as Bioactive Molecules" sanctioned by the South Eastern Regional Office (SERO) of the UGC, Hyderabad in the year 2008.

The institution encourages the departments to promote research culture by conducting various workshops on sensitization programmes by inviting renowned researchers to address the faculty & the students. The department of Microbiology in the year 2012 has organized decennial seminar.

Researchers who visited the College:

The following Researchers visited the college and interacted with the students and faculty.

Name of the Department	Name of the Visitor and the Institution represented	Topic
Mathematics	Dr.K.Venkateswarulu, Associate Professor, University of Ethiopia, Addisababa	Boolean Algebra
Microbiology	Dr.P.Appa Rao, Dept of Microbiology, Andhra University, Visakhapatnam.	Molecular diagnosis of various infectious diseases
	-do-	Tumour immunology and immunotherapy
	Dr.S.L.N.PrasadReddy, Asst.Professor, Krupanidhi College of Pharmacy, Bangalore.	Molecular Dynamics
	Prof.C.Vijayalakshmi, Dept of Zoology, Andhra University, Visakhapatnam.	Gene Mutations

Name of the Department	Name of the Visitor and the Institution represented	Topic
	Prof.G.Subba Rangaiah, Dept of Microbiology, Andhra University, Visakhapatnam.	Biotechnology of Micro Algae
	Dr.K.Santha Kumari, Rtd. Professor, Andhra Medical College, Visakhapatnam	Human Cancer: Preventive Methods.
Bio-chemistry	Dr.N.Srinivasa Rao, Rtd. Professor, Andhra Medical College, Visakhapatnam	Diabetes Mellitus
	Dr.A.S.N.Murthy, Professor, Dept of Chemistry , Andhra University, Visakhapatnam	Spectroscopy and its applications.
Biotechnology	Prof.V.V.S.Suryanarayana, Principal Scientist, Indian Veterinary Research Institute, Bangalore.	Applications of Biotechnology in Animal Science and Vaccine Development.
	Prof.A.Rama Rao, Dept of Biochemistry, Andhra University, Visakhapatnam.	The ill effects of immune system.
	Prof.T.Ramana, Dept of Biotechnology, Andhra University, Visakhapatnam.	Biotech: Past, Present and Future.
	Prof.K.Uma Devi, Dept of Botany, Andhra University, Visakhapatnam	DNA - Finger Printing.
Management studies	Mr. Santhosh Kumar Mahapatro,	Guest lecture on SAP modules for HR students
	Mr. Sivarama Krishana, ICSI	Companies Secretaries
	Mr. Sandeep Sekhawat, CIA	Importance of MS- Office Packages for managers
	Mr. Rajendra Kumar Jain, Junior chamber international	Managers and Leaders
	Mr. Shaik Madina	Hospitality Management
English	Prof. K. Lakshmi Devi	Leo Tolstoy's works
	Prof. T. Viswanadha Rao	Communication Skills

Research areas and the Expertise

Faculty from Microbiology (PG) and Management (PG) have been recognized as the research guides.

S.No	Name of the Department	Name of the Faculty	Area of Expertise
1.	Micro Biology	Dr.T.Lalitha Govardhan	
		Dr. M.Sashi Prabha	Industrial Micro - Biology
2.	Management Studies	Prof. K.V.S. Patnaik	Human Resource Management

Efforts of the institution in attracting Researchers

The institution is successful in attracting eminent researchers in various fields of knowledge owing to its long standing reputation with University Professors, and Industry relations.

Percentage of the faculty has utilized Sabbatical Leave: *Nil*

Initiatives taken up by the institution in creating awareness of relative findings of research

The institution has always been supporting, research activity of the faculty. At departmental level, research papers are presented to an audience of students and staff at intervals.

RESOURCE MOBILIZATION FOR RESEARCH:

The research projects are funded by the institution based on merit and approved by the research committee.

Interdepartmental resources: Some of the departments such as Commerce and Mathematics, Micro-biology and Bio-chemistry are engaged in research with the help of other departments such as Mathematics, Statistics and Chemistry, whenever necessary. So far inter-disciplinary research in the college has not faced any problems/challenges and has been smooth due to voluntary co-operation extended by teachers of other departments.

Percentage of the total budget earmarked for research

Research Budget Allocation for the Department of Microbiology

	2011-12	2012-13
Budget allocated	Rs 1,10,000	Rs 80,000
Equipment	61,979	16889
Glass ware	33,555	4044
Chemicals	7808/	33563
Kits	Nil	12595
Seminars Attended	Nil	1250
Total	1,03342	71331

Provision in the institution to provide seed money to the faculty for research : NIL

Financial provisions made available to support student research projects by students?

NOT IN PRACTICE

Inter-disciplinary research:

Provision for inter disciplinary research in the institution is available in Microbiology research center.

OPTIMUM UTILISATION OF EQUIPMENT:

Optimum utilization of equipment and research facilities on the campus is ensured through co-ordination among user departments. Departments in Life sciences are utilizing the equipment installed in one department for their research work and thereby the equipment is optimally utilized.

SUPPORT FROM FUNDING AGENCIES

Nature of the Project	Duration	Title of the project	Name of the funding agency	Total grant		Total grant received till date
				Sanctioned	Received	
Major projects	2008 – 2011	Entrepreneurship in Tribal Areas in India: A study of selected states	UGC	7,30,000/-	7,30,000/-	Completed
Minor projects	2008	Synthesis and Characterization of Hetero Cyclic Compounds as Bioactive Molecules	SERO, UGC	90,000/-		

- Dr.G. Lokeswara Reddy of PG-Chemistry department was sanctioned a grant of Rs. 90,000/- for a minor project entitled "Synthesis and Characterization of Hetero Cyclic Compounds as Bioactive Molecules" from the S.E.R.O., UGC, Hyderabad in 2008 and the same is in progress.
- The UGC, New Delhi sanctioned a financial assistance of Rs.7.30 lakhs in 2008 towards a major research project entitled "Entrepreneurship in Tribal Areas in India: A study of selected states" undertaken by Dr.I.Parthsarathi, Principal of the college (recently retired) and the same was completed in 2011.

Enumerate the support provided to the faculty in securing research funds

Faculty members are given academic freedom and full support to pursue research and secure research funds from UGC, DST, AICTE etc. Staff members have access to high speed Internet facility to access the web and travel expenses are also met by the Institution if required by research faculty.

RESEARCH FACILITIES:

The institution offers all facilities available on the campus for the research work. Computer Science and Life Science labs are made open for research projects approved by research committee. Library is equipped with good number of books with National and International Research journals.

Computers with internet facility are available in all the departments of the college, in addition to the Equipment, Glassware, Chemicals, and Culture Media.

The equipment includes – Laminar Airflow, Trinocular and binocular microscopes, Incubators of shaking, BOD and Bacteriological types, Deep freezer, and Deep freezing centrifuge, Electrophoresis, Distillation Unit, UV Spectrometer Incubator, UV Trans Illuminator, Electronic Balance, Hot Air Oven, Ultra Centrifuge and Refrigerator.

STRATEGIES FOR INFRASTRUCTURE DEVELOPMENT:

The college encourages teachers with an aptitude and flair for research to come forward with proposals containing details of the topic of their interest. The research committee screens such proposals and recommends to the management for approval and necessary assistance. The committee examines the requirements of infrastructural facilities and suggests the management accordingly. There upon the prescribed procedure is followed to enable the teachers to pursue their research.

Institutional strategies for planning, upgrading and creating infrastructural facilities

The Institute has a policy to upgrade the infrastructural facilities for the purpose of research. In this connection, the Secretary and Correspondent, Director AC&CA,   Research Director and concerned Deans constitute a committee to understand and provide the needs of researchers in the emerging areas.

A meeting of the committee is held, to discuss and to arrive at conclusions on the needs of the research in accordance with the growing demand of the industry.

The facilities are provided promptly in compliance basis with the Purchasing policy of the Institute. A control system is in place for the security and safety of the assets and their usage.

There is a monitoring system to observe, inspect and evaluate the functioning of the research.

Institution received any special grants or finances from the industry
- NO –

Research facilities made available to the students and research scholars outside the campus / other research laboratories:
Keeping in mind the growing needs in the area of research, the Institute has been making efforts to sign MOU's and Industry tie-up, with industrial to give access to and to expose students to research and development.

Library/ information resource center:
To enhance the research work in the institution, well equipped libraries are provided. A library in PG block and another in the UG block are functional. Laboratories in each bio science department are available along with a separate research laboratory in Microbiology.

Collaborative research facilities developed/ created in the college
Not Applicable

RESEARCH PUBLICATIONS AND AWARDS

Major research achievements of the staff and students
-- NO –

Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Give details of publications by the faculty and students:

RESEARCH PUBLICATIONS:

Table below shows the details of academic work and publications of our teachers:

Department	No.of Publications per faculty 2010-2015	Books with ISBN/ISSN numbers with details of publishers	Number of publications listed in International Database	National Seminars 2010-2015	International Seminars 2010-2015	Chapter in Books	Macmillan Publications	Peer Reviewed Journals
P.G *Mathematics*					1			
English	03	-	-	2			-	-
Biochemistry	17	-	2	4		-	-	-
Bio-tech-Nology	7	1	-	8	2	-	-	-
Micro-Biology	25	-	24	08	01	-	-	-
Chemistry	3	-	02	02	02			
MHRM	7	-	07	06	-	-	-	07
MBA	5	-	1	20	8	-	2	-
MCA	1	1	1	-		-	-	-
U.G: Chemistry	2	-	-	-		-	-	-
Mathematics	-	-	-	-		1	-	-
Commerce	-	-	-	-		1	-	-
Micro-biology	2	-	-	-		-	-	-
Zoology	6	-	-	-		-	-	-

Provide details of Awards, Recognitions, Incentives received by the research faculty

NATIONAL & INTERNATIONAL RECOGNITIONS TO OUR   FACULTY:

- Prof. K.V.S.Patnaik was invited to chair a technical session on "Technology-II" at the International Conference on Technology and Business Management organized by INFORMS and UAE at Dubai during 18th – 20th March 2013.

- He chaired a technical session on "Rural Marketing "in Tenth AIMS International Conference on Management held in IIM-B campus during 6th – 9th Jan 2013.

- He participated in MDP conducted by IIM-B during 11th – 14th September 2012.

- He chaired a technical session on "Small and Medium Enterprises" in an International Conference, ICTBM-2012 conducted by University of Wollongong at Dubai during 26th – 28th March 2012.

- He participated in MDP conducted by IIM-A during 12th -17th December,2011.

- He represented the college as a delegate in "KNOWLEDGE-2009 " a Work Shop conducted by AIMA (All India Management Association) and chaired by Hon'ble Minister Sri. Sachin Pilot and Sri. Sam Pitroda held at New Delhi during 07th – 08th October, 2009.

CONSULTANCY:
Career Guidance and Placement Cell does the preparatory work for consultancy by interacting with external agencies.
Staff is motivated by the management to be creative and innovative. The college successfully bagged an offer from National Thermal Power Corporation (NTPC) to conduct a programme on Communication Skills for its employees and teachers' expertise was used for this purpose.

Systems and strategies for establishing institute - industry interface
Career Guidance and Placement Cell plays a pro-active role for building institution – industry interface.
The strategy is to enhance interaction between the institution and the industry so as to understand the expectations of industry from educational institution and to build the institution as a resource pool for mutual advantage.
In pursuance of the strategy, the following activities took place.

- Experienced people from industry visit the college for panel discussions and guest lectures, so that students and staff are exposed to knowledge / experience / expectations of people from industry.

- Industrial visits / field visits are organized for students to gain practical knowledge.

- Training programmes take place on the campus to enhance the skills and knowledge levels of students with respect to Industry expectations to give them a competitive edge over others.

Promote consultancy
Programmes to enhance the Domain knowledge and soft skills of students are designed and implemented in the college and subsequently such services are extended to outside as consultancy.

Institution's encouragement to staff for consultancy services

The college gives an access to all the facilities available on the campus to the teachers for developing and delivering consultancy services. In addition, workload relaxation is also offered. The Secretary and Correspondent extend support to consultancy activities.

Consultancy services provided by the institution and the revenue generated

  a. The CGPC has organized Executive Development Programme for NTPC for Middle level Managers for Four days on Development of Soft Skills on 17th, 18th, 19th and 20th January, 2012 covered the following topics and generated a revenue of Rs. **46, 800**/-

    1. Presentation Skills
    2. Communication Skills
    3. Team Work
    4. Behavioral Skills
    5. Interpersonal Skills

  b. The campus provided classroom training and student centered learning for 60 students of Life sciences, in connection with the MOU signed with PENA 4 on medical coding. The institution has generated revenue of Rs.12, 00,000/- from this program in the financial year 2011-12.

Policy of the institution in sharing the income generated through consultancy

The institution has made a definite policy for sharing the income generated through consultancy in the ratio of 20:80 to the staff and the Institution. There is no pre intended policy for the institution with respect to its utilization of this income, as it was a practice to meet the needs as and when demanded.

EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR):

Extension activities are conducted in the neighborhood with the involvement of our NSS and NCC units. Students try to create awareness among people and educate them on issues of social relevance, education, health and environment.

COMMUNITY ENGAGEMENT:

The institution-neighborhood-community network is promoted through National Service Scheme (NSS) and National Cadet Corps (NCC) activities. Every year, the institution using the services from NSS group, adopts a village and conducts various educational activities, medical and health services to the villagers. The students are engaged in service activities to create awareness among people on important and socially relevant issues such as Health & Hygiene, Literacy, Conservation of Water, Greenery, Environment, Pollution, Blood donation camps, Eye Testing Camps and Health Check up camps.

Involvement of students in activities noted above enables a better understanding of the society around, enriching their people skills and improving their maturity levels in handling issues / problems.

National Service Scheme (NSS) and National Cadet Corps (NCC) are the mechanisms in the college involving students in various social and patriotic activities.

Similarly, NCC students involve in the celebration of national functions such as Independence Day and Republic Day parade.

Students' involvement in various social movements / activities
The institution ensures the student involvement in social service activities which is monitored by the program officer at every extension program so that they can be guided and corrected wherever and whenever necessary. These activities are recorded in the form of a report including photographs and the letters from the concerned authorities. This mechanism helps the institution to keep a track of the students involved in the extension activities.

EXTENSION ACTIVITIES:
- Organised a National Seminar on "Microbial Technology for Environment Protection", December,2011.

- Medical Camp conducted on "Swine Flu' pandemic and distributed preventive medicines in association with AYUSH Cell, Govt. of Andhra Pradesh, 2009.

  1. NSS and NCC students participate in extension programmes in the neighborhood. Some programmes are weeklong camps while some are one day campaigns on UN recognized days to make people aware of the theme of the day.

  2. For NSS activities the budget is fixed by Andhra University as Rs.15,000/- per year. Sometimes the college management supplements the budget to meet extra expenses.

  3. Extension activities conducted are on – Sanitation and Health care, Literacy, Greenery & Environment, Prevention of Violence against women, Eye testing camps, International Youth Day, International Literacy Day, Hand wash day, Campaign against use of Plastic covers, Water Conservation, etc.,

  4. The involvement of students with people and issues broadens their understanding and experience, and helps them to reach a level of maturity to become role models for others on those issues.

Institution's stakeholder perception on the performance and quality of the institution:
The institution has no formal mechanism to solicit the stakeholder's perception on the overall performance and quality of the institution. However,

an informal mechanism is operational. The feedback is taken from the parents during parent – teacher meetings, regular inspections by University authorities for PG Courses and academic audits for UG Courses. Opinion of the students is also collected through informal exit feedback mechanism.

Institution plan and organizing its extension and outreach programmes:
The NSS Unit is supported financially by Andhra University. The annual budget allocated for NSS activities is Rs. 60,000 and Rs. 21,000 for any special camps organized by the institution. With the available finances, the extension and outreach programmes are planned and organized.

OBJECTIVES OF EXTENSION ACTIVITIES:
Academic learning is incomplete without core values and social experiences. Extension activities complement the two. Extension activities enable students to associate with people who are socially and economically backward, to educate them on the basic issues such as health & hygiene, conservation of natural resources, empowerment through literacy need for greenery, etc.,

Participation in such programmes enhances a sense of care for the others. The observation and interaction with people widens their exposure and helps them to develop people skills and gain maturity to face the challenges of life with confidence. Extension activities are nation building activities of helping others and at the same time developing themselves.

Institution promote the participation of students and faculty in extension activities:
The institution encourages faculty to participate and to take up positions such as Program officers to render their services to the Nation. The institution also gives opportunity to the officers for the conduct of social activities without any reservation. The officers are also provided with "on duty" facility when necessary. Students are also allowed to work and participate in all social activities and they are supported by their teachers and concerned departments by giving them attendance as well.

Social Surveys, Research Or Extension Work Undertaken By The College:
The institution is always ready to take up activities to educate and ensure social justice and empower students from under privileged and vulnerable sections of the society.
Students from PG and UG conducted educative programs on Women Empowerment, Child Labor and Human rights in the year 2014.

Objectives and expected outcomes of the extension activities organized by the institution:
The institution believes that academic learning is never complete without learning to feel sympathetic and compassionate for people who are less fortunate compared to themselves. When students are sent out in groups for extension and outreach programs, working in teams enables them to learn maintaining group relations, building group cohesiveness and leadership skills. Decision making skills and spontaneity are also inculcated. Students

also overcome inhibitions regarding public speaking, self respect and self esteem.

Initiatives of the institution that encourage community participation:

Social service activities cannot take place without the active involvement of the community members. Local leaders of the adopted village are consulted in advance to finalize the   programmes to be taken up and for enlisting their cooperation at all stages from the time of inauguration till the conclusion of the camps. Community leaders are involved in designing programmes pertaining to:

- Improving literacy
- Cleanliness
- Awareness of HIV
- Creation of community assets

The Programme Officer of NSS visits the place of camp, meets local people, identifies their problems and evolves programmes for implementation. These initiatives encourage and ensure participation of the local community in the programmes undertaken at special camps.

The college with the participation of residents of the village conducted programmes on water conservation, non-bio degradable waste management.

 The college also invited people from the village to participate in health (eye testing) camp conducted on the campus and also to national festivals such as Independence Day and Republic Day.

Constructive relationships forged for working on various outreach and extension activities:

Blood donation camps are conducted in association with Krishna College and HDFC Bank

- All social service activities are implemented under the guidance of Andhra University
- Blood Pressure Testing Camp in collaboration with PRISM institute was conducted.
- The college NSS Program Officer is Counsellor for Youth Red Cross in the city.
- A dental camp was organised at the adopted village in association with Colgate India Plus
- An Eye camp was organized in association with Vasan Eye Care
- Regular health check up is conducted in association with Subbirami Reddy Health Organisation.

Awards received by the institution for extension activities:

The NSS Program Officer is awarded "Raktha Bandhu" by the State Government for his committed social service in the year 2014.The officer is also appointed as permanent resource person by the Andhra University to train other Program officers.

NCC officer, Dr. Lankapalli Bullayya College, received State Level Best NCC Officer (DDG Commendation Card, 2015 at Head Office, Secunderabad. He also received best NCC officer at District level in the years 2007, 2008, 2009 and 2010 consecutively.

Collaboration:

There are formal agreement/ understanding between the institution and other HEIs or agencies for training/student exchange/faculty exchange/ research/resource sharing etc.

Institution collaborate and interact with research laboratories, institutes for research activities:

The college signed MOU with Pena4 Tech Solutions; a US based medical coding company, in 2011. It jointly worked with the company for selecting students and training them in the premises by experts for medical coding positions. An MOU with Wipro as campus partner was also signed.

Such Industry-Institution interaction helped us to understand industry expectations from the institution. Based on it students are trained in employable skills for their success at placement drives.

The institution has professional association with agencies like CIIA, VITA, WCN, and IBM. The placement cell also has initiated a dialogue with these companies to link up with them as knowledge partners subsequently leading to accreditation relationships. Negotiations are in progress with TCS, WIPRO, Capital IQ and Tech Mahindra as knowledge partners to provide employment in their respective companies at the end of their training program. The purpose of these initiatives is to enrich students with the knowledge / technology.

BENEFITS FROM INDUSTRY LINKAGES:
- Curriculum Enrichment: Association with the Capital IQ. Inc (a division of Standards and Poors, USA) enabled the college to design exclusive sessions on capital markets for MBA (Finance) students and to enhance their job opportunities with Capital IQ.

- Internship / on the Job training: Initiatives have been launched with companies like HSL, Coromandal Fertilizers , Soham, IMI Mobiles and Aspire to send students for internship in these companies, leading to subsequent placements. The internship duration is three to six months with stipend.

- Consultancy: An EDP in NTPC, a public organization, on Communication Skills in the year 2012 was organized by the college.

- Student Placement: Continuous association with a good number of companies enabled to understand industry requirements and train students to suit their requirements. This effort resulted in more than 240 placement offers in more than 30 companies.

MOUs with institutions/other universities/ industries and their contribution to the development of the institution:

The following are the systematic efforts the institution planned and implemented for linkages with the industry.

1. Industry interface programme was organized in 2012 with senior functionaries from different sectors for discussion on student empowerment.

2. To invite functionaries from different sectors of the industry to address students on the opportunities available in their sectors and the skills requirements.

3. To extend resources support to companies to conduct on campus placement and exposing them to the details of special programmes offered in the institution.

4. Systemic planning and implementation of the above steps resulted in establishment of linkages with companies, such as an MOU with Pena[4], a New York based health care company for selecting life sciences students, giving pre placement training with stipend and subsequently placing them on the job.

5. The college enjoys preferred campus partner status with Wipro Technologies and Wipro BPO, L & T Infrastructure, IDBI, DELL and Leap International.

Industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution

-- NIL --

Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

-- NIL --

Linkages/collaborations that resulted in formal MoUs

The institution signed MOUs with –

- Pena[4], a medical transcription company registered in New York.
- NASSCOM
- TALLY INC
- CII
- VITA. (Vizag IT Association)

Pena[4] Company selects our students from life sciences at UG and PG levels. The selected students are given job training on the campus by the resource persons from the company in r classrooms and computer laboratories. During the training period, students are paid a stipend of Rs. 5000/-pm. On completion of the academic program students are absorbed into the company.

Similarly MOU with NASSCOM helps students to be ready with the required skills. NASSCOM trains teachers under the train the trainer model. In turn our trained teachers train students on the syllabus prescribed by NASSCOM and on completion of the training the students are evaluated by NASSCOM and certified.

TALLY INC is helping students to get training in computerized accounting in the on the campus. On completion of the training, the students are evaluated and certified jointly by TALLY INC and institution. This linkage is to enable student's to be job ready with adequate skills in accounting.

Linkages/MOUs in Pipeline:
The institution is negotiating with STPI and WNC for MOUs / linkages for training and employing of students. STPI is a government wing, while WNC is a Multi National Outsourcing Company.

CII: The Institution is a member of Confederation of Indian Industry. This linkage is help to interface with industry for the benefit of students by sharing industry perspective and expertise.

VITA: The Institution is a member of Visakhapatnam Information Technology Association (VITA), a body representing IT industry in the city. Linkage with VITA is aimed at benefiting students to grown Knowledge, Skills/ employment.

The College has tacit understanding with some companies to be their preferred partners for some years such as WIPRO, L&T, LEAP INTERNATIONAL, TECH MAHINDRA, CAPITAL IQ, KANURIA CHEMICALS, SRI CHAITANYA TECHNO SCHOOLS, TCS, CAPGEMINI, CHEGG, TAIFECTA and PROSPECTA.

Systemic efforts in planning, establishing and implementing the initiatives of the linkages/ collaborations:

The systematic effort of the CGPC is the nodal point on the campus that plans and works on the proposals on linkages and collaborations. The CGPC launches the initiatives and conducts initial negotiations with outside agencies and places the detailed proposals on the table for internal discussions and decisions. The consensus arrived at internal meetings is recommended to the Secretary and Correspondent for final approval.

Criterion IV
INFRASTRUCTURE AND LEARNING RESOURCES

The institution has developed the required infrastructure for effective conduct of academic and extra-curricular activities through facilities such as classrooms, library and laboratories. The focus of this criterion is presented in the following items.

PHYSICAL FACILITIES:

 Institution policy for creation andenhancement of infrastructure
The requirement of infrastructure is planned taking into consideration the student intake. The class rooms, furniture, lab equipment and books in the library, are envisaged before commencement of the programme.

The infrastructure facilities are optimally used wherever possible. Computer labs and English Language Lab are put to optimal use through sharing by all departments . Similarly, classrooms are optimally utilized by sharing for regular class work, add-on programmes and communication skills classes.
Master plan of the campus is enclosed.-
Layout plan – Annexure – 1.

AVAILABLE INFRASTRUCTURE FACILITIES:
In case of newly commenced programmes, the policy is to assess the requirements in advance and acquire / install / build the infrastructure before the programme commences.
With regard to the established courses infrastructure is improved as per requirement. The following facilities are available for curricular and co-curricular activities:

Curricular:

	UG	PG
Class Room	26	21
Seminar Halls	01	01
Tutorial Rooms	02	04
Technology enabled class Rooms	01	02
Laboratories	19 Computer Lab – 3; (Physics – 3; Electronics - 2; Chemistry – 4; Botany – 1; Zoology – 1; Biotechnology – 2; Microbiology – 2; Biochemistry – 1)	15 Computer Lab – 2; Digital Electronics Lab – 1; (Microbiology – 3; Biotechnology – 3; Biochemistry – 2; Chemistry – 3; Research – 1)

b) **FACILITIES PROVIDED FOR EXTRA-CURRICULAR ACTIVITIES:**

1) Gymnasium of 20 stations and multi units
2) Students' Recreation facilities: Carroms and Chess
3) Indoor Facilities: Table Tennis
4) Outdoor Facilities: Cricket ground - 1
   1. Football field - 1
   2. Hockey field - 1
   3. Volley ball courts - 2
   4. Throw ball court – 1
   5. Kabaddi court – 1
   6. Handball court – 1
   7. Basketball court – 1
   8. Cricket nets – 5 strips
   9. Athletic track – 200 mts

5) National Service Scheme (NSS): The entire infrastructure required to conduct the activities is available.

6) National Cadet Corps (NCC): There are 300 students in NCC spread over the following units.
   - 2(A) Arty Bty NCC   -   100 boys (Army)
   - 13 (A) Girls BN NCC   -   50 girls (Army)
   - 6 (A) AIR SQN NCC   -   100 boys and girls
   - 4 (A) NAVY MED NCC   -   50 boys and girls

The infrastructure requirements for smooth working of all the above units are available on the campus.

7) Communication Skills Development: A separate department is established to train students in employable skills such as communication and soft skills, arithmetic skills and reasoning skills.

Institution's plan to ensure that infrastructure is in line with its academic growth:

Though the institution has no specific plan, it operates on a need-based infrastructure plan in line with academic growth. The optimal utilization of infrastructure is achieved through time-table adjustments and optimal usage of seminar halls, technology enabled class rooms, tutorial class rooms and LCD projectors. However, there are some future plans to procure more resources.

The amount spent on improving the learning facilities for the last four years is as below.

Facilities	Expenditure incurred
English Language Lab (2008 – 09)	1.50 lakhs
Over Head Projector	1.30 lakhs
LCD Projectors with sound system	1.5 lakhs
Generator	2.50 lakhs

Requirements of students with physical disabilities:
The requirements of physically disadvantaged students are catered to by shifting their class rooms to ground floor.

Residential facility

- NOT APPLICABLE –

HEALTH CARE FACILITIES:
The college provides first aid facility only. However, health care insurance of students and staff is taken care of. The details are as noted below.

Health Insurance: Students are covered under insurance schemes and the premium is paid by the college. Rs 1 Lakh will be given to the student or to his/ her parents in case of permanent disability or accidental death. Employees are covered under Employee State Insurance Corporation (ESIC). The management has provided the faculty members health insurance under Andhra Bank (AB Arogyadan) policy up to Rs. 1 lakh

Employee State Insurance Corporation (ESIC): The insured will be treated free of charge in ESI hospitals or ESI clinics. In case of permanent disability, the employee will be paid a lumpsum amount, equivalent to a month's pay. Contribution is made by employee only.

Group Gratuity Insurance Scheme: All employees are covered under the scheme. Contribution is jointly made by employees and management.
On accidental death, the employee will be paid three times the accumulated amount as gratuity amount.
On permanent disability, a month's salary will be paid.

Give details of the Common Facilities available on the campus
Separate offices and facilities are provided for IQAC, career guidance and placement, canteen, recreation for staff and students, drinking water, gym, play fields and indoor games.

S.NO.	FACILITIES AVAILABLE ON THE CAMPUS	DETAILS
1	IQAC	YES
2	Grievance & Redressal unit	YES
3	Women's Cell	YES
4	Career Guidance & Placement Cell (CGPC)	YES
5	Health Centre	YES
6	Canteen	YES
7	Recreation for Staff / Students	YES
8	Drinking Water	YES
9	Auditorium (Open Air)	YES

LIBRARY AS A LEARNING RESOURCE:

FUNCTIONING OF LIBRARY:

- **The Library Advisory Committee**: It is constituted to advice on matters relating to growth of the library. The Advisory Committee comprises the Principal as Chairperson and Librarian as Convener with at least one teacher from each department as members and few student nominees.

- **User friendly initiatives**: Subscription to e-journals and permitting the students to retain books borrowed from the library till the end of their examinations are some of the significant initiatives suggested by the Committee. Fines levied for not returning the books before the specified due dates are kept minimum as they are meant to inculcate discipline but not as a profit making scheme.

Total area ,seating capacity, working hours, layout of the library

Some of the details of the library are as follows:

	U.G	P.G
Total Area of the Library (In Sq.Mts)	643.818 Sq.m	223 Sq.m
Total Seating Capacity	170	80
Working Hours – • On working days • On Holidays • Before Examination days • During Examination days • During vacation	9.00am to 5.00pm	9.00am to 5.00pm - 9.00am to 4.00pm - 9.00am to 4.00pm
Layout of the Library	**Enclosed**	**Enclosed**

PURCHASE OF BOOKS

An established procedure is in practice for purchase of books and journals and other reading material. Staff and students submit lists of requirements of books and journals. Such lists, with the recommendations of the Heads of the Departments concerned, are submitted to Principal / Dean for approval and subsequently they are sent to the librarian. Budgets are approved for procuring books whenever there is a revision of syllabus. Budgets are prepared by the librarian showing department-wise fund allocation. Such budgets are discussed at the meeting of Library Advisory Committee for approval. Thereafter, the librarian is authorized to place orders for those books and journals.

While allocating the budget, major portion of funds are earmarked for meeting the requirements of newly introduced courses and also for procurement of books for courses whose existing stock is found to be insufficient to meet the demand of students. Details of books, Journals, Magazines and newspapers in U.G and P.G libraries are shown in the tables below:

UG:

Library Holdings	2011 – 12		2012 – 13		2013 – 14		2014 – 15	
	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost
Text Books	1685	6,55,927/-	445	84,875/-	2327	4,42,882/-	482	1,12,923/-
Reference Books	3	910/-	3	448/-	8	1,898/-	--	--
Journals / Periodicals	--	4,84,356/-	51	33,662/-	48	33,474/-	48	34,359/-
e-resources	--	--	--	--	--	--	--	--
Any other (specify)	--	--	--	--	--	--	--	--

- The number of C.Ds in the library are – 1104
- National Board for Higher Mathematics (NBHM) Books – 282
- Journals & magazines back volumes bound (Subject related) – 1313

PG:

Library Holdings	2011 – 12		2012 – 13		2013 – 14		2014 – 15	
	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost
Text Books	1279	5,71,138/-	370	1,17,807/-	213	83,563/-	328	1,61,263/-
Reference Books	--	--	--	--	--	--		
Journals / Periodicals	123	1,89,006/-	129	2,03,608/-	114	1,45,550/-	109	1,50,876/-
e-resources		2,63,230/-	--	--	--	--	--	--
Any other (specify)	--	--	--	--	--	--	--	--

ICT and other tools deployed to provide maximum access to the library collection

∗ **OPAC**
∗ **Electronic Resource Management package for e-journals**
∗ **Federated searching tools to search articles in multiple databases**
∗ **Library Website**
∗ **In-house/remote access to e-publications**
∗ **Library automation**
∗ **Total number of computers for public access**
∗ **Total numbers of printers for public access**
  Internet band width/ speed 2mbps   10 mbps   1 gb(GB)
∗ **Institutional Repository**
∗ **Content management system for e-learning**
∗ **Participation in Resource sharing networks/consortia (like Inflibnet)**

- OPAC: Online Public Access Catalogue, as the name suggests is a catalogue of all the materials possessed by the Library. This is the interface between the resources stocked in the library and the users. OPAC is one of the modules in SOUL software.   Soul software was

installed in college library computer systems through to find out all the materials (Books, Thesis, Serials and CD ROMs, etc.)

- Electronic Resource Management package for e-journals:
- We have a **Membership with N-List: Resources@UGC-Infonet Digital Library Consortium and** eligible to access e-resources through the N-LIST(National Library Information Services for Infrastructure) project. The UGC-Infonet Digital Library Consortium subscribes to some e- resources for its member institutions. All electronic resources subscribed are available from the publisher's Web site
- Federated searching tools to search articles in multiple databases: No
- Library Website: Incorporated in College Website (a separate page)
- http://www.bullayyacollege.info/library_ug.html
- In-house/remote access to e-publications: Yes.
- Library automation: Fully automated. All functions (Circulation, Catalogue) of college library are automated by incorporating SOUL(Software for University Libraries) which is designated and developed by INFLIBNET.
- Total number of computers for public access: 2(two) (one for Internet browsing , and another one for OPAC:
- Total numbers of printers for public access: One printer is available
- Internet band width/ speed :   10 mbps
- Institutional Repository: Nil
- Content management system for e-learning : Nil
- Participation in Resource sharing networks/consortia (like
- Inflibnet) – We have a **Membership with N-List: Resources @UGC-Infonet Digital Library Consortium and** eligible to access e-resources through the N-LIST project which is being jointly executed by the UGC-INFONET Digital Library Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi

Provide details on the following items:

- Average number of walk-ins :190 per day
- Average number of books issued/returned: 140 Per day
- Ratio of library books to students enrolled : 25:1
- Average number of books added during last three years:1128
- Average number of login to OPAC (OPAC): 27/Day
- Average number of login to e-resources: 25 per day
- Average number of e-resources downloaded/printed:
- Number of information literacy trainings organized: Nil
- Details of "weeding out" of books and other materials:

Physically worn out books: Active use of books is essential. If the physical condition of the books is worn out or beyond repair then it should be replaced by new edition or weeded out which make the collection more appealing.

Lost Documents: The books which are lost by students/faculty if they are not available in market, the price is recovered by the library. But such books are to be withdrawn from the collection

LIBRARY USAGE STATISTICS:

The following table shows the library usage details:

Details	U.G	P.G
Average number of walk-ins	182 per day	89 per day
Average number of books issued / returned	175 per day	57/54 per day
Ratio of library books to students enrolled	25:1	14:1
Average number of books added during last three years	1350	897
Average number of login to OPAC (OPAC)	27 per day	16 per day
Average number of login to e-resources	Nil	Nil
Average number of e-resources downloaded / printed	Nil	Nil
Number of information literacy trainings organized	Nil	Nil
Details of "weeding out" of books and other materials	Done periodically but invariably at the time of annual stock taking	Done periodically but invariably at the time of annual stock taking

Give details of the specialized services provided by the library

∗Manuscripts: No

∗Reference: Yes

∗Reprography: No.

∗ILL (Inter Library Loan Service): No.

∗Information deployment and notification (Information Deployment and Notification) :No.

∗Download : No.

∗Printing : Yes

∗Reading list/ Bibliography compilation: No.

∗In-house/remote access to e-resources: Yes. All students/staff are allowed to access e-resources –CDs., Internet etc.

∗User Orientation and awareness: Yes, Annual Orientation Programme for freshers.

∗Assistance in searching Databases: Yes

∗INFLIBNET/IUC facilities; Consortia-based Subscription to E-resources(N-List), and Soul software (Software for University Libraries)

SERVICES TO STUDENTS AND STAFF BY THE LIBRARY:
At the beginning of the academic year orientation is given to students by the Librarian informing them of the facilities available in the library and on the ways to utilize them. Further, students and staff are helped on how to locate the books.

Facilities offered by the library to the visually/physically challenged persons
The college gives special facility to the visually & physically challenged students by providing proxy services.

Feedback from the users to library A feedback is taken on library services and the suggestions given by the staff and students are implemented to improve the services such as extension of working hours and renewal of books during examinations. Fines are also waived during vacations and examination times.

IT INFRASTRUCTURE

Computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide actual number with exact configuration of each available system)

IT WARE IN THE CAMPUS:
- Number of computers with configuration– 307
- Computer student ratio: PG: 1:1; UG: 1:2
- **LAN facility – All systems**
- **Number of nodes/ computers with Internet facility – 250**
    - **Other: 10 Licensed software –**
        - WINDOWS NT
        - WINDOWS X
        - ORACLE 8
        - VISUAL STUDIO 6
        - WINDOWS 8
        - MS-OFFICE 2010
        - VISUAL STUDIO DOTNET 2010
        - Windows 8.1 Enterprise --   100 users
        - Professional plus -- 100 users
        - Windows Server standard 2012 R2 --   2 users
        - Windows Server CAL   2012 -- 100 users
        - SQL Server-Standard   2014   -- 2 users
        - System center endpoint protection

- **Printers, switch / hubs – 25 Wi-Fi - 2.**
    There are six computer labs with 307 computers. All the computer labs are connected to internet. There is a 10MBPS dedicated leased internet connection.

Computer and internet facility available to the faculty and students:
All the Deans, HODs and Staff rooms are provided with system and internet facility. Wi-Fi facility is also available on the campus. The students are given internet access for academic purposes.

INFRASTRUCTUREUPGRADATION
IT infrastructure is used for effective teaching and learning and administrative activities.
Initially in-house resources were used to design and deploy the processes. Subsequently, wherever needed, in-house resources are associated with external IT service providers for upgrading the IT infrastructure.
At present there is a proposal to use the web based open source software "FEDENA" for deploying it to expand the use of IT infrastructure on the campus. Fedena is the software available for use in educational institutions.

Provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers
Details on provision made in the annual budgets for procurement, up gradation, deployment and maintenance of computers and their accessories for the last four years are as follows:

Details	2011 - 12	2012-13	2013-14	2014-15
Computers	(Rs.) 1,23,097	(Rs.) 76,450	(Rs.) 40,53,846	(Rs.) 1,82,299

Use of ICT resources by its staff and students
The institution facilitates extensive use of ICT resources in teaching and learning as stated below:
- Microsoft power point presentations.
- Use of High Definition television and audio to run videos on technology and management.
- Internet facility that enables use of open educational resources from NPTEL website http://nptel.ac.in/
- Use of LCD Projectors
- Use of in-house developed Online-Exam software and Online Feedback Software.

Technologies deployed by the institution
The institution also facilitates extensive use of ICT resources in other areas such as:
- **Online examination system:** This facilitates the conduct of objective type examinations to students on the campus. Internal examinations and placement related FAQ's examinations are also conducted online.
- **Online Student Feed-back system:** Online feedback system is in practice where students give feedback about Teachers, facilities, etc.
- Use of Television and audio system to run videos on technology and management.
- Use of educational resources on internet from National Programme on Technology Enhanced Learning (NPTEL).

- Seminar halls with LCD Projectors are used to deliver Add-on courses and sometimes regular classes also as Power point presentations..

Institution avails of the National Knowledge Network connectivity
- NOT APPLICABLE –

Maintenance of Campus Facilities

Institution ensure optimal allocation and utilization of the available financial

The table given below shows the details of expenditure on infrastructure during the past five years:

	2011 – 2012		2012-13		2013-14		2014-15	
	Cost of (Rs.)		Cost of		Cost of		Cost of	
	Acquisition	Maintenance	Acquisition	Maintenance	Acquisition	Maintenance	Acquisition	Maintenance
Building	2,35,68,569	17,95,952	Nil	73,2,252	36,725	8,29,002	2,41,02,423	25,45,399
Furniture	17,76,761	9,06,948	16,19,543	42,043	29,44,136	1,32,371	2,66,900	73,800
Equipment	57,39,863	5,81,402	46,43,237	7,19,678	39,56,302	7,82,035	16,73,880	8,16,556
Computers	1,23,097		76,450		40,53,846		1,82,999	
Library	10,82,983		6,25,411		9,34,668		1,87,275	
Vehicles	6,47,884		Nil		Nil		Nil	

What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college

Maintenance of Computers: Systems are purchased with warranty of 3 years. There is an in-house maintenance department to attend to trouble shooting.
Office Equipment: Air Conditioners and Photocopying machines are covered under Annual Maintenance Contract (AMC).
Lab Equipment: Maintenance is carried out with the help of manufacturer / supplier's service facilities.

How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

Calibration and other precision measures are carried out in time through the manufacturers / suppliers service agencies.

All the electronic systems / equipments are protected with UPS units. Their upkeep and maintenance is taken care of by the internal engineering department.

Upkeep and maintenance of sensitive equipment

A power transformer of 270 KVA was installed on the campus for supply of power requirements.

The water supply is sufficient to meet the college requirements. There are 3 bore wells located in three places on the campus and two water supply connections from Municipal Corporation. With the provision of sumps and overhead tanks the college gets 24/7 water supply. Water coolers along with purifiers are fixed to provide drinking water in all the blocks.

CRITERION V:
STUDENT SUPPORT AND PROGRESSION

Student Mentoring and Support:
Facilitating mechanisms like guidance cell, placement cell, grievance redressal cell are the welfare measures in practice to support students. Specially designed inputs are provided to the needy students with learning difficulties. Provision is made for bridge and value added courses in relevant areas. The institution has a well structured, organized guidance and counseling system in place.

Publishing of Updated prospectus /handbook annually:
The handbook contains information on admission and withdrawal rules, attendance and discipline norms, courses, optional subjects, electives, specializations, syllabus, internal exams value addition programmes, evaluation systems and academic calendar. Handbook also contains information on fees, concessions and scholarships, the contact numbers of Administrative Officer, Deans, HODs, P.D., and Heads of various committees and offices of NCC & NSS. It contains information of academic competitions, extra-curricular activities, Add-on programmes, Skills training programmes as well as the facilities on the campus such as labs, libraries, games & sports and details of placement services.

SCHOLARSHIPS / FREESHIPS TO STUDENTS
Students are given scholarships / freeships / fee concessions by
- the institution
- the Government of Andhra Pradesh
- Other agencies.

Institutional Awards: Fee concessions in the range of 50-100% and cash awards are given to top rankers in university exams as well as for winners in sports events at state and national levels.
From Government of Andhra Pradesh: The Social Welfare Department of Government of Andhra Pradesh offers scholarships to students from SC,ST, OBC, economically weaker sections as per the stipulated norms.
From Other Agencies: Scholarships from other agencies include public sector companies such as HPCL, RINL, etc., These scholarships are issued in recognition of good academic performance and subject to the norms prescribed by those companies.

Institutional Scholarships to Meritorious Students

Year	No. of students benefited	Amount disbursed In (Rs.)
2013 – 14	UG – 39	1,39,808/-
2014 – 15	UG – 68	75,206/-
	UG – 22	27,025/-

The table above shows the amounts disbursed as scholarships during the last two years as the practice of giving Institutional scholarships was instituted in the year 2013.

Merit Scholarship

Year	Courses	No.of students benefited	Amount disbursed In (Rs.)
2014 - 15	B.Sc	8	32,500/-
	B.A	1	2,500/-
	B.Com	5	17,500/-
	BBM	1	5000/-

The table above shows the amount disbursed as Merit Scholarship for the students who topped in 2013 – 14 University examinations.
This practice of giving merit scholarships was instituted in the year 2014.

2. Student Aid fund:
These scholarships are given every year. For the AY 2014-15, 17 students were benefitted and an amount of Rs. 13,600/- was disbursed to them.

FINANCIAL ASSISTANCE FROM STATE / CENTRAL GOVERNMENT
The State Government supports students from SC, ST, OBC, Minorities and EWS. Eligible students are given scholarships and fee reimbursement ranging between Rs.4,000/- and 15,000/- per annum in UG and 20000 to 27000 in PG depending on the programme of study..
There are scholarships for meritorious students who score 60% and above at plus 2. They are given a sum of Rs.10,000/- on admission into degree programme and the same is continued during the remaining years of study provided 60% is maintained.

First Year Scholarship Particulars for the Year 2011 – 2012

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	25	41	60.98
2	M.A. English	25	37	67.57
3	M.Sc. Microbiology	14	32	43.75
4	M.Sc. Biochemistry	16	31	51.61
5	M.Sc. Analytical Chemistry	20	29	68.97
6	M.Sc. Organic Chemistry	28	36	77.78
7	M.Sc. Biotechnology	15	32	46.88
8	M.Sc. Computer Science	14	24	58.33
9	M.H.R.M.	16	35	45.71
10	M.B.A.	51	106	48.11
11	M.C.A.	75	93	80.65
	TOTAL	**299**		

Second Year Scholarship Particulars for the Year 2011 – 2012

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	14	29	48.28
2	M.A. English	20	36	55.56
3	M.Sc. Microbiology	12	34	35.29
4	M.Sc. Biochemistry	16	31	51.61
5	M.Sc. Analytical Chemistry	26	31	83.87
6	M.Sc. Organic Chemistry	24	33	72.73
7	M.Sc. Biotechnology	15	31	48.39
8	M.Sc. Computer Science	14	29	48.28
9	M.H.R.M.	21	42	50
10	M.B.A.	59	103	57.28
11	M.C.A.	73	92	79.35
	TOTAL	37	52	71.15

First Year Scholarship Particulars for the Year 2012 – 2013

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	25	43	58.14
2	M.A. English	26	39	66.67
3	M.Sc. Microbiology	5	10	50
4	M.Sc. Biochemistry	7	13	53.85
5	M.Sc. Analytical Chemistry	24	27	88.89
6	M.Sc. Organic Chemistry	25	36	69.44
7	M.Sc. Biotechnology	6	16	37.5
8	M.Sc. Computer Science	18	26	69.23
9	M.H.R.M.	13	16	81.25
10	M.B.A.	65	120	54.17
11	M.C.A.	67	83	80.72
	TOTAL	**281**		

Second Year Scholarship Particulars for the Year 2012 – 2013

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	25	41	60.98
2	M.A. English	25	33	75.76
3	M.Sc. Microbiology	14	32	43.75
4	M.Sc. Biochemistry	16	31	51.61
5	M.Sc. Analytical Chemistry	20	29	68.97
6	M.Sc. Organic Chemistry	28	36	77.78
7	M.Sc. Biotechnology	16	32	50
8	M.Sc. Computer Science	15	24	62.5
9	M.H.R.M.	16	35	45.71
10	M.B.A.	50	106	47.17
11	M.C.A. 2nd year	75	93	80.65
12	M.C.A. 3nd year	72	92	78.26
	TOTAL	**372**		

First Year Scholarship Particulars for the Year 2013 – 2014

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	33	48	68.75
2	M.A. English	21	38	55.26
3	M.Sc. Microbiology	6	11	54.55
4	M.Sc. Biochemistry	0	3	0
5	M.Sc. Analytical Chemistry	27	31	87.1
6	M.Sc. Organic Chemistry	26	34	76.47
7	M.Sc. Biotechnology	2	6	33.33
8	M.Sc. Computer Science	27	40	67.5
9	M.H.R.M.	11	21	52.38
10	M.B.A.	65	120	54.17
11	M.C.A.	49	72	68.06
	TOTAL	**267**		

Second Year Scholarship Particulars for the Year 2013 – 2014

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	24	43	55.81
2	M.A. English	26	39	66.67
3	M.Sc. Microbiology	5	10	50
4	M.Sc. Biochemistry	6	13	46.15
5	M.Sc. Analytical Chemistry	24	27	88.89
6	M.Sc. Organic Chemistry	24	36	66.67
7	M.Sc. Biotechnology	6	16	37.5
8	M.Sc. Computer Science	18	26	69.23
9	M.H.R.M.	9	16	56.25
10	M.B.A.	63	120	52.5
11	M.C.A. 2nd year	66	83	79.52
12	M.C.A. 3nd year	74	93	79.57
	TOTAL	**345**		

First Year Scholarship Particulars for the Year 2014 – 2015

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	21	38	55.26
2	M.A. English	12	23	52.17
3	M.Sc. Microbiology	3	8	37.5
4	M.Sc. Biochemistry	4	5	80
5	M.Sc. Analytical Chemistry	12	16	75
6	M.Sc. Organic Chemistry	21	32	65.63
7	M.Sc. Biotechnology	5	10	50
8	M.Sc. Computer Science	21	27	77.78
9	M.H.R.M.	14	18	77.78
10	M.B.A.	54	117	46.15
11	M.C.A.	52	78	66.67
	TOTAL	**219**		

Second Year Scholarship Particulars for the Year 2014 – 2015

Sl.No.	Name of course	No. of students benefited	intake	Percentage
1	MA./M.Sc. Mathematics	31	48	64.58
2	M.A. English	21	38	55.26
3	M.Sc. Microbiology	6	11	54.55
4	M.Sc. Biochemistry	0	3	0
5	M.Sc. Analytical Chemistry	27	31	87.1
6	M.Sc. Organic Chemistry	26	34	76.47
7	M.Sc. Biotechnology	2	6	33.33
8	M.Sc. Computer Science	27	40	67.5
9	M.H.R.M.	11	21	52.38
10	M.B.A.	65	120	54.17
11	M.C.A. 2nd year	48	72	66.67
12	M.C.A. 3nd year	67	83	80.72
	TOTAL	**331**		

SCHOLARSHIP PARTICULARS FOR UG PROGRAM

Year	Name of course	No. of students benefited	intake	Percentage
2009 - 10	UG	907	915	99.13
2010 – 11		990	993	99.70
2011 – 12		916	925	99.03
2012 – 13		607	625	97.12
2013 – 14		513	631	81.30
2014 – 15		842		

SUPPORT TO STUDENTS FROM WEAKER SECTIONS:

Types of Students	Facilities / Support Services
SC / ST	• Reservation policy is strictly adhered to during admission as per the government norms • Scholarships provided by AP government under the supervision of Social Welfare department • Book Bank in the library is provided by AP government and Social Welfare department
OBC & EWS	• Reservation policy during admission is observed • Scholarships provided by AP government under the supervision of Social Welfare department
Physically Disabled students	• Class rooms are provided in the ground floor • Library services through proxy • Scribes are provided for visually challenged students
Overseas Students	NA
Students to participate in National / International Competitions	• Attendance exemption • Institution bears the expenditure • Provision of a faculty member to escort the participants
Medical Assistance to students	• An In-house health centre caters to the medical needs of the students • All students are covered under medical insurance up to Rs 1 lakh
Organizing coaching classes for competitive exams	• Faculty members of English & Maths departments impart coaching to students in communication skills and vocabulary; Reasoning and Quantitative Techniques for competitive exams
Skill Development	• The SDC trains the students in domain and communication skills • Explicit training in Computer literacy is not required as all courses have FIT (Fundamentals of Information Technology) as part of the syllabus
Support for slow learners	• Bridge and Remedial classes are conducted regularly.
Exposure to higher institutions	• Students are encouraged to participate in seminars / workshops conducted by Universities / Industries • Internship / Project work in MNCs

Promotion of entrepreneurial skills among students

The institution conducted one day free workshop on entrepreneurial skills titled "**ENTREPRENEURSHIP ORIENTATION PROGRAM**" under the aegis of NSIC, Hyderabad. It was an orientation program to expose the students to the trends in small business enterprise and participation certificates were issued.

PROMOTION OF EXTRA CURRICULAR AND CO-CURRICULAR ACTIVITIES:

The Policy is to encourage students' participation in co-curricular and extra - curricular activities. Strategies are:

- To conduct literary competitions, sports and cultural events with rewards for winners.
- To equip the library with resources for students to prepare for the activities.
- Coaches are made available to train students in various sports.
- To enroll students in NSS and four units of NCC for students on the campus.
- By giving attendance exemption and extra classes to the participants.
- To support students who are talented especially in sports and cannot afford are supported with the necessary dietary requirements and fee concessions.

Support and guidance provided to the students in preparing competitive exams

The faculty members of the Departments of English train the students in communication skills and English vocabulary which is most essential for various competitive exams and services. Department of Mathematics gives coaching to student in reasoning and quantitative techniques, whereas other departments train them in domain skills.

Counseling services available to the students:

Mentor – Mentee Activity: All the teachers are entrusted with a small group of students with a responsibility of guardianship. It includes counseling students on academic, personal, career, psycho-social, aspects, whenever needed.

CAREER GUIDANCE AND PLACEMENT SERVICE:

There is a Career Guidance and Placement Cell (CGPC) headed by a senior professional, designated as Dean. The cell is involved in activities such as guiding students on prospective opportunities, training students to match the needs of job market, maintaining interface with industry, organizing placement drives, etc.,

A structured mechanism to ensure good career and placement opportunities to students is in practice.

A CONSOLIDATED STATEMENT OF PLACEMENTS FOR THE ACADEMIC YEAR 2014 - 2015

S.No	STREAMS	B.Sc	B.A	B.Com	B.Ed	BBM	M.Sc	M.Sc (CS)	M.A	MBA	MCA	MHRM	Engineering (B.Tech)	Total Selects
	COMPANIES													
1	Wipro Technologies	13					2							15
2	GENPACT	3	1	12		2								18
3	L & T	1	2	2		3								8
4	AMAZON		1											1
5	GVK BIO						3							3
6	WEB24 SOLUTIONS							1			7			8
7	INFOSYS	8												8
8	TECH MAHINDRA	7												7
9	THOTS LAB				0									0
10	FACTSET									6				6
11	WIPRO LTD						3	11			11			25
12	CAPGEMINI			6		3								9
13	IBM										0		6	6
14	LEAAP			4		1				2	1			8
15	SRI CHAITANYA TECHNO						35		13					48
16	TCS										1		6	7
17	MIRACLE												6	6
18	CHEGG												11	11
19	FSS												9	9
20	KANORIA CHEMICALS			2										2
	Total:	32	4	26	0	9	43	12	13	8	20	0	38	205

STUDENT GRIEVANCE REDRESSAL:

Students' grievances redressal committees are constituted every year at the beginning in each of the divisions on the campus. Dean of the division heads the committee with three senior teachers and three students are nominated as its members .The grievances received are request for change of a subject teacher, improvement in canteen facilities, water facilities, better toilet facilities, etc. ,Teachers are addressed and told to overcome their deficiencies and become more useful to students. Water facilities are improved by installing water purifiers and water coolers at various points.

Resolving issues pertaining to sexual harassment
The institution constituted a committee headed by convener (Director AC & CA), one co-convener (Dean) and three members (HODs). Out of the five member committee at least two members are women; however, so far not a single case of sexual harassment has been reported.

ANTI – RAGGING COMMITTEES:
Anti ragging committees are constituted every year in each of the divisions on the campus. Dean of the division heads the committee and three senior teachers and three senior students are the members. The committee members in particular and all teachers in general forewarn the senior students of the legal consequences of ragging. At the same time new students are informed of the supporting system existing on the campus to protect them. Posters and Supreme Court orders are displayed regarding the offence.

Welfare schemes available to students in the institution:
Student Insurance Scheme and poor Students Aid Scholarship Scheme are in force for the welfare of students. All the students are covered under an accident insurance scheme. As per the scheme an amount of Rs. one lakh will be paid on the student's accidental death or permanent disability. The amount will be paid to the parent or student as the case may be. Further, an amount not exceeding Rs 25, 000 is paid to the student towards medical expenses for treatment of injuries due to accident. Poor students' aid scholarships are given to students who are poor and are not in receipt of any other scholarship.

ALUMNI ASSOCIATION:
The college has a registered Alumni Association. The activities of the Association are confined to enrolment of new members, arranging meetings of students belonging to different batches, felicitation of teachers and expression of interest to help deserving students of present batches. While these activities are carried out, contributions for institutional, academic and infrastructure development are yet to pick up.

Student Progression
The Institutions 'concern for students' progression to higher studies and/or to employment is achieved by implementing remedial measures in case of academic gaps and by sustainable good practices. The institutional provisions facilitate vertical movement of students from one level of education to the next higher level or towards gainful employment.

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

Data not available

Results for the past four years:

Name of the Program	Pass Percentage			
	2010 – 11	2011 – 12	2012 – 13	2013 – 14
B.A	45	44	60	38
B.Sc	41	44	38	43
B.Com	88	69	53	54
B.B.M	93	93	96	72
MBA	89	87	100	97
MCA	75	69	82	79
MHRM	85	88	86.5	78.6
M.A /MSc (Mathematics)	44	67	41.7	70
M.A (English)	38	33	29.8	17
M.Sc (Org. Chem.)	71	55	51.5	72.7
M.Sc (Bio-Tech)	100	74	84.3	100
M.Sc (Micro-Bio)	97	82	90	90
M.Sc (Bio-Chem)	100	63	83.3	53.8
M.Sc (Analytical Chem)	39	29	27	52

STUDENTS PROGRESSION TO HIGHER EDUCATION AND/OR TOWARDS EMPLOYMENT

The institution plays a key role in student progression from UG to PG by providing scholarships to the toppers in UG securing a seat in PG in the same college through ICET/AUCET. The institution also facilitates towards employment of students through CGPC.

Support provided to students who are at risk of failure and drop out

Students who are at the risk of failure and dropping out are identified during the initial weeks of commencement of course by the teachers. Bridge classes and remedial classes are conducted and special attention is paid to such students by conducting tests in every chapter and preparing them on all important questions (Track exams). In case of the students who have a tendency to dropout, counseling sessions are conducted and tips to fare well in the exam are given by their respective class teachers and HODs.

Student Participation and Activities

The institution promotes inclusive practices for social justice and better stakeholder relationships. The institution promotes value- based education for inculcating social responsibility and good citizenry amongst its student community. The institution has the required infrastructure and promotes active participation of the students in social, cultural and leisure activities. Encouraging students' participation in activities facilitates developing various skills and competencies and foster holistic development.

Sports, games, cultural and other extracurricular activities available to students and their participation:

<u>**CULTURAL ACTIVITIES**</u>

S. No	Year	Level of Competition & Event	Category	Achievement/ Award
	2012-2013	District Level: Dr. V.S. Krishna Govt. Degree College Cultural Meet	• Singing • Skit • Group dance (Folk)	**I Prize**
			• Quiz • Mimicry	**II** Prize
	2012-2013	District Level : PRISM Degree College - VARNAHELA	• Paper Presentation • Computer Quiz • Group Song	**I Prize**
			• General Quiz • Skit	**II Prize**
	2013-2014	District Level: Higher Education, Hyderabad conducted Cultural Meet at Dr. V.S. Krishna College	• Elocution (English) • Group Song • Group Dance • Skit • General Quiz	**I Prize**
			• Poster making	**II Prize**
		B.V.K Degree College conducted Cultural Meet "PRAGNA".	• Group song • Skit • Debate	**I Prize**
			• Painting • Essay writing	**II Prize**
	2014-2015	Durga Bai Deshmukh Organisation conducted Competitions at Women Studies Department, Andhra University.	• Elocution • Essay writing • Poster making	**II Prize**
		B.V.K Degree College conducted Cultural Meet	• Group song • Group dance • Skit • Paper presentation	**I Prize**

S. No	Year	Level of Competition & Event	Category		Achievement/ Award
		"PRAGNA".	•		
			•	Poster painting	**II Prize**
			•	Quiz	**III Prize**
	2014-2015	Gayatri Degree College Organized Computer Competitions	• •	Quiz Group Discussion	**I Prize**
			•	Debate	**II Prize**

Women empowerment cell of Dr. L. B. College is very active. Regular awareness classes are conducted for girl students to enable them to face the challenges of life and sensitize them on social issues.

Programs conducted:

No. of Students attended	Topic	Year
15	Discipline in general behavior	28.07.2014
14	Ragging, Hygiene and class room conduct	4.08.2014
11	Respect to elders	28.092014
11	Hygiene and Traditions, Post marriage conduct	28.10.2014
11	Facing interviews, preparing for competitive exams	14.11.2014
11	Culture and Tradition' Moral Values Work ethics For a better society	20.01.2015

Discussion Club: Department of English (UG)

Discussion Club was initiated by the Department of English to hone the oratory skills of the students and also to enhance their knowledge base. A wide variety of topics under various categories like science, environment, technology, political, literary and general are discussed. There has been a tremendous response from the students and their vibrant participation enriched the discussion club.

DISCUSSION CLUB DETAILS FOR THE YEAR 2014-2015

Category	Topic of discussion
SCIENCE	• Origin of diamonds • Migration of birds • Facts about the human body • Chart presentation on awareness of cancer • Volcanic eruption (charts & files) • Swine flu • Pollution • Mars orbit mission • Astronauts and scientists • Flight accidents • Ideas that changed the world • Core of the earth
GENERAL	• Bermuda triangle • Women entrepreneurship • World's most beautiful bridges • How to face an interview • How technology changes people and how people change technology • Oldest stamps • Traffic rules • Hudhud cyclone video • Usage of indian products instead of foreign products • Effect of technology on teenagers • Unity is strength • Sports • Impact of gadgets on modern youth • Natural body building • Social networks • Present situation of the world • Traditions of india • Patent rights • Amazing things in the world • Movements in india • Road safety • Wonders of the world • Seven wonders of the ancient world • Shakti peethas (ppt)
ENVIRONMENT	• Paper recycling • Chart presentation on plastics • Natural disasters • Pollution • Natural resources • Helping nature • Scenic beauties

	•	Clay idols
TECHNOLOGY	•	Cloud computing
	•	Tele communications
SOCIAL	•	Poverty
	•	Refugee mother and child
	•	Chart presentation of abdul kalam
	•	Youth in politics (ppt)
	•	Indian politics
	•	Indus valley civilisation
	•	"rape" – public day
LITERATURE	•	Famous poets and authors
	•	Literary works of ruskin bond
	•	Prose and poetry lessons
	•	Modernity in english words
	•	Chart presentation on shakespeare
	•	Miming of proverbs
	•	Christmas carol (charles dickens)
	•	Drama(who is great)
	•	Importance of English
	•	Skit (people and their mind set)
	•	Quiz on English
	•	Anagrams

SPORTS :
   List of selected students for various Cricket Tournaments:2012-13

S.No.	Name of the Student	Participated	Tournament
1	CH.SNEHA KISHORE (III B.Com)	IPL 5th addition (Deccan Chargers), Andhra Ranji Cricket team	IPL-5, Ranji Trophy
2	B. AYYAPPA (III B.A)	Andhra Ranji Cricket team	Ranji Trophy
3	CH. YELLAJI (II B.Com)	Andhra Ranji Cricket team	Vizzy Trophy
4	T. HARI (II B.A)	Andhra Ranji Cricket team	Ranji Trophy
5	G.GOPI RAJU (I B.A)	Andhra Ranji Cricket team	Ranji Trophy
6	S.BALU MAHENDRA (II B.A)	Andhra Ranji Cricket team	Ranji Trophy
7	K. SRINIVAS (I BSc)	Andhra Ranji Cricket team	Ranji Trophy
8	SAJID (I BBM)	Andhra Ranji Cricket team	Ranji Trophy

ACHIEVEMENTS

**INTER – UNIVERSITY PARTCIPANTS FOR THE ACADEMIC YEAR
2013 - 14**

S.NO	NAME	CLASS SECTION	Event
01	K.SUJAN BABU	III BA	Foot ball
02	S.RAM BABU	III B.COM	Foot ball
03	G.NARENDRA BABU	I BA	Football
04	P.V.VEENITH KUMAR	I B.COM	Foot ball
05	S.VINOD	I B.A	Foot ball
06	MD.SHAHID	III B.COM	Foot ball
07	N.KHAPARDHI KIRAN	III B.COM	Football
08	N.YESWANTH KUMAR	I BA	Footbal
09	K.KESAVA KUMAR	III B.SC	Football
10	UTTAM KATUWAL	I MBA	Football
11	E.JOHN	II BA	Football
12	K.ANANTH	I B.SC	Weight lifting
13	T.HARI	II BA	Weight lifting
14	N.LALITHA (W)	I BA	Weight lifting
15	M.GOUTHAMI (W)	II B.COM	Power lifting
16	Y.KUMAR	II BA	Power lifting
17	G.PRASANT KUMAR	I MA	Power lifting
18	D.BHARAT KUMAR	II BA	Power lifting
19	G.NARENDRA	III B.SC	Best physque
20	N.MAHESH	I BA	Best physque
21	K.RAMA KRISHNA	I BA	Bestphysque
22	K.RAJA RATNAM	I BBM	Best physque
23	K.SREENU	II B.COM	Boxing
24	E.SRINIVAS	I BA	Boxing
25	J.DEEPTHI	I B.COM	Boxing
26	Y.ROHINI	II B.COM	Boxing
27	R.RAMYA	II B.COM	Boxing
28	K.SRINIVAS	I B.SC	Lawn tennis
29	SAJID UR RAHAMAN	I BBM	Lawn tennis
30	K.KALYAN KUMAR	II B.SC	Chess
31	P.UMA MAHESWARI (W)	I B.COM	Hand ball
32	R.BALS KRISHNA	II BA	Hand ball
33	L.SRINIVASA RAO	II BA	Hand ball
34	K.PURNA CHAND SAI	I B.COM	Handball
35	N.PARAMESHARA RAO	II B.COM	Handball
36	P.FEDRICK DAS	II B.A	Hockey
37	K.RAM BABU	II B.COM	Hockey
38	K.JAYA RAJU	II BA	Hockey
39	S.SAI KUMAR	III B.COM	Hockey
40	D.TRINADHA RAO	II B.SC	Hockey
41	M.BHANU RAM PRADAD	I B.COM	Basket ball
42	B.HEMANT KUMAR	II B.SC	Basket ball
43	S.VENKATA LAKSHMI (W)	I B.COM	Ball badminton

44	G.D.S.SURESH KUMAR	II B.COM	Cricekt
45	CH.YELLAJI	II B.COM	Cricket
46	V.ANIL KUMAR	I BA	Cricket
47	CH.PRANEETH KUMAR	I MBA	Cricket
48	K.ROHAN DAS	I B.COM	Cricket
49	K.SAI SRIKAR	I B.COM	Cricket
50	CH.SNEHA KISHORE	III B.COM	Cricket
51	R.A.R.ACHYUTA RAO	I B.SC	Cricket
52	B.V.SHIVAJI	III BA	Cricket
53	B.AYYAPPA	III BA	Cricket
54	CH.SNEHA KISHOR	III B.COM	Cricket
55	G.POLAMMA	II B.COM	Cricket
56	K.RAJESWARI	II B.COM	Kabaddi
57	S.SRAVANI	III B.COM	Athleitcs
58	K.VIJAYA LAKSHMI	I B.COM	Athleitcs
59	K.S.KANAKA DURGA	II B.COM	Athleitcs
60	B.LALITHA	III B.COM	Athleitcs
61	K.APPALA NAIDU	II B.COM	Cross country
62	B.NAGA RAJU	III BA	Kho-kho
63	N.SANTOSH KUMAR	III BA	Kho-kho
64	K.KOTESWARA RAO	II BA	Kho-kho
65	K.PRASANTH KUMAR	II BA	Kho-kho
66	G.GOPI RAJU	I BA	Badminton
67	D.RAVI RAJU	II B.COM	Badminton
68	S.BALU MAHENDRA	II BA	Badminton

List of winners in Sports / Games held at Dr. L.B. College during 2013 – 14

S. No	Event	Sport / Game	Medals
1		Foot Ball	Gold
2		Chess	Gold
3		Carroms	Gold
4	The Inter-Junior Collegiate Urban Meet held at Dr. L .B. College Ground from 22.09.13 to 24.09.13	Hand Ball	Gold
5		Hand Ball (Girls)	Gold
6		Table Tennis	Silver
7		Table Tennis (Girls)	Silver
8		Hockey	Gold
9		Badminton	Silver
10		Cricket	Gold
11		Basketball (Girls)	Silver

Degree College Team wise List

S.No	Sport / Game	Medals	Tournament	Held At
1	Foot Ball	Gold	Andhra University Inter- Collegiate	Andhra University
2	Foot Ball	Winner	JAGGA ROW Memorial Inter Collegiate	Dr. L.B. College
3	Boxing (Men)	All Round Team Championship	Andhra University Inter- Collegiate	A.V.N. College
4	Lawn Tennis	Winner	Andhra University Inter- Collegiate	Andhra University
5	Hand Ball	Gold	Andhra University Inter- Collegiate	Dr. L.B. College
6	Hockey	Bronze	Andhra University Inter- Collegiate	Samata Degree College
7	Athletics (Men **&** Women)	Gold, Siler & Bronze	Andhra University Inter- Collegiate	D.N.R.College, Bhimavaram
8	Weight Lifting (Men)	All Round Team Championship	Andhra University Inter- Collegiate	S.K.B.R. College Amalapuram
9	Power Lifting (Men)	All Round Team Championship	Andhra University Inter- Collegiate	Dr.L.Bullayya College
10	Weight Lifting & Power Lifting (Women)	All Round Team Championship	Andhra University Inter- Collegiate	S.V.V.P.V.M.C College
11	Chess (Women)	Gold	Andhra University Inter- Collegiate	Andhra University
12	Volleyball (Women)	Silver	Andhra University Inter- Collegiate	Andhra University
13	Badminton (Women)	Silver	Andhra University Inter- Collegiate	Andhra University
14	Cricket	Gold	Andhra University Inter- Collegiate	Andhra University
15	Kho-Kho	Gold	Andhra University Inter- Collegiate	D.N.R.College, Bhimavaram
16	Badminton	Gold	Andhra University Inter- Collegiate	D.N.R.College, Bhimavaram
17	Basketball	Bronze	Andhra University Inter- Collegiate	D.N.R.College, Bhimavaram
18	Chess	Gold	Andhra University Inter- Collegiate	D.N.R.College, Bhimavaram
19	Basketball (Men)	Gold	Andhra University Inter- Collegiate	Hanuma Konda, Warngal

A.P State-Level Syuva Tarangam Chess Tournament
Our College Chess **team** has secured Gold medal in A.P.State Level Yuva Tarangam Chess (Men) tournament which was held at **Nandi Kotkur from 23.11.13 & 24.11.13.**

ACHIVEMENTS
INTER – UNIVERSITY PARTCIPANTS FOR THE ACADEMIC YEAR 2014 - 15

S.NO	NAME OF THE EVENT	UNIVERSITY	HELD AT
01	FOOTBALL (MEN)	CALICUT UNIVERSITY	KOCCHI
02	WEIGHT LIFTING (MEN & WOMEN)	PUNJAB UNIVERSITY	PATANCOT
03	POWER LIFTING (MEN & WOMEN)	PUNJAB UNIVERSITY	PATANCOT
04	BEST PHYSIQUE (MEN & WOMEN)	PUNJAB UNIVERSITY	PATANCOT
05	BOXING (MEN & WOMEN)	L.P.U	JALANDHAR
06	LAWN TENNIS (MEN)	SRMU UNIVERSITY	CHENNAI
07	HAND BALL (MEN)	ANNA UNIVERSITY	CHENNAI
08	HOCKEY (MEN)	SRI KRISHNA DEVARAYA UNIVERSITY	ANANTAPUR
09	BASKET BALL (MEN)	ANNA UNIVERSITY	CHENNAI
10	CRICKET (MEN)	ANNA UNIVERSITY	CHENNAI
11	CROSS COUNTRY (MEN & WOMEN)	KANNUR UNIVERSITY	KERALA
12	BADMINTON (MEN & WOMEN)	BHARATHIAR UNIVERSITY	COIMBATORE
13	KABADDI (WOMEN)	KANNUR UNIVERSITY	KERALA
14	KHO-KHO (MEN)	ANNA UNIVERSITY	CHENNAI
15	VOLLEY BALL (MEN & WOMEN)	HINDUSTAN UNIVERSITY	CHENNAI
16	SWIMMING (MEN)	BANGALORE UNIVERSITY	BANGALORE
17	ATHLETICES (MEN & WOMEN)	JAIN UNIVERSITY	BANGALORE

INTER UNIVERSITY LIST 2014-15

S.NO	NAME	CLASS SECTION	Event
01	G.NARENDRA BABU	II D 03	Football
02	S.VINOD	II D 05	Football
03	N.YESWANTH KUMAR	II D 32	Football
04	UTTAM KATUWAL	II MBA 106	Football

S.NO	NAME	CLASS SECTION	Event
05	E.JOHN	III D 12	Football
06	P.L.N.PRASANA KUMAR	I B 55	Football
07	K.VENKATA SIVA RAMA	I B 40	Footbal
08	B.BHAGYA LAISHMI	III D 03	Weight lifting
09	R.RAMYA	III A 63	Weight lifting
10	N.LALITHA	II D 18	Weight lifting
11	K.RAJA RATNAM	II F 31	Weight lifting
12	M.GOUTHAMI (W)	III E 31	Power lifting
13	Y.KUMAR	III D 21	Power lifting
14	G.PRASANT KUMAR	II M.A	Power lifting
15	D.SRIKANTH	I D 48	Power lifting
16	A.YUGADHAR	I D 01	Power lifting
17	Y.ROHANI	III E 32	Power lifting
18	D.MAHA LAKSHMI	II J 18	Power lifting
19	N.MAHESH	II D 28	Best physque
20	K.RAMA KRISHNA	II D 31	Best physque
21	G.VENKATESH	II B 14	Best physque
22	K.SREENU	III E 46	Boxing
23	E.SRINIVAS	II D 11	Boxing
24	J.DEEPTHI	II C 13	Boxing
25	P.HARIESH	I C 27	Boxing
26	M.VAIBHAVI	I A 35	Boxing
27	K.SRINIVAS	II I 68	Lawn tennis
28	P.UMA MAHESWARI (W)	II C 37	Hand ball
29	R.BALS KRISHNA	III D 21	Hand ball
30	N.RAJENDRA PRASAD	I D 42	Hand ball
31	K.PURNA CHAND SAI	II C 15	Handball
32	G.SANDEEP	I C 22	Handball
33	K.VARA PRASAD	I C 29	Handball
34	K.DIVYA SRI	I A 27	Handball
35	D.BHARATI	I D 16	Handball
36	P.FEDRICK DAS	I MBA	Hockey
37	I SURESH	II D 01	Hockey
38	B.SIVA RAMA KRISHNA	II C 32	Hockey
39	K.L.MADHUSUDHNA RAO	I D 21	Hockey
40	M.BHANU RAM PRADAD	II B 42	Basket ball
41	L.SRINIVASA RAO	III D 17	Basket ball
42	SK.SHAKEER HUSSAIN	II F 30	Basket ball
43	B.RAKESH	II E 04	Basket ball
44	R.A.R.ACHYUTA RAO	II J 50	Cricket
45	B.V.SHIVAJI	I MBA 40	Cricket
46	V.ANIL KUMAR	II D 06	Cricket
47	CH.PRANEETH KUMAR	II MBA	Cricket
48	K.ROHAN DAS	II A 30	Cricket
49	K.RAMBABU	II B 22	Cricket
50	K.MURALI KRISHNA	III E 21	Cricket

S.NO	NAME	CLASS SECTION	Event
51	K.APPALA NAIDU	III C 18	Cross country
52	G.GOPI RAJU	II D 12	Badminton
53	T.HAMA NAGENDRA	I D 45	Badminton
54	S.BALU MAHENDRA	III D 08	Badminton
55	M.JAYA BHRGAYAVI	II J 25	Badminton
56	N.KRUNA SAI	II MS CS 23	Badminton
57	K.RAJESWARI	III C 34	Kabaddi
58	K.VIJAYA LAKSHMI	II C 16	Athleitcs
59	K.S.KANAKA DURGA	II B 54	Athleitcs
60	K.KOTESWARA RAO	III D 31	Kho-kho
61	G.CHINNI	I D 45	Kho-kho
62	P.NIRAKAR REDDY	I D 32	Kho-kho
63	R.JOHN JEEVEN KUMAR	III M 43	Swimming
64	E.HAMANTH KUMAR	III G 42	Swimming
65	D.BHARATH KUMAR	III D 03	Swimming
66	M.MAHESWARI	III B 59	Volleyball
67	P.SAI DURGA	II E 37	Volleyball
68	D.HARIKA	II E 13	Volleyball
69	P.LAVANYA	I A 41	Volleyball
70	P.LAVANYA	I D 33	Volleyball
71	K.CHITTI BABU	I C 25	Volleyball
72	J.SOMA SEKHAR	I D 15	Volleyball

NCC: Dr Lankapalli Bullayya College is the only college in India to have four NCC Units: Army (boys & girls), Army (girls), Air-Wing (boys & girls) , Navy (boys & girls).

Strength particulars of NCC Units :

SNO.	UNIT	STRENGTH
1	2 (A) ARTY BTY NCC UNIT (ARMY)	100 (boys &girls)
2	6(A) AIR SQN NCC UNIT (AIRFORCE)	100 (boys &girls)
3	4 (A) NAVY MED NCC UNIT (NAVY)	50 boys &girls)
4	13 (A) NCC UNIT (ARMY)	50 (girls)

2. ENROLLMENT OF CADETS:

Year	I – YR		II – YR		III – YR		Total		Grand Total
	SD	SW	SD	SW	SD	SW	Total SD	Total SW	
2010 -11	39	-	61	-	-	-	100	-	100
2011 -12	67	-	33	-	-	-	100	-	100
2012 -13	19	15	66	-	-	-	85	15	100

Year	I – YR		II – YR		III – YR		Total		Grand Total
	SD	SW	SD	SW	SD	SW	Total SD	Total SW	
2013 -14	37	15	23	15	-	-	60	30	90
2014 -15	12	05	35	15	-	-	47	20	67

Hudhud Cyclone Relief Activities in Visakhapatnam – 2014
3 Activities:
Social Services: NCC cadets regularly participate in social awareness programs like Pulse polio, Aids Awareness, Beach Cleaning, Tree-Plantation, Environmental Protection   Rallies, Sale of Army flags to raise funds.
Distributed Food, Clothes, Utensils & Money in the cyclone affected areas.

II. Cadets Participation: Cadets participate in Independence Day & Republic Day parades held at Andhra University, District, State and National levels.

YEP: (Youth Exchange Programme)   Cadets participate in YEP. Cadet Ms surekha was   sent to Singapore in 2012 as part of YEP .Cadets participated in Guard of Honour to the Governor of AP for Convocation program at Andhra University.
Cadets Participated in Thal Sainik, Vayu Sainik, Nav Sainik camps, Army attachment   camps, Andaman & Nicobar Island NIC camp, Trekking, Mountaineering, Gliding   Camps, Shooting Camps, ATC & CATC camps.

S.No.	No. of Cadets/ Name	Event	Place	Year
1	6	Trekking	Tirupathi, AP	2010 – 11
2	S. Tejemdar Reddy S. Venkatesh	NIC	Ahmedabad, Gujarat	
3	13	Army Attachment Camp	Hyderabad	
4	Ch. Anup	NIC	Sambalpur, Odissha	
5	18	Army Attachment Camp	Hyderabad	2011 – 12
6	2	NIC	Rajasthan	
7	D. Murali Krishna	NIC	Ananthapur, AP	
8	P.Sunil Reddy & K.Vidyasagar	Trekking	Tirupathi, AP	2012-13
9.	P.sunil Reddy	Independence Day camp	Hyderabad	
10.	B.Vijaya Reddy	NIC-II	Meerut,UP	
11.	6 Cadets	Army Attachment Camp	Hyderabad	
12.	T.Yerri Babu	NIC-I	Warangal,AP	
13.	V.Jagadeesh	NIC-II	Bihar	
14.	6 Cadets	Army Attachment Camp	Hyderabad	

S.No.	No. of Cadets/ Name	Event	Place	Year
15.	T.Lakshmana Rao	NIC-III	Guntur, AP	
16.	V. Siva Shankar	NIC	Ghazizbad, UP	
17.	L.Challam Naidu	NIC	Barouni, Bihar	
18.	8 Cadets (4 SD, 4 SW)	Army Attachment Camp	Hyderabad	2013-14
19.	8 (Infantry)	Army Attachment Camp	Hyderabad	
20.	Y Vara Prasad	NIC-I	Bhubaneshwar	
21	S.Siva Kumar	NIC-I	Suri	
22	N.Vidya Sagar & V Vijaysamrat	Trekking	Gaya, Bihar	
23	T.Siva Venkateswara Rao	NIC-I	Warangal,AP	
24.	P.Eswara Rao	NIC-II	Darjeeling,WB	
25.	V Raghuram	NIC	Burla, Odissha	
26	12 Cadets	Hockey Team NCC Directorate Team	New Delhi	
27	K Pavan Kumar Reddy	NIC-I	Mysore	2014-15
28.	L Raghu Bhaskar Rao	NIC-I	Hyderabad	
29.	Ch. Ganesh & Y Siva Kumar Reddy	Trekking	Tirupathi, AP	
30.	5 Cadets	Army Attachment Camp	Hyderabad	
31.	2 Cadets	Independence Day Camp	Hyderabad	
32	3 Cadets	NCC Day Celebrations	Secunderabad	
33.	M Harish Kumar	NIC-I	Udaipur	
34	Sgt. B L Durga Prasad	Adv. Leadership Camp	Tuticorn, TN	
35	V Srihari	NIC-III	Gadag, Karnataka	
36	3 Cadets	Republic-Day Celebration Camps	Vijayawada, AP	
37.	6 Cadets	Hockey Team NCC Directorate Team	New Delhi	

Lt. T. Brahmananda Reddy ANO, 2(A) ARTY, BTY, NCC Dr. L. B College received State-level best NCC Officer (DDG Commendation Card) in 2015 at Secunderabad

He also received best NCC Officer award at District level in 2007,2008,2009,2010 consecutively.

III Cadets' Achievements:
- D.G. Commendation Award at National Level.
- Best NCC cadets in Visakhapatnam and Group & State Level
- Cadets got many awards, medals in various camp activities.

PARTICIPATION AND ACHIEVEMENT OF NCC-AIRWING CADETS

- Flying Officer B. R. S.Lakhman Reddy, received best Associate NCC officer Award in 2012 from Capt. Mahendra Dimri, Group Commander, Visakhapatnam.

Following students secured jobs in INDIAN RAILWAYS:

S.No.	Name	Sport	Achievement	Medal
1	S. Balu Mahendra G. Gopi Raju T. Hema Nagendra Babu	Badminton	IU Badminton Championship	Silver
2	S. Balu Mahendra G. Gopi Raju T. Hema Nagendra Babu	Badminton	All-India Inter University Inter Zonal Badminton Championship	Gold
3	K. Sagarika Kanaka Durga	Athletics	National Games held at Kerala	Represented– AP women
4	G. Chinni	Kho-Kho	Kho-Kho National Games Kerala	Represented AP – Men
5	G. Nagendra Babu	Foot Ball	Football team in Santose Trophy Kerala	Represented AP – Men
6	K.S. Bharat	Cricket	Andhra Ranji	Represented
7	K.V. Sashikanth	Cricket	Himachal Pradesh Andhra Ranji	Represented AP - Women
8	K. Tejeswaramma	Basketball	National Games Kerala	Represented
9	B.V. Shivaji	Cricket	All – India Inter Zonal Inter University Vijjy Trophy South – Zone Mumbai	Represented

Students' Achievements:

S.No.	Sport / Game	Medal	Tournament	Held at
1	Weight Lifting (Men & Women)	Gold	AUIC	Andhra University
2	Boxing (Men)	Gold	AUIC	Andhra University
3	Power Lifting (Men & Women)	Gold	AUIC	Andhra University
4	Best Physique	Gold	AUIC	Andhra University
5	Chess (Men & Women)	Gold & Silver	AP State level Yuvatharam IC	Kurnool CCE

S.No.	Sport / Game	Medal	Tournament	Held at
6	Badminton (Men)	Gold	AP State level Yuvatharam IC	PVKN College Chittor
7	Badminton (Men)	Gold & 8000/-	All – India Inter Collegiate	SSN College Chennai
8	Lawn Tennis	Silver & 5000/-	All – India Inter Collegiate	SSN College Chennai
9	Cricket	Bronze & 76000/-	KPL All India Invitational T – 20 Day & Night Cricket Tournament	KIIT University, Bhubaneswar
10	Cricket	Gold	District Regional level Eenadu / Master Mind Cricket Tournament	Visakhapatnam
11	Cricket	Silver	State level Eenadu / Master Mind Cricket Tournament	Vijayawada

Degree College has secured All Round Games & Sports Championship in AUIC Games & Sports meet for the academic year 2014 – 15.

T. Swetha Rani BBM II year:

S.No.	Sport / Game	Medal	Achievement	year
1	Running 400mts	Bronze	Yuvataranga	2013 – 14
2	Long Run 3000mts	Gold	Yuvataranga	2013 – 14
3	Walking 5km	Silver	District Level Bhimavaram	2013 – 14
4	Rellay 4 x 100 mts	Gold	District Level Bhimavaram	2013 – 14
5	Power Lifting	Silver	Inter Collegiate	2014 – 15
6	Weight Lifting	Bronze	Inter Collegiate	2014 – 15
7	Power Lifting	Silver	State Level Competition	2014 – 15

Major student achievements:

S.No.	Name of the Student	Student Achievement	Year
1	P Stephen Anurag (B.A)	Presented a paper on Public Policy at International Seminar Colombo, Srilanka	2014
2	P Stephen Anurag (B.A)	Presented a paper on Environment Affecting Policy at a National Seminar, Dr. V.S. Krishna College, Visakhapatnam

Presented Research Paper on "National Undergraduate Research Conference at Manipal Center for Philosophy and Humanities, Manipal University, Karnataka | 2015 |

S.No.	Name of the Student	Student Achievement	Year
		Presented paper on "Social work action and activism addressing issues of global concern" at De Paul Institute of Science and Technology, Kerala.	
3	S.T.P.L Ushasri S. Sivaji, S. Pavani M. Rama Murthy	Paper titled," Some observations on the mortality by resting behaviour and conservation of Olive Ridley Sea Turtles along Visakhapatnam Coast (Naval Coastal Battery to Bheemunipatnam) Andhra Pradesh, India" presented in the National Seminar on Marine Biodiversity and Management of Coastal Ecosystems Organized by Department of Marine Living Resources, College of Science and Technology, Andhra University.	2015
4	M. Jyothsna	Paper titled, "Processed Foods Vs Traditional Home made Foods" presented at 2 Day National Workshop on obesity "A lifestyle Challenge" held at Dr. V.S.K Krishna Government Degree College and PG College, Visakhapatnam.	2015
5	Pragathi Murthy (B.A)	Appointed Research Analyst in amazon.com	2015
6	Sahithi Shobha (B.A)	Appointed Research Analyst in amazon.com	2015
7	Group of 7 Students (B.A)	Participated in Voter Enrollment Program	2014
8	P Stephen Anurag (B.A)	Acted as General Secretary in MUNA (Model United Nations Associations) conducted by the Department of Psychology in a joint venture with Dr. L.B. College, Visakhapatnam	2015
9	Students of B.A	Conducted Model Parliament	2010-11 2011-12 & 2014-15
10	Sreevani, B.Com	Received Prathibha Award from the Chief Minister of Andhra Pradesh for Excellence in Academics	2014-2015

Use of feedback from stakeholders to improve the performance and quality of the institutional provisions

The institution has no formal mechanism in preserving the data of the graduates or the feedback of the employers. The feedback from alumni, the subject experts from Universities and other Colleges is taken to enrich the student knowledge base and enhance their performance. The feedback from the employers during the placement drives is taken and suggestions are implemented to make the students market fit.

Students' involvement to publish materials like catalogues, college magazine
College has brought out a student handbook to encourage the students to publish articles in the areas of their interest.

Student Council or any similar body
<div align="center">**No**</div>

Academic and administrative bodies that have student representatives on them

<div align="center">**No**</div>

Institution's network and collaboration with the Alumni and former faculty
The institution has a registered alumni association   However, alumni interaction with the present students is enabled on their occasional visits to the campus. This interaction is helpful to the students in identifying career options and employment opportunities. The former faculty is often invited to give guest lectures, hold interactive sessions and even in specific cases render technical support in computer laboratories.

CRITERION VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

Institutional Vision and Leadership

The institution is governed by principles of delegation and accountability. Participative management is the style followed for formulating strategies and plans. Participative management includes formulation of strategies, designing systems to enhance quality in teaching and learning, empowerment of teachers, administrative efficiency; feedback to evaluate the working of systems, etc., the focus of this criterion is explained in the items noted below.

VISION, MISSION AND INSTITUTIONAL CHARACTERISTICS:

The institution functions keeping in view the vision mission.

To serve the student community by imparting education imbibed with human values leading to holistic development of individuals while transmitting knowledge and enhancing skills to help them reach the upper echelons in life and contribute for the betterment of society.

1. Vision Statement:
- ◆ To serve the student community by imparting education imbibed with human values leading to holistic development of individuals while transmitting knowledge and enhancing skills to help them reach the upper echelons in life and contribute for the betterment of society.

2. Mission Statement:
- ◆ To facilitate smooth and qualitative conduct of teaching and learning activities.
- ◆ To empower students with contemporary knowledge and skills to provide competitive edge.
- ◆ To expand teaching and learning activities by offering relevant study programs to meet the needs of the society.
- ◆ To ensure a conducive learning environment for the growth of teachers and students.

3. The characteristics of the institution

Expansion of Educational Services:

The institution offers educational services to a large number of students in a wide range of programmes at U.G and P.G levels.

At P.G level, 11 different programmes are offered under Life Sciences, Physical Sciences, Arts, Computer Sciences and Management Studies.

At U.G level the programmes offered are in Commerce, Management, Arts, Life Sciences and Physical Sciences.

Support to Socially disadvantaged students:

The needs of students from socially disadvantaged classes are met by supporting them with reservation in admissions, reasonable fee structure and convenient payment terms, scholarships and fee concessions.

Quality Teaching Initiatives:
Awareness is created among teachers on the need for quality teaching. Teaching Plans, Teaching Notes, Activities Files, Use of Technology, Feedback from students, Results analysis, awards to good Performers, Peer Teams Assessment, Performance Reviews, etc., are the measures adopted to ensure quality teaching.

Initiatives for Effective Learning:
Awareness among students is being created continuously on the need for focused learning and its uses. Attendance monitoring and reporting, regular conduct of assignments and internal exams, training in value added skills and knowledge, rewards for good performance, etc., help to make learning more effective.

Value Addition Initiatives:
Add-on programmes on relevant knowledge in core subjects (as well as on other) subjects that help them succeed in social life are offered and related to students.
Training programmes in employable skills such as English communication skills, soft skills, arithmetic skills and reasoning skills.

Support for Placements:
Placement Cell works to expose the institution to the industry. Industry functionaries are invited to the campus and students visit industrial units. Requirements of employers are gauged and students are trained to match the requirements for success at placement drives organized on the campus and other colleges / Universities.

4. Traditions of the Institution:
Working with a human face and inclusiveness is the long tradition of the institution.

5. Value Orientation:
To enhance students' abilities, knowledge and skills for nation building activities.

6. Vision for future:
Vision for future is to produce students with self worth on par with international   standards in terms of knowledge and skills.

MANAGEMENT / PRINCIPAL / STAFF LEADERSHIP IN POLICY AND PLANS:
The Secretary & Correspondent interacts with Principal / Deans at regular intervals. He motivates the campus leadership and sets direction to move forward. He shares his views on the scope for quality, creativity and innovation.
Down the line, Principal / Deans provide similar leadership to faculty to ensure quality, creativity and innovation in their approach to work. Principal /

Deans encourage faculty to be more creative and innovative in delivering the services to the students.

Leadership at all levels have the academic freedom, within the broad policy frame, to work and deliver the output to meet the expectations.

LEADERSHIP INVOLVEMENT:

The Secretary & Correspondent as the top head interacts with Directors, Principal and Deans. He is involved in motivating campus leadership and sets policy directions, sets expectations and review reports on the functioning of the various systems implemented in the institution.

In tune with the direction set by the Secretary & Correspondent, the campus leadership under the guidance of the Director meet to discuss ideas, share views and formulate policy statements and design action plans for approval and implementation in co-ordination with the concerned staff. The Deans / Principal implement the action plans designed and are accountable for the outcome. The Leadership is involved to ensure the following:

THE POLICY STATEMENTS AND ACTION PLANS FOR FULFILLMENT OF STATED OBJECTIVES:

Policy statements and action plans pertaining to quality are coordinated by IQAC and campus leadership is involved in shaping them.

The policy statements and action plans that are implemented through the involvement of leadership include mandates for teachers and HODs, feedback from students on teachers, teachers performance appraisals, awards for performing teachers, add-on programmes, skill development training to students, etc.,

The strategy is quality enhancement by building capabilities of students and teachers. The initiatives under this strategy include add-on programmes, skills training programmes, placement activities, performance assessments and reviews, awards for good performers.

INTERACTION WITH STAKEHOLDERS:

Leadership interacts with teachers, students, parents, industry and the society.

Teachers: The leadership (Principal / Dean) interacts with teachers to convey the expectations and to understand their experiences with students and to channelize resources to meet the needs for better teaching and learning activities. Staff meetings are the best opportunities for interaction with teachers as a group.

Students: Leadership interacts with students to understand their needs, to convey the institution's expectations, to plan and organize to meet their needs and to build a bond with the institution. Principal / Deans visit class rooms and interact directly with students at the beginning of the year and during the year. They interact with small groups of students who bring laurels to the institution. They also interact with students who need advice or caution / warning.

Need Analysis, Research and consultation:

Basing on the need analysis in consultation with stake holders the leadership's decision to establish, the Placement Cell and Skills Development Centre are

the results of analysis of needs of students, research inputs and consultations with stakeholders.

IQAC analyzed the students need for jobs and their existing knowledge / skill levels, consulted the industry sources on job opportunities and assessed the expectations of potential employers. Subsequently, research was done on how to bridge the gap between the students' abilities and the industry expectation and to get our students employed.

Reinforcing the culture of excellence:

IQAC coordinates with campus leadership in reinforcing the culture of excellence. Student's feedback on teachers, results analysis, performance appraisals by authorities and peers, awards for good performance by teachers and students, etc., are the systems in practice to inculcate the culture of excellence.

SUPERVISION OF ACTION PLANS:

In case of policies applicable to all departments on the campus, IQAC takes the lead, coordinates with Principal / Deans for their views and designs plans of action for implementation. Principal / Deans are responsible for implementation and reporting the data. IQAC monitors the implementation and evaluates the data and the reports are shared with the concerned Principal / Deans for reviews. Copies of such reports with due analysis are sent to the management for perusal.

In case of policies specific to a particular unit, the concerned head (Principal / Dean) is responsible to design the plan of action for implementation, monitoring and evaluation. IQAC extends its support where ever required.

The effectiveness of action plans is evaluated by comparing the actual results of action plans with the results intended. In case of divergence, the action plans are improved in consultation with the stake holders. For such improvements, meetings with Principal / Deans are held before final decisions are taken.

DETAILS OF THE ACADEMIC LEADERSHIP PROVIDED TO THE FACULTY BY THE TOP MANAGEMENT:

The faculty is allowed operational freedom during the process of academic impartation to reach the set expectations.

The organizational support in terms of academic freedom for innovative initiatives develops leadership qualities.

Non interference by the top management into the domain of the functionaries and encouragement given through various support systems ensure academic independence and leadership.

LEADERSHIP GROOMING:

Teachers with leadership abilities are selected for grooming. They are exposed to live academic and administrative issues to understand the range and contents. The Principal / Deans, while handling issues, involve them in discussions and guide them on merits of final decisions. At times, independent tasks are entrusted to handle and the results produced are monitored.

Activities such as admissions, time-table preparation, conduct of classes, attendance monitoring, conduct of exams, students grievances, participation in performance reviews, general administration, etc., are entrusted to such teachers as part of grooming.

DELEGATION OF AUTHORITY AND OPERATIONAL AUTONOMY:

The principle of decentralization is at work on the campus. The operations in the college are categorized into **four units / divisions** and each is headed by a Principal / Dean. The units are –

    (i)   Commerce (U.G),
    (ii)   Arts & Sciences (UG)
    (iii) Computer Science and Management Studies (P.G),
    (iv) Arts and science (PG)

Authority is delegated to Principal / Deans to manage the issues within their purview. They are given freedom to decide and implement plan of action within the broad policy framework and are responsible for the outcome. In turn, Principal / Deans delegate authority partly to HODs in their respective departments. Further HODs and Teachers are guided by Mandates and Job description details which are circulated for adherence. **Refer Annexure 2 and 3.**

The delegation of authority along with operational autonomy is in place as part of the decentralized governance system.

PATICIPATIVE MANAGEMENT:

The participative management is at work at three levels. The management invites Directors, principal /Deans for discussions in all aspects at high level meetings. In turn the Directors discuss with Deans and Asst. deans for implementation of plans and finally at low level the Deans interacts with HOD's for logistics.

1. Secretary and correspondent ➔ Directors ➔ Principal / Deans
2. Directors ➔Principal / Dean
3. Principal /Deans ➔HOD

STRATEGY DEVELOPMENT AND DEPLOYMENT

The leadership provides clear vision and mission to the institution. The functions of the institution and its academic and administrative units are governed by the principles of participation and transparency. Formulation of development objectives, directives and guidelines with specific plans for implementation by aligning the academic and administrative aspects improves the overall quality of the Institutional provisions.

QUALITY POLICY DEVELOPMENT:

Quality policies and student quality are inter-linked. Quality policies are designed with a purpose to equip students with required skills of global competence for participation in nation building activities. Students are assessed and categorized into groups basing on their performance levels and suitable delivery systems are designed.

Development of Quality Plans: The leadership on the campus carefully studies the changes that takes place in the industry / market and consequently trains students in those lines in terms of knowledge, skills and

talent. The leadership does discuss issues associated with expectations and abilities and arrive at consensus on enhancing the quality by developing a policy to bridge the gap between the expectations and abilities. Thus developed quality policies.

Drivers of quality: The key drivers of quality policy are
 (1) Expanding educational services
 (2) Requirements of growing economy and job market needs.

The expansion of educational facilities helps people from lower strata in the society to send their children to institutions of higher education. However, the abilities of these students are very low in terms of fundamentals / basic knowledge and communication and other employable skills. Special efforts are needed to enhance their quality. On the other hand, growth in economy and globalization of business expect from students a reasonable level of knowledge in core subjects, behavioral attitudes, interpersonal skills, technology use, etc. Our quality policy based on the above drivers focuses on improving abilities in students to meet the requirements of the job market and seize the opportunities.
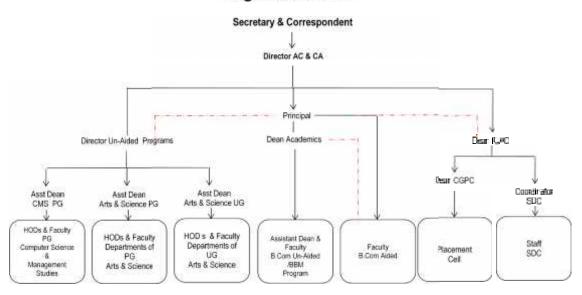
Deployment: Initiatives deployed as part of quality policy are Job description for Teachers and HODs, Add-on programmes, Skills Development Programmes, Industry interaction, Feedback System etc.,

PERSPECTIVE PLAN:
The perspective plan of the institution is to utilize the resources. In general to serve students from weaker sections of the society and in particular to enhance their self worth. The perspective plan is to elevate the institution to autonomous status.
Aspects considered for inclusion in the plan are - reasonable fee structure, reservations in admission, facilitating scholarships / fee concessions, sports promotion, extra - curricular activities such as NCC, NSS, adequate infrastructure and teaching aids, strengthening IQAC, Campus Placements, skills training, add-on programmes, etc.,

INTERNAL ORGANIZATION CHART .

Organization Chart

Secretary & Correspondent

Director AC & CA

Principal

Director Un-Aided Programs   Dean Academics   Dean IQAC

Asst Dean CMS PG   Asst Dean Arts & Science PG   Asst Dean Arts & Science UG   Dean CGPC   Coordinator SDC

| HODs & Faculty PG Computer Science & Management Studies | HODs & Faculty Departments of PG Arts & Science | HOD s & Faculty Departments of UG Arts & Science | Assistant Dean & Faculty B.Com Un-Aided /BBM Program | Faculty B.Com Aided | Placement Cell | Staff SDC |

The decision making process on the campus is decentralized. The organization is divided into units and each unit is headed by a Principal / Dean / Administrative Officer.

Principal / Deans are delegated with the authority to direct and guide the HODs and teachers in the departments under them. They are also responsible to make decisions and to conduct activities smoothly and productively.

Whenever issues that are common for all units arise, meetings of all Principals / Deans are called for discussion and decision making.

The systems initiated by IQAC are fully discussed at such meetings before finalization.

The central administration unit working under the Director looks after the issues pertaining to the entire campus – building resources, documentation, finance, interaction with outside agencies, etc., this unit also directs and guide the administration cells in other units for administrative cohesion on the campus.

The Director is responsible for smooth functioning of the activities on the campus. He convenes meetings for discussions and takes timely decisions. The Director reports to the Secretary & Correspondent   The Secretary & Correspondent sets policy direction for all decisions made on the campus. All decisions become valid subject to the approval of Secretary & Correspondent.

QUALITY IMPROVEMENT STRATEGIES:
Teaching and Learning: The strategies include guidance, monitoring, review and reward policies.

Mandates with details of Job description for teaching functionaries are communicated. The Principal / Deans follow it up with guidance to reach the expectations. The output is reviewed for further guidance and rewards.

These include steps such as – academic planning, maintaining teaching notes, use of technology, industry interaction, feedback system, exams results analysis and rewards and recognition for individual and team performance.

- **Research & development**: Research is given due importance. However, support is extended to those who are self motivated for research and development. Research lab is reasonably equipped with facilities and much of the research activity carried on is in the area of Life Sciences. Teachers have the access to research facilities in the campus while pursuing their Ph.D and M.Phil programmes.

- **Community Engagement**: There are four units of NCC representing Army, Navy, Air force and a separate unit for girl cadets. Students in these units along with their teachers participate in activities that serve the society. The activities are awareness campaigns on environment, health & hygiene, literacy, water and energy conservation, medical camps, blood donation, etc.,

- **Human Resource Management**: Human Resource Management on the campus is based on compassion and care. Functionaries are monitored by their respective Principal / Deans for day to day management. Campus Central Administration takes care of their compensations, recruitments, promotions, welfare measures, etc.,

- **Industry Interaction**: The Placement Cell is headed by a Dean who is professionally well connected with industry for effective interaction. Industry functionaries are invited to the campus to attend events and to deliver guest lectures. Students go on industrial visits and get exposed to the world of work.
  Campus drives are organised by a good number of companies for recruitment of students.

FEEDBACK REVIEW:

- ❖ **Feedback from Students on Teachers**: IQAC collects feedback from students on teachers every year. The feedback is collected online from all students on the campus. Questionnaire covers teacher's attributes and the responses measure teacher's quality in student's perspective. Student response is elicited on various attributes of a teacher. **Annexure – 4** for the student's feedback questionnaire. The reports obtained are shared with the concerned, their immediate superior and the management. As a follow up the top management conducts review meetings, department-wise, and the immediate superior are instructed to implement follow up measures, wherever required.

- ❖ **Feedback from Deans**: Deans assess the performance of teachers working under their purview. Based on the Dean's assessments, teachers are guided, wherever required, to overcome the deficiencies. **Annexure – 11 for the Questionnaire -** Assessment of Teachers by Deans / Principals**.**

- ❖ **Feedback from Teachers**: Feedback from teachers is collected through personal interactions and Self Assessment Questionnaires.

Annexure – 6 for Self Assessment of Teachers Questionnaire. The summarized data is shared with the top management.

❖ **Feedback to parents**: Regularity of students to classes is closely monitored and in case of irregular students timely feedback is shared with parents to ensure improvement. Feedback on performance in internal exams is shared with parents. In case of academically backward students, parents are invited to the college for discussions.

❖ **Feedback from Peer Teams**: Routine activities for performance of departments are listed to comply with and to record the data. Peer Teams are formed to visit departments and review the compliance of the listed activities. The reports submitted by Peer teams on the functioning of departments are shared with the management. **Annexure – 5 for the Peer Team Report format.** The concerned departments are also informed of the views of the Peer teams and tips are given to improve.

❖ **Feedback from Parents**: Feedback from parents who visit the college from time to time is gathered through their personal interactions with Principal / Deans / HODs/ Teachers. This is summed up and relevant information is shared with management to ponder upon.

JOB DESCRIPTION FOR TEACHERS AND HODS:
Job description is specified and the expectations are discussed and finalized. Statements of mandates and Job description for Teachers and HODs are given in. **Annexures 2 & 3.**The functionary is asked to build a process or follow the existing process, as the case may be, to ensure that the teaching and learning activity serves its purpose. The functionary is allowed operational freedom during the process to reach the set expectations. The functionary is provided with the organizational support as well as infrastructure support during the process. Important accomplishments are recognized and rewarded wherever possible.

Resolutions made by the Management Council
The following are few of the issues that were discussed and resolved by the Management Council:
   RESOLUTIONS:
o   Decided to construct Additional Buildings, accepting the request from the Andhra Bank for a larger space for their Branch office operations.
o   MOU with Tally Inc, Bangalore to train and certify our Commerce students in computerized Accounting.
o   MOU with NASSCOM for recruitment opportunities to students, strengthening our Skills Development Centre on the campus working on training our students in employable skills.
o   Restructuring the Placement Cell to improve organizational efficiency.
o   Revision of scales of pay for Teaching and Non-teaching staff.
o   Revision of college timings and introduction of biometrics to staff.
o   Supply of free lunch to Non-teaching staff.

IMPLEMENTATION:

❖ Construction of some buildings is completed and occupied while the work on one building is in progress. The Andhra Bank, as requested is given the newly constructed premises for its branch operations.

❖ The MOUs with Tally Inc and NASSCOM are implemented by conducting training programmes in Computerized Accounting, Communication Skills and Employable Skills.

❖ The Skill Development Centre is strengthened by appointing more trainers. In addition, training modules are reviewed and revised after interactions with industry recruiters.

❖ Placement Cell is restructured by delegating role plays. New positions are created to play the roles effectively.

❖ Biometric system is introduced to monitor entry and exit timings of staff to ensure improved administrative control.

❖ Revision of scales of pay is implemented to Teaching and Non-teaching staff, a couple of months back.

University according the status of autonomy

- NOT APPLICABLE –

GRIEVANCE REDRESSAL MECHANISM:

Whenever grievances surface, during interactions, efforts are made to resolve them. Establishment of committees is done.

There is an established mechanism for Redressal of grievances of students and staff. Grievance boxes are kept at prominent places in the college The boxes are opened once in a month in the presence of the members of the committee and the grievances received are noted in a book and necessary action is immediately initiated. Follow up action taken on the grievances is also recorded in the concerned minutes book. Staff members are requested to their grievances on paper and submit them to their immediate superior for necessary action. Time taken for redressal of grievances varies depending upon their nature.

During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No court cases filed either by the Institution or against the Institution.

FEEDBACK FROM STUDENTS ON INSTITUTION:

The institution is benefitted by knowing its strengths and weaknesses and clues to improve. The outcome of feedback ensured few quality initiatives in the institution. Such as establishment of placement cell, establishment of skills development centre, interaction with Industry, use of technology, add-on programmes, etc.,

Faculty Empowerment Strategies

The process of planning human resources including recruitment, performance appraisal and planning professional development programmes and seeking appropriate feedback, analysis of responses and ensure that they form the basis for planning. Efforts are made to upgrade the professional competence of the staff.

There are mechanisms evolved for regular performance appraisal of staff.

SUPPORT FOR PROFESSIONAL DEVELOPMENT OF STAFF:

The institution makes the following efforts for professional development of functionaries.

Teaching:
- o Extending support to teachers for participation in faculty development programmes organized by university.
- o Support with financial sanction and other facilities to organize/attend seminars, workshops etc.,
- o Encouraging teachers to participate and present papers at seminars, workshops, etc., and rewarding for papers published in referred Journals.
- o Supporting teachers to enhance their qualifications such as M.Phil, Ph.D., by allowing them to use the campus infrastructure facilities such as Laboratories, consumables, equipment and other resources.

Non – Teaching:
- Training programmes are conducted on use of computers for office purpose.
- Staff is guided to deal with students in a friendly and courteous manner.

FACULTY EMPOWERMENT:

The strategy includes – clarifying the functionaries on the details of their role and expectations. Annexures – 2 & 3 on Job description. Entrusting the functionaries to a senior for necessary guidance and timely support; monitoring and review of the performance at regular intervals and suggesting corrections wherever required.

PERFORMANCE EVALUATION AND REVIEW:

The performance of staff is appraised by (1) Students (2) Peer Teams .

- Student Evaluation: Evaluation of staff by students, through feedback on various attributes :. **Annexure – 4.**
- Teacher's performance is evaluated and reviewed basing on University exam results.
- Peer Team Evaluation: Activities prescribed to perform are listed and mandated. Peer Teams visit departments and evaluate the performance on the basis of the data recorded.

Summarizing the above, IQAC prepares reports on the Performance of functionaries and submits for review to the management.

The functionaries appear before the management for review meetings. Functionaries with low performance levels are cautioned and advised to follow the guidelines more rigorously for improvement in future. Such functionaries will be monitored by the concerned superior or timely guidance and action. Functionaries whose performance is outstanding are recognized and rewarded.

The outcome of the review of the performance appraisal reports by the management and the major decisions taken

Review of Performance:

The performance of teachers is measured with the help of three tools- Feedback from students, Result analysis and Self Assessment of Teachers. The reports generated, at the first level, are reviewed by the concerned Deans. As part of the review each teacher is given an opportunity to explain the reasons for the standard of performance recorded. During the review the Dean guides / suggests, appreciates / cautions the teachers, as the case may be. At the next level the performance appraisal is done by a team headed by the Secretary & Correspondent with the Director and few senior functionaries as other members of the team.

Outcome of the Reviews:

The review of performance helped teachers to rethink and fine tune their working styles. Many teachers improved their performance levels over a period of time. Two teachers, who are not comfortable with performance appraisals, have left the institution.

Major Decisions:

It was decided to reward cash award Rs.5000/- each to teachers whose performance is more than 90% in feedback and university results. It was also decided to issue letters of warning for those whose performance is less than 80% in feedback and university results. It was decided to constitute the Best Department Award for all round performance. The award carries a grant of Rs.50,000/- for the academic development of teachers and facilities in the department.

Communication:

Committees are constituted to screen the performances of teachers and departments and to decide the awardees. The decisions are communicated to concerned teachers and departments through internal channels of communication and awards are presented a functions organized for the purpose.

WELFARE SCHEMES FOR STAFF:

Welfare schemes available for teaching and non teaching staff include Contributory Provident Fund Scheme and Employee State Insurance Scheme. Around 90% of the staff have been availing themselves of the benefit under these schemes.

FACULTY RETENTION:

The measures are implemented for retaining the good faculty.
- o Academic freedom and support to creative and innovative initiatives.
- o Non interference by the management into the domain of the functionaries during performance.
- o Teachers with experience and found useful are retained in service even after super-annuation.

Financial Management And Resource Mobilization

Budgeting and optimum utilization of finance, including mobilization of resources are the issues considered under this key aspect. There are established procedures and processes for planning and allocation of

financial resources. The institution has developed strategies for mobilizing resources and ensures transparency in financial management of the institution. The income and expenditure of the institution are subjected to regular internal and external audit.

ACCOUNTING SYSTEM:

The following is the mechanism the institution follows for effective and efficient use of available financial resources. It is mandatory that all receipts and payments are routed through bank a/c only. All expenses are subject to prior budget approvals.

- Before spending:
  All expenses, except petty, are subject to sanctions processed through office notes justifying the expenditures. The notes pass through three levels before getting sanctioned.
  For purchase of items a system of competitive bidding is followed to ensure best quality at best price.
  In case of expensive purchases or constructions, committees are specially constituted to finalize the suppliers / contractors.
  In case of construction, engineering department on the campus assesses the quantity and quality of the work done and recommends release of payments.

- After Spending:
  Accounts department takes care of proper accounting of the amounts released.
  Internal audit is done at regular intervals to ensure that the resources are spent properly.
  Statutory audit is also done by external auditors who certify the accounts and file the returns for tax purposes. College is exempted from payment of tax under Sec12 (a) of Income Tax Act.

MECHANISM OF INTERNAL AND EXTERNAL AUDIT:

The Institute registered under Societies Registration Act with the sole objective of extending education to all sections of the society. As per the Income Tax rules laid down with respect to the above status of the institution, the income of the institute is wholly exempted from tax, subject to the condition that, the financial statements are audited by the External Auditor with his opinion in the form of a report in compliance with the stated bye laws and as per the requirements of the provisions of the act.

The Institute has a formal mechanism to get its Accounts audited by the external auditors to prove the authenticity of the financial statements and other systems prevailed in the organization in addition to the internal audit performed by a team of institute personnel to monitor and review the policies, methods, procedures of the organization to achieve the management objectives.

The last audit was done for the previous year 2013 – 2014 relevant to the assessment year 2014 – 2015, and there was no audit objections or reservations made by the auditor as the financial statement reflecting the true and fair view in compliance with the relevant rules and regulations of the Act.

Institutional receipts/funding audited income and expenditure statement of academic and administrative activities INCOME /EXPENDITURE STATEMENTS OF LAST 4 YEARS.

The major sources of Institutional receipts are thorough the Fees collections from the students as per the norms laid by the government for Aided sections and as per norms laid by the competent Regulatory Authorities for Post Graduation and Management studies.

The deficit, if any, was met from the previous year's surplus funds and hence there is no special attention devoted to mobilize the funds from the outside sources. The copies of audited financial statements are enclosed.

ADDITIONAL FUNDING AND THE UTILIZATION OF THE SAME

The institute has not secured additional funds from any of the outside agencies except for the salaries for the aided teaching and non teaching which are funded by the State Government on regular basis.

Internal Quality Assurance System (IQAS)

The internal quality assurance systems of HEIs are Self-regulated responsibilities of the higher education institutions, aimed at Continuous improvement of quality and achieving academic excellence. The institution has mechanisms for academic auditing. The institution adopts quality management strategies in all academic and administrative aspects. The institution has an IQAC and adopts a participatory approach in managing its provisions.

Internal Quality Assurance Cell (IQAC)

➢ Make IQAC as an important mover to enhance quality in the campus. Efforts, contributions of IQAC are as below:

• Mandates: Mandates and Job Description for teachers and HODs are prepared for effective performance. **Annexure 2 and 3**.

• Activities Files: List of activities are mandated for teachers and HODs to implement and record the data out of it. These activities are in line with the mandates prescribed for them. **Annexure 8 and for 9** list of activities to be performed by Teachers and HODs.

• Peer Teams: Peer teams are constituted to visit other departments to review the performance based on activities files and to submit reports to the management on the functioning of departments. **Annexure – 5 for Peer Teams Report format.**

• Feedback from students: Feedback from students on teachers is initiated to understand the performance of teachers. A feedback questionnaire is designed with teacher attributes. The feedback is collected online from students. **Annexure – 4**

• Teachers Self appraisal: Questionnaire is designed for teachers' self appraisal. This questionnaire is based on their job description document. This is to remind teachers their own strengths and weaknesses and for the management to review the same. **Annexure – 6.**

• **Teachers Appraisal by Principal / Deans:** Deans appraise the performance of teachers working in their units and the same is reviewed

by the management. **Annexure – 11 questionnaires on Teachers Appraisal by Principal / Deans.**

DECISIONS OF THE IQAC INITIATED, APPROVED AND IMPLEMENTED:

- Awards Schemes: Individual teachers and departments whose performance is good and worth recognition are rewarded under three separate reward schemes. IQAC designed the criteria for selection and the same was approved at leadership meetings.
- Best Performing Teachers: Teachers whose feedback score and examination results cross 90% are recognized as Best Performers and they are rewarded with cash award of Rs.5,000/- and a certificate. **Annexure – 10 criteria for the award.**
- Creative / Innovative Teachers: Teachers whose creative / innovative ideas / processes help to enhance the operational efficiency are recognized and rewarded for their contribution with Rs.10,000 as cash award and a certificate.
- Best Performing Department: The performance of Department is evaluated on the basis of eight point criteria. The toppers in U.G and P.G streams are recognized as the Best Performing Departments of the year. **Annexure – 10 criteria for selection for awards.**
- Placement Cell: Placement Cell guides students on career opportunities and placement opportunities. The cell inspires students to work for the enhancement of their knowledge and skill levels to become strong contenders at placement drives.
  For the purpose, a professional with strong industry experience was appointed as Dean. The cell has been working to improve the industry and the institution interaction for the benefit of students.
- Skills Development Centre (SDC): The need is recognized to train our students in employable skills for success at placement drives. The employable skills are communication and soft skills, arithmetic skills and reasoning skills. For the purpose SDC was established and professional trainers are hired to train students. Consequently, the success rate improved at campus drives.
- IQAC does not have external members on its committee.
- IQAC has an informal mechanism of interacting with the students and alumni, by taking exit feedback to ensure the enrichment of the already existing practices and its effective functioning.
- IQAC communicates with the staff members through regular meetings, through concerned Deans and also through circulars.

FRAMEWORK FOR QUALITY:

Integrated framework for Quality assurance of the academic and administrative activities
The frame work for quality assurance begins with motivation and ends with rewards in recognition of quality performance.

The critical components of quality framework are to motivate, prescribe, monitor, measure, review and reward. Motivation happens through interactions. Other aspects are:

> The teaching functionaries are informed of the prescribed mandates containing different aspects of their role with guidelines. This includes activities and attitudes.
> Activities files mandating activities and recording data.
> Feedback from students on teachers on various attributes, aspects mandated, etc.,. Peer teams assessment of activities performed by teachers as mandated in activities files.
> Performance reports are consolidated of teachers basing on student feedback, peer team report, performance of students in university exams, and the creative / innovative contributions.
> Consolidation of performance of departments is done on the basis of eight point criteria to identify the top departments one each in UG and PG streams.
> The consolidated performance reports are reviewed by the management for further guidance and improvement.
> The best performers at individual and group levels are rewarded.

STAFF TRAINING:

No formal training is in practice. All quality processes are discussed in full at leadership level before the decision is implemented. Hence, all Principal / Deans are fully aware of the details and they in turn train / guide functionaries in their respective spans during implementation. However, IQAC is in touch with all the functionaries on the campus and extends support wherever required.

Institution's Academic Audit or other external review of the academic provisions

External academic audit for UG courses is in practice every year by a state govt. nominated representative (APSCHE). However, internal academic audit is also in practice. Principal / Deans audit the work of teachers with the help of academic plans, teaching notes, teaching diaries and interactions with students. Peer teams visit departments to assess their performance and prepare reports.
All these audits are aimed at improving the quality of performance by the functionaries.

QUALITY PRESCRIPTIONS OF REGULATORY AUTHORITIES:

The institution follows the quality assurance mechanisms as prescribed by regulatory authorities such as affiliating university, AICTE, and APSCHE. The quality prescriptions of these agencies include staff pattern, eligibility, recruitment norms, syllabus, work load, pedagogy, exams, evaluations, results, etc.,
There is a structure internal quality mechanism in line with NAAC prescriptions which enhanced the quality of teaching and learning activities through its various initiatives.

QUALITY REVIEW SYSTEMS:

Continuous review of learning process: The institutional mechanism includes – attendance and regularity to classes, performance at internal exams and performance at final exams.

Each class is entrusted to a teacher to monitor the students in the class their attendance and performance in exams. The attendance is recorded every period by the concerned subject teachers. It is consolidated once in a month and put up on the notice board for information. In case of students whose attendance is poor, reports are sent to parents for follow up. Similarly, for poor performance in internal exams, students are warned and the parents are informed.

By the end of the year if the student does not appear to show any improvement, he will not be permitted to appear for final exams.

Continuous review of teaching process: It includes regular review of academic plans for compliance and the teaching notes for quality. The concerned Principal / Dean / HOD reviews it at regular intervals.

Peer Teams visit department to review the performance in the activities involved in teaching processes. They study the data and make assessment of the performance. Such reports are reviewed by the management for the purpose of review.

Student feedback is taken once in a year by the IQAC. However, the concerned Principal / Dean takes feedback on teachers at frequent intervals, to review, guide and improve the performance of teachers.

QUALITY CONSCIOUSNESS:

Quality consciousness is created on the campus through meetings and discussions conducted at all levels on various quality policies / practices, responsibilities and expectations from teachers and students. Concerned Principal / Deans communicate the need to implement action plans to improve quality in performance and also the outcomes of such implementations to the internal and external stakeholders through reports.

CRITERIA VII
INNOVATIONS AND BEST PRACTICES

This criterion focuses on the innovative efforts of an institution that help in its academic excellence. An innovative practice could be a pathway created to further the interest of the student and the institution, for internal quality assurance, inclusive practices and stakeholder relationships.

Environment Consciousness
The institution displays sensitivity to issues like climate change and environmental issues. It adopts environment friendly practices and takes necessary actions such as – energy conservation, rain water harvesting, waste recycling, carbon neutrality etc.

Environment Consciousness:

The Institution aims to create Environmental consciousness and ethics that foster awareness about environmental conditions and behavior. This is created by distributing information on environmental related matters together with improving environmental awareness of residents in our society too.
Environmental awareness is done through campaigns, workshops, exhibitions, competitions and training programmes. These are organized extensively to sensitize people of the environmental problems through seminars, Guest Lectures and observing world Environmental Days.

The following events were conducted by various departments of our college.

- Department of Microbiology & Research Centre (P.G), has organized a National Seminar on 3rd December, 2011 on "Microbial Technology for Environment Protection", which is aimed to focus on the advances of Microbial Technological approaches to overcome today's environmental problems as well as potential solutions in several applied aspects related to human welfare and environment protection.
- Department of Biotechnology, P.G has conducted a pilot project on Biogas production by using vegetable waste. Since it was successfully executed in the lab it has been proposed to extend on a big scale in future in the campus.
- Constant support is extended by the Management to organize Guest Lectures on Green Chemistry, Wild Life Conservation, Green Revolution, Global warming etc., at P.G and U.G level.
- Exhibitions and competitions were organized on "World Ozone Day", "World Conservation Day", "International Day for Science and Peace" and "Green Consumer Day" etc, to initiate competitive skills and talent towards Environmental consciousness and sustainable livelihood in students.
- Eco-friendly Ganesh Festival is being celebrated for the past three years in the college where importance is given to create Green Ganesh idol with clay, paper, hay etc., to create nature friendly attitude in students, staff and society.

- The students of U.G courses participate in various Inter-collegiate competitions, every year and bagged many prizes.
- Students created model exhibits, which was organized on the occasion of "World Ozone Day". The focal theme of the competition was "The ways that preserve our Mother Earth". This helped the students to acquire and inculcate environmental-friendly practices.

Green Audit of the campus:
Green Audit of the campus is carried out by supervising the maintenance of the existing   trees, Greenery grass, planting new herbs and trees. Greenery of the campus is the major   concern of the Management to maintain pristine purity and beauty of the college to   provide a healthy congenial atmosphere for the academic and non- academic pursuits.

The yearly addition of plants to the green campus the staff and students of NCC, NSS,   Forest department of A.P. are joint venture of Eco club Gardeners are involved in planting, watering, weeding and maintaining   the plants, Greenery herbs & trees.

The college management has taken few steps to restore greenery which was lost during recent Hudhud cyclone.
- Replace with the new saplings
- Ornamental plants
- Grass cover

The open air gallery services as a green back ground for college level functions, annual   day   sports day, students cultural events, department functions, awareness campaigns   such   as   photo   exhibition,   chart exhibition, etc.,.

Use of renewable energy:
The college has proposed to submit a proposal to local municipality and department of renewable energy,   Government of Andhra Pradesh for installation of solar energy panels   in the college campus.

Water Harvesting:
Almost every block in the college has water soaked pits which act as water harvesting tools

Efforts for Carbon Neutrality:
The college has made arrangements for parking of the vehicles of students and staff near the entrance there by reducing the pollution in the campus, the campus is also smoke free .The dead leaves and waste papers are scientifically decomposed off by burying them in the soil by making pits.

Plantation:
The NSS and Eco-club often organized tree plantation and maintenance programmes in and outside the campus. These planted trees are also maintained carefully by college   authorities.

Hazardous waste management & e waste management:

The college authorities have arranged for the use of unused areas for the disposal of hazardous wastes collected on the campus form various laboratories. Waste chemicals from chemistry labs are properly disposed by keeping them separately in protected sheets. Electric and electronic waste such as discarded computers, office material, are disposed of as per their conditions or handed over to the companies engaged in recycling of e-waste.

Energy conservation

All the classrooms in the college campus are well ventilated. The institution strictly observes to see that no electric equipments run unnecessarily. Thus enough measures are taken to use electricity carefully. In order to reduce electricity consumption the corridors of the college have been provided with CFL bulbs instead of traditional tube lights.

ECO-FRIENDLY CAMPUS

- Usage of plastic cups is completely stopped in the college canteen.
- Plantation is conserved and substituted at all levels.
- Rain water – percolation pits are maintained.
- Smoking free campus.
- Thought provoking slogans and pictures, banners are exhibited.
- The students of U.G courses are organizing various activities under the college Eco-club i.e., the Peacock-club.

Innovations

The institution is geared to promote an ambience of creativity innovation and improving quality.

Innovations which have positive impact on the functioning of the college.

1. **ADD – ON PROGRAMMES**

   Add-on Programme is an innovative initiative in the area of curriculum development aimed at value addition. These programmes are developed outside the purview of the prescribed curriculum of University. The training in domain skills enhances the students' knowledge base. These programmes have created a positive impact on Teaching & Learning functions of the institution. Teachers find it interesting to give a shape to their innovative ideas that are useful and relevant for students to enrich. At the same time these programmes are generating extra interest in students as they are useful to contribute for their progression into job market.

2. **TRAINING IN EMPLOYABLE SKILLS:**

   In the Indian economy the manpower demand and supply are substantial. However there is a mismatch in the quality required and available. With a view to bridge the gap and prepare the students job ready SDC designed an

innovative action plan to train students in employable skills and make them job ready.

Career Guidance and Placement Cell interact with industry to understand their general expectations from students for employment. Based on it, modules are prepared to train our students in English Communication Skills, Soft Skills, Arithmetic Skills, Reasoning Skills, etc. Professional trainers in the area are engaged and students are trained on continuous basis and the training programmes are open to all students in the campus.

This training helped students to gain self confidence. The impact is visible in the number of students employed in the Placement drives.

3. COMPETITONS TO INSPIRE STUDENTS:

It needs some innovative efforts on the part of institutions to inspire students to acquire more knowledge and to enhance self worth required for the progression. The college initiated a couple of competitions open to all students in the city on subjects of interest with incentives of cash awards for the winners. The competitions are:

Knowledge in Current Corporate Affairs

Knowledge in Elements of Commerce.

These competitions evoked response from students at a level higher than expected. The feedback from students revealed that these competitions are guiding them towards a new dimension of learning the subject.

4. TEACHERS EVALUATION AND RECOGNITIONS:

Teachers need innovative motivation and support to perform better. The multi dimensional system is in place to evaluate teacher's performance. Teachers are evaluated by students, Peers, immediate supervisor, Management and self. Teachers are evaluated on the basis of their compliance of expectations. The expectations set for performance are noted in

(i) Statements of Job description,
(ii) List of activities
(iii) Best Performing Teachers

Individually and as team, are rewarded cash and other incentives. The impact of this is emergence of a sense of seriousness among teachers to improve their performance.

Best Practices

1. Performance Appraisal
  ➢ Periodical online feedback is conducted to assess the present state of teaching scenario which enables modifications for better instructions. This helps the institution to identify strengths and weaknesses of each faculty member in terms of student.
  ➢ In-house development of online feedback system and online Examination software helps in paper and time conservation.

2. Counseling and Grievance Redressal

➢ Departments engage in counseling the students to overcome the problems of identity, inhibitions and academic gaps.
➢ Anti- ragging committee address student problems in absolute privacy.
➢ The Women Empowerment Cell (WEC) conducts regular meetings to sensitize girl students on societal and life issues.

3. Guest Lectures and Field Trips

➢ Eminent personalities in various fields visit the college to expose the students to the latest trends in the job market
➢ Departments of Management Studies and Human Resources, conduct field trips to various organizations and industries to give the students live experience.

4. Insurance initiative

➢ Institution provides health insurance for the teaching faculty and their families under Arogyadan scheme Andhra Bank by up to rupees one lakh.
➢ Non –Teaching staff's health Insurance is covered under ESI (Employees State Insurance)scheme
➢ United India Insurance Company insures the lives of students up to rupees one lakh in cases of death.

5. Coaching for Employable Skills

➢ The institution provides coaching to the students to face tough competition in the job market through Skill Development Center, Add-on programmes and Departmental Club activities.
➢ Regular Bridge and Remedial classes are conducted to identify problems of slow learners and give appropriate solutions.
➢ Peer teaching hones teaching skills of the students who opt teaching as career.

5. Alumni contribution

➢ Institution seeks the intellectual support of the alumni to enrich the knowledge base of the students.
➢ The alumni also play a role in placement activities on the campus.

6. Mentoring Projects

Students are encouraged to take up projects and assignments on contemporary topics in the market – the aim of mentoring projects are
➢ To orient students towards research and analysis
➢ To inculcate team dynamics as part of education.
➢ To develop study skills and presentation skills
➢ To enhance use of reference books in the library
➢ To improve student research skills to do better in PG and research tasks.
➢ The best topic of research / assignment is given an appreciation certificate as recognition for their efforts. Their work is also highlighted in the form of photos and displayed on the department notice boards.

7. **Industry – Institution Interaction**
   - ➢ The institute conducts periodical interaction sessions with eminent personalities from the industry to create awareness among students on the nature of jobs available and required employable skills.
   - ➢ The institution entered into MOU's with various organizations such as Pena4, NASSCOM, Tally Inc and others to ensure student employability.

8. **Placement Cell**
   - ➢ Career guidance and placement cell plays a pivotal role in providing placement   assistance aided by SDC and respective faculty.
   - ➢ Over the last four years a good number of students have been placed in various reputed Multinational Companies all over India.

9. **Environmental Awareness**
   - ➢ The institution conducts awareness programs to make students environment conscious.
   - ➢ The activities of Peacock Club are primarily focused on environmental sensitization in areas of green conservation, energy conservation, pollution free campus and bird conservation.

10. **Social Awareness**
   - ➢ The institution constantly strives to bring about social awareness with regard to social concerns to inculcate the spirit of compassion and humanity with the help of NCC and NSS units.

11. **Use of Technology**
   - ▪ The Institution promotes technology to the maximum. The computer science department developed software for Online-Feedback System, Online Examination System (MCQ) and Student Enrolment System.
   - ▪ Few more Utility software development are in pipeline .
   - ▪ All office works are carried out electronically and emails are used for all office communication
   - ▪ Curriculum enrichment programs and few regular classes are delivered by power point presentation using LCD Projectors in seminar hall.

12. **Other Best Practices**
   - ➢ The institution is planning to provide lunch for the non teaching staff free of cost.
   - ➢ The Department of English (PG) organizes farewell lunch to the outgoing students which is much appreciated and also promotes fraternal spirit.
   - ➢ Department   Management studies   encourages students to visit orphanages and Home for the aged, which enables to empathize with the needy and also promotes their involvement for social causes.
   - ➢ The Department also encouraged students to voluntarily form a Student Association called   "Bullayya Helping Hands" which played a key role in helping the Victims of HudHud Cyclone in 2014.
   - ➢ Computer science Departments organize potluck lunch and Get-

togethers

> Students of Computer science dept visit spastic children homes and old age homes on their Birthdays and feed the poor.
> Computer science Dept initiated for one-day salary contribution by all the staff in the college to help the family of a Lab attendant who died of Brain tumor.
> Computer Science department raises money and contributes generously to the needy people among class-IV staff.

Best Practices (as per the given format)

1.   ADD-ON PROGRAMMES (MCA,MBA, Commerce (UG))
2.   SKILL DEVELOPMENT CENTER

Department of MCA : ADD-ON Courses

❖ Java
❖ Dot Net
❖ Oracle
❖ Web Technology.

(1) **Title of the Practice**: - Add-on Programmes.

(2) **Goal**: - Aim of the Add-on programmes is to enrich the students with additional skills in their core subjects and add value to the course. The University Curriculum and regular class room teaching does not give worth to a student, therefore few add-on courses are designed b MCA department . Department offers intensive training to the students in the form of ADD-ON programmes to bridge the gap between academia and industry requirements

In Computer Science theoretical and limited knowledge is not sufficient to survive in job market and hence a need for application – based practical approach is felt and subsequently add-on programs are designed and implemented. In ever rapidly changing technological world it becomes necessary to upgrade to latest developments / trends and transmission of knowledge to students in required. The objective of the Add-on programmes is to enhance student's knowledge – base and create a quest for it: these programs aim at honing student's technicality and tap the potential in them and eventually groom them into individuals for better career and growth professionally.

(3) **The Context**: - There are no challenging issues regarding the design and implementation of this practice.

(4) **The Practice**: - The design of each Add-on course is done by a team of 2 – 4 faculty members who are subject experts. Firstly course curriculum is designed and secondly the curriculum is broken into various modules of relevant topics. Third the content in each module is finalized. A time frame

is set for execution of the course by assigning each module to one faculty member (i.e., 10 – 15 sessions). Accordingly the faculty members prepare module content by power point presentation slides in consultation with the peers in team.

Implementation: - The delivery method is innovatively designed. The classes are conducted in seminar hall using LCD Projector. Power Point slides are displayed on the screen and each slide is explained in detail. The respective software's i.e., Oracle, Java, Dot Net are loaded in the system and live queries and programs are executed in the class. Students are also given an opportunity to run the exercises and observe result / output. In such an interactive classroom session discussion are held, doubts clarified, questions answered. Thus students get live exposure of the subject and interest generated among them. Besides this separate lab sessions are also conducted. At the end of the session course content / notes is emailed to students for future reference. Thus nurturing creative and critical thinking among the students and paves way for blended learning.

Evaluation: - At the end of the session online test (MCQ) is conducted followed by practical exam and viva-voce. students are evaluated basing on the cumulative performance of the above three tests and grades awarded. During the ongoing of the course advanced learners are identified and assigned some complex problems and project works. Students are evaluated by conducting a written examination or online test (MCQ) based on type of Add-On course given. Based on students performance in test conducted grade awarded.

(5) **Evidence of Success**: - Students performance at University level exams and feedback from external examiners who conduct viva are key performance indicators for the programmes. Students feedback is also positive and conveyed satisfactory and happiness over the conduct of the program and showed interest and actively participated in class room interactions. Almost 100% attendance to the sessions and executing the exercises in lab with keen interest and interacting with faculty in lab and seeking doubts and innovatively executing the sessions is nothing but evidence to success.

Students are performing pretty well in interviews with the help of knowledge acquired from the course. Programmes like accounting standards, Quantitative finance etc is really helpful to finance students to make them exposed to in depth knowledge of finance subjects.

(6) **Problems Encountered & Resources Required**: - The conduct of add-on program is done in a smooth way as such there are no problems encountered. Human Resource and Infrastructure is the only requirement. Staff member's perseverance, willingness and ready to accept job made things easy in implementing the course. In terms of infrastructure related requirement the Institution has well equipped library, Seminar halls with AC, computers with internet facility, printers, LCD projectors, power back-up. Therefore absolutely a problem encountered is nil and in fact it is a smooth sailing for the departments.

Department of Management Studies: - ADD-ON Courses

- ❖ ABC of Economics
- ❖ Time Management
- ❖ Quantitative Finance
- ❖ Negotiation
- ❖ Accounting Standards
- ❖ Legality and Business Organization.
- ❖ Stress Management

(1) **Title of the Practice**: - Add-on Programmes.

(2) **Goal**: - Aim of the Add-on programmes is to give something more than the regular curriculum and to enrich students with extra knowledge in their core subjects and add value to their course.

(3) **The Context**: - There are no challenging issues regarding the design and implementation of this practice.

(4) **The Practice**: - Each faculty member prepared a separate Add-on course. First objectives of the course are designed and curriculum is prepared accordingly. Second, curriculum is broken in to chapters and required number of classes is decided. Finally, course is delivered by respective faculty member using technological aids like power point, slides, etc.

Implementation: - The delivery method is innovatively designed. The classes are conducted in seminar hall using LCD Projector. Power Point slides are displayed on the screen and each slide is explained in detail.

Evaluation: - Students are evaluated by conducting a written examination or online test (MCQ) based on type of Add-On course given. Based on students performance in test conducted grade awarded.

(5) **Evidence of Success**: --students are performing pretty well in interviews with the help of knowledge acquired from the course. Programmes like accounting standards, Quantitative finance etc is really helpful to finance students to make them exposed to in depth knowledge of finance subjects.

(6) **Problems Encountered & Resources required**: - The conduct of add-on program is done in a smooth way as such there are no problems encountered. Staff members are willing to take up such add-on programmes and infrastructure available is enough to run programme smoothly.

(7) **Notes:** We are insisting students to maintain separate notes for each add-on programme as they are useful for further reference especially at the time of interviews.

Department of Commerce: - ADD-ON Courses

❖ Six – Sigma – an over-view

❖ Emotional Intelligence.

❖ Dealing with Difficult People.

❖ Ethics in Corporate Houses.

❖ A Primer on Financial Derivatives

(1) **Title of the Practice**: - Add-on Programmes.

(2) **Goal**: - Aim of the Add-on programmes is to enrich the students with additional skills in their core subjects and add value to the course. The University Curriculum and regular class room teaching does not give worth to a student, therefore few add-on courses are designed by Commerce (UG).

(3) **The Context**: - There are no challenging issues regarding the design and implementation of this practice.

(4) **The Practice**: - The design of each Add-on course is done by a Senior Faculty member, who is also the Dean of the Department and subject expert. The module is designed as such all the students are able to read and understand the concept.

   Implementation: - The delivery method is innovatively designed. The classes are conducted in seminar hall using LCD Projector. Notes are given on the topic. Interaction sessions will be in the due course. Study material is supplied to all the students.

   Evaluation: - At the end of the session a Viva-voce is conducted and evaluated.

(5) **Evidence of Success**: - Students performance at University level exams and their performance at the Placement drives are key performance indicators for the programmes. Students feedback is also positive and conveyed satisfactory and happiness over the conduct of the program and showed interest and actively participated in class room interactions. 100% attendance is there in the Add-on programme sessions.

(6) **Problems Encountered & Resources Required**: - The conduct of add-on program is done in a smooth way as such there are no problems encountered. Adequate facilities are there to run these Add-on programmes. Therefore absolutely no problem is encountered and in fact it is a smooth sailing for the departments.

Skill Development Center : ADD-ON Courses

1. **TITLE OF THE PRACTICE:**
   CAMPUS RECRUITMENT TRAINING.

2. **GOAL:**
   The goal of the Institution is to see that every eligible student who undergoes such Campus Recruitment Training is placed comfortably in a Company / Organization of his choice. The Skill Development Centre of Dr. Lankapalli Bullayya College which offers this training has recognized the fact all students, irrespective of their family background or financial status or medium of instruction at the Intermediate level, can be moulded to match corporate standards provided they take the training seriously.

   The underlying principle on which the centre operates:
   An interview generally lasts for an average of about 15 minutes and every job aspirant who reaches the interviewers table stands an equally good chance to get a job, irrespective of grades obtained, his family background or financial status. The Centre believes that English Language speaking ability is dormant in every student who has successfully reached the third stage in his education and so, it focuses on improving the confidence of the students through a lot of motivation and through proper grooming and channelizing of his energies in the right direction. Besides this, his ability to understand simple Mathematics is taken care of and his Reasoning and Lateral thinking abilities are also sharpened.

3. **THE CONTEXT:**
   - Getting the students to participate in language enhancement activities and to speak in English in an over-crowded classroom was/ is very difficult
   - Meeting the demands and expectations of a mixed group of students- English and Telugu Medium- was/ is very challenging
   - Getting the students to attend the classes after completion of their regular classes (of university prescribed syllabus) was/ is another challenge faced by the centre.
   - The college has 56 groups of students at the UG and PG levels to be catered to and it was very difficult and challenging to distribute the university working days equally and meaningfully amongst the groups, so that they benefit equally from the program.

   These problems were taken to the notice of the College Management which has been magnanimous enough to take 3 full time trainers on the college rolls and also to give the centre sufficient scope to identify resource persons on a part-time basis to train the students. Larger classrooms have been provided to the centre and more trainers have been recruited to ensure its smooth functioning. Besides this, the Management identified and sponsored 10 Soft Skills to attend NASSCOM'S "Train the

Trainer's Program" facilitated by the Trainers from Infosys, that took place in the Campus in the first week of June, 2015.

Thus, all demands of the centre are identified and met by the college management on an 'as and when basis' and nothing is left to chance to ensure that all students are successfully placed.

4. THE PRACTICE:

The centre has identified certain training inputs like Reasoning and Quantitative Arithmetic, Aptitude, Lateral thinking, Self Introduction, Kinesics, Tips on Group Discussions, JAM sessions, Presentation Skills, Personality Development, Time Management, Resume Writing, Telephone Etiquette, Email Writing, Interview tips and skills, etc which will definitely help the students be successfully placed in companies of their choice. Flexibility in choice of timings was the only constraint faced by the centre and the same was taken care of by the college management by ensuring that the Skill Development classes were incorporated into the regular time table.

5. EVIDENCE OF SUCCESS:

100% of the B.Sc, B.Com and MCA students trained by the Centre, who met the eligibility requirements of the companies, have been successfully placed in different companies.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

Problems encountered have been already discussed. For a repetition, let me list them out once again for your quick reference:

- Getting the students to participate in Activities and to speak in English in an over-crowded classroom was very difficult
- Meeting the demands and expectations of a mixed group of students- English and Telugu Medium- was very challenging
- Getting the students to attend the classes after completion of their regular classes (of university prescribed syllabus) was/ is another challenge faced by the centre.
- The college has 56 groups of students at the UG and PG levels to be catered to and it was very difficult and challenging to distribute the university working days equally and meaningfully amongst the groups, so that they benefit from the program.

One problem not discussed previously and which is a major impediment from a trainer's perspective is that of the Program not being included in the University Syllabus, and hence finding a lot of initial resistance from the Teaching and Student fraternity.

If the government could fund the centre, it might help in building more resources like a separate centre (structural) for Training purposes only, more audio-visual equipment, and smart class rooms for better facilitation purposes. Trainers (full- time) can be recruited in larger numbers, so that they can research and improvise on their existing methodologies.

7. **NOTES:**

Besides the subjects being offered by the Skill Development Centre, the College management has identified and implemented add-on programs on different management topics like **Dealing with Difficult People, Emotional Intelligence** on the one hand and also add-on courses on technical topics in **computing languages** etc. It would be in the best interests of the future generations if all these courses could be offered under a common umbrella and accounted for by the university, through financial grants received from the government so that the management of the college is not burdened to pay out of its pockets, especially so in cases of not-for-profit organizations like ours.

DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this Re-Accreditation Report (RAR) are true to the best of my knowledge.

This RAR 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 RAR during the peer team visit.

Signature of the Head of the Institution with Seal:

PRINCIPAL
Dr. L.BULLAYYA COLLEGE
VISAKHAPATNAM-13

Place: Visakhapatnam

Date: 08-07-2015

Commerce Department
Profile

The society for collegiate education was formed by a group of enlightened academicians administrators and businessmen with the objective of promoting higher education, in Visakhapatnam. It started Dr.Lankapalli Bullayya College in the year 1973 with B.Com programme

The founder principal Sri K.Phanibhushan Rao who belonged to Commerce Department, provided leadership and guidance to the faculty members many of whom were his students. Subsequent Principals viz., Sri K.Purushottam and Dr. I.Parthasarathi who also belong to the commerce department contributed to the growth of the college in all dimensions. This department has the unique distinction of having been admitted for grant-in aid by the Government of Andhra Pradesh.

Ever since the establishment, the commerce department crossed many milestones and has been growing from strength to strength. The B.Com program of Dr. L.B. College has always been much in demand and even today it is a hot choice among the students opting for careers in commerce. This is largely due to untiring and dedicated efforts of all the faculty members of this department. Computer and English language laboratories are established to improve communication and computer skills of students and to meet the curricular requirements prescribed by Andhra University.

It is a matter of pride and pleasure to state that the department so far produced nearly 30,000 undergraduates in commerce who settled well in life in different fields. To name a few Sri D.Srinivas is a sitting Member of Legislative Assembly, Sri A.V.Chalam and A.Srinivas are well established Chartered Accountants in the city, and Sri K.Ram babu is a BJP leader and a reputed contractor.

The commerce department works with a vision of serving the young generation to help them fit in society as value added citizens. It inculcates values and shapes their personalities for the cause of National Development.

(1) Functioning of the department, (2) Unique features, (3) Success in various competitions conducted by other institutions and (4) Unique competition in the name of Sri.V.B.V.Reddy,

1) **Functioning of the department**: On the first day of every academic year first year students are assembled in the Seminar Hall, and they are provided with copies of Academic Calendar, List of subjects taught in all the three years and syllabus prescribed by Andhra University. They are also briefed about the history of the college; the culture of the department and the expectation, the department has from them. There will also be a session of self introduction. This department functions from 9.00am to 4.30pm with a lunch break of one hour. It has six lecturers to teach the core subjects and five lecturers come from other departments to teach English, Hindi, Sanskrit, Environmental Science and Business Law.

2) **Unique features of the Department**:

a) **Classes on Corporate Affairs**: The department subscribes to 'The Business Line', a corporate news paper in the name of every student. Separate classes are conducted on corporate affairs from this corporate news paper. They are also made familiar with the statements such as the published financial statements, advertisement for issue of shares ,the expressions of Intent etc. Notes is given on issues connected with Behavioural psychology. Issues covered in this category include Bystander Effect, Gamblers Fallacy, Futile Business, Information Asymmetry, Bike Shed Effect etc.,

b) **Add-on Courses**: Four Add-on courses offered to the students are:

        1) Six – Sigma – an over-view
        2) Emotional Intelligence.
        3) Dealing with Difficult People.
        4) Ethics in Corporate Houses.
        5) A Primer on Financial Derivatives

3) **Success in various competitions conducted by other institutions**: Every year large number of prizes are won in different competitions conducted by various institution. 33 prizes are won in various competitions conducted by other institutions in Visakhapatnam, Kakinada and Rajahmundry in the year 2010 – 11 & 2011 – 12. In the elocution competition "Students Talent Programme" conducted by the **Institute of Chartered Accountants of India (ICAI),** a student from this department secured the 1st prize and cash award of Rs.10,000/- from the ICAI. Another student from this department secured a consolation prize in the same competition. A student was selected by the US Consulate under the Student Exchange Programme in the year 2010 - 2011.

4) **Three Unique competitions**: This department conducts two competitions, in the name of Sri.V.B.V.Reddy, the President of this College, which are very unique in their nature and content. They are:

1) Knowledge in Current Corporate Affairs   2) Knowledge in Elements of Commerce (3) Competence in Accountancy.

These competitions are conducted for the students of Visakhapatnam district. There is no entry fee. Each question paper contains 100 questions with multiple choices. OMR sheets are provided for marking answers, and evaluation is done by OMR Scanner. There are three prizes viz., the first prize carries a cash prize of Rs.3,000/-; second prize of Rs.2,000/- and third prize of Rs.1,000/- . Apart from these, best participant students from each participant college are given a cash prize of Rs.500/-.

Evaluative Report of the Department

1. Name of the department : **Commerce**

2. Year of Establishment:1973

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
Bachelor of Commerce.

4. Names of Interdisciplinary courses and the departments/units involved: Nil.

5. Annual/ semester/choice based credit system (programme wise):Annual System.

6. Participation of the department in the courses offered by other departments:
Yes. Department of Business Management.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil.

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

	Sanctioned	Filled
Professors	1 (Aided)	1 (Aided)
Associate Professors	Nil	Nil
Asst. Professors	16 (Aided) 21 (Unaided)	3 (Aided) 21 (Unaided)

10. 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 4 years
Sri.M.A.B.Kishore Reddy	M.Com, M.Phil	Principal & Lecturer in Commerce	Transportation	34	Nil
Sri.A.Ali Babu	M.A	Lecturer in Telugu			Nil
Dr.Y.Poli Reddy	M.A., M.P.Ed, M.Phil, Ph.D.,	Lecturer in Physical Education			Nil
Dr.K.Satyanarayana	M.com; Ph.D.,	Dean, IQAC		38	Nil
Sri.Riaz Mohammed	M.Com	Dean, Commerce		38	Nil
Sri.H.Ranganaikulu	M.Com, M.Phil	Lecturer in Commerce	Cost Accounting & Income Tax	35	Nil
Sri.Ch.Trimurthulu	M.Com	Lecturer in Commerce	Banking and International Trade		Nil
Sri.Sk.Gowsi Babu	M.A.(Pol), M.A. (PAD), LLB	Lecturer in Commerce	Labour Laws	5	Nil
Sri.K.P.V.R.Murthy	M.Com, LLB	Lecturer in Commerce	Accounting and Taxation	5	Nil
Sri.L.Sanjeeva Rao	M.Com, M.Phil. B.Ed., CA (Inter)	Lecturer in Commerce	Taxation	5	Nil
Sri.R.Srinivasa Rao	M.Com, MBA	Lecturer in Commerce	Taxation and Finance	7	Nil
Sri.B.Srinivas Reddy	M.Com., CA (Inter),	Lecturer in Commerce	Accounting and Finance	13	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D students guided for the last 4 years
	PGDHRM				
Dr. .N.Jagannath Sastry	M.Com, Ph.D	Lecturer in Commerce		4	Nil
Smt.V.Sunita	M.A	Lecturer in English		5	Nil
Smt.Monzy George	M.A	Lecturer in English		5	Nil
Smt.P.Lakshmi	M.Sc (CS)	Lecturer in Computer Science		8	Nil
Smt.B.Madhavi	M.Sc,	Lecturer in Environmental Studies		8	Nil
Smt.B.Varija	M.Com (ICWA (Inter)	Lecturer in Commerce		2	Nil
Smt.S.Nagapadma	M.Com, MBA, MHRM (Ph.D)	Lecturer in Commerce		2	Nil
Smt.Ch.Rama Kalyani	M.Com, Dip. In I.T, (ICWAI)	Lecturer in Commerce		2	Nil
Smt.Thaherunnisa Begum	M.A	Lecturer in Hindi		4	Nil
Smt.N.Aruna Anjaneyulu	M.A	Lecturer in Sanskrit		13	Nil

11. List of senior visiting faculty: Nil.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil.

13. Student -Teacher Ratio (programme wise) : 33:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled 17.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:
PG: 12; PhD – 3; M.Phil – 3

16. Number of faculty with ongoing   projects from
a) National   b) International funding   agencies   and grants received: Nil.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:
Major Research Project entitled "Entrepreneurship in Tribal Areas of India – a Study of Selected States" was sanctioned by the University Grants Commission (UGC) in 2008 and the same was completed in 2011 with the funding of UGC. The project was done by Dr.I.Parthasarathi, Principal, Retired in January,2013.

18. Research Centre /facility   recognized by the University: Nil.

19. Publications:
  * a) Publication per faculty
  * Number of papers published in peer reviewed journals (national / international) by faculty and students
  * 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.)
  * Monographs
  * Chapter in Books
  * Books Edited
  * Books with ISBN/ISSN numbers with details of publishers
  * Citation Index
  * SNIP
  * SJR
  * Impact factor
  * h-index

20. Areas of consultancy and income generated: Nil.

21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards…. Nil.

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme: NA

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies :NA

23. Awards/ Recognitions received by faculty and students:
Faculty:
I) Sri.Sk.Gowsi Babu received cash award for his outstanding performance in academic results for two consecutive years 2009-10 and 2010-11.

II) Sri.H.Ranganaikulu also received cash award for his outstanding performance in academic results for two consecutive years 2009-10 and 2011-12.

Students:

i) Ms.Shikha Gautam and Vasimunnisha secured 2nd and 4th ranks respectively in Andhra University degree examinations held in March, 2012.

ii) Mr.Chakrapani participated in Inter University NSS programme held at Arunachal Pradesh, and stood 1st in debating competition.

iii) Ms.Sai Surekha participated in Classical Dance event held in Malaysia.

iv) Ms.Reshmi Ravindran Nair secured 1st rank in Andhra University degree examinations held in March, 2013.

24. List of eminent academicians and scientists/ visitors to the department

- Sri.K.Muralidhar, Tax Consultant gave a lecture on 10th Sept,2011 on "Salary Income' and Deduction u/s 80G in Income Tax.
- Sri.B.Seshagiri, Tax Consultant gave a lecture on 15th Oct,2011, on "Value Added Tax" (VAT),
- Sri.G.Appa Rao, Senior Branch Manager, SBI, gave a lecture on 3rd Nov,2011, on "Innovative Banking".
- Dr.M.Ramalingeswara Rao, Reader in Telugu, Dr.V.S.Krishna Government College, conducted on 19th Nov,2011 on "Sangeeta Navaavadhanam".
- Sri.Rehman, Lecturer, Gayatri Vidya Parishad, delivered a lecture on "AIDS – Awareness" on 12th Dec,2011.

25. Seminars/ Conferences/Workshops organized & the source of funding
   a)National :   Nil
   b)International: Nil

26. Student profile programme/course wise**:**

B.com	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2010 -11	317	208	140	68	64
2011 –12	260	242	172	70	69
2012 – 13	255	240	136	104	53
2013 - 14	265	247	134	113	54
2014 - 15	285	263	157	106	74

*M=Male F=Female

27. Diversity of Students

B.Com Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2010 – 11	92	8	Nil
2011 – 12	88	12	Nil
2012 - 13	95	5	Nil
2013 - 14	90	10	Nil
2014 - 15	92	8	NIl

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ?   Nil.

29. Student progression

Student progression	Against % enrolled
UG to PG	70
PG to M.Phil.	10
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	23 45
Entrepreneurship/Self-employment	8

30. Details of Infrastructural facilities
   a) Library **:** No. Of Titles : 1095 .

   b) Internet facilities for Staff & Students **:** Internet facility is accessible to all staff and students. Lecturers do access from the system provided in the staff room while the students do so in the computer laboratory.

   c) Class rooms with ICT facility**: 1 (one)**

   d) Laboratories **:** English Lab; Keeping in view the importance of Communication Skills in English Language for career purposes, students of our department are provided with a well equipped English Language laboratory with 30 systems.
   The lab familiarizes students with the sounds of English and introduces them to the concepts of word stress, sentence stress and intonation, and thereby enables them to improve their communication and telephonic skills.
   Computer labs are fully equipped to ensure 1:1 ratio between students and computers.

31. Number of students receiving financial assistance from college, university, government or other agencies:

    i)   Every year eligible students get assistance from Students Aid Fee Fund upto a maximum of Rs.1500/- each.

    ii)   Meritorious Sports students are extended the benefit of fee concession by the college management.

    iii) Students belonging to Reservation category such as the Scheduled Tribe, Schedule Caste and Other Backward Classes are awarded Education Scholarships by the State Government, as per the rules / norms currently in force.

    iv) 13 students received SC, ST & BC scholarships from HPCL, Visakhapatnam.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

♦ Sri.K.Muralidhar, Tax Consultant gave a lecture on 10th Sept, 2011 on "Salary Income' and Deduction u/s 80G in Income Tax.

♦ Sri.B.Seshagiri, Tax Consultant gave a lecture on 15th Oct,2011, on "Value Added Tax" (VAT),

♦ Sri.G.Appa Rao, Senior Branch Manager, SBI, gave a lecture on 3rd Nov,2011, on "Innovative Banking".

♦ Dr.M.Ramalingeswra Rao, Reader in Telugu, Dr.V.S.Krishna Government College, conducted on 19th Nov,2011 on "Sangeeta Navaavadhanam".

♦ Sri.Rehman, Lecturer, Gayatri Vidya Parishad, delivered a lecture on "AIDS – Awareness" on 12th Dec, 2011.

33. Teaching methods adopted to improve student learning :
Traditional Teaching methods are generally followed supplemented occasionally by power point presentation depending upon the requirement.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Students are motivated to participate actively in Awareness on Blood Donation, Environmental protection and need for service in charitable societies

35. SWOT analysis of the department and Future plans
• Successive Principals who belong to Commerce Department provided Vision and Leadership which benefited not only the Commerce Department but also the growth and development of the entire college. Commerce Department is the only department in the entire college with the credit of having completed three major projects funded by the UGC.

- High amount of team spirit exhibited by the faculty of commerce department resulted in delivering the quality education in commerce and building a special image for B.Com course in the town.

- The demand for Commerce courses has been growing up year after year widening the scope for commencement of new sections even under self financing basis.

- Majority of the students in some sections are found to be weak in English and so, lack necessary skills, diminishing their chances for selection in campus placement drives, despite best efforts put in by staff.

- No threats are perceived for commerce course or commerce faculty in near future, as things stand today.

Future Plans:
- Offer the same course with new and additional inputs to meet contemporary requirement of Trade, Commerce and Industry, once the college becomes autonomous.

- Steady betterment of pass percentage from past five years average of 65% to 75%.

- Arranging atleast six guest lectures every academic year.

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Business Management Department
Profile

The Department of **Bachelor of Business Management (BBM)** was established in the year 1992. Since its inception it has been trying to maintain fine standards in terms of quality and results. The Self Evaluative Report of the department is divided into six parts.

(1) Functioning of the department,(2) University Results, and (3) Campus Selection.

1) **Functioning of the department**: On the first day of every academic year first year students are assembled in the Seminar Hall, and they are provided with copies of Academic Calendar, List of subjects taught in all the three years and syllabus prescribed by Andhra University. They are also briefed about the history of the college; the culture of the department and the expectation, the department has from them. There will also be a session of self introduction. This department functions from 9.00am to 4.30pm with a lunch break of one hour. It has six lecturers to teach the core subjects and five lecturers come from other departments to teach English, Hindi, Sanskrit, Environmental Science and Business Law.

2) **Results in University Examinations**:

Academic year	Pass Percentage
2007 – 2008	100
2008 – 2009	98
2009 – 2010	92
2010 – 2011	93
2011 – 2012	93

3) **Campus Selections**: Out of a total of 45 students sent for the campus selections, 25 were selected.

***

Evaluative Report of the Department

1. Name of the department :   **Business Management (UG)**.

2. Year of Establishment : 1992.

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Under Graduate.

4. Names of Interdisciplinary courses and the departments/units involved:
Environmental Studies and Business Law.

5. Annual/ semester/choice based credit system (programme wise):
Annual Credit Based System.

6. Participation of the department in the courses offered by other departments: Nil.

7. Courses in collaboration with other universities, industries, foreign institutions, etc. :Nil.

8. Details of courses/programmes discontinued (if any) with reasons : Nil.

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	5	5

10. 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 4 years
Sri.N.K.Mahesh	MBA	Asst.Prof	Finance	3 yrs	Nil
Sri.K.Sriram	MBA	Asst.Prof	Marketing	3 yrs	Nil
Smt.M.Surya Prabha	MCA	Asst.Prof	Computers	3 yrs	Nil
Smt.K.Uma Nageswari	M.Com, MBA, B.Ed	Asst.Prof	Finance	3 yrs	Nil
Sri.Ch.Suresh	MBA, M.Tech	Asst.Prof	Marketing	6 yrs	Nil

11. List of senior visiting faculty: Nil.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty :Nil.

13. Student -Teacher Ratio (programme wise) : 22:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	3	3
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
All the five teachers are holders of Post Graduate Degrees and two of them with two other Masters Degrees.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil.

18. Research Centre /facility recognized by the University: Nil.

19. Publications: Nil
Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students

      ∗   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.)
- ∗ Monographs
- ∗ Chapter in Books
- ∗ Books Edited
- ∗ Books with ISBN/ISSN numbers with details of publishers
- ∗ Citation Index
- ∗ SNIP
- ∗ SJR
- ∗ Impact factor
- ∗ h-index

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil.
    c) Editorial Boards…. - Nil.

22. Student projects
a)   Percentage of students who have done in-house projects including inter departmental/programme – Nil.

b)   Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil.

23. Awards/ Recognitions received by faculty and students: Nil.

24. List of eminent academicians and scientists/ visitors to the department Nil.

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil.
    b)International - Nil.

26. Student profile programme/course wise:

BBM	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	80	55	31	25	100
2008 - 09	135	90	65	25	98
2009 – 10	183	72	50	22	92
2010 – 11	131	50	26	24	93
2011 – 12	108	53	35	18	93
2012 – 13	121	61	36	25	98

*M=Male F=Female

27. Diversity of Students

BBM Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	45	55	Nil
2008 – 09	54	46	Nil
2009 – 10	78	21	0.78
2010 – 11	82	18	Nil
2011 – 12	75	25	Nil
2012 – 13	85	15	Nil

28. How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defence services, etc. : Nil.

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	35
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil

Employed
   • Campus selection
   • Other than campus recruitment
	
	38
	12

Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library : There are 7440 books relating to the subjects taught to BBM students in the Central Library.
   b) Internet facilities for Staff & Students : Internet facility is available to staff
   c) Class rooms with ICT facility : No.
   d) Laboratories: well equipped two computer laboratories are available to students

31. Number of students receiving financial assistance from college, university, government or other agencies
10 percent of the students are getting scholarship from government; five percent are getting financial assistance in the form of 50 percent fee concession from the College Management.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
At least one guest lecture is organized in a year

33. Teaching methods adopted to improve student learning
Text books, Questions papers of past years, Business Line newspaper, apart from the use of power point presentation and internet.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Ten percent of students are enrolled their names in NCC and NSS activities, they participate in Social Responsibility activities.

35. SWOT analysis of the department and Future plans
The department makes efforts to achieve a balanced development by conducting the classes properly, achieving a consistency in University results, creating a competitive spirit among students to participate in various competitions, to secure a respectable number in campus selections, to provide the advantage of Add-on courses, to inculcate the habit of reading Corporate news paper and to encourage students to participate in games and sports.
The weakness of this department lies in the weak communication skills the students have, as some of them are from West Bengal and Jharkhand. Some of Corporate entities specifically need BBM graduates for their units, and this is surely an opportunity for this department. Severe competition from other colleges and scanty demand from local students is a threat to this department.

Future Plans: To impart knowledge from Harvard Business Review, Business Line and to introduce Add-on course on Business Etiquette and Social Intelligence etc.,

<p align="center">***</p>

Department Of Political Science
Profile

The department of **Political Science** was established in the year 1988 since it is one of the subjects of B.A course with History, Economics and Political Science combination. The department was started with Sri.T.Raja Rao as its Head and later in 1991 Sri.Y.Deenamanasu succeeded him. The department seeks to develop and maintain high standards of teaching and produce scholars and administrators. Sudhakar, Jyoti, Surekha and Pavan Kumar stand out prominently among them. Main concern of the department is to impart education to all classes of people. Results for the past five years are as follows:

Year	I Year	II Year	III Year
2008 – 09	81.8%	-	-
2009 – 10	35.85%	75%	-
2010 – 11	88%	66%	100%`
2011 – 12	62.6%	83.3%	47.6%
2012 – 13	54%	85.7%	77.2%

The plan of action of the department for the next five years is to achieve 80% results consistently by increasing the number of class tests, periodical tests, guest lectures, seminars, group discussions, quiz, debate etc. and encouraging students to practice writing also.

The department has been producing eminent scholars, lecturers, teachers and administrators for the development of the nation. Besides teaching the particular subjects, seminars, group discussions, debates, guest lectures are being organized to enhance the levels of performance of students and to enable them to maximize their contribution for the welfare of the society. Students are continuously enriched with the knowledge of concepts such as justice, secularism, liberty, equality, fraternity and political ideologies of democracy, communism, etc. Knowledge imparted in the classroom ultimately results in socio-economic development through good governance in the fields chosen by them. Political science gives information on how power and authority can be secured, managed, distributed and executed to bring about national development. In other words, it prepares good and responsible citizens for the country.

Evaluative Report of the Departments

1. Name of the department   : **Political Science**

2. Year of Establishment   : 1988

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters;   Integrated Ph.D., etc.) : Under Graduate

4. Names of Interdisciplinary courses and the departments/units involved:
   English, Hindi, Sanskrit, Foundation Course, & Environmental Studies.

5. Annual/ semester/choice based credit system (programme wise) : Annual Credit based system.

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	1	1

10. 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 4 years
Sri.Y.Deenamanasu	M.A., M.Ed	Lecturer	Financial Administration	23 yrs	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise): 30 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. : One teacher with PG qualification.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
   * a) Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in : Nil
   a) National committees : Nil
   b) International Committees : Nil
   c) Editorial Boards….: Nil

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme : 2%
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department
1) Dr.Veerabhadra Rao, Lecturer in Politics, Govt.Degree College for Women, Visakhapatnam. On 07.01.2011.
2) Dr.Janardhana Rao Naidu, Lecturer in Politics, Dr.V.S.Krishna Govt.Degree College on 29.07.2011.
3) Smt.Vijayalakshmi, Lecturer in Politics, VMC, Visakhatnam on 07.01.2012.
4) Smt.V.Nageswaramma, Lecturer in Politics, Dr.V.S.Kirshna Govt.College, Vsp on 01.09.2012.
5) Sri.Riaz Mohammed, Dean, Commerce & Management (U.G), Dr.L.Bullayya College, delivered a lecture on FDI on 06.10.2012.

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National : Nil
b)International : Nil

26. Student profile programme/course wise:

B.A (History, Economics, Politics)	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2008 - 09	50	30	23	7	81.80
2009 – 10	70	52	41	11	35.80
2010 – 11	50	44	33	11	88.00
2011 – 12	50	29	24	5	62.60
2012 – 13	60	53	43	10	54.00
2013 – 14	46	42	31	11	60
2014 – 15	63	57	40	17	86

*M=Male F=Female

27. Diversity of Students

B.A	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
His,Eco,Politics	96.62	3.38	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? – Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	5
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	Nil
Entrepreneurship / Self – employment	

30. Details of Infrastructural facilities

       a) Library - There are 199 books in the central library and 35 books are available in departmental library.

       b) Internet facilities for Staff & Students : No

       c) Class rooms with ICT facility : No.

       d) Laboratories – NA

31. Number of students receiving financial assistance from college, university, government or other agencies :

12 students are receiving financial assistance in the form of meritorious scholarships, fifty percent concession in tuition fees and other fees, made available to the students by the college management.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :.

1) Dr.Veerabhadra Rao , Lecturer in Politics, Govt Degree College for women, Visakhapatnam gave a lecture on the topice "The Role of Governor" on 07.01.2011.

2) Dr.Janardhana Rao Naidu, Lecturer in Politics, Dr.V.S.Krishna Govt Degree College, Vsp gave a lecture on "The President of India" on 29.07.2012.

3) Smt.Vijayalakshmi, Lecturer in Politics, VMC, Viskhapatnam gave a lecture on "Federalism" on 07.01.2012.

4) Smt.V.Nageswaramma, Lecturer in Politics, Dr.V.S.Krishna Govt.College, Vsp gave a lecture on "Prime Minister" on 01.09.2012.

5) Sri.Riaz Mohammed, Dean, Commerce & Management (U.G), Dr.L.Bullayya College, delivered a lecture on FDI on 06.10.2012.

33. Teaching methods adopted to improve student learning; Lecture Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

35. SWOT analysis of the department and Future plans**:**

Strengths: The department has qualified and competent staff.

Weakness: Majority of the students admitted in B.A course are weak in communication in English language making it difficult for the teacher to help them understand the subject besides dimming their chances of selection for jobs in campus drives.

Opportunities: Students fluent in English and inner urge to become great in life are able to get well paid jobs in academic and administrative field.

Threats: the number of students joining B.A course is fluctuating from year to year holding the threat of decline in enrolments in future.

Future Plans for the next five years is to achieve 80 percent results consistently by conducting class tests and periodical tests and organizing guest lectures, seminars, group discussions and competitions in events such as in quiz, debate, etc.,

               ***

Department of Economics
Profile

Knowledge has many branches and Economics is an important and useful branch of knowledge. In recent years, the science of economics has assumed greater significance in view of the fact that knowledge of economics is being used for controlling inflation, reducing unemployment, initiating and accelerating growth in the economies of the world. Besides, the nature of so many other problems such as food shortage, stagnation and recession, population explosion, adverse balance of payments and so on that confront the economies of today cannot be understood and solved without adequate knowledge of the science of Economics.

The Department of Economics was formed in the year 1988 to serve the needs of B.A. students. Since its inception the department seeks to develop and maintain high standards of teaching and imparting value based education to all classes of people, with a focus on preparation of undergraduate students for university examination and improving their performance in competitive examinations.

V.Satyanarayana was the pioneer of the Department whose contribution to the department is noteworthy with his committed and dedicated efforts. High rate of success of students in university exams during his time made the college to be proud. The same trend in results continued even after Smt. S.V. Ramani took over as Head in 1991. At present the department is led by two faculty members. The department started to extend its services to B.Com course also from the academic year 2009.

In the B.A. course there are four papers – i) Micro Economics (ii) Macro Economics (iii) Development issues in the Indian Economy (iv) Public finance and International Economics. In the B.Com course there is one paper - Business Economics. At present there are 95 students pursuing B.A. course and 230 students of B.Com are pursuing the subject of Economics. The course is geared towards providing conceptual knowledge of Economics and enables them to understand, analyze and apply these concepts in practical business environment.

The topics are designed in such a way to enhance student's practical decision making capacity. These courses use a variety of mathematical techniques, graphs which help the students in problem solving and also in taking rational and quick decisions. Consumer behaviour, probable changes in demand, availability of resources etc are indispensible tools to a business executive. The study of economics is helpful to achieve maximum human welfare. It provides solutions to monetary problems and it is useful for the efficient use of resources and to increase the gains from trade. It is also useful to raise the National Income, Improve the standard of living and to accelerate economic development.To improve the skills of the students, the department has been organizing Group Discussions, Quiz, Guest Lectures and Seminars. The department has been producing eminent scholars, Lecturers, Managers, Economists and Administrators for the development of the nation. The fact that Mr.Konda Pawan Kumar became an IAS officer and J.Sudhakar and P.Raj Sekhar and P.Radha became Doctorates bears testimony to the contribution of the department to the progress of both the students and the nation.

Evaluative Report of the Departments

1. Name of the department : **Economics**

2. Year of Establishment : 1988

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
    Bachelor of Arts and Bachelor of Commerce

4. Names of Interdisciplinary courses and the departments/units involved : Nil.

5. Annual/ semester/choice based credit system (programme wise): Annual System

6. Participation of the department in the courses offered by other departments :Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	02	02

10. 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 4 years
Smt. S.V.Ramani	M.A, M.Phil	Head of the Department	International Trade	24 yrs	Nil
Sri J.Lakshmana Babu	M.A	Lecturer	Banking	13 yrs	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise) : 165: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Not Applicable.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    One teacher with M.Phil and another with P.G. Degree

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: Nil
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.)
    * Monographs
    * Chapter in Books
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards…. - Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme
       Students of Final Year B.A. take up different projects assigned by the teachers and complete the same every year
       .
    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: - Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department
- Professor N.Bhaskar Reddy, Andhra University delivered a lecture on Globalization and its Impact on Indian Economy, in 2008.
- Smt.Prasanna, Lecturer in Economics, Government Women's College, delivered a lecture on Foreign Direct Investment, in 2009.
- Dr.Parameswar Rao gave a lecture on Green Revolution in 2010.
- Dr.Padma delivered a lecture on Agriculture Development.

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International – Nil

26. Student profile programme/course wise:

Course	Applications Received	Selected	Enrolled		Pass Percentage
			M	F	
B.com (2007-08)	270	180	119	61	66
B.com (2008-09)	287	180	96	84	74
B.com (2009-10)	311	200	114	86	74
B.com (2010-11)	317	208	140	68	74
B.com (2011-12)	339	242	172	70	78
B.Com (2012 – 13)	255	240	136	104	53
B.Com (2013 – 14)	265	247	134	113	54
B.Com (2014 -15)	285	263	157	106	74

*M=Male F=Female

Course	Applications Received	Selected	Enrolled		Pass Percentage
			M	F	
B.A. (2008-09)	50	30	23	07	53
B.A. (2009-10)	70	52	41	11	52
B.A. (2010-11)	50	44	33	11	54
B.A. (2011-12)	50	29	24	05	68
B.A (2012 – 13)					58
B.A (2013 – 14)	42	38	30	8	65
B.A (2014 – 15)	52	48	35	13	90

27. Diversity of Students

Course	% from same State	% from other States	% from Abroad
B.com (2007-08)	90	10	Nil
B.com (2008-09)	94	6	Nil
B.com (2009-10)	93	7	Nil
B.com (2010-11)	92	8	Nil
B.com (2011-12)	92	8	Nil
B.Com (2012 – 13)	94	6	Nil
B.Com (2013 – 14)	95	5	Nil
B.Com (2014 -15)	92	8	Nil

B.A. (2008-09)	96	4	Nil
B.A. (2009-10)	95	5	Nil
B.A. (2010-11)	93	7	Nil
B.A. (2011-12)	97	3	Nil
B.A (2012 – 13)	96	4	Nil
B.A (2013 – 14)	95	5	Nil
B.A (2014 – 15)	98	2	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
Our student Mr.Pavan Kumar was selected for I.R.S and also NET 5 subjects.

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	50
PG to M.Phil	10
PG to Ph.D.	5
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 5 15
Entrepreneurship / Self – employment	4

30. Details of Infrastructural facilities
   a) **Library** - The college library is run on open access system and fully computerized. The library is equipped with a large collection of around 500 books on the subject, 15 magazines and journals and 4 news papers
   b) **Internet facilities for Staff & Students** - Internet facility is accessible to all staff and students, lecturers will access it from the system in the staff room while students from the computer lab.
   c) Class rooms with ICT facility - No
   d) Laboratories - N.A

31. Number of students receiving financial assistance from college, university, government or other agencies:
   Every year eligible students are getting assistance from Students College Aid Fee Fund to a maximum of Rs.1,500 each.
   Meritorious sports students are given fee concession by the college Management.
    Students belonging Reservation categories such as Scheduled Tribe, Scheduled Caste and Other Backward classes are awarded Educational Scholarships /Fee reimbursement by the State Government.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   • Professor N.Bhaskar Reddy, Andhra University delivered a lecture on Globalization and its Impact on Indian Economy, in 2008.

- Smt.Prasanna, Lecturer in Economics, Government Women's College, delivered a lecture on Foreign Direct Investment, in 2009.
- Dr.Parameswar Rao gave a lecture on Green Revolution in 2010.
- Dr.Padma delivered a lecture on Agriculture Development

33. Teaching methods adopted to improve student learning:
Generally the 'Talk n Chalk' teaching method is followed, besides Cooperative learning Method and Case Study Method.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Students are actively participating in the National Social Service Programs: conducted at University Level, State Level and at National level.

35. SWOT analysis of the department and Future plans
- ❖ Availability of experienced teachers and steady demand for the courses are the strengths.
- ❖ The entire team of Economics Department are extending their services as Counselors to Indira Gandhi National Open University (IGNOU)
- ❖ Likely fall in demand for traditional courses such as B.A. with History, Politics and Economics combination, clouds the future.
- ❖ To increase the pass percentage from 75% to 85%.
- ❖ Giving coaching for competitive examinations to brighten prospects of their selection in Government sector.

Department of History
Profile

History is the most ancient of all the subjects. It is not about human life but also about evolution. It discusses the beginning of all the beginnings, including the universe of which the earth is a small part. To explain the vast subject for the benefit of the students and people in general, history is classified as ancient, medieval and modern. History is important because it gives an opportunity to learn from the mistakes of the past and misdeeds of those who killed people in wars to avoid them in future.

The department of History was established in the year 1988 when B.A course with History, Economics and Politics combination was introduced. The department has a single teacher and the student teacher ratio is 30:1. The department produced many academicians, researchers and administrators. Mr.Sudhakar , Ms.Jyothi, Ms.Surekha and Mr.K.Pavan Kumar stand out prominently among them.

In India study of history is very important because, our youth who constitute more than fifty percent of India's population, can be inspired by our great heritage and culture which history teaches. History also brings people together by teaching cultural values. In the vast and diverse country of ours, history can help the people to understand one another better. Study of history helps in national integration. It helps in fostering unity in diversity. History is the most important subject for students appearing for competitive examinations. Those who join civil service can help in the process on national integration. These are the advantages that accrue to the students and the nation from teaching History as a subject.

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Evaluative Report of the Departments

1. Name of the department: **History**

2. Year of Establishment: 1998

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Bachelor of Arts

4. Names of Interdisciplinary courses and the departments/units involved
Geography, Economics, Politics and Travel & Tourism

5. Annual/ semester/choice based credit system (programme wise)
Annual System

6. Participation of the department in the courses offered by other departments
Geography, Economics, Politics and Travel & Tourism

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

10. 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 4 years
Smt.A.Vanaja	M.A, M.Phil	Lecturer	Ancient Period	25 yrs	Nil

11. List of senior visiting faculty:Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise)
30: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	Nil	Nil
Technical	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
One teacher with M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: Nil
  * a) Publication per faculty
  * Number of papers published in peer reviewed journals (national / international) by faculty and students
  * 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.)
  * Monographs
  * Chapter in Books
  * Books Edited
  * Books with ISBN/ISSN numbers with details of publishers
  * Citation Index
  * SNIP
  * SJR
  * Impact factor
  * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
a) National committees - Nil
b) International Committees - Nil
c) Editorial Boards…. - Nil

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department
- Prof.K.Suryanarayaana, Andhra University,
- Prof.Siva Naidu, A.U,
- Prof.Fathima Kutty, AU,
- Dr.Satyanarayana, B.V.K.College.

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International – Nil

26. Student profile programme/course wise:

B.A (History, Economics, Politics)	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	40	36	20	16	57
2008 - 09	50	42	30	12	55
2009 – 10	55	45	35	10	60
2010 – 11	65	55	38	17	54
2011 – 12	36	30	24	6	50
2012 - 13	60	53	47	6	73
2013 - 14	46	42	31	11	55
2014 - 15	63	57	40	17	74

*M=Male F=Female

27. Diversity of Students

B.A	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
His,Eco,Politics	94	6	Nil
His,Geo, TT	80	20	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
Our student Mr.Pavan Kumar was selected for I.R.S and also NET 5 subjects.

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	30
PG to M.Phil	5
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 20 25
Entrepreneurship / Self – employment	

30. Details of Infrastructural facilities
a) Library - There are many books on the subject in the Central library and in the department library
b) Internet facilities for Staff & Students - Internet facility is available for staff.
c) Class rooms with ICT facility - No
d) Laboratories - N.A

31. Number of students receiving financial assistance from college, university, government or other agencies
12 students are receiving financial assistance in the form of meritorious scholarships, fifty percent concession in tuition fees and other fees, made available to the students by the college management

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil.

33. Teaching methods adopted to improve student learning
Track exams and assignments are adopted in addition to traditional method of class room teaching.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans
Future plan for the next five years to achieve eighty percent result by conducting class tests, periodical tests, organizing guest lectures, seminars, group discussions, quiz and debate etc..

Department of Biochemistry
Profile

Established in 1998 with one staff and 38 students, the department has successfully educated and trained 12 batches of students in **B.Sc Biochemistry**. The department initially offered courses in Biochemistry, Botany, Chemistry and Biochemistry, Zoology, Chemistry. Since 2001 the course offered by the department is Biochemistry, Biotechnology, Chemistry.

The department has a success rate of 83%, and the student to teacher ratio is 7:1   At the end of the course the students of B.Sc Biochemistry are competent to pursue Higher education and form a career in the fields of Pharma, Medical Transcription, Medical coding, Clinical diagnosis, Forensic Laboratories, Research in Biological Sciences, food and Nutrition industry. These fields play a crucial role in research and development of Medical sciences, Industrial field, and Service sector.

70% of our students are perusing their Higher education in various universities both in India and Abroad.

25% are placed in industries like- Pharma, research institutions, medical transcription, medical coding, clinical labs, Medical, research and teaching equipment services.

5% are placed in other fields like Banking, Software, National Defence Academy and Self-Employment(Diagnostic Labs).

Department Facilities

- The Department has well equipped Laboratory with all the required instruments like visible Spectrophotometer, centrifuge, Paper and gel Electrophoresis units, Photoelectric Colorimeter, Microscopes, Chromatography Columns and chambers and all other equipment for undergraduate laboratory training along with Glassware and Hi grade chemicals.

- The department library has around 75 books. The library is maintained along with the department of Biotechnology, as they are interdisciplinary.

- The department also has a computer with internet access for both the staff and students.

The department has one staff member and one lab assistant.

Head of the Department : K.Beulah

- She has completed M.Sc., M.Phil., from Andhra University, Visakhapatnam. She has 19 years of teaching experience in U.G courses and one year in P.G.

- She has served as a Member - Board of Studies, Biochemistry U.G, Andhra University, 2003 – 2006

- Member - Board of Studies, Biochemistry U.G, Andhra University, 2006 – 2009

- Chair Person- Board of Studies, Biochemistry U.G, Andhra University, 2010 – 2013

- Subject Expert Member - Board of Studies – Dr.V.S.Krishna (Autonomous) Govt. College, Visakhapatnam, 2012-2014

- Attended several refresher courses offered by Andhra University and National Seminars conducted by Andhra university, GITAM University and V.S.Krishna Autonomous) Govt. College, Visakhapatnam.

- Refresher courses attended : 4

- National Seminars & workshops attended: 6

Departmental Objectives

As part of the departmental objective for excellence in the field of Biochemistry a multidimensional approach is given to elevate the student view on the subject. At the conclusion of their studies the student is trained to possess knowledge on the basic areas of Biochemistry; laboratory skills; solving scientific problems; the principles and applications of modern instrumentation, computation and data analysis; and have resources to opportunities in, and requirements for, the careers available biochemistry fields. To prepare the students for real world and also to help define their objectives in life.

The objectives are pursued by

- completion of syllabus and revision, provision of question banks, track examinations at year end in addition to regular Unit tests, Half yearly and Hope to improve student performance and result output.
- Assess student learning by evaluation of assignments, miniprojects, homework and lab experiments.
- The Department actively conducts competitions in Seminars, quiz, debate, poster presentation, both at college and intercollegiate level.
- Organize awareness programmes, guest lectures from academic and industrial personnel.
- Industrial visits are undertaken to view and understand real world applications of Biochemistry.
- Counseling sessions and personal interaction with the students are done regularly to help them in their higher education, research and career opportunities.

Teaching Methodologies

Approaches implemented are-

1. Use of audio video presentations, Models, Posters, Animations, real time applications to help understand the concepts of curriculum.
2. Innovative paper setting, quiz, assignments and debate to fine tune their knowledge to current status.
3. Individual and team approach in performing Laboratory exercises.
4. Discussions on latest research developments and their available resources.
5. Organize and help students to participate in competitions both within and outside the college.
6. Student model and Poster making on current research.

Future Plans

a. Improve student pass percentage and attendance to college.
b. Conduct remedial classes and fast track programmes for academically backward students.
c. Improve quality by organizing student seminars and guest lectures on current research & activities in Biochemistry.
d. Industrial visit.
e. Awareness Programmes – AIDS Awareness.
f. Guidance for higher education and campus placements.

Evaluative Report of the Departments

1. Name of the department : **Biochemistry**

2. Year of Establishment : 1998

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   B.Sc Biochemistry / Biotechnology / Chemistry

4. Names of Interdisciplinary courses and the departments/units involved
   Chemistry, Biotechnology, Computer Departments

5. Annual/ semester/choice based credit system (programme wise)
   Annual Credit Based System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons
   Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	1	1

10. 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 4 years
Smt.K.Beulah	M.Sc, M.Phil, SLET qualified Chemistry	Head of the Department	Biochemistry	20 yrs	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 7: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	1	1
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
      : One person with M.Sc, M.Phil and SLET qualified.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: one (1)
   * a) Publication per faculty
     Title: Purification, properties & Kinetic studies of catalase in the leaves of phyllanthus reticulation. (Accepted for publication in International Journal of Pharmaceutical, Clinical & Biological Sciences.
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
   a) National committees : : Nil
   b) International Committees : : Nil
   c) Editorial Boards…. : : Nil

22. Student projects
   a) Percentage of students who have done in-house projects including inter departmental/programme - 40

   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department
   - Dr.Aruna Kumari, lecturer, Department of Microbiology, Gandhi Institute of Technology and Management (GITAM) gave a talk on "Scope and Challenges of Current Research" in September, 2007.
   - Dr.Solomon Raju, HOD, Dept of Environmental Sciences, Andhra University, delivered a lecture on the "Importance of Conservation" on the eve of Wold Conservation Day, Oct,2011.
   - Prof.V.Veeraiah, Principal, Science & Technology, Andhra University spoke on Science and Peace, on the occasion of International Week for Science and Peace in Nov,2011.
   - Prof.Rao, M.Adibhatla, Research Scientist, Dept of Neurobiology, University of Wisconsin-Madison, USA, spoke on "Youth and Research Aspirations" in Nov,2011.
   - Mr.M.Rajesh, Asst Prof, Dept of Applied Sciences, Goethe University, Frankfurt, Germany, gave a talk on "recent Advances in Stem Cell Technology and Career opportunities in Biological Sciences".

25. Seminars/ Conferences/Workshops organized & the source of funding
   a)National
   b)International
   - Conference on International week for Science and Peace on 11.11.2011. Prof.V.Veeraiah, Principal, Science College (A.U), and by Prof.Rao.M.Adibhatla, Research Scientist, Dept of Neurobiology, University of Wisconsin-Madison, USA and Dr.G.Madhu Kumar, Secretary & Correso0ndent, Dr.L.Bullayya Colleges, Visakhapatnam were the key speakers. Funding was done by the College Management.
   - Awareness Programme on the eve of International Week of Food and Nutrition, Sept,2010.
   - "Avoid use of plastics", on occasion of Green Consumer Day, Sept,2011.
   - World Conservation, October,2011.
   - The College Management funded all the above programmes.

26. Student profile programme/course wise:

B.Sc (Biochemistry)	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	32	32	13	19	100
2008 - 09	15	15	6	9	86
2009 – 10	3	3	1	2	84
2010 – 11	7	7	4	3	92
2011 – 12	Nil	Nil	1	2	66
2012 – 13	-	-	-	-	-

*M=Male F=Female

27. Diversity of Students

Biochemistry	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	85	15	Nil
2008 – 09	86	14	Nil
2009 – 10	85	15	Nil
2010 – 11	92	8	Nil
2011 – 12	90	10	Nil
2012 - 13	-	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	34
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 66 Nil
Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library : Central Library has 148 of subject related books. In addition the departmental library has 75 books.
   b) Internet facilities for Staff & Students: Facility available in department.
   c) Class rooms with ICT facility : Nil
   d) Laboratories: One (fully equipped).

31. Number of students receiving financial assistance from college, university, government or other agencies: : Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

a) Industrial visit to Visakhapatnam Steel Plant – Effluent & Sewage treatment plants was organised in the year 2008 – 2009.
b) Industrial visit to United Breweries Ltd., Ranasthalam, Srikakulam district was organised in the year 2009 – 2010.
c) Industrial visit to Extra Clean cities Bio diesel plant, Duvvada, Visakhapatnam, organised in the year 2010 – 2011.
d) Interdepartmental Competitions were conducted as part of BIOTECHNIKA from 27th – 29th Sept,2010 in events such as debate, quiz, model, poster presentations and students Seminars.
e) 2011 – 2012; Green Consumers day in Sept,2011 was organised on the them proper use and disposal of plastics & Alternatives to plastics.
f) World Conservation day was organised as part of which competitions were conducted in events such as elocution, essay writing, debate and poster presentation in Oct,2011.
g) International week for Science and Peace was organised on 11th Nove,2011 as a part of which Intercollegiate competitions in model and poster presentations were conducted.
h) Industrial visits to Govada Co-op Sugar Factory, & Visakha Dairy Plant, Vsp were organised in Jan, 2012.

33. Teaching methods adopted to improve student learning
Internet, animations, news and research articles are used in addition to traditional methods of class room teaching.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans

- Strengths: A well established department which gives comprehensive training to students in Biochemistry, highly experienced faculty.
- Weakness: Reduced strength of students as compared to previous years. In coming student quality is weak in terms of good communication skills and knowledge in English.
- Opportunities: They can enter in various fields of applied sciences for higher education.
- Students have high career prospects in the fields of clinical labs, pharmaceutical industries, medical transcription, medical coding, food & nutrition institutes, research labs, forensic and diagnostic labs.
- The students are also eligible to enter into other areas such as service commission, banking, private sectors and self employment.

- Threats: Dwindling interest in students to pursue B.Sc courses and availability of government funds for students to pursue professional courses such as B.Tech, MBBS etc.

Future Plans:
- To improve results, inculcate research orientation in students and make them competent for competitive examinations and placements.
- To conduct seminars and conferences in bringing awareness on the latest developments in the field.

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Department of Biotechnology
Profile

Established in 2000 with one staff and 30 students, the department has successfully educated and trained 10 batches of students in **B.Sc Biotechnology**. The department initially offered courses in Biotechnology, Biochemistry, Chemistry and currently offers 4 courses in

a) Biotechnology / Microbiology / Chemistry

b) Biotechnology / Biochemistry / Chemistry

c) Biotechnology / Botany / Chemistry

d) Biotechnology / Zoology / Chemistry

The department has a success rate of 85%, and the student to teacher ratio is 28 :1 The students of B.Sc Biotechnology are made competent to pursue Higher education and form a career in the fields of Pharmaceutical industry, Research in Biological Sciences, Medical Transcription, Medical coding, Forensic Laboratories. These fields play a crucial role in research and development and Biotechnologists have the potential to contribute to long term benefits in agriculture, animal productivity, human health, environmental security and sustainable industrial growth.

70% of our students are pursuing their Higher education in various universities both in India and Abroad.
25% are placed in industries like- Pharma, research institutions, medical transcription, medical coding, clinical labs, Medical, research and teaching equipment services.
5% are placed in other fields like Banking, Software and Self- Employment(Diagnostic Labs).

Department Facilities
- The Department has well equipped Laboratory with all the required instruments like visible Spectrophotometer, centrifuge, Paper and gel Electrophoresis units, Photoelectric Colorimeter, Microscopes, Chromatography Columns and chambers and all other equipment for routine lab work along with Glassware and Hi grade chemicals.
- The department library has around 75 books. The library is maintained along with the department of Biochemistry, as they are interdisciplinary.
- The department also has a computer with internet access for both the staff and students.

The department has two staff members and one lab assistant.
Head of the Department : V.Aparna
- She has completed M.Sc., and is pursuing Ph.D. from Department of Biotechnology, Andhra University, Visakhapatnam. She has 8 years of teaching experience in U.G courses.
- She is a Subject Expert Member - Board of Studies – Dr.V.S.Krishna (Autonomous) Govt. College, Visakhapatnam, 2012-2014
- Attended several refresher courses offered by Andhra University and

National Seminars conducted by Andhra university, and V.S.Krishna (Autonomous) Govt. College, Visakhapatnam.

- Refresher courses attended : 2
- National Seminars & workshops attended: 5

Lecturer : M.Bharati

- She has completed M.Sc., and is pursuing M.Phil.,. from the Department of Botany, Andhra University, Visakhapatnam. She has 5 years of teaching experience in U.G courses.
- Attended refresher courses offered by Andhra University and National Seminars conducted by Andhra University, GITAM University and V.S.Krishna (Autonomous) Govt. College, Visakhapatnam.
- Refresher courses attended : 1
- National Seminars & workshops attended: 3

Departmental Objectives

As part of the departmental objective for excellence in the field of Biotechnology a multidimensional approach is given to elevate the student view on the subject. At the conclusion of their studies the student is trained to possess knowledge on the basic areas of Biotechnology, Cell biology, Genetics, Biochemistry, Stem cell techniques, Gene Therapy, Immuno-technologies, Genetic engineering, Tissue culture; laboratory skills; solving scientific problems; the principles and applications of modern instrumentation, computation and data analysis; and have resources to opportunities in, and requirements for, the careers available in the field of Biotechnology. Exposure to various co-curricular and extracurricular activities help to develop their overall personality. To prepare the students for real world and also to help define their objectives in life.

Approaches implemented are-

- Use of audio video presentations, Models, Posters, Animations, real time applications to help understand the concepts of curriculum and Improve student results and performance.
- Innovative paper setting, quiz, assignments and debate to fine tune their knowledge to current status.
- Individual and team approach in performing Laboratory exercises.
- Discussions on latest research developments and their available resources.
- Organize and help students to participate in competitions both within and outside the college, In Seminars, quiz, debate, poster presentation
- Student model and Poster making on current research.
- Mini projects for final year students.
- Industrial visit: to view and understand real world applications of biotechnology
- Organized awareness programmes so as to help students understand positive and negative effects of scientific advances and create awareness among others.

- Conduct guest lectures from academic and industrial personnel to expose them to myriad opportunities available.
- Counseling sessions and personal interaction for the higher education, research and career opportunities.

Future Plans:

- Improve student pass percentage and attendance to college.
- Conduct remedial classes and fast track programmes for academically backward students.
- Improve quality by organizing student seminars and guest lectures on current research & activities in Biotechnology.
- Industrial visit.
- Awareness Programmes – Environmental Awareness and role of Biotechnology.
- Guidance for higher education and campus placements and help improve employability skills for campus placements

Evaluative Report of the Departments

1. Name of the department : **Biotechnology**

2. Year of Establishment :2000

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   B.Sc
   1) Biotechnology / Biochemistry / Chemistry
   2) Biotechnology / Microbiology / Chemistry
   3) Biotechnology / Zoology / Chemistry
   4) Biotechnology / Botany / Chemistry

4. Names of Interdisciplinary courses and the departments/units involved
   Microbiology, Biochemistry, Chemistry and Computer Departments

5. Annual/ semester/choice based credit system (programme wise) : Annual credit based System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	2	2

10. 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 4 years
Smt.V.Aparna	M.Sc,	Head of the Department	Biotechnology	8 yrs	Nil
Smt.M.Bharathi	M.Sc	Lecturer	Biotechnology	5 yrs	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 28: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	1	1
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG : PG – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
   * a) Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
   a) National committees
   b) International Committees
   c) Editorial Boards….
   Smt.V.Aparna, - Subject Expert, Dr.V.S.Krishna (Autonomous) Govt.College, Visakhapatnam (2011 – 2014)

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme ; 40%

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students
    - Faculty:
      Smt.V.Aparna – Received a special prize for paper presentation on the topic "Production of Biogas in Bio resource Management" in the International symposium "Current Approaches in Bio resource Management" conducted by Dr.V.S.Krishna (Autonomous) Govt College, Vsp on 8th and 9th Mar,2010.
    - Students: II B.Sc Biotechnology received First prize for Model Exhibits in Ozone Day competitions held at Indian Institute of Advanced Management, Visakhapatnam in Aug,2011.

24. List of eminent academicians and scientists/ visitors to the department
    - Dr.Aruna Kumari, lecturer, Department of Microbiology, Gandhi Institute of Technology and Management (GITAM) gave a talk on "Scope and Challenges of Current Research" in September, 2007.
    - Dr.Solomon Raju, HOD, Dept of Environmental Sciences, Andhra University, delivered a lecture on the "Importance of Conservation" on the eve of Wold Conservation Day, Oct,2011.
    - Prof.V.Veeraiah, Principal, Science & Technology, Andhra University spoke on Science and Peace, on the occasion of International Week for Science and Peace in Nov,2011.
    - Prof.Rao, M.Adibhatla, Research Scientist, Dept of Neurobiology, University of Wisconsin-Madison, USA, spoke on "Youth and Research Aspirations" in Nov,2011.
    - Mr.M.Rajesh, Asst Prof, Dept of Applied Sciences, Goethe University, Frankfurt, Germany, gave a talk on "Recent advances in Stem Cell Technology and Career opportunities in Biological Sciences".

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National
    b)International

    - Conference on International week for Science and Peace on 11.11.2011. Prof.V.Veeraiah, Principal, Science College (A.U), and by Prof.Rao.M.Adibhatla, Research Scientist, Dept of Neurobiology, University of Wisconsin-Madison, USA and Dr.G.Madhu Kumar, Secretary & Correso0ndent, Dr.L.Bullayya Colleges, Visakhapatnam were the key speakers. Funding was done by the College Management.

- Awareness Programme on the eve of International Week of Food and Nutrition, Sept,2010.
- "Avoid use of plastics", on occasion of Green Consumer Day, Sept,2011.
- World Conservation, October,2011.

The College Management funded all the above programmes.

26. Student profile programme/course wise:

B.Sc (Biotechnology)	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	150	121	54	67	
2008 - 09	95	81	36	45	97.1
2009 – 10	24	24	9	15	97.1
2010 – 11	17	17	6	11	86.7
2011 – 12	31	31	15	16	70.3
2012 – 13	21	21	01	16	77
2013 – 14	44	40	16	24	85
2014 – 15	39	37	13	24	87.5

  *M=Male F=Female

27. Diversity of Students

B.Sc with Biotechnology combination	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	90	10	Nil
2008 – 09	86	14	Nil
2009 – 10	80	20	Nil
2010 – 11	92	8	Nil
2011 – 12	90	10	Nil
2012 - 13	82	18	Nil
2013 - 14	82	18	Nil
2014 – 15	95	5	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	63
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed	
• Campus selection	47
• Other than campus recruitment	Nil
Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library : In addition the departmental library has 75 books.
   b) Internet facilities for Staff & Students : Facility available in department
   c) Class rooms with ICT facility : Nil
   d) Laboratories : Three (fully equipped).

31. Number of students receiving financial assistance from college, university, government or other agencies : Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   - 2008 – 2009: .Industrial visit to Visakhapatnam Steel Plant – Effluent & Sewage treatment plants
   - 2009 – 2010: Industrial visit to United Breweries Ltd., Ranasthalam, Srikakulam district c) 2010 – 2011: Industrial visit to Extra Clean cities Bio diesel plant, Duvvada, Visakhapatnam.
   - Interdepartmental Competition –BIOTECHNIKA, 2010 27th – 29th Sept,2010 in events such as debate, quiz, model, poster presentations and students Seminars.
   - 2011 – 2012; Green Consumers day proper use and disposal of plastics & Alternatives to plastics was organised in Sept,2011 .
   - Wold Conservation day was organised as part of which competitions were conducted in events such as elocution, essay writing, debate and poster presentation in Oct,2011.
   - International week for Science and Peace was organised on 11th Nov,2011 as a part of which Intercollegiate competitions in model and poster presentations were conducted.
   - Industrial visits to Govada Co-op Sugar Factory, & Visakha Dairy Plant, Vsp were organised in Jan, 2012.

33. Teaching methods adopted to improve student learning
   Use of Internet resources, animations, news and research articles apart from general methods.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

35. SWOT analysis of the department and Future plans
   - Strengths: A well established department with committed faculty. The admissions in the department are stronger despite recent downtrends in B.Sc admissions. A comprehensive training is given to students in theory, laboratory and applications of biotechnology..
   - Weakness: Reduced strength of students as compared to previous years. In coming student quality is weak in terms of good communication skills and knowledge in English.

- Opportunities: Students have high career prospects in the fields of clinical labs, pharmaceutical industries, medical transcription, medical coding, food & nutrition institutes, research labs, forensic and diagnostic labs.
- They can enter in various fields of applied sciences for higher education.
- The students are also eligible and mad e competent to pursue other fields such as Service Commission, Banking, Private sectors and self employment.
- Threats: Dwindling interest in students to pursue B.Sc courses and availability of government funds for students to pursue professional courses such as B.Tech, MBBS etc.

Future Plans:
- To improve results, inculcate research orientation in students and make them competent for competitive examinations and placements.
- To conduct mini research projects for students.
- To conduct seminars and conferences highlighting the role of biotechnology in human welfare.
- To improve collaborations with university and other colleges.

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Department of Microbiology
Profile

Established in 2002 with one staff and 11 students, the department has successfully educated and trained 8 batches of students in **B.Sc Microbiology**. The course offered by the department is Bachelor of Science (B.Sc) with Microbiology / Chemistry / Biotechnology combination.

The department has a success rate of 83 percent, and the student to teacher ratio is 51:1. The students of B.Sc Microbiology have scope in pursuing Higher education and career in the fields of Pathology, Research in Biological Sciences, Medical Transcription, Medical coding, Forensics, Nano-Technology etc. This subject plays a crucial role in research and development in laboratories of government and private hospitals, as well as pharmaceutical, food, beverage and chemical industries. Universities, research institutes and industrial companies employ microbiologists in environmental, healthcare and agricultural research. 70 percent of our students are purusing their higher education in various universities both in India and Abroad; 25 percent are placed in industries like- clinical labs, research institutions, medical transcription, medical coding, medical, research and teaching equipment services; and 5 percent are placed in other fields like Self-Employment by opening Diagnostic Labs.

Facilities:
The Department has well equipped Laboratory with all the required instruments for routine lab work along with Glassware and Hi grade chemicals. There are 78 books relating to microbiology in the central library and 33 books in departmental library. The department also has a computer with internet access for both the staff and students.
Staff:
The department has one teacher and one lab assistant.

Objectives:
Departmental objective is to strive for excellence in the field of Microbiology by training the student gain knowledge in the basic areas of Microbiology, Medical microbiology, Food Microbiology, Industrial Microbiology, Bioinformatics, Microbial-Technology, Clinical Research, Molecular biology, Biochemistry, Forensic Science, Immuno-technologies and Genetic engineering. The students are trained in laboratory skills, solving scientific problems, use and applications of modern instrumentation, computation and data analysis.
Exposure to various co-curricular and extracurricular activities is given to help develop their overall personality. Approaches implemented in this regard are:

1. Use of audio video presentations, models, posters, animations, real time applications to help understand the concepts of curriculum.
2. Innovative paper setting, giving assignments and conductiong competitions like quiz and debates to update their knowledge.
3. Individual and team approach in performing Laboratory exercises.
4. Holding discussions on latest research developments.

5. Organizing and helping the students to participate in competitions both within and outside the college in events such as seminars, quiz, debate and poster presentation.

6. Counseling and personal interaction with the students to motivate them towards higher education, research and other career opportunities.

Evaluative Report of the Departments

1. Name of the department : **Microbiology**

2. Year of Establishment : 2002

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   B.Sc
   Microbiology / Biotechnology / Chemistry

4. Names of Interdisciplinary courses and the departments/units involved
   Biotechnology, Biochemistry, Chemistry and Computer Departments

5. Annual/ semester/choice based credit system (programme wise) :
   Annual credit based System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	1	1

10. 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 4 years
Smt.Ch.Sirisha	M.Sc, M.Phil	Head of the Department	Microbiology	6 yrs	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 51: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	1	1
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
one person with PG and M.Phil

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: 2
* a) Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students
* 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.)
* Monographs
* Chapter in Books
* Books Edited
* Books with ISBN/ISSN numbers with details of publishers
* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
a) National committees :Nil
b) International Committees :Nil
c) Editorial Boards…. :Nil

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme 40%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department : Nil

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National   :Nil
b)International: Nil

26. Student profile programme/course wise:

B.Sc (Microbiology)	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	60	45	10	25	100
2008 - 09	60	44	20	24	99
2009 – 10	23	19	6	13	99
2010 – 11	22	16	5	11	70
2011 – 12	21	18	1	17	97
2012 – 13	40	22	1	21	90
2013 – 14	44	40	16	24	86
2014 – 15	39	37	13	24	94

*M=Male F=Female

27. Diversity of Students

Microbiology	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	85	15	Nil
2008 – 09	86	14	Nil
2009 – 10	78	22	Nil
2010 – 11	84	16	Nil
2011 – 12	84	16	Nil
2012 - 13	100	-	Nil
2013 – 14	93	7	Nil
2014 – 15	98	2	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	60
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 40 Nil
Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library :
   Central library has 78 subject related books. In addition to it the
   department library has 33 books.
   b) Internet facilities for Staff & Students : Facility available in department.
   c) Class rooms with ICT facility: Nil
   d) Laboratories: Two (fully equipped).

31. Number of students receiving financial assistance from college, university, government or other agencies : Nil

32. Details on student enrichment programmes (special lectures /   workshops / seminar) with external experts :
   • Industrial visit to Visakhapatnam Steel Plant – Effluent & Sewage treatment plants in 2008 – 2009
   • Industrial visit to United Breweries Ltd., Ranasthalam, Srikakulam district in 2009 – 2010.
   • Industrial visit to Extra Clean cities Bio diesel plant, Duvvada, Visakhapatnam.
   • in 2010 – 2011
   • Interdepartmental Competitions were conducted as part of BIOTECHNIKA, 2010 27th – 29th Sept,2010 in events such as debate, quiz, model, poster presentations.
   • Industrial visits to Govada Co-op Sugar Factory, & Visakha Dairy Plant, Vsp were organised in Jan, 2012.

33. Teaching methods adopted to improve student learning :
   Internet, animations, news are used in addition to traditional methods of class room teaching.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

35. SWOT analysis of the department and Future plans :

- **Strengths**: A well established department which gives comprehensive training to students in Microbiology. High pass percentages in University Examinations.
- **Weakness**: Decrease in strength of students as compared to previous years. In coming student quality is weak in terms of good communication skills and knowledge in English.
- **Opportunitie**s: They can enter in various fields of applied sciences for higher education Students have high career prospects in the fields of clinical labs, pharmaceutical industries, medical transcription, medical coding, food & nutrition institutes, research labs, forensic and diagnostic labs.
- **Threats**: Dwindling interest in students to pursue B.Sc courses and availability of government funds for students to pursue professional courses such as B.Tech, MBBS etc.

Future Plans:
- To improve results, and make them competent for competitive examinations and placements. To conduct seminars and conferences in bringing awareness on the latest developments in the field.
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Department of Zoology
Profile

The department of **Zoology** started functioning in the year 1998. The department has all necessary infrastructure and well equipped laboratory with all basic and advanced facilities.

Zoology has multidisciplinary approach towards applied fields like Public health, Parasitology, Animal Ecology, Applied Entomology, Aquaculture, Biodiversity Wild life Management and Environmental studies.

The department is providing training in basic and applied aspects of faunal sciences, relevant to understand relationships of man, animals, plants and other compound of ecosystem and also to understand the development of human intellect and management of our natural resources.

The department is fully equipped to impart the practical training to the students. To supplement the theory knowledge the department plans and organizes Zoological tours and field trips to the place of Zoological importance every year.

There is a wide range of scope of employability in Public and Private sectors, Zoos, Wild life parts and environment protection organizations, research institutions and also self employment for the Zoology students.

Courses Offered: Chemistry / Zoology / Biotechnology and Chemistry / Botany / Zoology

56 students have chosen Zoology as one of their optional subjects. The department has one teacher Dr.P.Surekha with Ph.D as higher qualification.

The success rate in the department is 80%.
The department maintains the performance of students by observing attendance conducting periodical tests and continuous counseling.

Performance is evaluated through the analysis of tests and examination. Regular feedback is given to the students. Academically poor students are given remedial class for improvement. Bright students are encouraged to present papers on current topics in the department seminars. The learning resources for the students in the department are departmental library, display charts and museum specimens and Interment.

Plan of action of the department for future years is to improve the success rate of the students to maximum. Many of the students achieved good ranks in the AUCET and other P.G entrance examinations. Few students were selected in the competitive exams. Placement record of the past students is maintained.

- The department procured an Aquarium in the year 2006.
- Tortoise shell was collected processed and displayed in the department.
- Six feet python snake, Russell's viper were collected and displayed.
- Some exclusive specimens were processed and kept in the department.
- Sufficient number of library books was acquired in the departmental library.

- Conducted 10 student seminars and two guest lectures in the academic year.
- Organizing and participating in the faculty activity based workshop.
- Discussion over latest Science & Technology newspaper clippings in the classroom.
- Visits to the CMFRI and FSI (to observe different kinds of aquaculture fishes, nets and boats).

These are a few activities and best practices of the department.

Evaluative Report of the Departments

1. Name of the department: **Zoology**

2. Year of Establishment : 1998

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   Under Graduate: B.Sc – Chemistry, Botany and Zoology

4. Names of Interdisciplinary courses and the departments/units involved : Nil.

5. Annual/ semester/choice based credit system (programme wise) : Annual credit based System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

10. 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 4 years
Dr.P.Surekha	M.Sc, M.Phil, Ph.D.,	Lecturer	Parasitology	17 yrs	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 58: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	Nil	Nil
Technical	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
One teacher with Ph.D degree in Zoology.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Six papers
   * a) Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
   a) National committees - Nil
   b) International Committees - Nil
   c) Editorial Boards…. – Nil

22. Student projects
   a) Percentage of students who have done in-house projects including inter departmental/programme - Nil

   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department : Nil

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International - Nil

26. Student profile programme/course wise:

B.Sc CBZ	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	134	134	50	88	91
2008 - 09	97	97	32	65	88
2009 – 10	73	73	28	45	75
2010 – 11	68	68	25	43	77.9
2011 – 12	52	52	20	32	89.8
2012 - 13	57	57	18	39	86
2013 – 14	45	40	13	27	87
2014 – 15	42	38	17	21	100

*M=Male F=Female

27. Diversity of Students

Chemistry/Botany/Zoology	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	100	Nil	Nil
2008 – 09	96	4	Nil
2009 – 10	100	Nil	Nil
2010 – 11	100	Nil	Nil
2011 – 12	87	13	Nil
2012 - 13	100	Nil	Nil
2013 - 14	100	Nil	Nil
2014 - 15	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	30
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 20 NA
Entrepreneurship / Self – employment	

30. Details of Infrastructural facilities
    a) Library - There are 651 books related to the subject in the Central Library and 80 books in the departmental library
    b) Internet facilities for Staff & Students - Internet facility is available to staff
    c) Class rooms with ICT facility - Nil
    d) Laboratories - a big and well equipped Zoology laboratory is available to students.

31. Number of students receiving financial assistance from college, university, government or other agencies
    40 percent of the students are getting scholarship from government

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
    Organizing guest lectures and student seminars every year.

33. Teaching methods adopted to improve student learning
    Bio-visual charts and internet in addition to class room teaching.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
    Five students from the department each are actively participating in NSS and NCC activities.

35. SWOT analysis of the department and Future plans
    Having experienced faculty with 17 years of teaching experience is the strength of the department. Poor communication skills of the students, as they are from Telugu medium in previous stages happens to be the weakness of the department. Opportunities for Zoology students are plenty; they are eligible to pursue B.Ed and P.G courses and many kinds of jobs in the private and public sectors. An element of uncertainty in admissions into the course is perceived to be threat in near future, as the demand for the course has been fluctuating from year to year.

Future Plans:
• To improve the student success rate to the maximum
• Academic counseling to be given to achieve good ranks in P.G entrance examinations and also about future prospects.
• Conducting Seminars, Guest lectures and workshops regularly.

- Collection of some exclusive specimens to keep in the department.
- Regular biological field trips every year.

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Department of Botany
Profile

The Department of **Botany** started functioning in the year 1998 to offer B.Sc course with Zoology and Chemistry combination and subsequently Biotechnology was also added. The department has necessary infrastructure and well equipped laboratory with basic and advanced facilities. Student teacher ratio is 56:1, and success rate is 72 percent.

The department provides basic information in areas such as Horticulture, Agriculture, Floriculture, Biodiversity, Genetics, Plant breeding, Plant physiology, Biotechnology, Microbiology, Ecology and Medical Botany at the under graduate level.

Graduates of B.Sc Botany play important role in the national development by getting eligibility to work in the departments like forest, agriculture, horticulture, ayurvedic medicine etc., and to set up cottage industries such as mushroom culture and floriculture for self employment. Their knowledge is useful for environmental protection, conservation of Biodiversity, Bio-fuel production etc.,

The department monitors the performance of students continuously by observing attendance, conducting tests and academic counseling on a regular basis. It is also taking pains to improve the communication skills of students. It also encourages the students to update their knowledge by encouraging the use of mass media and by conducting group discussions in the class on current topics.

The department inculcates value system among the students by instructing them to write one quotation containing moral value or advice on the black board daily. Students are also encouraged to participate actively in social service programmes like NSS.

Teaching with dedication, conducting institutional examinations and proper evaluation of answer scripts, arranging student seminars, quiz competitions, field trips and guest lectures by subject experts to help students learn the subject are some of the practices used by the department.

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Evaluative Report of the Departments

1. Name of the department : **Botany**

2. Year of Establishment : 1998

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   Under Graduate: B.Sc – Chemistry, Botany and Zoology

4. Names of Interdisciplinary courses and the departments/units involved : Nil.

5. Annual/ semester/choice based credit system (programme wise)
   Annual credit based System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

10. 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 4 years
Smt.P.Jhansi Lakshmi Bai	M.Sc	Lecturer		28 yrs	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 56: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	Nil	Nil
Technical	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
One teacher with P.G degree in Botany.

16. Number of faculty with ongoing projects from
a) National   b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
  * a) Publication per faculty
  * Number of papers published in peer reviewed journals (national / international) by faculty and students
  * 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.)
  * Monographs
  * Chapter in Books
  * Books Edited
  * Books with ISBN/ISSN numbers with details of publishers
  * Citation Index
  * SNIP
  * SJR
  * Impact factor
  * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
a) National committees - Nil
b) International Committees - Nil
c) Editorial Boards…. – Nil

Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies – Nil

22. Awards/ Recognitions received by faculty and students : Nil

23. List of eminent academicians and scientists/ visitors to the department : Nil

24. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International - Nil

25. Student profile programme/course wise:

B.Sc CBZ	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	134	134	48	86	86
2008 - 09	97	97	32	65	77
2009 – 10	73	73	28	45	70
2010 – 11	61	61	25	36	75
2011 – 12	52	52	20	32	55
2012 - 13					
2013 - 14	44	40	16	24	63
2014 - 15	39	37	13	24	90

*M=Male F=Female

26. Diversity of Students

Chemistry/Botany/Zoology	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	100	Nil	Nil
2008 – 09	96	4	Nil
2009 – 10	100	Nil	Nil
2010 – 11	100	Nil	Nil
2011 – 12	87	13	Nil
2012 - 13	95	4	Nil
2013 - 14	96	4	Nil
2014 - 15	98	2	Nil

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

28. Student progression

Student Progression	Against percentage enrolled
UG to PG	30
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed	
• Campus selection	20
• Other than campus recruitment	NA
Entrepreneurship / Self – employment	

29. Details of Infrastructural facilities
   a) Library - There are 325 books related to the subject in the Central Library and 66 books in the departmental library.
   b) Internet facilities for Staff & Students - Internet facility is available to staff
   c) Class rooms with ICT facility - Nil
   d) Laboratories - well equipped Botany laboratory is available to students.

30. Number of students receiving financial assistance from college, university, government or other agencies
   40 percent of the students are getting scholarship from government.

31. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   One Guest Lecture by Retired Professor from Mrs. A.V.N.College was organized in November, 2011.

32. Teaching methods adopted to improve student learning
   Bio-visual charts and internet in addition to class room teaching.

33. Participation in Institutional Social Responsibility (ISR) and Extension activities
   Five students from the department are actively participating in NSS and NCC activities.

34. SWOT analysis of the department and Future plans
   Having experienced faculty with 28 years of teaching experience is the strength of the department. Poor communication skills of the students, as they are from Telugu medium in previous stages are the weakness of the department. Student enrolment which has been declining for the last few years is threatening the existence of the department.
   Future Plans: To improve the student success rate academically, academic counseling is to be given to the students for the future prospects, to encourage them to write Post Graduate Entrance exams, to organize biological trips every year.

Department of Mathematics
Profile

The department of **Mathematics** was established in the year 1989 with the combinations

Mathematics / Physics / Electronics (MPE)

Mathematics / Physics / Chemistry (MPC)

Later on three more combinations were added

Mathematics / Physics / Computer Science (MPCS)

Mathematics / Electronics / Computer Science (MECS)

Mathematics / Statistics / Computer Science (MSCS)

About the Faculty:

The Department of Mathematics has five faculty members who are well qualified and experienced.

Sri. P.RAMUNAIDU M.Sc,M.Phil,M.Tech,B.Ed   HEAD OF THE DEPT
Smt. N.SANGEETHAM.Sc, M.Phil,B.Ed   LECTURER
Smt. S.FAREEDA BEGUM   M.Sc, B.Ed   LECTURER
Smt. G.KANKALAKSHMI   M.Sc, M TECH   LECTURER

Major Highlights of the Department:
- Seminars are conducted to enhance the abilities of the students.
- Quiz programmes are conducted to develop the competitive spirit and objective learning of the students.
- Guest lecturers by eminent faculty of Andhra University and other colleges are organized for the students.

Academic and Personal Counselling of Students:
- Students are given personal counseling and guidance by the faculty.
- Special care is taken towards the slow learners.
- Interesting topics of Mathematics like Nature in Mathematics, Vedic and Competitive mathematics are being taught to the students other than the regular curriculum.

Details of Faculty Development Programmes:
- ➢ Sri.P.Ramu Naidu, and Sri. K.Narasimha Murthy attended Workshop organized by Gayatri Vidya Parishad College for Degree and P.G.
- ➢ Smt.S.Fareeda Begum has attended a symposium on Career Guidance in St.Josephs P.G.College and a workshop on Abstract Algebra conducted by Gayatri P.G.College.
- ➢ Smt.G.Kanaka Lakshmi has attended a workshop on embedded system conducted by Gayatri Vidya Parishad.

Methods of Continuous Student Assessment:
- Unit tests, Class tests, Half yearly & Hope exams are conducted to assess the students throughout the year.
- Students are given suggestions to improve their performance in examinations.

Action Plan:

To prepare for the common Entrance Examinations such as AUCET, ICET, MAT etc.,

VISION – MISSION:

Our mission is to vision the students as good citizens of India.

The department of Mathematics is striving for the goal of producing students who have strong knowledge in core subjects by organizing various programmes, counseling and motivating them to take up careers in Research so that they would become quality human resources for the country.

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Evaluative Report of the Departments

1. Name of the department: **Mathematics**

2. Year of Establishment : 1989

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   Under Graduate: B.SC -
   MATHEMATICS, PHYSICS, CHEMISTRY ;
   MATHEMATIS, COMPUTERS , ELECTRONICS;
   MATHEMATICS, STASTICS, COMPUTER SCIENCE;
   MATHEMATICS, PHYSICS, COMPUTER SCIENCE

4. Names of Interdisciplinary courses and the departments/units involved: Yes
    Physics, Computer Science, Electronics, Statistics, Chemistry.

5. Annual/ semester/choice based credit system (programme wise)
   Annual System

6. Participation of the department in the courses offered by other departments: Yes
    Physics, Computer Science, Electronics, Statistics, Chemistry.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons
   Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	4	4

10. 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 4 years
Sri P Ramu Naidu	M.Sc, M.Tech, M.Phil., B.Ed.	Asst. Prof	Fluid Dynamics, BVP	25	Nil
Smt N Sangeetha	M.Sc., M.Phil, B.Ed.,	Asst. Prof	Analysis	06	Nil
Smt S Farida Begum	M.Sc.,(M.Phil,), B.Ed.	Asst. Prof	Real Analysis	05	Nil
Smt G Kanaka Lakshmi	M.Sc., M.Tech.,	Asst. Prof		04	Nil

11. List of senior visiting faculty
    i) Dr.K.G.Venu, Reader, Dr.V.S.Kirshna Govt.Degree College,Vsp
    ii) Sri.A.B.Nageswar Rao, B.V.K.Degree College, Vsp

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise) : 60: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	Nil	Nil
Technical	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    P.G – 4, M.Phil - 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: - *Nil*
    * a) Publication per faculty - Nil
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.) - Nil
* Monographs
* Chapter in Books
* Books Edited
* Books with ISBN/ISSN numbers with details of publishers
* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards…. – Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme – *5 projects*

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department
    i)   Sri Ch Srinivasa Rao, Associate Professor, A.V.N. College, Vsp
    ii)   Sri.A.B.Nageswar Rao, B.V.K.Degree College, Vsp

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil
    b)International – Nil

26. Student profile programme/course wise:

B.Sc	Applications Received	Selected	Enrolled		Pass Percentage
			Male	**Female**	
2007 – 08	1100	240	180	60	75
2008 - 09	1200	240	160	80	72
2009 – 10	1250	240	156	84	66
2010 – 11	1210	240	159	81	62
2011 – 12	1050	240	140	100	75
2012 – 13	1075	240	144	96	68
2013 – 14	1110	240	153	87	58
2014 – 15	1010	240	151	89	90

    *M=Male F=Female
27. Diversity of Students

B.Sc Course with Mathematics combination	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	95	5	Nil
2008 – 09	95	5	Nil
2009 – 10	95	5	Nil
2010 – 11	95	5	Nil
2011 – 12	95	5	Nil
2012 - 13	100	0	Nil
2013 – 14	96	4	Nil
2014 – 15	95	5	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	60
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 15 10
Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
    a) Library - There are 540 reference books in Central library and 45 reference books in Departmental Library.
    b) Internet facilities for Staff & Students - Nil
    c) Class rooms with ICT facility - No.
    d) Laboratories – Classroom

31. Number of students receiving financial assistance from college, university, government or other agencies : 20%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning
    Student seminars and assignments in addition to traditional method of class room teaching

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil

35. SWOT analysis of the department and Future plans

Strengths:
- o The admissions are comparatively much better than other colleges due to the location, infrastructure and other facilities available.
- o Availability of faculty for all the papers unlike the other colleges.
- o Well experienced and dedicated faculty.

Weakness:
- 60% of the students completed their prior education with telugu as medium of instruction and are now not able to follow the subject being taught in English.

Opportunities:
- There are number of good job opportunities in government sectors like APPSC, NTPC, HPCL, UPSC, etc.,
- The students can also opt for P.G studies.

Threats:
- There may be fall in admissions due to rise in the demand for technical courses in the coming years.

Future Plans:
- To increase the pass percentage of the students to 80 percent.
- To arrange guest lectures.
- To take up mini projects by students.
- To conduct student seminars.

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Department of Statistics
Profile

Department of **Statistics** was established in the year 2000 to offer B.Sc. with the combination of Mathematics and Computers (M.S.Cs.). Statistics department has one faculty member viz., S. Rama Devi, M.Sc. who is a qualified and experienced. The Department is provided with good Laboratory and Library where the staff and students have good access.

Statistics is the science of modelling data arising in many fields, including those in the biological, physical, engineering and social sciences. Since variability is inherent in data, probability is an integral part of these models. Statistics is the science used to making informed decisions in the face of uncertainty. Statistics provides exciting opportunities for those working as professional statisticians in many fields such as pharmaceuticals, insurance and finance to mention a few.

The department is providing quality education to students by conducting three unit tests, midterm and pre-final examinations. Assignments and track examinations are conducted to improve their abilities. The department was equipped with one laboratory with all necessary equipment. The department provides support to the students to do mini projects to improve their skills. Student seminars are conducted regularly.

Evaluative Report of the Departments

1. Name of the department : **Statistics**

2. Year of Establishment : 2000

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Under Graduate

4. Names of Interdisciplinary courses and the departments/units involved Mathematics and Computer Science Departments.

5. Annual/ semester/choice based credit system (programme wise) Annual System

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

10. 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 4 years
Smt.S.Rama Devi	M.Sc	Asst.Prof	Statistics	7	Nil

11. List of senior visiting faculty
    1) Sri.K.Sridhar, M.Sc Ph.D., Associate Professor, Vignana Engg. College, Visakhapatnam.
    2) Sri.P.Gandhi, M.Sc, M.Phil, HOD of Statistics, Mrs.AVN College, Visakhapatnam.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 207: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	-	-
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. : PG – 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil..

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
   * Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
   a) National committees - Nil
   b) International Committees - Nil
   c) Editorial Boards…. - Nil

22. Student projects
   a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department : Nil

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International – Nil

26. Student profile programme/course wise:

Name of the Course/programme/year B.Sc.(M.S.Cs.)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2007-2008	40	40	23	17	65%
2008-2009	53	53	41	12	27%
2009-2010	45	45	27	18	45.2%
2010-2011	50	50	29	21	67%
2011-2012	64	64	39	25	68%
2012-2013	70	70	46	24	52%
2013-2014	70	70	43	27	58%
2014 – 15	70	70	45	25	80%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. (M. S. Cs.)	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	50
PG to M.Phil	5
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 20 10
Entrepreneurship / Self – employment	nil

30. Details of Infrastructural facilities
a) Library - There are 56 books related to statistics in the Central Library and 5 Books in Department Library.

b) Internet facilities for Staff & Students - Internet facility is available
c) Class rooms with ICT facility - Nil
d) Laboratories - Nil

31. Number of students receiving financial assistance from college, university, government or other agencies
Yes. 10 students receiving financial assistance in the form of 50% concession in tuition and other fee for their outstanding performance in sports.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil

33. Teaching methods adopted to improve student learning
Track exams, assignments, student seminar are used in addition to traditional methods of class room teaching etc are adopted.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans

Strengths: Well experienced and dedicated faculty.
Weakness: 50% of the students completed their prior education with Telugu as medium of instruction and are now not able to follow the subject being taught in English.
Opportunities: There are number of good job opportunities in Government sectors like APPSC, UPSC, etc.,
Threats: There may be fall in admissions due to rise in the demand for technical courses in the coming years.
Future plans: To increase the pass percentage of the students to 80%. Planning to conduct quiz competitions on Statistics.

Department of Physics
Profile

The Department of **Physics** was started in the year 1989, the first among the sciences at degree level. It is one of the subjects in B.Sc., course with subjects such as Mathematics, Chemistry, Computer Science and Electronics being the other subjects. There are two combinations with Physics. They are Mathematics, Physics, Chemistry (M.P.C.), and Mathematics, Physics, Computer Science (M.P.Cs.).

The Department has well experienced faculty. Besides teaching the faculty is pursuing research. The department has well equipped and separate laboratories for Ist year, IInd year and IIIrd year. There is an exclusive dark room meant for the Optics related experiments. The laboratories have sufficient number of equipments. Charts and models are used for better understanding of the subject.. Subject taught in the class room is correlated with laboratory experiments whenever possible.

The faculty is student friendly and guide them properly to their choice of career. As a result many of our students are well settled in various organizations.

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Evaluative Report of the Departments

1. Name of the department: **Physics**

2. Year of Establishment: 1989

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   Under Graduate: B.SC - MATHEMATICS, PHYSICS, CHEMISTRY;
   MATHEMATIS, PHYSICS, ELECTRONICS;
   MATHEMATICS, PHYSICS, COMPUTER SCIENCE

4. Names of Interdisciplinary courses and the departments/units involved: Yes
   Mathematics, Computer Science, Electronics, Chemistry, English, second Language, Environmental Science and Foundation Courses.

5. Annual/ semester/choice based credit system (programme wise):
   Annual Credit based System

6. Participation of the department in the courses offered by other departments: Yes
   Mathematics, Computer Science, Electronics, Chemistry.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	2	2

10. 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 4 years
Sri K Srinivas	M.Sc.(Tech), M.Sc, (Ph.D)	Asst. Prof	Geo Physics	18	Nil
Sri T R K Pydiraju	M.Sc., M.Phil, (Ph.D)	Asst. Prof	Physics	13	Nil

11. List of senior visiting faculty
    iii) Dr.P.Trinadha Rao, B.V.K.Degree College, Vizag.
    iv) Dr. D. Jagadeeswara Rao, Andhra university, College of Engineering, Vizag

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise) 120:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	Nil	Nil
Technical	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    P.G – 3, M.Phil - 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: - *Nil*
    * a) Publication per faculty - Nil
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.) - Nil
    * Monographs
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    c) National committees - Nil
    d) International Committees - Nil

c) Editorial Boards…. – Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme – Nil

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil

23. Awards/ Recognitions received by faculty and students
Nil

24. List of eminent academicians and scientists/ visitors to the department
Dr.P.Trinadha Rao, B.V.K.Degree College, Vizag.
Dr. D. Jagadeeswara Rao, Andhra university, College of Engineering, Vizag

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International – Nil

26. Student profile programme/course wise:

B.Sc	Applications Received	Selected	Enrolled		Pass Percentage
			Male	**Female**	
2007 – 08	1100	240	180	60	75
2008 - 09	1200	240	160	80	72
2009 – 10	1250	240	156	84	66
2010 – 11	1210	240	159	81	62
2011 – 12	1050	240	140	100	75
2012 – 13	1075	240	144	96	68
2013 – 14	1110	240	153	87	58
2014 – 15	1010	240	151	89	56

*M=Male F=Female

27. Diversity of Students

B.Sc Course with Mathematics combination	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	95	5	Nil
2008 – 09	95	5	Nil
2009 – 10	95	5	Nil
2010 – 11	95	5	Nil
2011 – 12	95	5	Nil
2012 - 13	100	0	Nil
2013 – 14	96	4	Nil
2014 – 15	95	5	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	60
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil

Employed
   • Campus selection
   • Other than campus recruitment
	
	15
	10

Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library - There are 550 reference books in Central library and 60 reference books in Departmental Library.
   b) Internet facilities for Staff & Students - Yes
   c) Class rooms with ICT facility - No.
   d) Laboratories – Classroom

31. Number of students receiving financial assistance from college, university, government or other agencies: 20%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning
   Student seminars and assignments in addition to traditional method of class room teaching

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
   Nil

35. SWOT analysis of the department and Future plans
   Strengths:
   o The admissions are comparatively much better than other colleges due to the location, infrastructure and other facilities available.
   o Availability of faculty for all the papers unlike the other colleges.
   o Well experienced and dedicated faculty.
   Weakness:
   • 60% of the students completed their prior education with telugu as medium of instruction and are now not able to follow the subject being taught in English.

Opportunities:
- There are number of good job opportunities in government sectors like APPSC, NTPC, HPCL, UPSC, etc.,
- The students can also opt for P.G studies.

Threats:
- There may be fall in admissions due to rise in the demand for technical courses in the coming years.

Future Plans:
- To increase the pass percentage of the students to 80 percent.
- To arrange guest lectures.
- To conduct student seminars.
- To take up mini projects by students.

***

Department of Electronics
Profile

The department of Mathematics, Physics and Electroncis and Mathematics, Electronics and Computers (M.E.Cs.). The Department has two faculty members viz., 1. P. Narasimha Rao, M.Sc., and 2. T. Sireesha, M. Sc. who are both qualified and experienced. The Department is provided with good Laboratory and Library where the staff and students have good access.

Contribution to National Development
Electronics as a subject which can be applied in bio-medical and industrial purposes like all the diagnostic equipment required in monitoring and diagnosis of diseases which helps health practitioners to treat patient efficiently, which leads to contributing towards healthy nation which indeed is a national development.

Electronics is pivotal subject for research activities especially in defense, medical and IT sectors. Electronics at graduate level provides employment for students in telecommunication sectors.

Evaluative Report of the Departments

1. Name of the department: **Electronics**

2. Year of Establishment: 1988

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   Maths, Electronics, Computer Science.
   Maths, Physics, Electronics.

4. Names of Interdisciplinary courses and the departments/units involved
   Mathematics, and Computer Science Departments

5. Annual/ semester/choice based credit system (programme wise)
   Annual credit based System

6. Participation of the department in the courses offered by other departments
   Maths, Physics and Computer science departments.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi cation	Designation	Special ization	No. of Years of Experien ce	No. of Ph.D students guided for the last 4 years
Sri.P.Narasimha Rao	M.sc	Head of the Department	Electro nics	11	Nil
Smt.T.Sireesha	M.Sc	Asst.Professo r	Electro nics	7	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise): 85: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	-	-
Technical	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
PG – 2;

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: Nil
* a) Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students
* 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.)
* Monographs
* Chapter in Books
* Books Edited
* Books with ISBN/ISSN numbers with details of publishers

* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards…. – Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme – Nil

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies – Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department: Nil

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil
    b)International – Nil

26. Student profile programme/course wise:

B.Sc	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 - 08	76	51	41	10	84
2008 - 09	72	51	35	16	78
2009 – 10	60	54	30	24	54
2010 – 11	60	56	40	16	84
2011 – 12	60	52	39	13	76
2012 – 13	60	47	29	18	51
2013 - 14	112	101	82	19	54
2014 - 15	112	105	89	29	93

*M=Male F=Female

27. Diversity of Students

B.Sc Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	99	1	nil
2008 – 09	100	-	nil
2009 – 10	100	-	nil
2010 – 11	100	-	nil
2011 – 12	100	-	nil
2012 - 13	100	-	Nil
2013 – 14	100	-	Nil
2014 – 15	100	-	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	35
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed	19
• Campus selection	17
• Other than campus recruitment	2
Entrepreneurship / Self – employment	nil

30. Details of Infrastructural facilities
   a) Library - Yes.
   b) Internet facilities for Staff & Students - Internet facility is available
   c) Class rooms with ICT facility - Nil
   d) Laboratories - 02 (well equipped)

31. Number of students receiving financial assistance from college, university, government or other agencies
   Yes. 15 students receiving financial assistance in the form of 50% concession in tuition and other fee for their outstanding performance in sports.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   Sri Nagabhushanamu, Assistant Professor, Dept of Systems and design, Andhra Univesity, Visakhapatnam gave a Guest Lecture.

33. Teaching methods adopted to improve student learning
Traditional method and interactive methods are used..

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans
Strengths: Well experienced and dedicated faculty.
Weakness: 45 percent of the students completed their prior education with
Telugu as medium of instruction and are now not able to follow
the subject being taught in English.
Opportunities: There are number of good job opportunities in government
sectors like APPSC, APSRTC, etc.,
The students can also opt for P.G studies.
Threats: There may be fall in admissions due to rise in the demand for
technical courses in the coming years.
Future plans:
❖ To organize science exhibition.
❖ To increase pass percentage.
❖ To take up mini projects by students.

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Department of Computer Science
Profile

The Department of **Computer Science** was established in the year 1988-89, to cater to Bachelor of Science (B.Sc) Course with Maths , Physics and Computer Science; Maths , Electronics and Computer Science and   Maths ,Statistics and Computer Science combinations. At present the Department is catering to the requirements of students of   Non computer sciences also like Arts and Life Sciences as Andhra university introduced Computer Science subjects with titles such as   Introduction to computers (First Year) and   Office Automation Tools(second Year)   in Arts, Life science, Commerce & Management   courses at UG level from   the academic year 2007-08.

Faculty Profile

Sno	Name of the faculty	Qualifications	Designation	Experience
1.	Smt.G.Rojamani	M.C.A, M.Phil	Assistant Professor, H.O.D	19 Years
2.	Smt.S.Srilatha	M.Sc, M.Phil, M.Tech	Assistant Professor	8 Years
3.	Smt.P.R.Nischala	M.Sc	Assistant Professor	5 Years
5.	Smt.D.R.S.Swetha	MCA	Asst.Professor	3 years

Contribution of the Department

Computers are used in almost every field . Hence the students trained by the department find good opportunities in various fields like banks, MNC's, educations, etc. Our students have been successfully placed in companies like WIPRO, TCS, IBM, LIC, ACN Infotech, L&T etc. Teaching is the real strength of the department, supported by well qualified and experienced faculty members. The students are continuously assessed by holding class tests regularly and Unit test , Half yearly and Hope examinations at appropriate time as per academic calendar. Students are thus helped to become self disciplined and knowledgeable.

Evaluative Report of the Departments

1. Name of the department : **Computer Science**

2. Year of Establishment: 1988 – 1989

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   - Maths, Physics, Computer Science
   - Maths, Electronics, Computer Science.
   - Maths, Statistics, Computer Science.

4. Names of Interdisciplinary courses and the departments/units involved
   Mathematics, Physics, Electronics and Statistics Departments.

5. Annual/ semester/choice based credit system (programme wise)
   Annual System

6. Participation of the department in the courses offered by other departments
   B.A, B.Com and BBM

7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	05	05

10. 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 4 years
Smt.G.Rojamani	MCA, M.Phil	Head of the Department		20	Nil

Smt.S.Srilatha	M.Sc, M.Phil, M.Tech	Asst.Professor		9	Nil
Smt.P.R.Nischala	M.Sc	Asst.Professor		6	Nil
Smt.Uma Sista	MCA, M.Tech	Asst.Professor		6	Nil
Smt.D.R.S.Swetha	MCA	Asst.Professor		3	Nil

11. List of senior visiting faculty :Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise)
    150: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative	-	-
Technical	1	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    PG – 5; M.Phil – 2 & M.Tech – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University :Nil

19. Publications: Nil
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.)
    * Monographs
    * Chapter in Books
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards…. – Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
    - Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department : Nil

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil
    b)International - Nil

26. Student profile programme/course wise:

B.Sc with Computer Science	Applications Received	Selected	Enrolled		Pass percentage
			Male	Female	
2011-12	125	125	70	55	65
2012-13	130	130	70	60	69
2013-14	133	133	72	61	75
2014 – 15	207	193	134	59	80

   *M=Male F=Female

27. Diversity of Students

B.Sc Course	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	96	4	nil
2008 – 09	98	2	nil
2009 – 10	95	5	nil
2010 – 11	96	4	nil
2011 – 12	97	3	nil
2012 - 13	96	4	Nil
2013-14	97	3	Nil
2014 – 15	95	5	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	25
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil

Employed
   • Campus selection
   • Other than campus recruitment
	
	5
	12

Entrepreneurship / Self – employment	nil

30. Details of Infrastructural facilities
- a) Library - There are 1483 books relating to Computer Science in the Central Library
- b) Internet facilities for Staff & Students - Internet facility is available.
- c) Class rooms with ICT facility - Nil
- d) Laboratories - Well equipped lab with 90 computers and one server.

31. Number of students receiving financial assistance from college, university, government or other agencies

Yes. 22 students receiving financial assistance in the form of 50% concession in tuition and other fee for their outstanding performance in sports.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
- Yes. Student seminars and Guest Lecture programmes are conducted every year. In the year 2011 – 12 two guest lectures were arranged, inviting Mr.K.Venkata Rao, Associate Professor, Andhra University, Visakhapatnam gave a lecture on "Data Structures".
- Mr.N.Rama Murthy, Asst.Prof, Gayatri Vidya Parishad P.G. College, Visakhapatnam gave a lecture on "Embedded Systems.
- Likewise 15 Students seminars were conducted.
- Sri.T.M.N.Vamsi, Asst.Prof, Gayatri Vidya Parishad, P.G. College, Visakhapatnam gave a lecture on "Operating Systems".

33. Teaching methods adopted to improve student learning

Internet facility, charts, power point presentation, Audio & video learning methods are used in addition to class room teaching.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Around 20 students are participating in NSS and NCC activities

35. SWOT analysis of the department and Future plans

Availability of qualified and experienced faculty with well equipped laboratory is the strength of the department. That most of the students come from Telugu medium back ground, leading to low level of

achievements in terms of campus placements is the weakness of the department. Computer Science students do get good opportunities in IT Companies such as WIPRO, Mahindra Tech, Satyam, INFOSYS, HCL and TCS etc., NO threats are perceived to the course nor the department in the near future.

Future plans:

❖ Plans are afoot to conduct Add-on programmes on technical skills in Hardware and networking.

❖ To develop interpersonal skills among the students and improve the pass percentage of the students and to achieve 50 percent placement record through campus placements for final year students.

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Department of Chemistry
Profile

Department of **Chemistry** was started in the year 1994, to meet the requirement of B.Sc. course students with Maths, Physics as other subjects in the combination. Between the years 2000 and 2003 new combinations were introduced. They are Chemistry, Botany and Zoology; Chemistry, Botany and Biotechnology; Chemistry, Zoology and Biotechnology; Chemistry, Biotechnology and Biochemistry; Chemistry, Microbiology and Biotechnology. Number of faculty members increased from two in 1994 to five as on date.

The department provided quality education to students by conducting three unit tests, mid-term and pre final examinations. Assignments and track examinations are conducted to improve their abilities. The department was equipped with four laboratories with all necessary chemicals, glassware and equipment. The department provides support to the students to do mini projects to improve their skills in chemistry. The photographs of famous scientists adorn the walls in the laboratories to familiarize the students with great discoveries they made for the welfare of the society. There is an internet facility also for the students and faculty. Student seminars are conducted regularly. Students participate in A.P. Science Congress and other national seminars.

Department is striving hard to achieve good results. Number of students with Chemistry combination are getting selected in jobs in reputed companies through placement drives organised by the career guidance and placement cell ot the college.

Evaluative Report of the Departments

1. Name of the department : **Chemistry**

2. Year of Establishment : 1994

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Under Graduate

4. Names of Interdisciplinary courses and the departments/units involved
    Maths, Physics, Botany, Zoology, Biotechnology, Biochemistry & Microbiology.

5. Annual/ semester/choice based credit system (programme wise) : Annual System

6. Participation of the department in the courses offered by other departments
    Yes. Maths, Physics, Botany, Zoology, Biotechnology, Biochemistry & Microbiology.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
    Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Category of post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	3	3

10. 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 4 years
Sri.Ch.Venkata Kishore	M.Sc, M.A, PGDES	Asst.Prof	Env.Chem	8	Nil
Smt.L.Uma Tulasi	M.Sc	Asst.Prof	Applied Chem	13	Nil
Sri.K.Kirshna Mohan	M.Sc	Asst.Prof	Org.Chem	13	Nil

11. List of senior visiting faculty
  v) Dr.K.G.Venu, Reader, Dr.V.S.Kirshna Govt.Degree College,Vsp
  vi) Sri.A.B.Nageswar Rao, B.V.K.Degree College, Vsp

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise) : 52: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of Post	Sanctioned	Filled
Administrative		
Technical	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
  P.G – 3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: - **2**
  ∗ a) Publication per faculty
  ∗ Number of papers published in peer reviewed journals (national / international) by faculty and students
  ∗ 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.)
  ∗ Monographs
  ∗ Chapter in Books
  ∗ Books Edited
  ∗ Books with ISBN/ISSN numbers with details of publishers
  ∗ Citation Index
  ∗ SNIP
  ∗ SJR
  ∗ Impact factor
  ∗ h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
 a) National committees - Nil
 b) International Committees - Nil
 c) Editorial Boards…. – Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme - Nil

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department
   iii) Dr.K.G.Venu, Reader, Dr.V.S.Kirshna Govt.Degree College,Vsp
   iv) Sri.A.B.Nageswar Rao, B.V.K.Degree College, Vsp

25. Seminars/ Conferences/Workshops organized & the source of funding
   a)National - Nil
   b)International – Nil

26. Student profile programme/course wise:

B.Sc Chemistry	Applications Received	Selected	Enrolled		Pass Percentage
			Male	Female	
2007 – 08	108	108	62	46	75
2008 - 09	78	78	46	32	86
2009 – 10	94	94	34	60	75
2010 – 11	98	98	36	62	30
2011 – 12	72	72	39	33	53
2012 – 13	86	86	44	32	62
2013 – 14	117	100	56	44	52
2014 - 15	104	97	65	32	47

*M=Male F=Female

27. Diversity of Students

B.Sc Course with Chemistry combination	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
2007 – 08	95	5	Nil
2008 – 09	95	5	Nil
2009 – 10	95	5	Nil
2010 – 11	95	5	Nil
2011 – 12	95	5	Nil
2012 - 13	100	0	Nil
2013 – 14	98	2	Nil
2014 – 15	100	0	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student Progression	Against percentage enrolled
UG to PG	55
PG to M.Phil	Nil
PG to Ph.D.	Nil
Ph.D to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 20 10
Entrepreneurship / Self – employment	Nil

30. Details of Infrastructural facilities
   a) Library - There are 124 reference books in Central library and 30 reference books in Departmental Library.
   b) Internet facilities for Staff & Students - One Computer with internet facility
   c) Class rooms with ICT facility - No.
   d) Laboratories - 4 (well equipped)

31. Number of students receiving financial assistance from college, university, government or other agencies : 10

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil

33. Teaching methods adopted to improve student learning:
   Student seminars and assignments in addition to traditional method of class room teaching

34. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

35. SWOT analysis of the department and Future plans
   Strengths:
   o The admissions are comparatively much better than other colleges due to the location, infrastructure and other facilities available.
   o Availability of faculty for all the papers unlike the other colleges.
   o Well experienced and dedicated faculty.
   Weakness:
   • 60% of the students completed their prior education with telugu as medium of instruction and are now not able to follow the subject being taught in English.

Opportunities:
- There are number of good job opportunities in government sectors like APPSC, NTPC, HPCL, UPSC, etc.,
- The students can also opt for P.G studies.

Threats:
- There may be fall in admissions due to rise in the demand for technical courses in the coming years.
-

Future Plans:
- To increase the pass percentage of the students to 80 percent.
- To arrange guest lectures.
- To take up mini projects by students.
- To conduct student seminars.

***

Department of English (P.G)
Profile

The post graduate Department of **English** was established in the year 1999 and released 12 batches of students who are all well placed. The Department offers two year M.A. English course (offered) as per the curriculum framed by Andhra University, to which the college is affiliated. The course consists of four semesters and follows credit system based on the syllabus framed by A.U. which is revised in 2013.

The Department utilises the services of four qualified and experienced full-time faculty and a retired Professor of A.U. who teaches regularly on part-time basis. The Department aims at imparting knowledge and value based education and moulding the students to meet national and global competition. Students are trained in communication skills, soft skills and the linguistic and cultural skills are exposed to nuances of various countries across the world.

Apart from regular classroom teaching, students participate in classroom seminars (held on Saturdays). JAM sessions, peer teaching and interactive sessions are organized to encourage talent and to improve the skills of the students. The Department consists of a library with latest literary texts to promote reading habit among the students. Performance of the students is assessed through mid-semester and semester examinations. Prizes are awarded to the best performers in academics. The Department also conducts remedial classes simultaneously for the backward students to improve their level of performance. Based on their performance assignments are given and class tests are conducted.

In addition to regular classes, guest lectures by retired Professors of A.U. are arranged for the exposure of students to the teachers of their teachers. Students participate in the seminars, workshops and exhibitions organized by other colleges and Andhra University.

One of the best practices of the Department is to organize an annual event. From the year 2004, the Department has been conducting seminars, exhibitions, anecdote show and competitions in various events for the students of local colleges. In 2010, the Department celebrated its decennial for two days making the students enact skits, mime shows and mono action. Also the Department follows the unique practice of hosting a farewell lunch to the outgoing batch of students.

Staff of the Department participate and present papers in national and International seminars and publish papers in reputed journals and books. One staff member was awarded Ph.D. in the year 2011 and another is pursuing research work to procure Ph.D. degree. Teachers of the Department extend their service to other organizations such as Dr. L. B. College of education, School of Distance Education of A.U., Ignou Study Centre and are appointed as examiners at A.U. and Acharya Nagarjuna University.

In the coming years, the Department plans to 1) establish a Research Centre to enable students to pursue research under the guidance of senior teachers. 2) Start a journal

to encourage the latent literary talents. 3) Conduct an Add-On programme for the students of other Departments like the one conducted in the year 2010 and 4) improve the pass percentage of the students taking into account their current level of standard, which is lower than expected, due to their rural and regional medium background.

Evaluative Report of the Department

1. Name of the department : **English (P.G)**

2. Year of Establishment   : 1999

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters;   Integrated Ph.D., etc.) : Post Graduate

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions: Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	-	-
Associate Professors	1	1
Asst. Professors	4	3

10. 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 4 years
Dr.S.S.V.N.Sakuntala	M.A, Ph.D., PGDIL	Associate Professor	African Literature	13 yrs	-
Dr.K.Surela Raj	M.A., M.Phil, Ph.D., PGDIL, DIF	Asst. Professor	American Literature	9 yrs	-
Mr.G.Satya Praveen	M.A., PGCTE.,	Asst. Professor	ELT	3 yrs	-
Ms.Vasundhara	M.A	Asst.Professor		2 yrs	-

11. List of senior visiting faculty :
    (1) Prof.K.Lakshmi Devi
    (2) Prof.A.V.V.N.Swamy
    (3) Prof.K.Solomon Raju, all are Retired Professors of Andhra University

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : 10%

13. Student -Teacher Ratio (programme wise): 18:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. : PG – 4 Teachers; M.Phil – 1 ; Ph.D – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: **4**
      * a) Publication per faculty - **4**
        (1) Voice of Woman Consciousness, Alien Among Us; ISBN 978-81-7625-843-2 in 2008.
        (2) Womanism in Ngugis Devil on the Cross and wwapa's one is enough, Labyrinth: Literary Journal in Post Modernism, Vol. I, No.1, March, 2010.
        (3)Issues in Ethics and Animal Rights: An anthology : ISBN 978-81-89233-68-6 in 2011.
        (4) Woman who owns you? – ISBN 978 – 81 – 7625 – 846 – 3 in 2008
      * Number of papers published in peer reviewed journals (national / international) by faculty and students
      * 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.)
      * Monographs
      * Chapter in Books
      * Books Edited

∗ Books with ISBN/ISSN numbers with details of publishers - **4**
  ❖ Voice of Woman Consciousness, Alien Among Us; ISBN 978-81-7625-843-2 in 2008.
  ❖ (2) Womanism in Ngugis Devil on the Cross and wwapa's one is enough, Labyrinth: Literary Journal in Post Modernism, Vol. I, No.1, March, 2010.
  ❖ (3)Issues in Ethics and Animal Rights: An anthology : ISBN 978-81-89233-68-6 in 2011.
  ❖ (4) Woman who owns you? – ISBN 978 – 81 – 7625 – 846 – 3 in 2008

∗ Citation Index
∗ SNIP
∗ SJR
∗ Impact factor
∗ h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in :
   a) National committees - Nil
   b) International Committees - Nil
   c) c) Editorial Boards….- Nil

22. Student projects
   a) Percentage of students who have done in-house projects including inter departmental/programme : Not Applicable

   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : Nil

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department :
   • Prof.K.Lakshmi Devi
   • Prof.A.V.V.N.Swamy
   • Prof.K.Solomon Raju, all are Retired Professors of Andhra University

25. Seminars/ Conferences/Workshops organized & the source of funding
   a)National : Nil
   b)International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
2008 - 2009	NA	40	20 – 20	70.72
2009 -2010	NA	43	21 – 22	38.71

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
2010 – 2011	NA	36	17 – 19	38.2
2011 – 2012	NA	37	25 – 12	33.3
2012 – 2013	NA	39	21 – 18	40
2013 – 2014	NA	38	22 – 16	45.45
2014 – 2015	NA	23	13 – 10	71.42

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
M.A English	97%	3%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? – One student of 2010 – 12 batch cleared APSET in August,2012.

29. Student progression

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	5%
PG to Ph.D.	3%
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	- 70 – 80 %
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
    a) Library - About 1000 books in library and 300 books in departmental library.
    b) Internet facilities for Staff & Students : Yes
    c) Class rooms with ICT facility : Nil
    d) Laboratories – N.A

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures /   workshops / seminar) with external experts : Nil

33. Teaching methods adopted to improve student learning
Class room seminars, Peer teaching, Jam Sessions, Assignments and Tests etc.,

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans:
The department has been successfully training and moulding the students to develop their skills (soft and communicative) to choose a better career. The department aims at 100% pass percentage and plans to organize Seminars, Workshops, Add-on programmes and Quiz programmes for the students of M.A English course of other colleges.

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Department of Mathematics (P.G)
Profile

The **M.A./M.Sc.Mathematics** course was established in Dr.L.Bullaya College in the year 1994 under the headship of Dr.P.V.Krishnaiah,Retired Professor of Mathematics, Andhra University.

The two years course was started with an intake of 30 students and responding to a growing demand for the Subject, the college took initiative to increase the sanctioned intake, resulting an enhanced intake of 40 students from the academic year 2005-2006.

The Department has five full time faculty members of whom two are holding M.Phil. Two are working for Ph.D.Degree and other two are merely postgraduates with good teaching experience.

In the academic year 2010-11 & 2011-12 five students got distinctions with 9.33 as highest grade and two students got selected for jobs in Wipro and seven were selected for Cramsters.com and working as online tutors.

The Department has been receiving (235 till date) books from National Board of Higher Mathematics since 1997 to explore the subject knowledge as library resource. In addition to the regular teaching, the faculty feels accountability towards each student for which tutorials, Seminars and Quiz programmes are organized for the betterment of students. The Department celebrates teacher's day on 5th September in memory of **Dr. Sarvepalli Radhakrishnan** to inculcate the moral and social values among the students. Every academic year the Department organizes the birth anniversary celebrations of **Sri Srinivasa Ramanujan** as World Mathematics Day on 22nd December to honour great legend in mathematics which is an inspiration to the students. On this occasion seminars and guest lectures are arranged by the professors of Andhra University .**Dr. K. Venkateswarlu**, Professor of Addis Ababa University, Ethiopia, one of the former Head of the P.G. Department of Mathematics gave a guest lecture on 5th September 2011 on Boolean Algebra.

After completion of the course most of the students are working as lectures and teachers in various educational institutions with fine salaries that help not only to survive in their daily life but also as a resource to the national development.

Evaluative Report of the Departments

1. Name of the department : **M.A/M.Sc Mathematics**

2. Year of Establishment : 1994

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Post Graduate.

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions:Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	05	05

10. 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 4 years
B.Ramakrishna	M.Sc.,M.Phil	Asst.Professor	Pure Mathematics	07	Nil
G.Mark Elaizer	M.Sc.,B.Ed. (Ph.D)	Asst.Professor	Pure Mathematics	03	Nil
J.Trinadh	M.Sc.	Asst.Professor	Pure Mathematics	03	Nil
G.Ravikumar	M.Sc.	Asst.Professor	Pure Mathematics	08	Nil
B.Pardha Saradhi	M.Sc, M.Phil, (Ph.D)	Asst.Professor	Pure Mathematics	11	Nil

11. List of senior visiting faculty : Dr.K.Venkateswarlu(Professor)
Adisababa University,Ethiopia

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 16:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
P.G – 5; B.Ed – 1 & M.Phil-2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.)
    * Monographs
    * Chapter in Books
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards….- Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme – Nil

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies – Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department
    Dr.K.Venkateswarlu, Professor, Adisababa University,Ethiopia

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil
    b)International – Nil

26. Student profile programme/course wise:

M.A./M.Sc. Mathematics	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2007-2008	NA		07	07	46
2008-2009	NA	nil	Nil	Nil	42
2009-2010	NA	38	20	18	46
2010-2011	NA	29	09	20	46
2011-2012	NA	40	18	22	38
2012 – 13	NA	42	13	29	40
2013 - 14	NA	38	8	30	73
2014 - 15	NA	48	11	37	

   *M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
M.Sc Mathematics	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student progression	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	2 Nil
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
    a) Library - YES
    b) Internet facilities for Staff & Students - YES
    c) Class rooms with ICT facility - No
    d) Laboratories – N.A

31. Number of students receiving financial assistance from college, university, government or other agencies : 41

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil

33. Teaching methods adopted to improve student learning
    • Conducting   classroom seminars
    • Conducting remedial classes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

35. SWOT analysis of the department and Future plans
    • The department is competent to face any critical situation in the academic area.
    • The faculty members are curious on research and ready to take an admission in to the areas where they find opportunities.
    • The department is planning to conduct coaching classes for the students appearing for the examinations like N.E.T., S.E.T & GATE.
    • Every year the department conduct world mathematics day on December 22nd .

Department of Microbiology (P.G)
Profile

The Post-Graduate Department of **Microbiology** was started in Dr. L. Bullayya College in the year 2001 with the support of 3 faculty members and 24 students admitted through Andhra University Common Entrance Test. Two more teaching staff joined to strengthened the department in the following year and established as fully fledged department with total strength of students in two year M.Sc. course. The Department is located in the ground floor of Block – 5, with two classrooms, three laboratories and one staff room with all are necessary infrastructural facilities.

At present, five faculty members are working One Associate Professor, Dr. T. Lalitha Govardhan and three Assistant Professors, Sri K. Suri Babu, Dr. M. Sashi Prabha Sri J. Ganesh and One Teaching Associate, Ms.M.S.M.Karthika. They are specialized in teaching and research areas in various applied fields of Microbiology. In the academic year 2012-13 the total student strength in two years course is 42.

The Department is further strengthened by the recognition as 'Research Centre' in the year 2008, by the Andhra University, offering M.Phil and Ph.D. programmes. Under the guidance of Dr. T. Lalitha Govardhan, 6 Research scholars have been admitted for M.Phil & Ph.D. degrees through Andhra University Research Common Entrance Test. They are actively engaged in Research activities in various areas such as Microbial Enzymes and Microbial Biodegradation. Original research papers are published in scientific journals and presented research papers in conferences and symposia. Research Lab was established with necessary infrastructure, equipment, culture media, chemicals etc. Dr. Sashi Prabha present faculty member and first batch student of the department awarded Ph.D., in Botany by Andhra University, in June, 2012.

Department crossed one milestone of having completed ten years. Eleven batches have successfully completed two years M.Sc. course with remarkable consistent pass percentage of 100% every year. The results are outstanding with 40percent distinctions & 50percent first classes in every batch. First batch student got 3rd rank in the University with distinction in 2003 and 7th & 8th University ranks in 2011.This year, 2012 R. Bharathi secured First rank in Andhra University, Muneera Third rank and C. Sowmya Tripathy Fourth rank out of Three Thirty Microbiology students of University campus and Twenty Two affiliated PG Colleges offering Microbiology course.

The Department organized Seminars/Awareness programmes/ Medical camps/Exhibitions in 2003 on AIDS; 2006 on 'Chikungunya epidemic' and 2009 on 'Swine flu pandemic'. In December 2011, a National seminar was organized on "Microbial Technology for Environment Protection" as part of (Decennial celebrations).

Faculty members, research scholars and students regularly participate in national and international seminars/conferences and workshops and won prizes and medals. Many students got employed in research labs, pharma companies, food industries, banks and educational institutions. Some are pursuing higher studies in USA, MS degree in IITS and Central Universities in India.

Library has a stock of 164 titles & 531 Volumes of text books and reference books and 12 research journals are subscribed to strengthen the academic pursuit of students, scholars and faculty. Computer with internet facility is also available.

Labs are equipped with Laminar air flow, Trinocular, Binocular Microscopes, Autoclaves, Shaking Incubator, BOD Incubator, Bacteriological Incubators, Refrigerators, PH meters, Colorimeters, UV Spectrometer, Ultra Centrifuge, Deep freezer, Deep freezing centrifuge, Electrophoresis Units, UV transilluminator, Electronic balance, Distillation Unit, Water bath etc.

Quality teaching is provided to previous and final M.Sc. students with visual aids like Over Head Projector, Power Point Presentations and animation films. Comprehensive training in basic Microscopic and Cultural methods and also in advanced Molecular Techniques provided to the students. Guest lectures and seminar programmes are included in the curricular activities. Industrial visits and Mushroom Culture training programmes are also organized.

The department received Best Performance Award in the year; 2011 – 12, as recognition of excellent overall performance among all Post Graduate departments in the campus. Two of the faculty members Sri.K.Suri Babu and Dr.M.Sashi Prabha received Best Teacher Awards for the same year.

Evaluative Report of the Departments

1. Name of the department **: PG Microbiology**

2. Year of Establishment : 2001

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : PG, M Phil, Ph D

4. Names of Interdisciplinary courses and the departments/units involved : Semester

5. Annual/ semester/choice based credit system (programme wise) : Nil.

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors		
Asst. Professors	03	03
Teaching Associate	01	01

10. 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 4 years
Dr. K. Suri Babu	M.Sc, M.Phil, MCA, Ph.D	Asst. Professor	Industrial Microbiology	10	
Dr M Sashi Prabha	MSc, MPhil, Ph.D	Asst. Professor	Immunology	09	_____
J. Ganesh	MSc	Asst. Professor	Molecular Biology	07	_____
K.S.M.Karthika	M.Sc M.Phil	Teaching Associate	Food Microbiology	01	-

11. List of senior visiting faculty : Nil.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : 20%.

13. Student -Teacher Ratio (programme wise) : 10 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of the Staff	Sanctioned	Filled
Academic Support Staff (Technical)	-	-
Administrative Staff	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
P.G – 4; M.Phil – 3; Ph.D – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil.

18. Research Centre /facility recognized by the University
M.Phil and Ph.D by Andhra University.

19. Publications:
   * Publication per faculty – Eight (08) Dr. T. Lalitha Govardhan-03, K. Suri Babu-03, Dr.M.Sashi Prabha- 03
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in
    a) National committees – Nil.
    b) International Committees – Nil.
    c) Editorial Boards….- Nil.

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme – 30%

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - 70%

23. Awards/ Recognitions received by faculty and students
    ❖ Prizes in seminars presentations & essay competitions.
    ❖ 2 – Best Teacher Awards & Best Department Award in 2011 – 12.

24. List of eminent academicians and scientists/ visitors to the department
    1) Dr K. Santha Kumari, Professor, Andhra Medical College, Vsp.
    2) Prof. M. Gopal Reddy, Osmania University, Hyd.
    3) Prof. KPJ Hemalatha, A.U., Vsp.
    4) Prof. EUB Reddy, A.U., Vsp.
    5) Prof. T. Govardhan Reddi, A.U., Vsp
    6) Prof. T. Raghava Rao, A.U., Vsp.
    7) Prof. G. Subba Rangaiah, A.U., Vsp.
    8) Prof. T. Ramana, A.U., Vsp.
    9) Prof. K.Sujatha, A.U., Vsp.
    10) Prof. C. Vijaya Lakshmi, A.U., Vsp.
    11) Prof. I. Bhaskar Reddy, GITAM University, Vsp.
    12) Prof. B. Prasanna Kumar NATCO, Hyd.
    13) Dr. P. Appa Rao, Andhra Medical College, Vsp.

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - 1) SWINE FLU PANDEMIC in 2009.
                 2) MICROBIAL TECHNOLOGY FOR ENVIRONMENT
                    PROTECTION in 2011.
    b) International – Nil.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
2007 – 08	31	31	14 - 17	100
2008 - 09	32	32	8 - 24	100
2009 - 10	33	33	8 - 25	100
2010 - 11	34	34	8 - 26	100
2011 - 12	33	33	8 - 25	97
2012 - 13	32	32	8 - 24	100
2013 - 14	11	11	5 - 6	80
2014 - 15	8	8	1 - 7	87.5

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2008 - 09	90	10	Nil
2009 - 10	90	10	Nil
2010 - 11	90	10	Nil
2011 - 12	90	10	Nil
2012 - 13	100	Nil	Nil
2013 – 14	100	Nil	Nil
2014 - 15	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
   GATE - one per year.

29. Student progression

Student progression	Against % enrolled
UG to PG	-
PG to M.Phil.	01
PG to Ph.D.	03
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	15 55
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
   a) Library - yes - 164 Titles, 530 Volumes, 12 Research Journals
   b) Internet facilities for Staff & Students - yes- 01
   c) Class rooms with ICT facility – Nil.
   d) Laboratories – Three (03)

31. Number of students receiving financial assistance from college, university, government or other agencies : 50%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   • Attended & Presented research papers in Seminars/ Workshops/Exhibition.
   • Arranged local industrial visits & Mushroom culture training programmes.

33. Teaching methods adopted to improve student learning
     OHP/PPTs/Animation Films/LCD presentations.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
     Medical Camps – Free homeo medicines distribution for Chickungunya Epidemic
     and Swine flu Pandemic in association with AYUSH, Govt. of AP in 2009&2011.

35. SWOT analysis of the department and Future plans

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Department of Biochemistry (P.G)
Profile

The department of **Biochemistry** in Dr Lankapalli Bullayya College affiliated to Andhra University, was started in the year 2002 with an intake of 23 students and three faculty members. Present intake of students is 36 and there are five qualified and well experienced faculty members, of whom three are Doctorates with several publications in national and international journals to their credit. So far the department successfully turned out 10 batches of students of M.Sc program of two years from this institution.The average pass percentage is above 90%.

After completion of their course several students secured jobs in reputed organizations such as Biocon, Dr. Reddy's labs, Indian immunological Ltd, Aurobindo Labs, Hetero labs, Matrix and Neuland Labs etc.

So far three students have qualified in UGC/CSIR NET. Two students qualified in the entrance examination for admission into Ph.D program conducted by JNU Delhi, Central University Pondicherry and have taken up research work. Two students are also pursuing research in Regional Research laboratory of ICMR situated in Andaman & Nicobar Islands and National University of Singapore.

The Department has two well equipped laboratories and one instrumentation room which houses major equipments like Orbital shaker, UV-Visible spectrophotometer, cooling centrifuge, deep freezer, laminar airflow etc. Over the years the department has procured valuable text books and reference books which include books of both Indian & Foreign publication. There are 460 copies of text books related to Biochemistry in the central library. The Dept. is also subscribing NATURE Journal to cater to the needs of the students.

The department has organized several seminars and guest lectures by renowned persons from reputed Institutes like IISC Bangalore, TCS etc. The students actively took part in the seminars conducted by our college and other colleges and bagged prizes in various events. The Department also organized a medical camp for all the campus colleges and an awareness programme on "Diabetes Mellitus" on 4th March 2011.

The faculty members help the students in doing projects in reputed institutes like IICT, Dr.Reddys Labs , GM Reddy Research Foundation, Aurobindo Laboratories, Santa Biotech, AP Forensic Science Laboratory etc.

The Department has also won the Best Department Award among the Post Graduate Departments during the academic year 2009-2010 and three faculty members also received Best Performance Awards from the college management in the same year. Dr.G.V.Sakuntala, Head of the Department received Best Performance Award for three years consecutively i.e., 2009 – 10, 2010 – 11 & 2011 – 12 and another faculty member Dr.V.Varahala Rao received Best Performance Award in the year 2011 – 12 for his overall performance.

Evaluative Report of the Departments

1. Name of the department : **Biochemistry**

2. Year of Establishment : 2002

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : M.Sc (Biochemistry)

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester system

6. Participation of the department in the courses offered by other departments
    Eligible faculty members are working as examiners in M.Sc Biotechnology practical exams conducted by Andhra University.

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	01	01
Assistant. Professors	04	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Yrs of Experience	No. of Ph.D. Students guided for the last 4 years
Dr G. V.Shakuntala	M.Sc, Ph.D	Associate Professor	Enzymology	11	Nil
Dr V. Varahalarao	M.Sc, Ph.D	Assistant Professor	Plant biochemistry	11	Nil
Mrs.M.Sunita	M.Sc	Assistant Professor	---	7	Nil
Mrs.R.Swapna	M.Sc	Assistant Professor	---	6	Nil
Dr K Geetha	M.Sc, Ph.D	Assistant Professor	Enzymology	1	Nil

11. List of senior visiting faculty
   a. Dr. C Uma Maheshwara Rao, Senior Bioinformatician of Advanced centre for technology, TCS , Hyderabad gave a talk on "Bioinformatics "on 19-07-2008
   b. Prof.D.N.Rao from the Dept. of Biochemistry, Indian Institute of Science, Bangalore gave a guest lecture on "Genomics of Restriction modification enzymes "on 23-01-2010.
   c. Prof D.Sivaprasad, Department of Biochemistry, Andhra University gave lecture on "Regulatory Enzymes" on 13.10.10
   d. Dr N .Srinivasarao (Retd Professor of Medicine), Andhra Medical College gave a talk on "Diabetes Mellitus" on 04.03.2011
   e. Dr P.Subashini Devi, Assistant professor, Department of Biochemistry, Andhra University gave a talk on " Recent developments in plant Tissue culture Techniques" on 02.03.12.
   f. Prof.N.Kalpana Subramanyam, Principal, Andhra Medical College delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.
   g. Mr.Sai Nandeshwar, Assoiate Director, SEZ Projects, Dr.Reddy's Laboratory delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 9:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category of the Post	No of Posts Sanctioned	No of Posts filled
Academic support staff (technical)	01	01
Administrative staff	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    Ph.D - 3, PG - 5

16. Number of faculty with ongoing   projects from   a) National b) International funding   agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications - *35*
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.)
    * Chapter in Books
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards….
    * Dr.V.Varahala Rao is a member of Editorial Board of a Research Journal in pharmaceutical sciences, Noida.,
    * Pharmocophore Journal, Delhi
    * International Journal of Applied pharmaceutical Sciences and Biomedical Science ,Delhi
    * International Journal of Integrative sciences, Innovation and Technology (IJIIT) Ethiopia,East Africa.

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme - 5
    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : 95.

23. Awards/ Recognitions received by faculty and students
    - Three faculty members received Best Performer Awards for the year 2009 – 2010 from the Management.
    - One Faculty Member received Best Performer Award for three consecutive years i.e., 2009 – 10, 2010 -11, 2011 – 12.
    - Another faculty member received Best Performer Award for the year 2011 – 12.

24. List of eminent academicians and scientists/ visitors to the department
    a. Dr. C Uma Maheshwara Rao, Senior Bioinformatician of Advanced centre for technology, TCS , Hyderabad -19-07-2008
    b. Prof.D.N.Rao from the Dept. of Biochemistry, Indian Institute of Science, Bangalore -23-01-2010.
    c. Prof D.Sivaprasad, Department of Biochemistry, Andhra University - 13.10.10
    d. Dr N .Srinivasarao (Retd Professor of Medicine), Andhra Medical College- 04.03.2011
    e. Dr P.Subashini Devi,Assistant professor, Department of Biochemistry, Andhra University - 02.03.12
    f. Prof.N.Kalpana Subramanyam, Principal, Andhra Medical College delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.
    g. Mr.Sai Nandeshwar, Assoicate Director, SEZ Projects, Dr.Reddy's Laboratory delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National – Nil   b)International – Nil.

26. Student profile programme/course wise:

M.Sc Biochemistry	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2007-2008	34	34	17	17	87.50
2008-2009	32	32	11	21	96.90
2009-2010	33	33	13	20	90.00
2010-2011	31	31	18	13	100.00
2011-2012	31	31	06	25	86.60
2012 - 2013	13	13	8	5	94

M.Sc Biochemistry	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2013 – 14	13	13	8	5	100
2014 – 15	3	3	-	3	100

*M=Male F=Female

27. Diversity of Students

Name of the Course M.Sc Biochemistry	% of students from the same state	% of students from other States	% of students from abroad
2007-2008	99	1	Nil
2008-2009	100	Nil	Nil
2009-2010	100	Nil	Nil
2010-2011	99	1	Nil
2011-2012	100	Nil	Nil
2012 - 2013	100	Nil	Nil
2013 – 14	100	Nil	Nil
2014 – 15	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
   - CSIR-NET   : Two students/year from the year 2007-08 onwards
   - Civil Services : Two students are getting qualified in groups Conducted by Andhra Pradesh Public Service Commission

29. Student progression

Student progression	Against % enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	1
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	20 75
Entrepreneurship/Self-employment	5

30. Details of Infrastructural facilities
   a) Library - 460 Text books and 4 journals in the Central Library and 25 Text books and Reference material in the Departmental Library.
   b) Internet facilities for Staff & Students - Yes
   c) Class rooms with ICT facility - 02
   d) Laboratories – 03

31. Number of students receiving financial assistance from college, university, government or other agencies
50% students are receiving scholar ship from the Social Welfare Department.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
    a. Dr. C Uma Maheshwara Rao, Senior Bioinformatician of Advanced centre for technology, TCS , Hyderabad gave a talk on Bioinformatics" on   19-07-2008
    b. Prof.D.N.Rao from the Dept. of Biochemistry, Indian Institute of Science, Bangalore gave a guest lecture on "Genomics of Restriction modification enzymes "on 23-01-2010.
    c. Prof D.Sivaprasad, Department of Biochemistry, Andhra University gave lecture on "Regulatory Enzymes" on 13.10.10
    d. Dr N .Srinivasarao (Retd Professor of Medicine), Andhra Medical College gave a talk on "Diabetes Mellitus" on 04.03.2011
    e. Dr P.Subashini Devi, Assistant professor, Department of Biochemistry, Andhra University gave a talk on " Recent developments in plant Tissue culture Techniques" on 02.03.12
    f. Prof.N.Kalpana Subramanyam, Principal, Andhra Medical College delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.
    g. Mr.Sai Nandeshwar, Assoiate Director, SEZ Projects, Dr.Reddy's Laboratory delivered a lecture on "Future Challenges in Biochemistry" in a seminar held on 7th December,2012.

33. Teaching methods adopted to improve student learning
Class room teaching, Guest lectures and Interactive sessions.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans

   Strengths:
   The department has qualified and well experienced faculty members
   Laboratories are equipped with all necessary infrastructure
   Weaknesses:
   Number of students joining this course is fluctuating
   Students joining this course have poor communication skills
   Opportunities
   After completion of their course students can find placements in pharmaceutical and Biotechnology companies or can take-up research in universities or reputed labs.
   Threats
   The existence of life science departments in future is unpredictable as students opting to join professional courses is increasing.

Future Plans   :

- To improve the pass percentage of students by conducting class tests very frequently and providing study material to weak students.
- To improve communication skills of students by motivating them to join SDC Program.
- To make the students aware of the latest developments in the subject by organizing guest lectures more frequently.

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Department of Biotechnology (P.G)
Profile

The Post Graduate Department of **Biotechnology** was established in the year 2008 and it is the youngest life science department in the college . The department is located on the second floor of Block -5, with all the essential facilities and equipment for running the academic programme. . There are two classrooms and six laboratories with sophisticated instruments necessary for Biotech laboratories.

The Department has the advantage of highly qualified, dedicated and experienced faculty members: There are Associate and four Assistant professors and they faculty have attained doctorate, CSIR(NET) and M.Phils. Each of them have an experience of 10 years of teaching experience at post graduate level. Working together they ensure that every student is well taught, in theory and practical and healthy practices are adopted for continuous and comprehensive evaluation during the course.

 M.Sc Biotechnology course includes 14 theory and 7 practical papers and project work spread over 4 semester in 2 years period. The syllabus includes basics in cell biology, genetics, biochemistry, analytical techniques and applied aspects like plant, Animal, Medical and Industrial biotechnology papers are involved. Advanced subjects like Bioinformatics, and Environmental biotechnology are also added for its industrial match.

The present *student strength* is 46 (14+32) includes both the first and second year students. So far, three batches have successfully completed the course with 100 percent pass percentage every year. The results are appreciable with a good number of students securing distinctions and first classes.

Apart from classroom teaching, initiative is taken to guide students in getting through academics as well as other competitive exams. The team is also involved in conducting remedial classes, career counseling and guiding of students to carry out their project work Further their works are published in reputed Science journals. . There are 11 publications from the department. Active involvement of the faculty members has made the department to win prizes in paper and poster presentations. So far four guest lectures, one workshop, one quiz, and cultural and social work could be organized. The department has released Biotech Horizon, a campus journal useful to the scientific aspirants and the society . The department has the credit of finding a new strain of microbe in bioremediation which has been recognized and the Accession number provided by NCBI. Each year the 2nd year students are taken to industrial tours to Central marine fisheries research institute and Central institute of fisheries technology , Mushroom Cultivation, Brewery industries etc. to give them better exposure to better exposure to the practical aspects of Biotechnology.

The first batch of students was trained for completion of her projects at Indian institute of Technology(IIT), Kharagpur and department of Biochemistry, Madurai Kamaraj University. They have published research papers in reputed international journals. Some of them also won prizes in national and international seminars in paper and poster presentations. The second batch has also brought laurels to the department

by one student having been selected for Summer project, at the Indian institute of chemical biology, Kolkata.* Another student from the same batch got qualified in *TIFR* exams and is amongst the first 100 rankers selected for interview. Our students are leaving their footprints in DBT, CSIR and GATE exams. Present batches have been able to get placement through AU campus as well as Bullaya college campus selection. While from the previous batches 80% of the students have been employed in Research labs, pharma companies and corporate companies.

Evaluative Report of the Departments

1. Name of the department: **Biotechnology**

2. Year of Establishment : 2008

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   M.Sc. Biotechnology

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments :Nil

7. Courses in collaboration with other universities, industries, foreign institutions : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Assistant. Professors	05	05

10. 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 4 years
Mrs S.Sharmila Begum	M.Sc., M.Phil, CSIR(net), (Ph.D.,)	Asst.Prof.	Plant .Mol.Biotech	10	Nil
Ms.D.Aruna Kumari	M.Sc, (M.Phil)	Asst.Prof.	Biotechnology	9	Nil
Mrs.K.Rohini Kiran	M.Sc., (M.Phil), (Ph.D.,)	Asst.Prof.	Plant Biotechnology	8	Nil
Dr.K.B.L.Jyothi	M.Sc., (Botany/Biotech), Ph.D., UGC (Net), B.Ed	Asst.Prof.	Biotechnology	12	Nil
Mrs.G.L.Supriya	M.Sc, (M.Phil)	Asst.Prof.	Biotechnology	8	Nil

11. List of senior visiting faculty
    - Prof T.Ramana Dept of biotech Andhra University
    - Prof A.Rama Rao Dept of Biochem, Andhra University

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	No of Posts Sanctioned	No of Posts filled
Academic support staff (technical)	01	01
Administrative staff	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
    P.G – 5; M.Phil – 1; Ph.D – 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil.

19. Publications:14 (Refer Annexure)
    * a) Publication per faculty
    * Number of papers published in peer reviewed journals (national / international) by faculty and students
    * 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.)
    * Monographs
    * Chapter in Books
    * Books Edited
    * Books with ISBN/ISSN numbers with details of publishers
    * Citation Index
    * SNIP
    * SJR
    * Impact factor
    * h-index

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil

b) International Committees - Nil
c) Editorial Boards…. - Nil

22. Student projects
  a) Percentage of students who have done in-house projects including inter departmental/programme – 3

  b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : 97

23. Awards/ Recognitions received by faculty and students
    NET 2 ,GATE 1 ,TIFR1 ,DBT-2

24. List of eminent academicians and scientists/ visitors to the department
    - Prof K Uma Devi Andhra university
    - Prof V.V.S Suryanarayana (Principal Scientist in Indian Veterinary Research Institute Bangalore)
    - Prof Roman Reddy Ganta Diagnostic Medicine College of Veterinary Medicine Kanstas University USA.

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National - Nil
    b)International – Nil

26. Student profile programme/course wise:

M.Sc Biotechnology	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2008 – 2010	27	27	8	19	96
2009 – 2011	33	33	12	21	100
2010 – 2012	31	31	11	20	94
2011 – 2013	32	32	12	20	
2012 – 2014					
2013 - 2015	6	6	-	6	100
2014 - 2016	10	10	5	5	100

   *M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
M.Sc Biotechnology	98	2	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
    NET 2 ,GATE 1 ,TIFR1 ,DBT-2

29. Student progression

Student progression	Against % enrolled
UG to PG	3
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	7 19
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities
    a) Library – 24 books in the Central Library, 18 books in the departmental library.
    b) Internet facilities for Staff & Students – Yes – 1 computer.
    c) Class rooms with ICT facility-
    d) Laboratories – Five (5)

31. Number of students receiving financial assistance from college, university, government or other agencies: 90% each year.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
    Workshop on the Topic – Advanced Technology in proteomics and genomics conducted on Jan 28-29, 2010
    Guest Lectures – 4 , Quiz competition and Journal Writings.

33. Teaching methods adopted to improve student learning
    • Class work theory involves teaching practices using black board teaching, use of OHPs and summary of the topic, at the end of each class.
    • Topics explained day to day science development, referring research development and current application in society.
    • Evaluation on regular basis by means of class test, assignments and seminars.
    • Remedial classes are taken for weak students.
    • Industrial tours to CMFRI and CIFT, Mushroom cultivation center are planned for better exposure.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
    • Workshop in advanced techniques in genomics & proteomics was conducted in the dept in collaboration with Helini biomolecules, Chennai on 28th & 29th Jan'2011.
    • Six students of 1st M.Sc Biotechnology along with the Head of the department Mrs S.Sharmila Begum, has presented their Exhibits at

department of Biotechnology, Andhra University in Andhra University academic exhibition during 12th -16th Feb'2011.

- The department of biotechnology organized Quiz competition on Life science and current affairs on 26th Feb'2011 for Life science PG students and prepared a copy of CSIR guidance book in this regard for students reference.

35. SWOT analysis of the department and Future plans

Strength
- Well equipped lab and experienced teachers.
- Innovative methods adopted in teaching. Like, industrial exposure is given to give a better understanding of the present and future prospect in planning of the career.
- Labs are conducted with research orientation.

Weakness
- Maintenance of labs and classrooms requires more supportive person separately employed for the proper functioning.
- Regular water problems encountered disturbs the continuity of practicals at time.

Future Plans:
- Guest lectures by industrial research scientist to be organized.
- Projects for students in the department and if permitted in industries.
- Showing better placements to our students through placements cell collaboration.
- Development of infrastructure both technically (Lab infrastructure) and classrooms with power point presentation. (PCR procurement)
- Workshop/quiz/journal writing programmed to be continued.
- Paper publication and development of research activities by individual faculty

***

Department of Organic Chemistry (PG)
Profile

The post graduate Department of **Chemistry** was established in the year 2003 with **Organic Chemistry** as specialization and a Strength of 24 students. The strength raised to 27 in the year 2005.In the year 2008, 6 more seats were granted making the total strength to be 33. At present the total intake is 36.

The Department has 6 faculty members; four specialized in Organic Chemistry, one in Inorganic Chemistry and one in Physical Chemistry. All the teachers are qualified and well experienced. They are associated with Department for the past five years. Three of the staff members have registered for Ph.D program at Andhra University. One of the staff members is qualified in NET and GATE. The Department has put forth a proposal to carry out a minor research project with the Management's support.

There are two laboratory assistants who are experienced and well trained in the work. The Department has four spacious and well equipped laboratories with sophisticated instruments like UV spectrophotometer , UV-VIS spectrophotometer, Flame Photometer, Dissolved oxygen Meter, Potentiometer, Conductometer, etc. The faculty members avail these Equipments to pursue their research work.

The college library has nearly thousand books of different branches of Chemistry. The Department also maintains a library for ready reference for the teachers and students. The Department has also computer with internet facility for the access of the teachers and students.

 Most of our students have settled in quality control, research and development Departments of reputed pharmaceutical industries like Dr.Reddy's, Aurobindo, Vimta etc. Recently two of our students were selected by Vimta as Trainee women scientist. One of our Students is placed in IGCAR Kalpakkam, Chennai as scientist. Our students have procured job through the interviews conducted at Andhra University campus.

Some students with flair for teaching got themselves qualified in DSC examination and settled as Government teachers. There are students who have settled as lecturers in affiliated colleges in and around Visakhapatnam.

The Department has organized a National seminar on "Analytical and synthetic strategies in Chemistry" in February 2010. The Department also arranges guest lectures by eminent Professors and industrialists to motivate the students. The management also encourages the staff members in attending and presenting papers in seminars organized by Andhra University and other affiliated colleges by funding for the same.

The students are permitted to do projects at reputed firms like Dr.Reddy's, Aurobindo etc during Christmas and summer vacation. This lays a strong foundation for them in procuring jobs. The students are also motivated to pursue higher studies in reputed institutions by qualifying in competitive examinations like CSIR NET. The faculty members guide the students in this regard

The students are given quality education which makes them strong in the subject and in all aspects. This would give them an opportunity to work in reputed firms. Students with good knowledge being placed in reputed firms add to development of the nation.

Evaluative Report of the Departments

1. Name of the department : **Organic Chemistry (PG)**

2. Year of Establishment : 2003

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): Post Graduate, Integrated.

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester.

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	06	06

10. 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 4 years
V.Subbalakshmi	M.Sc M.Phil,Pgdcaqm	Assistant professor	General Chemistry	17	Nil
M.Sujatha	M.sc.,M.Phil	Assistant professor	Organic Chemistry	15	Nil
Ch.Pandu Naidu	M.Sc .,Pgdcaqm	Assistant professor	Organic Chemistry,	9	Nil
B.Sudeer Kumar	M.Sc.,NET, GATE	Assistant professor	Organic Chemistry	8	Nil
V.Phani kumari	M.Sc.,B.Ed	Assistant professor	Inorganic Chemistry	6	Nil
D.Mallika	M.Sc.,M.Phil.	Assistant professor	Organic Chemistry	11	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise): 12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	No of Posts Sanctioned	No of Posts filled
Academic support staff (technical)	02	02
Administrative staff	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
PG – 6; M.Phil – 3; B.Ed – 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
   * a) Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * 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.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards…. – Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme - Nil.

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - - 30 percent.

23. Awards/ Recognitions received by faculty and students : Nil.

24. List of eminent academicians and scientists/ visitors to the department
Prof. A.S.N.Murty

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Analytical & Synthetic Strategies in Chemistry On 18th &19th Feb 2010 funded by the College Management.
b) International – Nil.

26. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled *M	*F	Pass percentage**
2007- 08	27	27	17	10	51.8
2008- 09	33	33	15	18	74.0
2009- 10	33	33	19	14	70.9
2010- 11	33	33	20	13	70.9
2011- 12	36	36	24	12	59.4
2012 - 13	36	36	16	20	28
2013 - 14	34	34	19	15	79
2014 - 15	32	32	15	15	

    *M=Male F=Female
    ** pertaining to previous batch.

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
M.Sc Organic Chemistry	100	Nil	Nil

28. How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc. ?
One student of 2008 – 09 batch Mr.S.Chandra Sekhar Reddy.

29. Student progression

Student progression	Against % enrolled
UG to PG	Nil
PG to M.Phil.	10
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	20 50
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
    a) Library – Yes.
    b) Internet facilities for Staff & Students – Yes.
    c) Class rooms with ICT facility – No.
    d) Laboratories – Four (04)

31. Number of students receiving financial assistance from college, university, government or other agencies : 80%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
    Special Lecture by Prof.A.S.N.Murthy, Retd.Prof, IIT, New Delhi.

33. Teaching methods adopted to improve student learning
    The students are advised subject from Internet. They are given access to internet facility in Computer laboratory.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.
    Nil

35. SWOT analysis of the department and Future plans
    Strengths

- Availability of faculty for all the papers unlike the other colleges.
- Well experienced and dedicated faculty.
- The admissions are comparatively much better than other colleges due to the location, infrastructure and other facilities available.

    Weakness

- 70 percent of the students completed their prior education with Telugu as medium of instruction and are now not able to follow the subjects being taught in English
- The admissions are open to life science students. They are not able

to cope up with the subjects which need a knowledge of Mathematics.

Opportunities

o There are number of opportunities for the budding chemists in the pharmaceutical industries and also in Government sectors like DRDO,NTPC , BARC, IGCAR etc.

o The students can also opt teaching as their career.

Threats

- There is a fall in admissions in other colleges in and around Visakhapatnam for the past two years due to the rise in the demand for professional courses. The same situation may arise in our college in the coming years.

Future plans

- To increase the pass percentage of the students to 75%

- To arrange guest lectures for each semester

- To guide the students appearing for competitive examinations like CSIR NET , GATE etc and increase the number of students qualifying in the same.

- To take up projects on water analysis.

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Department of Analytical Chemistry (P.G)
Profile

The post graduate Department of Chemistry was established in the year 2003 with **Analytical** Chemistry as specialization and a Strength of 24 students.The strength raised to 27 in the year 2005.In the year 2008, 6 more seats were granted making the total strength to be 33. At present the total intake is 36.

The Department has 6 faculty members, four specialized in Organic Chemistry,one in Inorganic Chemistry and one in Physical Chemistry. All the teachers are qualified and well experienced. They are associated with Department for the past five years. Three of the staff members have registered for Ph.D program at Andhra University. One of the staff members is qualified in NET and GATE. The Department has put forth a proposal to carry out a minor research project with the Management's support.

There are two laboratory assistants who are experienced and well trained in the work. The Department has four spacious and well equipped laboratories with sophisticated instruments like UV spectrophotometer, UV-VIS spectrophotometer, Flame Photometer, Dissolved oxygen Meter, Potentiometer, Conductometer, etc. The faculty members avail these Equipments to pursue their research work.

The college library has nearly thousand books of different branches of Chemistry. The Department also maintains a library for ready reference for the teachers and students. The Department has also computer with internet facility for the access of the teachers and students.

Most of our students have settled in quality control, research and development Departments of reputed pharmaceutical industries like Dr.Reddy's, Aurobindo, Vimta etc. Recently two of our students were selected by Vimta as Trainee women scientist. One of our Students is placed in IGCAR Kalpakkam, Chennai as scientist. Our students have procured job through the interviews conducted at Andhra University campus.

Some students with flair for teaching got themselves qualified in DSC examination and settled as Government teachers. There are students who have settled as lecturers in affiliated colleges in and around Visakhapatnam.

The Department has organized a National seminar on "Analytical and synthetic strategies in Chemistry" in February 2010. The Department also arranges guest lectures by eminent Professors and industrialists to motivate the students. The management also encourages the staff members in attending and presenting papers in seminars organized by Andhra university and other affiliated colleges by funding for the same.

The students are permitted to do projects at reputed firms like Dr.Reddy's, Aurobindo etc during Christmas and summer vacation. This lays a strong foundation for them in procuring jobs. The students are also motivated to pursue higher studies in reputed institutions by qualifying in competitive examinations like CSIR NET. The faculty members guide the students in this regard

The students are given quality education which makes them strong in the subject and in all aspects. This would give them an opportunity to work in reputed firms. Students with good knowledge being placed in reputed firms adds to development of the nation

Evaluative Report of the Departments

1. Name of the department : **Analytical Chemistry (PG)**

2. Year of Establishment : 2005

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Post Graduate; Integrated.

4. Names of Interdisciplinary courses and the departments/units involved : Nil

5. Annual/ semester/choice based credit system (programme wise) : Semester.

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions: Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	03	03 + 02*

* Two of the teachers of Organic Chemistry Department teach two papers of M.Sc I year Analytical Chemistry

10. 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 4 years
Sandhyarani Panigrahi	M.Sc.	Assistant professor	Analytical Chemistry	06	Nil
N.Sireesha	M.sc.	Assistant professor	Analytical Chemistry	05	Nil
S.Hemambika	M.Sc.	Assistant professor	Organic Chemistry,	05	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	No of Posts Sanctioned	No of Posts filled
Academic support staff (technical)	02	02
Administrative staff	Nil	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: PG – 3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
  * a) Publication per faculty
  * Number of papers published in peer reviewed journals (national / international) by faculty and students
  * 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.)
  * Monographs
  * Chapter in Books
  * Books Edited
  * Books with ISBN/ISSN numbers with details of publishers
  * Citation Index
  * SNIP
  * SJR
  * Impact factor
  * h-index

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in
   a) National committees - Nil
   b) International Committees - Nil
   c) Editorial Boards…. – Nil

22. Student projects
    c) Percentage of students who have done in-house projects including inter departmental/programme - Nil.

    d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - - 30 percent.

23. Awards/ Recognitions received by faculty and students : Nil.

24. List of eminent academicians and scientists/ visitors to the department
Prof. A.S.N.Murty

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Analytical & Synthetic Strategies in Chemistry On 18th
          &19th Feb 2010 funded by the College Management.
b) International – Nil.

26. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled *M *F		Pass percentage**
2007- 08	27	27	16	11	33.3
2008- 09	28	28	19	09	15.3
2009- 10	33	33	18	15	40.0
2010- 11	31	31	22	09	39.0
2011- 12	29	29	23	06	45.2
2012 - 13	27	27	18	09	28
2013 – 14	31	31	23	07	64
2014 – 15	16	16	12	03	

    *M=Male F=Female ** pertaining to previous batch

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
M.Sc Analytical Chemistry	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?
One student of 2006 – 08 batch Mr.Kishore Babu.

29. Student progression

Student progression	Against % enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	10
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	70 20 50
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
   a) Library – Yes.
   b) Internet facilities for Staff & Students – Yes.
   c) Class rooms with ICT facility – No.
   d) Laboratories – Two (02)

31. Number of students receiving financial assistance from college, university, government or other agencies : 80%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
   Special Lecture by Prof.A.S.N.Murthy, Retd.Prof, IIT, New Delhi.

33. Teaching methods adopted to improve student learning
   The students are advised subject from Internet. They are given access to
    internet facility in Computer laboratory.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :
   Nil

35. SWOT analysis of the department and Future plans
   Strengths

   - Availability of faculty for all the papers unlike the other colleges.
   - Well experienced and dedicated faculty.
   - The admissions are comparatively much better than other colleges due to the location, infrastructure and other facilities available.

   Weakness

   o 70 percent of the students completed their prior education with Telugu as medium of instruction and are now not able to follow the subjects being taught in English
   o The admissions are open to life science students. They are not able to cope up with the subjects which need a knowledge of Mathematics.

Opportunities
- o There are number of opportunities for the budding chemists in the pharmaceutical industries and also in Government sectors like DRDO,NTPC , BARC, IGCAR etc.
- o The students can also opt teaching as their career.

Threats
- There is a fall in admissions in other colleges in and around Visakhapatnam for the past two years due to the rise in the demand for professional courses. The same situation may arise in our college in the coming years.

Future plans
- To increase the pass percentage of the students to 75%
- To arrange guest lectures for each semester
- To guide the students appearing for competitive examinations like CSIR NET , GATE etc and increase the number of students qualifying in the same.
- To take up projects on water analysis.

Department of Computer Science (P.G)
Profile

Department of Computer Science in Dr. Lankapalli Bullayya College was established in the year 1994 by offering Master of Computer Application Program. This department has significantly improved its competence over the last eighteen years, and has now become a preferred destination for the students of various districts of Andhra Pradesh aspiring to pursue MCA program. The current permitted intake into MCA is 120. Of this, 84 students have been admitted through ICET counseling while the remaining 36 through management quota as per the guidelines specified by APSHC.

The objective of the department of computer science is to develop professional manpower needed by IT sector with skills that match the demands of global IT operations. Thus the main thrust of the Department is design and delivery of the program content that renders students to become professionals as required by the Industry.

Pedagogy:
MCA program is affiliated to Andhra University. Curriculum and examination related changes are carried out by the University and the last syllabus revision took place in the year 2004. Over the years, the department has built on its strength and maturity in terms of pedagogy and all other systems related to subject delivery.
Besides offering the regular curriculum, the department imparts additional knowledge through guest lectures, seminars and workshops within campus and also encourages students to participate in the events conducted by other institutions.
Keeping the ever evolving needs in view, Department of computer Science has identified the gap between the skill set needs of the industry and the skill set imparted by the University curriculum. The team has designed and packaged the Technical and Soft skills needed to fill the gap through Add-on programs. Implementation of these Add-on programs bridges the identified gap and this has resulted in higher confidence levels of students and also enabled them to face the challenges encountered in their professional and Personal life.

Infrastructure: The department is well equipped with computer, digital electronics and data communication laboratories needed for effective demonstration of practical applications of the theory learnt by the students. The department has a dedicated seminar hall equipped with LCD projector and audio system to facilitate effective conduct of seminars and guest lectures. Library is equipped with relevant Books, Journals and Periodicals. Internet facility with 2MBPS line is also made available to the students.

1. Contribution to National Development
The Department contributes to National Development by moulding the students into efficient work force ever willing to contribute to economic development as responsible citizens. Further, discussions, interactions and debates are held for the students to spread the concepts of social responsibility and civic sense and make them understand the democratic rights, duties and responsibilities from time to time.

2. Fostering Global Competencies among students

In the current Globalised scenario, Employees should keep pace with the challenges posed by ever changing expectations of clientele spread across the globe. Success in career which in turn contributes to the organization and the Nation is entirely dependent on the way business is conducted. Department of CS has recognized this need and helps students to attain global competency through the Add-on programs. As part of this, students are taught cross-cultural values, cross-cultural work ethics, positive attitude, business communication, self motivation etc., this makes the students employable with global competencies. Guest lectures are also arranged to students by experts drawn from industry/academic institutions at least once in a month.

3. Inculcating a value system amongst students

The students are prepared to think laterally and compete in the globalised scenario which is continuously evolving. Skill Development Classes are conducted in order to prepare the students to face the multi cultural, multi lingual, multi tasking business environment. Many Add on programs which can help the students are on the anvil. The students are motivated to participate in activities which enhance awareness on global peace. A strong Mentor-Mentee program in vogue helps build a self conscious student group.

Each student is guided and mentored continuously. This helps in building the personalities and raising the self confidence levels of students. The students are encouraged to volunteer in social work activities like teaching in orphanages, participating in environmental friendly programs like Green Revolution and in helping old age homes atleast twice in an year. Road safety precautions are regularly discussed in classrooms. The students also participate in blood donation camps and in programs involving planting of saplings on a regular basis.

4. Promoting the use of Technology

IT being the core area, the Department of CS has taken up automation of manual systems and training of the use of technology. As part of the initiative the following Software programs were developed to automate various manual processes.

Online Student examination system: This facilitates the conduct of objective type examinations to students in the campus. This is used during on-campus recruitment drives that take place in the college.

Online Student Feed-back system: IQAC is helped to collect feedback online from students on the quality of faculty, infrastructure and other facilities. Development of this Software program made the process easy, efficient and fast.

Student Fee tracking System: This Software program automates the processing and tracking of student fee payments into the bank. This helps the administrative department to handle financial matters with ease and efficiency.

This department utilizes audio and video technology extensively for subject delivery. All teachers and students use internet and digital library facilities. This department is striving to make the operational processes followed in the college paperless in the coming years.

5. Quest for Excellence

The department continuously strives for excellence by recruiting only talented faculty who are selected by a panel of elite academicians. Teacher's feedback system gives

scope for suggestions and advice for the improvement of faculty members. Review meetings with Secretary and Correspondent are conducted time and again to review the performance of the teachers and give them suggestions for improvement. The faculty are also encouraged to give feedback and suggestions for further development.

Evaluative Report of the Departments

1. Name of the department : **Computer Science (P.G**)

2. Year of Establishment : 1994

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Post Graduate

4. Names of Interdisciplinary courses and the departments/units involved : MBA

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments
MBA , MHRM , M Sc. (Bio.Tech.), B.Sc (CS)

7. Courses in collaboration with other universities, industries, foreign institutions: Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	01	01
Asst. Professors	12	12

10. 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 4 years
U.Padma Mohan	MCA, M.Phil	Associate Professor	Data Mining & Data Warehousing	20	-
N. Sridhar	MSc , M.Tech	Asst. Prof	Computer Organization	14	-
M.A. Prasad	MCA, M.Phil, M.Tech.	Asst. Prof	Database Management System	14	-
B.V.P. Latha	MSc, M.Tech	Asst. Prof	Network Security	8	-
S. Ravi Prasad	MSc, M.Tech.	Asst. Prof	Theory of Computation	8	-

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
K.Aruna Bhavani	MSc, M.Tech	Asst. Prof	Data Communication	8	-
T. Mohana Kumari	MCA , M.Tech	Asst. Prof	Software Engineering	7	-
S. Phani Kumar	MSc , M.Tech	Asst. Prof	System Programming	6	-
S.S. Reddy	MCA, M.Tech	Asst. Prof	Artificial Intelligence	6	-
Ch Srilatha	MCA	Asst. Prof	Artificial Intelligence	6	-
P Asha	MCA M.Tech	Asst. Prof	Image Processing	5	-
V Satish	MCA	Asst. Prof	Prog.Lang	3	-
T.S.S.J.Haranadh	MCA	Asst. Prof	Networking	2	-

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : MCA 15 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	Sanctioned	Filled
Technical Staff	02	02
Administrative Staff	04	04

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
M.Phil : 2 nos; P.G.s   : 13 nos

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications:
* a) Publication per faculty - 01
* Number of papers published in peer reviewed journals (national / international) by faculty and students
An Experimental Study of Load balancing performance on Web map services in Distributed Environment.
* 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.)
01 (International Journal of computer Information Systems, Vol – 2, No.5, 291)
* Monographs - Nil
* Chapter in Books - Nil
* Books Edited - Nil
* Books with ISBN/ISSN numbers with details of publishers
ISSN 22295208
* Special Issue - Nil
* Citation Index - Nil
* SNIP - Nil
* SJR - Nil
* Impact factor - Nil
* h-index - Nil

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
a) National committees - Nil
b) International Committees - Nil
c) Editorial Boards…. - Nil

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - Nil

23. Awards/ Recognitions received by faculty and students : Nil.

24. List of eminent academicians and scientists/ visitors to the department : Nil.

25. Seminars/ Conferences/Workshops organized & the source of funding
a)National - Nil
b)International – Nil

26. Student profile programme/course wise:

Name of the course / programme	Applications received	Selected	Enrolled		Pass Percentage
			M	F	
MCA	NA	76	40	36	81
MSC CS	NA	24	10	14	70

*M=Male F=Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other States	% of students from abroad
MCA	100	Nil	Nil
M. Sc.(Computer Science)	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	25 10
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
   a) Library

Total Plinth Area of the Library	2400 SFT
Total No. of Volumes	4197
Total No. of Titles	699
Total No. of Journals/Mags	21
Total Cost of the Books	11,77,997

b) Internet facilities for Staff & Students

Staff	10Mbps Dedicated Leased Line
Students	6 Hours per week

c) Class rooms with ICT facility - One
d) Laboratories   : Two Labs consisting of 117 Computers, One each for Digital
    Electronics, Microprocessor and Data communication.

31. Number of students receiving financial assistance from college, university, government or other agencies : 80 students.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Date	Topic	Industry	Industry Expert
20.07.2011	Understanding the placement scenario	Winzest	Vijay Pasupulati
30/07/2011	General	Kenexa	Chandu
9/8/2011	Importance in view of their forthcoming campus drives	Mahindra Satyam	Nagarjun, Asst.Vice President
19/8/2011	Possibilities of undertaking project work	Wells Forgo	Mr. Sudhakar Jelly
13/09/2011	21st Century Skills	Intel	Mr. Anil Kumar
22/09/2011	The Career Path Ahead	PENA4	Siva Bora
21/10/2011	Planning Of Software Career	Samudra Technologies	Peter Schene Berger

33. Teaching methods adopted to improve student learning
The Master of Computer Application Department offers best facilities for enhanced learning and development of application software. It regularly organizes guest lectures, seminars and workshops for academic enrichment of students. It also works to further the culture of entrepreneurship amongst the students. The students are guided, motivated and coached to prepare fee-tracking and student information systems and such other software applications as may be required in the college

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
    * The department is committed to technology deployment in its campus, and that is evident from the fact that many of the important tasks undertaken in the college incorporate one or the other tool of high end technology of

present times. Using Java and PHP software, the department has prepared a user-friendly employee software through which mails, updates, inter and intra departmental communication and leave requests can be processed.

∗ In a sincere attempt to save energy and evolve as a paperless College, all the major administrative jobs are being computerized and even examinations are conducted online wherever possible/feasible.

∗ Most of the students from the MCA department are selected and placed in major Organizations across the globe through on-campus and off-campus placement drives, thus contributing to the economy of the nation as a whole. Many students are absorbed through Sports quota in the MCA department and these students are also placed well in Government sector Offices.

35. SWOT analysis of the department and Future plans

The Management's initiative and support is the biggest strength of the Department. Faculty members are open to continuous learning and they undergo training from time to time to update themselves of the growing demands and changing trends. They are also keen on pursuing Research activity and 2 of them could secure M.Phil., in Computer Science. Latest technology is provided and E Journals are also subscribed for. Whenever weaknesses of the Department are perceived or observed, they are immediately noted and overcome. Workshops, seminars and conferences held in institutions in and around Visakhapatnam, the faculty and students are constantly encouraged and many times funded to attend such programs. The department has necessary facilities to carry out Research in the application software development.

CONSTRAINTS:

Students are weak in communication. It is being overcome by arranging classes in Skill Development Classes.

FUTURE PLANS:

- Meet with growing demands and strive for 100% placements.
- Empower students and help them to become self reliant entrepreneurs.
- Create a niche through original and innovative research.
- Development of ground breaking software models.

Department of Management Studies (P.G)
Profile

The Department of Management Studies, Dr. L. B. P.G College was established in the year 1995 with a batch of 30 students and over a period of time the Department has consolidated itself with intake enhancements and currently stands at 120 for PG and 90 for UG per batch. Going in tandem with the challenges in the industry the department constantly strives to reinvent itself in the path of excellence.

The Department has full-time faculty as required for both functional as well as specialization subjects. In addition to regular faculty, highly qualified and well experienced guest faculties are also invited for their expert guidance. The emphasis is given on learning cum training to produce leaders for tomorrow's business requirements. All the faculty members have their primary focus on strengthening the department through their research studies and also publishing various papers in national and international journals, presenting papers at national and international seminars on current contemporary business issues.

The students always show exemplary performance in the university examinations by scoring 100% results and good number of distinctions every year. Besides the regular curriculum, the students along with the efficient guidance from the faculty are also involved in co-curricular activities like inter college competitions and have constant interaction with the industry through seminars and workshops conducted on a periodical basis within the department and also by attending events organized in the constituent colleges in the university. Students are encouraged to exhibit their innate talents through various competitions conducted within the department. Students also bring laurels to the department by winning in many business competitions at regional and national level.

The placement cell runs concurrent to the department by inviting leading recruiters like CAPITALIQ, HDFC (LIFE), IDBI, BRANDIX, COGNIZANT etc., to the campus and by achieving a high success rate.

Evaluative Report of the Departments

1. Name of the department : **Department of Management Studies (P.G)**

2. Year of Establishment : 1995

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Post Graduate

4. Names of Interdisciplinary courses and the departments/units involved Accounting and Organizational Behavior classes for MCA Students

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments MCA Department

7. Courses in collaboration with other universities, industries, foreign institutions : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	2	2
Associate Professors	1	1
Assistant Professors	13	13

10. 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 Industry	Teaching	No. of Ph.D. Students guided for the last 4 years
Dr..K.V.S Patnaik	B.Tech, MBA, FIE,Ph.D	Professor	Marketing	29	5	Nil
Dr. G.S.K Chakravarty	MBA, Ph.D	Professor	Finance	17		Nil
Dr.R.V.H Srikanth	MBA, MPhil, Ph.D	Associate Professor	Marketing	5	9	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience Industry	Teaching	No. of Ph.D. Students guided for the last 4 years
Mrs.R. Anjana	MBA, MHRM, PGDFM	Assistant Professor	Finance, Human Resource Management & Marketing		9	Nil
Mrs.Rama Goswami	MBA	Assistant Professor	Finance& Human Resource management		7	Nil
Mrs.P. Nagavali	M.com, MBA	Assistant Professor	Finance& Human Resource management		7	Nil
Ms.P.V.S. Jyothi	MBA	Assistant Professor	Finance		6	Nil
Mrs.J.L. Purnima	MBA	Assistant Professor	Human Resource Management& Marketing		6	Nil
Mr.N.K.Mahesh	MBA (ICAI)	Assistant Professor	Finance& Marketing		5	Nil
Mr.K.Sriram	MBA	Assistant Professor	Finance& Marketing	2	5	Nil
Mrs.M.Surya Prabha	MCA	Assistant Professor	Computers		7	Nil
Mrs.K.Uma Nageswari	M Com, MBA	Assistant Professor	Finance& Marketing		5	Nil
Mr.Ch. Suresh	BTech, Mtech, MBA	Assistant Professor	Marketing	13	6	Nil
Mrs. Dasari vijaya Lakshmi	BCA, MBA, Mphil	Assistant Professor	HRM & Marketing		5	
Mr. M G S N S Aravind	BCom MBA	Assistant Professor	Finance& Marketing	2	4	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience Industry	Teaching	No. of Ph.D. Students guided for the last 4 years
Mrs.L Renuka	BPharm MBA	Assistant Professor	Finance& Marketing		11	Nil
Mr. G T Naidu	BSc MBA, Mphil	Assistant Professor	Marketing	2	7	

11. List of senior visiting faculty :   Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	Sanctioned	Filled
Technical Staff	2	2
Administrative Staff	4	4

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
P.G – 18; M.Phil – 2, Ph.D – 3

16. Number of faculty with ongoing projects from a) National b) International funding   agencies and grants received :Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications: Nil
* a) Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students – Nil.
* 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.) – Nil.
* Monographs – Nil.
* Chapter in Books – Nil.

      ∗ Books Edited   – Nil.
      ∗ Books with ISBN/ISSN numbers with details of publishers - Nil
      ∗ Citation Index - Nil
      ∗ SNIP- Nil
      ∗ SJR - Nil
      ∗ Impact factor - Nil
      ∗ h-index - Nil

20. Areas of consultancy and income generated : Nil

21. Faculty as members in
    a) National committees - Nil
    b) International Committees - Nil
    c) Editorial Boards….- Nil

22. Student projects
  a) Percentage of students who have done in-house projects including inter departmental/programme - 100
  b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - 20

23. Awards/ Recognitions received by faculty and students – Nil.

24. List of eminent academicians and scientists/ visitors to the department
    ∗ Mr. B. Raj Sekhar, Associate Professor, School of Management Studies, University of Hyderabad. Special lecture on "Quantitiative Techniques" on August 18, 2011.
    ∗ Mr.B.B.Rajendra Vardhanam, AGM, Visakhapatnam Steel Plant. Special lecture on "Talent Management" on October 20, 2011.
    ∗ Ms. Juliet Wurr, Public Relations Officer, American Consulate, Hyderabad. Special Lecture on 'Career choices for Management students in the United States" on November 17, 2011.
    ∗ Mr. B.Prasad, Associate Editor, "The Hindu", Visakhaptnam. Special lecture on "Applicability of statistics in Media", December 8th, 2011.
    ∗ Dr.Lakshmi Pathi Raju,Professor, Department of commerce and Management Studies, Andhra University. Seminar on Managerial Economics on February 3rd 2012.

25. Seminars/ Conferences/Workshops organized & the source of funding
  a)National - Nil
  b)International - Nil

26. Student profile programme/course wise:

Name of the course/programme/ MBA/year	Applications received#	Selected	Enrolled		Pass percentage
			*M	*F	
2007	24	18	11	7	100
2008	21	18	10	8	100
2009	28	18	12	6	100
2010	20	17	10	7	100
2011	48	33	19	14	100
2012	30	18	9	9	96
2013	52	36	20	16	100
2014	49	36	22	14	100

*M=Male F=Female
Applications received for 36 management quota

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
MBA	90	10	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	Nil
PG to M.Phil.	5
PG to Ph.D.	2
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	19 39
Entrepreneurship/Self-employment	2

30. Details of Infrastructural facilities

   a) Library

      Total No. of Volumes :   4963

      Total No. of Titles   :   992

      E – Journals   :   Online Package

   b) Internet facilities for Staff & Students

     2MBPS dedicated licensed line for staff and 4 hours per week for students.

   c) Class rooms with ICT facility – 1

   d) Laboratories - One Computer Lab.

31. Number of students receiving financial assistance from college, university, government or other agencies : 50

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- ❖ Mr. B. Raj Sekhar, Associate Professor, School of Management Studies, University of Hyderabad. Special lecture on "Quantitiative Techniques" on August 18, 2011.
- ❖ Mr.B.B.Rajendra Vardhanam, AGM, Visakhapatnam Steel Plant. Special lecture on "Talent Management" on October 20, 2011.
- ❖ Ms. Juliet Wurr, Public Relations Officer, American Consulate, Hyderabad. Special Lecture on 'Career choices for Management students in the United States" on November 17, 2011.
- ❖ Mr. B.Prasad, Associate Editor, "The Hindu", Visakhaptnam. Special lecture on "Applicability of statistics in Media", December 8th, 2011.
- ❖ Dr.Lakshmi Pathi Raju,Professor, Department of commerce and Management Studies, Andhra University. Seminar on Managerial Economics on February 3rd 2012.
- ❖ G.Vishnu, Commissioner, GVMC. Special lecture on "Social responsibility of emerging Managers" on March 6, 2012.
- ❖ Mr.Kamalakar, Regional head-Procurement, TVS motors,Hyderabad. Special lecture on 'Customer Relationship' on April 9,2012.
- ❖ G.Praveen Kumar,Faculty,IIE,Kolkata. Special lecture on 'Quality Management' on July 18, 2012.
- ❖ Pandha Chakravarthy, Head- Operation support services,AP Region, Nestle.   'Trends in operatation support services in the global market" on August 9, 2012
- ❖ Shyam Kumar Kolleru, Vice President (Business Development) Symbiosis Technologies on 'Scope for Managers in the IT sector' on August 18, 2012.
- ❖ Surendra Nuni, Manager, Axis Bank, Visakhapatnam on 'Role of Managers in Finance sector' on September 17, 2012.
- ❖ Mr. R.S.Ramanadhan, Branch Manager, Spencers' Retail, Visakhaptnam. Lecutre on 'Marketing techniques for Managers'on October 1, 2012.

33. Teaching methods adopted to improve student learning

The pedagogy of the department extends beyond class room teaching. Apart from routine class room sessions, power point presentations, workshops, field assignments and white paper presentations are held. A holistic approach based on

the understanding capability of the students is evolved each academic year and the same is scrupulously followed by the faculty with the support of the college management. Individual attention is provided to students through mentor-mentee relationship. The department has a seminar hall equipped with LCD projector, audio system to facilitate effective conduct of seminars and guest lectures. Library facility is also there with relevant books, Journals and Periodicals

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Corporate ethical practices are imparted to students on a continuing basis. As part of the curriculum, students learn social responsibility practiced in corporate offices. Further, discussions, interactions and debates are held for the students to create the awareness of individual social responsibility, civic sense and make them understand the democratic rights, duties and responsibilities from time to time. The department also encourages the students to understand and upkeep Indian tradition and culture through various activities. Values and self discipline are inculcated in the students to strengthen their character and turn them into responsible citizens to build up a strong nation. The Department extends support to the placement centre in conducting placement drives. The students are also groomed on entrepreneurial skills. All these contribute indirectly to the economic growth of the nation.
Students are prepared to laterally think and compete in the globalised scenario which is continuously evolving. Skill Development Classes are conducted in order to prepare the students to face the multi-cultural, multi-lingual, multi-tasking business environment. Add-on programs are conducted. Guest lectures are arranged to students by Industrial experts and subject experts at least once a month

35. SWOT analysis of the department and Future plans
STRENGTHS:
- A strong Mentor-Mentee program in vogue helps build a self conscious student group. Each student is guided and groomed by his mentor continuously. This helps in building their personalities and also in raising their levels of self confidence.
- A strong, competent and committed faculty with an urge to present papers in National and International forums gain sufficient exposure and help the students to benefit considerably from such activities. They are also encouraged to further their knowledge and competency.
- The department also encourages students to take up surveys and internships on a regular basis for enhanced learning.
- The department with faculty from diverse and lengthy Industrial/Organizational backgrounds also helps in transferring this vast experience to the students.
- The department consistently works on empowering students with employability skills such that they dare to unlearn, relearn and consequently evolve. This is done through exposure to various intra and inter collegiate Management activities, role plays, games and simulations through the explore club.
- The theoretical knowledge imparted through regular class work is bridged with practice and applicability through regular guest lectures by experts from the Industries.

- The department's versatile and flexible teaching pedagogy combines lecture-cum discussions, cases, role plays, self-learning projects/studies, field visits, group projects, and also independent research. However, the case based study is used as the main tool for reinforced conceptual understanding.
- The students are guided through their mandatory eight weeks summer internship at leading Industries/Corporates/Organizations by undertaking a project of their Specialization subject and of direct relevance to the concerned organization.
- Presentations by the students on the insights gained from classroom work, projects and assignments undertaken during the academic year are done on regular basis.

WEAKNESS:
- The general input of the students varies from year to year and pose a big challenge for the teachers to groom them to the level of employability.
- The skills possessed by the students expose their vulnerability in the job market and meticulous care is needed to develop them to catch up to the level of global standards.

OPPORTUNITY:
- Management education has gained more relevance and popularity of late and this opens up a wide arena of opportunity to increase our reach.
- Workshops, seminars and conferences are held in Institutions in and around Visakhapatnam which gives a good opportunity for the faculty and students to expose themselves to the changing face of Business World.
- The faculty and students are constantly encouraged and many times funded to attend such programs.
- The Department is also having all the necessary facilities to carry out Research and Development.

CONSTRAINT:
Lack of communication skills among the students is an inherent constraint perceived. Attempts are being made to provide the students with Skill Development Classes to overcome the same.

FUTURE PLANS:
1. Continuously evolve with the growing demands and needs and strive for 100 percent placement
2. Empower students and help them become self reliant entrepreneurs
3. Create a niche through original and innovative Research.

***

Department of M.H.R.M
Profile

The Department of **M.H.R.M** in Dr.Lankapalli Bullayya P.G.College was established in the year 2008. It offers two years regular post graduate course in Human resources Management. This department has been preparing young men and women for managerial and administrative positions in all management fields, especially in Human Resource Management in Industrial Business, Government and Organisations in the Service Sector. From the time of its establishment, the department has significantly improved in its competence over the five years, and has now become a preferred destination for the students from various districts of Andhra Pradesh aspiring to pursue M.H.R.M programme. The current permitted intake into M.H.R.M is 40.

The main purpose of the Master of Human Resource Management (MHRM) is to prepare students for professional positions and careers in HRM and to manage business, services and voluntary organization. The course is designed to sensitize and appreciate the role and responsibilities of a HR manager in a fast changing business environment both at the national and global level. The programmme with its practical, field orientation and behavioural thrust is intended to develop skills not only to understand and analyze problems but also to develop a problem solving approach to issues. Thus the main aim of the Department is to facilitate a sound theoretical base of various concepts and theories and to implant competencies in managerial, interpersonal and leadership, thereby developing multi facets of personality and a spirit for continual learning and innovation.

Pedagogy: M.H.R.M programme is affiliated to the Andhra University. Curriculum and examination related changes are carried out by the University and the last syllabus revision took place in the year 2005. The Department takes utmost care that the class room teaching activities are held without any instabilities and Participative teaching method is encouraged. Apart from class room teaching, it also focuses on Seminars and Guest Lectures by external Industry Professionals to impart multi faceted knowledge to the students. Regular Personality Development Sessions with active student participation in Power Point Presentations, Workshops, Paper Presentations, seminars, Debates and Case Studies are conducted. Important information and latest amendments are communicated to students through online and bulk SMS.

Field work which is a significant component of the curriculum skillfully bridges the gap between the theoretical and practical knowledge and helps the students to develop a skill set based on the needs of the Industry. The students are given proper Orientation before the Field work commences and are monitored from time to time by conducting Group Discussions on the activities of the various industries visited and the reports are thereby finalized. This enables them to understand the various Industry requirements and develop accordingly.

Infrastructure: The Department has well equipped class rooms and staff room with all the necessary amenities supported by round the clock internet facility and a well furnished library with latest collection of books and journals to enrich the knowledge base of the students. The Department with the use of contemporary computer lab equipment conducts the necessary evaluation and development sessions like psychometric tests etc. to the students; and with Seminar hall equipped with LCD projector facilitates interactive sessions.

1. Contribution to National Development

The Human Resource Managers are vital for National Development because they manage the technical, clerical and supervisory personnel which are crucial for maintaining industrial harmony, building capabilities and performance. Management Principles and practices are taught to incorporate good governance in the students. They are educated on management thoughts for upholding Indian culture and tradition and are sensitized to the requirements of the society by promoting corporate social responsibility concepts. The value based education imparted to them through Participative Teaching spreads the awareness of individual social responsibility and civic sense, thus enabling them to understand the democratic rights, duties and responsibilities. The Department makes it a point that the global corporate ethical practices are acquired by the students adequately during internship and finally prepares duty bound citizens thereby contributing to the national development.

2. Fostering Global Competencies among students

The students are enabled to develop a broad perspective of the management field by developing a sound theoretical base of various concepts and theories. The emphasis is on creating global competencies in multi environment with managerial skills, behavioral skills and knowledge in different functional areas of management with practical focus on HRM. The problem solving competence, interpersonal competence and leadership qualities are the core competencies which are focused. Furthering through personality development classes we promote self-confidence, and a spirit for continual learning and innovation.

3. Inculcating a value system among students

With the aid of Mentoring Programme the core value of being humane are inculcated within the student with emphasis on positive attitude, integrity, upholding professional ethics and values. Students are encouraged to write value based slogans at conspicuous places in college premises and are also motivated to participate in activities which enhance awareness on global peace. Road safety is regularly discussed in classrooms. The students also participate in blood donation camps.

4. Promoting the use of Technology

Students are encouraged to use technology instruments like LCD's, projectors etc. The use of technology is broad based and the Department of CS has taken up the automation of manual systems and training on use of technology to various employees on the campus. The Department of MHRM assists them in preparing the input and also in implementing each of these IT systems

Online Student examination system: This facilitates conduct of Objective type examinations to students in the campus. This has been used during some of the on campus recruitment drives that happened during the previous academic year.

Online Student Feed-back system: As a practice IQAC collects feedback from students on the quality of faculty, infrastructure and other facilities. Development of this Software program made this process extremely easy, efficient and fast.

Student Fee tracking System: This Software program automates the processing and tracking of student fee payments into the bank. This helps the administrative department to handle financial matters with ease and efficiency.

Sequence – Operational process work-flow software based on intranet.

Online Student Data Bank System: This facilitates storing and retrieving of student personal information as per the requirement.

5. **Quest for Excellence**

The Department strives to achieve the highest level of excellence in the field of HRM with emphasis on global standards and all round development. Well qualified and competent faculty forms the core team and regular assessments enhance their standards. The faculty are encouraged to present papers in National and International forums and also encouraged to give feedback and suggestions which are taken constructively for further Development. Best Teacher awards are given to encourage the faculty members.

Name of Faculty	Designation	Experience in Years	Qualification	Publications	No of Seminars/Work shops attended
A.Dhanaraju	Asst.Prof.	14	MHRM, MCom.		
P. Sravanthi	Asst.Prof.	4	MHRM, MBA		
G.Venkat Rao	Asst.Prof.	5	MHRM, MPhil	4	2

Evaluative Report of the Departments

1. Name of the department : **Master of Human Resource Management**

2. Year of Establishment : 2008

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : PG M.H.R.M Programme of 2 years

4. Names of Interdisciplinary courses and the departments/units involved Department of Management, Department of Computer Sciences

5. Annual/ semester/choice based credit system (programme wise) : Semester

6. Participation of the department in the courses offered by other departments : Nil

7. Courses in collaboration with other universities, industries, foreign institutions : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	5	5

10. 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 4 years
A. Dhanaraju	M. Com, M.H.R.M	H.O.D, Assistant Professor	H.R.M	14	NIL
G. Venkat Rao	M.H.R.M, M. Phil	Assistant Professor	H.R.M	5	NIL
D.Vijaya Lakshmi	MBA., M.Phil	Assistant Professor	HR & .Marketing	4	NIL

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) : 12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Name of the Category	Sanctioned	Filled
Academic Support Staff	0	0
Administrative Staff	4	4

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
P.G – 5; M.Phil – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil.

18. Research Centre /facility recognized by the University : Nil.

19. Publications:
   * a) Publication per faculty – 4
     Mr. G. Venkat Rao: Number of Publications: 2
        1. Peer reviewed Journals: 1
   * Number of Publications listed in International Data Base:1
   * Number of papers published in peer reviewed journals (national / international) by faculty and students - 2 by faculty.
   * 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.) - 1
   * Monographs - Nil
   * Chapter in Books - Nil
   * Books Edited - Nil
   * Books with ISBN/ISSN numbers with details of publishers - Nil
   * Citation Index - Nil
   * SNIP - Nil
   * SJR - Nil
   * Impact factor - Nil
   * h-index – Nil

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in
   a) National committees - Nil
   b) International Committees - Nil
   c) Editorial Boards…. – Nil

22. Student projects
    a) Percentage of students who have done in-house projects including inter departmental/programme - Nil
    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
       First Year – 100%; Second Year – 100%

23. Awards/ Recognitions received by faculty and students
    Faculty – Nil.
    Students - 8
    ➢ Cricket Inter-collegiate – State Level – Cricket Tournament – 2
    ➢ Cultural Inter – collegiate University Level Literary Meet – 6

24. List of eminent academicians and scientists/ visitors to the department
    ❖ Prof. K. Ramesh, Director, Faculty Development, Gitam University
    ❖ Mr. B. Srinivas Rao, Manager, Visakhapatnam Steel Plant
    ❖ Mr. Bala Krishna, Deputy General Manager (Corporate Social Responsibility), National Thermal Power Corporation- VIZAG
    ❖ Mr. Rajiv Rai – Employee State Insurance Corporation
    ❖ Mr. Ajeet Kumar, Regional Provident Fund Commissioner, Provident Fund Office
    ❖ Smt. Aruna Sree, Assistant Director, Central Board of Workers'Education
    ❖ Sri. Lakshmi Narasayya, Asst.Labour Commissioner, Dept of Labour, Andhra Pradesh.

25. Seminars/ Conferences/Workshops organized & the source of funding
    a) National: Nil
    b) International: Nil
    c) College Level: Nil

26. Student profile programme/course wise:

Name of the Course		Applications received	Selected	Enrolled		Pass Percentage
M.H.R.M	I Year	16	16	M: 6	F: 10	81.25%
	II Year	34	34	M: 16	F: 18	94.1%

*M=Male F=Female

27. Diversity of Students

Name Of the Course	% of students from the same State	% of students from other States	% of Students from Abroad
M.H.R.M	94	6	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? : Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil 10%
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities
a) Library – Yes, the Central Library has 13,789 books, of which there are 332 books and 2 Journals for H.R.M. Department
Department also has a Departmental Library with 20 books

b) Internet facilities for Staff & Students - Yes, Department has a Computer System with internet facility for staff and the students are allowed to use it whenever necessary
c) Class rooms with ICT facility - Yes
d) Laboratories- Yes

31. Number of students receiving financial assistance from college, university, government or other agencies
16 students of II M.H.R.M and 12 students of I M.H.R.M are getting fee reimbursements from government.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil.

33. Teaching methods adopted to improve student learning
    i. Participative Teaching Method
   ii. Regular academic- Industry Interaction
  iii. Field works

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOT analysis of the department and Future plans
Strengths:
  ➢ The Department has well qualified, eligible and experienced teaching staff
  ➢ Department has obedient and hard working students
  ➢ Faculty members maintain good relations with the University Professors which help out in conducting Guest Lectures and Seminars
  ➢ Department conducts Field visits every semester through which the faculty members establish interpersonal relationships with industry personnel and this

helps in getting employments to the students easily.
- ➢ Department assists in developing evaluation mechanisms for teaching staff and students

Weaknesses:
- ➢ Majority of the students are from Telugu medium background
- ➢ Majority of the freshers are from different disciplines and do not have even the basic knowledge in Business Environment.

Opportunities:
- ➢ Effective feedback system enables the staff to get appropriate suggestions from students
- ➢ Active involvement of the parents in the progression of the students
- ➢ Encouragement from college to complete doctoral degrees, conduct research and publish papers.
- ➢ Encouragement from Industries to conduct training programmes to their employees which enable the faculty to enhance their skills

Threats:
- ➢ Lack of proper awareness on the Course among the graduate level students
- ➢ Lack of Recognition from A.I.C.T.E
- ➢ More awareness to M.B.A when compared to M.H.R.M

Future Plans:
- ➢ To sustain 100% passes in academic examinations
- ➢ To improve placements of girl students
- ➢ To improve the working of mentoring cell and conduct meetings at least twice in a month
- ➢ To conduct 2 guest lectures and 2 seminars every year out of which at least one shall be a student seminar
- ➢ To conduct one workshop on contemporary HRM related topics every year
- ➢ To conduct group discussions regularly
- ➢ To secure 95% of attendance of students to classes
- ➢ To conduct Orientation classes for freshers
- ➢ To encourage all the faculty members to secure doctoral degrees
- ➢ To ensure that every faculty member publishes at least one paper in journal per year
- ➢ To introduce Add-on programmes to improve soft skills, behaviour skills and knowledge.

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