

**ANDHRA LOYOLA COLLEGE  
(AUTONOMOUS)**

**A College accredited by NAAC and a College with Potential for  
Excellence**



**ANNUAL QUALITY ASSURANCE REPORT  
2005 -2006**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)  
ANDHRA LOYOLA COLLEGE (AUTONOMOUS)  
VIJAYAWADA – 520 008  
ANDHRA PRADESH**

## **The Annual Quality Assurance Report (AQAR) of the Internal Quality Assurance Cell (IQAC)**

**Name of the Institution:**     **ANDHRA LOYOLA COLLEGE**  
  **(Autonomous),**  
  Ring Road,  
  Vijayawada – 520 008  
  Krishna Dt. Andhra Pradesh

**Year of Report: 2005 -2006**

### **Part A:**

**The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.**

1. Introduction of the **Choice-Based Credit System** – to provide broad-based multidisciplinary education with greater flexibility in the choice of courses
2. **Establishment of an English language laboratory** – to enhance the language skills of the students and there by their employability potential.
3. **Establishment of Interdisciplinary research laboratory** – to facilitate interdisciplinary research both among the UG and PG teachers and enable them apply the fruits of research to the societal needs through Lab-to-Land programmes.
4. To introduce **modern education technology** in the teaching, learning and evaluation – to make the teaching-learning process more learner-centered and dynamic and also to enhance the teacher’s teaching skills and his/her professional competence.
5. Introduction of **one more unit of National Cadet Corps (NCC)** – to bring in more number of students under the motto “Unity and Discipline”
6. Conducting **National seminars and state level seminars** at the department level to supplement the teaching learning process and expose the students and the staff to the latest trends in their respective fields of study.
7. Implementation of **minor research projects**
8. Introduction of **Academic Audit**

## Part B:

### 1. Activities reflecting the goals and objectives of the institution:

The primary objective of the college is to provide higher education in a most congenial atmosphere for the holistic development of all deserving students, irrespective of their caste and creed, with a preferential option for the poor, the underprivileged and Catholic Christian minority students. The college strives to achieve the Jesuit educational goal of "**forming men and women for others with competence, conscience and compassionate commitment.**"

In order to achieve the set objectives and goals, the College follows a multi-dimensional approach through:

#### Competence:

- To enhance the academic excellence of the students the **Choice-Based Credit System** was adopted in the academic year 2005 – 2006.
- To enhance the **technical competence** of the students, **knowledge-based and skill-based electives** are introduced under the subject electives.
- To enhance the competence of the students, the curriculum is modified through **regular Board of Studies** so as to make them socially relevant, regionally competent with global perspectives.
- Introduction of a **multidisciplinary programme** at the UG level with **Biotechnology, Zoology and Chemistry** combination, develop a high degree of technical competence in the students so as to enable them to secure gainful employment.
- Introduction of an **innovative programme in emerging areas – B.Sc Visual Communication with Electronics and Computer Science** with the financial assistance of the University Grants Commission

#### Conscience:

- The college focuses on academic excellence and technical competence, as mentioned above, but also **promotes human excellence**, which consists of **value formation** (Conscience) and Compassionate Concern, chiefly for the weak and the marginalized.
- The Value Education Course is updated by introducing **human rights education** keeping in view the requirements of the students.
- To promote the **faith formation** of all the students through joint religious celebrations, common prayer service and common retreats and recollections.

#### Compassionate Commitment:

- The college wants its **learners** not to be merely inward looking but to **reach out to the society**. Hence it tries to inculcate among students **social concern and commitment**, which will enable them to take public action on behalf of the poor later on in their different careers.
- This concern for the society is promoted through various **extension services** and **outreach programmes** like **Andhra Loyola Extension for Rural Transformation (ALERT)**, National Green Corps (**NGC**), National Cadet Corps (**NCC**) and National Service scheme (**NSS**).

Along its steep climb towards excellence, the college does meet with hurdles and obstacles from within and without. Nevertheless, in keeping with the Jesuit charism of **‘Magis’ - “Ever Greater”**, the College always strives to do things in an ever better way. This spirit is reflected in the **motto** of the Jesuit Order: **AMDG (Ad Majorem Dei Gloriam) – “for the greater glory of God”**.

## **2. New academic programmes initiated:**

Under the University Grants Commission scheme of **Innovative Programmes including Emerging Areas**, a job oriented **B.Sc** programme in **Visual Communication and Electronics and Computer Science** was started during this academic year. This was the first of its kind in the entire state of Andhra Pradesh.

Responding to the needs of the times, the College has also started a multidisciplinary **B.Sc** course in the latest area of **Biotechnology with Zoology and Chemistry** combination.

## **3. Innovations in curricular design and transaction:**

In the academic year 2005-06, the College introduced the **Choice-Based Credit System (CBCS)**. All Degree students are expected to put in a minimum of 138 Credits for the completion of the Undergraduate Course.

The main **objectives** of the CBCS are:

- To provide broad based education;
- To provide students with greater flexibility in choice of courses;
- To provide students a multidisciplinary curriculum;
- To enable students to choose courses at basic/advanced level;
- To enable students to acquire job oriented skills;

The CBCS has the following courses –

- Part I : I language English
- Part II : II language – Telugu / Hindi / Sanskrit / Any other language
- Part III : Foundations Courses – Indian Heritage & Culture, Science & Civilization, Environmental Education, Fundamentals in IT, Value Education.
- Part IV : ALERT (Andhra Loyola Extension Services for Rural Transformation)
- Part V : NCC/NSS/Sports & Games/Extra Curricular
- Part VI : Project Work
- Part VII : I General Elective & II General Elective
- Part VIII : I Major, II Major & III Major
  1. Subject Elective (Special) in each of the major in V Semester
  2. Subject Elective (Skill-based) in each of the major in VI Semester

In this Triple Major System, all students choose any one combination of three Major subjects offered. During the first two years, they learn **languages (Part I)**, the **Foundation Courses (Part II)**, and the **three Major Subjects (Part III)**. They also put in 60 Hours in ALERT, the Extension Activities besides involving themselves in any of the Extracurricular Activities like NCC/NSS/NGC/SPORTS/GAMES/AICUF, etc (Part IV).

The second year students, besides undergoing the regular curriculum, also choose one **General Elective (Part II)** cutting across their main stream. These courses are add-on, career-oriented courses that will make them more employable at the end of their Degree studies.

The third year students, besides studying their regular subjects, also pick up two **Subject Electives – one knowledge-based and another skill-based (Part III)** – in each of the three Major subjects. In order to make students research-oriented, all final year students are required to undertake a **Project Work (Part III)** and submit their Dissertation for Viva Voce. All these four parts are vital components of the Degree Curriculum under the CBCS.

In addition to the changes that were effected in the syllabi of various Subjects for all the years of the Degree in the background of the Choice Based Credit System, the various departments have also introduced new Papers, titles and topics in the Subjects as mentioned below:

**Department of Mathematics:** Introduced the syllabi recommended by APSCHE by rearranging the topics according to the students' need. The changes brought about are with regard to the second semester – Differential Equations, Sequences, Infinite Series. In first semester in Paper I, Differential Equations, 3-D Geometry, Real Number System and Laplace Transforms have been introduced.

**Department of Statistics:** Introduced two Certificate Courses viz. Descriptive Statistics, Statistical Methods that are independent with each other. It had also introduced the computer-oriented practicals with SPSS package for the final year students.

**Department of Electronics:** Introduced three subject electives for the final year students as part of the Choice Based Credit System viz. Microprocessor and Applications, Instrumentation and Industrial Electronics. The subject electives in the second year were Basics of Electronics and Instrumentation, Computer Electronics and Radio and TV.

**Department of Computer Science:** Introduced subject titles in all the semesters of the Degree course as per the requirements of the market demand.

**Department of History & Culture:** Introduced a general elective as a new paper titled Financial Markets. The titles of two papers in the 5<sup>th</sup> semester have been changed. In the final semester, two optional papers viz. Environmental History of India and History of Monetary Systems had been introduced.

**Department of Politics:** Introduced Regional Cooperation, European Union and SAARC as one of the chapters in the V Semester. In the III Semester, the general elective paper such as Human Rights and in the IV Semester Studies in Leadership has been introduced. Another optional paper viz. Management of Resources has been introduced in V Semester in addition to the International Relations.

**Department of Zoology:** Introduced a change in the syllabus for practicals.

**Department of Chemistry:** Introduced new syllabus in the theory and the practicals for the first year degree students.

**Department of Botany:** Introduced new syllabus for the first year in accordance with the Acharya Nagarjuna University Common Core syllabus which is in line with the Choice-Based Credit System.

**Department of English:** Introduced two subject electives, such as Fiction and American Drama, Indian Literature in English for V Semester.

**Department of Physics:** Introduced seminar topics in each paper for the improvement of the communication skills of the students and two simulation experiments in the first year practicals.

**Department of Commerce:** Introduced Marketing management and e-commerce as electives.

**Department of Economics:** Introduced “Economy of Andhra Pradesh” as IV paper in IV Semester for II B.A., and “Environmental Economics” as VII paper in VI Semester for III B.A. Two general electives have been introduced for II year students i.e. General Economics and E-Commerce.

#### **4. Inter-disciplinary programmes started:**

The new courses started in the last two years intertwined programmes with subjects such as **Biotechnology with Zoology** and **Visual Communication with Electronics & Computer Sciences**.

#### **5. Examination reforms implemented:**

As part of the examination reforms, many measures have been introduced:

- Allotment of Credits for the exams conducted for the Certificate Courses have been introduced
- The examination system has been made transparent by posting the results on the college web site.
- A Grievances Redress Cell is established to attend to the students’ problems.
- Group Projects with Viva Voce are undertaken by the Final Year students gain a research orientation.
- Oral exams (Mid I) are conducted for the blind.
- On-line exams are conducted for B. Com students on the “Tally” Paper.

## **6. Candidates qualified: NET/SLET/GATE etc.**

## **7. Initiative towards faculty development programme:**

For an educational institution to remain vibrant and effective in imparting quality education, it is essential that the teaching faculty keep growing in competence and commitment, employ innovative and imaginative pedagogy to ignite the young minds, show genuine interest in the total growth of students under their care, and evince a life-long thirst for expanding their knowledge and pursue their chosen line of research to contribute to the generation of new knowledge. The teachers are given incentive and encouragement to enhance their professional competence and qualifications.

### **A. Award of M.Phil.**

Mr.B.Prabhakar, Lecturer in Commerce, was awarded the M.Phil degree for his thesis on *Consumers Attributes Towards Selection of Two Wheelers* by Bharathidasan University, Tiruchirappalli.

### **B. Lecturers engaged in Ph.D.:**

1. Mrs.S.Baby Rani, Lecturer in Economics, is pursuing her Ph.D. at Acharya Nagarjuna University (ANU)
2. Mr. B. Raju, Lecturer in English - Dr.Ambedkar Open University
3. Mr. D. Nageswara Rao, Lecturer in Hindi –University of Hyderabad
4. Mr. N. Suresh Babu, Lecturer in Sanskrit – Acharya Nagarjuna University.
5. Mr. B. Elia, Lecturer in Zoology – Acharya Nagarjuna University.
6. Mr. B. Prabhakar, Lecturer in Commerce – Acharya Nagarjuna University.

### **C. Lecturers registered for M.Phil:**

The following lecturers have registered themselves for M.Phil programmes in the universities noted against their names.

1. Mr. R. Vijaya Kumar, Lecturer in English - Madurai Kamaraj University
2. Mr. M. Raja Ambedkar, Lecturer in English – Madurai Kamaraj University
3. Rev. Fr. D. Papaiah, S.J., Lecturer in English – Bharathidasan University
4. Ms. Praveena, Lecturer in English - Acharya Nagarjuna University (A.N.U.)
5. Mr.M. Srinivasa Rao, Lect. in Mathematics – Acharya Nagarjuna University.
6. Mr. K.T.S.S. Raju, Lecturer in Chemistry – Acharya Nagarjuna University.
7. Mr.T. Srinivasa Rao, Lecturer in Commerce – Acharya Nagarjuna University.

### **D. Guidance**

Rev Fr.Dr.S.Emmanuel, S.J., Lecturer in Botany, Dr P. Ramanujam, Reader in English, Dr.G.Srinivasa Rao, Head, Department of Physics, Dr.CH.Srinivasu, Reader in Physics, Dr.N.V.Ramana Murthy, Reader in Mathematics, Dr.G.Sambasiva Rao, Reader in Telugu and Dr.Ch.Sreeramachandra Murthy, Lecturer in Telugu, were guiding quite a good number of scholars of different universities in their M.Phil. and Ph.D. programmes.

### **E. Minor Research Projects**

Rev.Fr.Dr.S.Emmanuel, S.J. and Dr.J.Chandra Sekhar Rao of the Botany Department, Dr.N.V.Ramana Murthy, Reader in Mathematics, Dr.N.Srinivasa Rao, Lecturer in Statistics, Dr.G.Sambasiva Rao and Dr.CH.Sreeramachandra Murthy of the Telugu Department, Dr.G.Subrahmanya Sastry, Reader in Chemistry, have undertaken minor research projects funded by the University Grants Commission.

### **G. Refresher Courses:**

Many of our faculty members attended Orientation programmes, Refresher Courses and Training Programmes to keep abreast of the latest developments.

1. Mr.CH.Seshaiah, Lecturer in Mathematics, attended the *Refresher Course on Environmental Education* at A.N.U., Nagarjuna Nagar, from 01.12.2005 to 21.12.2005.
2. Mr.P.Venugopala Rao, Lecturer in Mathematics, attended the *Refresher Course in Computer Science & Engineering* at A.N.U., Nagarjuna Nagar, from 04.01.2006.
3. Rev Fr.G.M.Victor Emmanuel, S.J., Lecturer in Mathematics, attended the *Refresher Course in Computer Science & Engineering* at A.N.U., Nagarjuna Nagar, from 04.01.2006
4. Dr.N.Srinivasa Rao, Lecturer in Statistics, attended the *Refresher Course on Applied Stochastic Processes* at Indian Statistical Institute, New Delhi, from 05.12.2005 to 17.12.2005.
5. Mr.CH. Srinivasa Rao, Lecturer in Physics, attended the *Refresher Course in Physics* from 02.11.2005 to 24.11.2005 at the Academic Staff College, Osmania University, Hyderabad
6. Mr.M.Chimpiri Rao, Lecturer in Physics, attended the *Refresher Course in Physics* from 02.11.2005 to 24.11.2005 at the Academic Staff College, Osmania University, Hyderabad
7. Mr.V.Devasahayam, Lecturer in Physics, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
8. Mr.T.Sri Kumar, Lecturer in Physics, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
9. Mr.A.V. Ravi Kumar, Lecturer in Physics, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
10. Mr.D.Bala Karuna Kumar, Lecturer in Chemistry, attended the *Refresher Course on Environmental Education* at A.N.U., Nagarjuna Nagar, from 01.12.2005 to 21.12.2005.
11. Mrs.P.Anila, Lecturer in Chemistry, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
12. Mr.Y.Hanumantha Rao, Lecturer in Chemistry, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
13. Mrs.B.Siva Kumari, Lecturer in Botany, attended the *Refresher Course in Biotechnology* at A.N.U., Nagarjuna Nagar, from 21.12.2005.
14. Dr.M.Srinivasa Reddy, Lecturer in History, attended the *Refresher Course on Environmental Studies* at A.N.U., Nagarjuna Nagar, from 01.12.2005 to 21.12.2005
15. Mr.S.P.Rama Raju, Lecturer in Political Science, attended a three-week Refresher Course in Political Economy from 11.02.2006 at Academic Staff College, Andhra University, Visakhapatnam.



16. Mr.K.V.Vijaya Babu, Head, Department of Politics, attended the Refresher Course on “Quantitative Methods for Social Sciences” from 01.03.2006 to 21.03.2006 at A.N.U., Nagarjuna Nagar.
17. Mr.S.Yosebu, Lecturer in Economics, attended the Refresher Course on “Quantitative Methods for Social Sciences” from 01.03.2006 to 21.03.2006 at A.N.U., Nagarjuna Nagar.
18. Mr.B.Prasanth Kumar, Programme Officer, NSS Unit II, attended the 48<sup>th</sup> Refresher Course Program from 14.03.2006 to 18.03.2006 at A.N.U., Nagarjuna Nagar.

#### **H. Training programmes:**

1. Mr.T.Sri Kumar, Lecturer in Physics, attended “Southern Zone Master Resource Persons’ Training Programme” at Jawaharlal Nehru Centre for Advanced Scientific Research, Indian Institute of Sciences, Bangalore from 13.07.2005 to 15.07.2005.
2. Mr.B.Syam Sundar, Lecturer in Commerce, attended a ‘Quality Improvement Programme on Strategic Human Resources Management’ conducted by T.A.Pai Management Institute, Manipal from 17.10.2005 to 21.10.2005.
3. Mr.CH.Veeraiah Chowdary, Lecturer in Commerce, attended a training programme on *New Pedagogical Tools in Marketing* conducted by T A Pai Management Institute, Manipal, from 17.11.2005 to 21.11.2005.
4. Mr.R.Vijaya Kumar, Lecturer in English, attended a three-day training programme on *Colleges Talk AIDS Programme 2005* at AP Study Circle, Vijayawada from 12.12.2005 to 14.12.2005.
5. Smt G.Praveena, Lecturer in English, attended a three-day training programme on *Colleges Talk AIDS Programme 2005* at AP Study Circle, Vijayawada from 12.12.2005 to 14.12.2005.
6. Rev Fr.Dr.S.Emmanuel, S.J., Principal, attended a three day training programme conducted for the Principals of Acharya Nagarjuna University and Andhra University from 07.01.2006 to 09.01.2006 at Andhra University, Visakhapatnam.

#### **I. Staff Training on ICT:**

The staff have been trained in Information and Communication Technology to upgrade their teaching methodologies and skills. A few of them are well-versed in the preparation of digital lessons.

The College has organized a One-day Workshop for the staff on “The Monitoring of the Internal Assessment System”.

### 8. Total number of seminars/workshops conducted:

The departments of the college have organized and conducted a total of 45 seminars and workshops on a number of current topics and recent trends in their specific subjects for the students and staff. The details of the department, dates, type of seminar and theme for the seminars are given in the following table:

S.No.	Department	Date	Conducted	Theme
1	Faculty Team	16.06.2005	Seminar	Communication Skills
2	ALUMNI Association	01.08.2005	Seminar	Tradition & Culture of the College
3	Biotechnology	20.09.2005	GENEX - 05, a State level seminar	Microbial flora & fauna of Loyola College
4	Botany and Microbiology	14.12.2005 to 15.12.2005	A two-day state level seminar	Recent trends in Biosciences
5	Chemistry	14.09.2005 to 17.09.2005	National level seminar	Environment Friendly Synthesis and Reactions
6	Chemistry	27.01.2006	Seminar	Chemical Pollution
7	Commerce	09.09.2005	Seminar	Facing the Future Challenges
8	Commerce	26.11.2005	Seminar	How to prepare for Professional Courses – CA, ICWA & Company Secretary
9	Comp. Science	23.07.2005	Seminar	'TEX' software
10	Comp. Science	11.08.2005	Seminar	Project Development
11	Comp. Science	28.11.2005.	An inter-collegiate seminar	IT Applications in various fields
12	Electronics	09.09.2005	Workshop	Television
13	Electronics	19.10.2005	Seminar	Cell phones and trouble shooting
14	Electronics	19.11.2005	Seminar	Wings of Fire
15	Electronics	20.10.05	A state level seminar - SPECTRUM-2005	Embedded Systems
16	English	09.09.2005	Seminar	Learning language through literature
17	English	26.11.2005	Inter-collegiate Seminar	Communicative Competence in English
18	English	27.08.2005	Seminar	English in the Context of Globalization
19	English	28.01.2006	Seminar	Career guidance programme
20	Ethics & Religion	16.06.2005	Seminar	Communication Skills
21	Ethics & Religion	10.12.2005	Seminar	International Human Rights Day
22	Management	02.07.2005	Seminar	Monitoring of Internal Assessment System

23	Hindi	21.02.2006	Seminar	International Mother Tongue Day
24	Management	01.02.2006 to 02.02.2006	A two-day intercollegiate seminar	Entrepreneurship and new Challenges
25	Mathematics	26.11.2005.	Inter-collegiate seminar	Applications of Algebraic Structures, Number Theory and Discrete Mathematics
26	Physics	27.07.2005	Seminar	Observational and Experimental Skills in Science
27	Physics	05.12.2005 to 11.12.2005	Organized a week-long Ninth State level intercollegiate students' seminar	Einstein – contribution to Physics
28	Physics	16.07.2005	A two-day seminar	Enthusiasm in Physics
29	Physics	13.09.2005	Seminar	Multimedia Program in Physics
30	Sanskrit	21.02.2006	Seminar	International Mother Tongue Day
31	Telugu	22.07.2005 to 24.07.2005	UGC sponsored national seminar	Social Awareness in Telugu Literature
32	Telugu	21.02.2006.	Seminar	Observed International Mother Tongue Day
33	Telugu Dept. in collaboration with departments of Hindi and Sanskrit	22-07-2005 to 23-07-2005	UGC-sponsored National Seminar	Telugu Sahityam – Samajika Chaitanyam
34	Women Cell	13.12.2005	Workshop	Women Empowerment
35	Zoology	13.12.2005 to 14.12.2005	Seminar	Recent Trends in Biosciences

### 9. Research projects newly implemented and completed:

Sl No	Name of the lecturer	Title of the minor research project	Completed/ In Progress
1	Fr.Dr.S.Emmanuel.sj.,	Micropropagation of Syzygium cumini and callus induction for the enhancement of secondary metabolites	In Progress
2	Dr.J.Chandrasekhara Rao	Biological treatment of synthetic dye water and industrial waste containing Azodye compound	In Progress
3	Dr.G.Sambasiva Rao	National integration in modern Telugu poetry	In Progress
4	Dr.N.V.Ramana Murthy	Neat- injective Envelopes of commutative Rings	In Progress
5	Dr.Nunna Srinivasa Rao	Performance of Linear Classifier in the presence of Correlation in Uncompleted pattern recognition	In Progress

6	Dr.Ch.Sreerama Chandra Murthy	Post independence of art of Avadhanam in Andhra Pradesh	In Progress
		<b>Title of the Major research project</b>	
7	Dr.Sree Rama Murthy	Wild legumes	In Progress

#### 10. Patents generated, if any:

The college is in the process of strengthening the areas of research and hence is yet to generate patents.

#### 11. New collaborative research programmes:

Nil

#### 12. Research grants received from various agencies:

The following are the on-going research projects of the faculty members funded by the University Grants Commission.

Sl No	Name of the lecturer	Title of the minor research project	Amount to be sanctioned	Years
	<b>Minor Research Projects</b>			
1	Fr.Dr.S.Emmanuel.sj.,	Micropropagation of Syzygium cumini and callus induction for the enhancement of secondary metabolites	Rs.90,000.00	2005-2007
2	Dr.J.Chandrasekhara Rao	Biological treatment of synthetic dye water and industrial waste containing Azodye compound	Rs90,00.00	2005-2007
3	Dr.G.Sambasiva Rao	National integration in modern Telugu poetry	Rs.80,000.00	2005-2007
4	Dr.N.V.Ramana Murthy	Neat- injective Envelopes of commutative Rings	Rs.30,000.00	2005-2007
5	Dr.Nunna Srinivasa Rao	Performance of Linear Classifier in the presence of Correlation in pattern recognition	Rs.80,000.00	2005-2007
6	Dr.Ch.Sreerama Chandra Murthy	Post independence of art of Avadhanam in Andhra Pradesh	Rs.70,000.00	2005-2007
	<b>Major Research Project</b>			
1	Dr.SreeRama Murthy	Wild legumes		2005-2007

### 13. Details of research scholars:

As per the norms of the State Government and the affiliating University, Acharya Nagarjuna University, the college cannot run M.Phil and Ph.D programmes. However, under extramural and distance education mode the following research scholars are undertaking research under the guidance of our faculty members. The list of the research scholars and the Supervisor is given as below:

Research Supervisor	Year	Name of the Research Scholar	Title of the M.Phil. Thesis	Awarded
Fr.Dr.S.Emmanuel SJ	2005-06	A.Hanumantha Rao	Studies on the toxic effect Phenyl mercuric acetate on Primary processes of photosynthesis in the <i>Cyanobacterium spirulina patensis</i>	Yes
Fr.Dr.S.Emmanuel SJ	2005-06	Lizzy Sharon Thalathoti	Tissue culture studies of <i>Syzygium cuminii, L.</i>	Yes
Fr.Dr.S.Emmanuel SJ	2005-06	Sita Kalyani Buddaraju	Evaluation of immobilization matrices for alkaline protease production by <i>Bacillus licheniformis</i>	Yes
Fr.Dr.S.Emmanuel SJ	2005-06	P. Lakshmana swamy	Epidemiologica survey of methecillin resistant Staphylococcus from community and hospital	Yes
Dr.J.Chandrasekhara Rao	2005-06	S.Sivajyothi	Optimization of Cell Washing and Capturing Chromotography for Biotherapeutic Proteins Expressed in E.coli	Yes
Dr.J.Chandrasekhara Rao	2005-06	L.Joji Reddy	Study of the Expression & Purification of & Essect of SSBP on PCR Amplication of Trinucleotide Region of EMR-1 Gene	Yes
Dr.J.Chandrasekhara Rao	2005-06	R.Chaitanya	Bioremedial Studies of Fungi in Reducing the Azo-dyes from the environment	Yes
Dr.J.Chandrasekhara Rao	2005-06	N.Sridevi	Biological Treatment of Textile Industry Dye Effluents containing Azo dyes and Establishment of role of bacteria in reducing the pollution load.	Yes

Dr.J.Chandrasekhara Rao	2005-06	K.Shanti Sree	Biochemical & Nutritional Assessment of Rhynchosia Hirts	Yes
Dr.Durga P. Ojha	2005-06	K.Malithi Sudheshna	Ordering of a Thermotropic Mesogen – A Statistical Analysis	Yes
Dr.Durga P. Ojha	2005-06	M.Manivannan	Statistical Study of Molecular ordering in a Liquid Crystal	Yes
Dr.Durga P. Ojha	2005-06	M.Nalini Devi	Study of Structure – Liquid Crystallinity Relationship By Theoretical Method	Yes
Dr.Durga P. Ojha	2005-06	P.Padmalatha	Role of Dielectric Medium on a Nematogen – A Computational Analysis	Yes
Dr.Durga P. Ojha	2005-06	G.N.V.S.Rama Swamy	A Computational Analysis of Ordering in Liquid Crystals	Yes
Dr.Durga P. Ojha	2005-06	J.Venkata Prasad	Ordering in Higher Homologous Series of p-n-Alkylbenzoic Acids having eight Alkyl Chain Carbon Atoms – A Computational Analysis	Yes
Dr.P.Ramanujam	2005-06	K.Ram Chandra (Ph.D.)	Design Criteria for an Alternative Technical English Course at the UG level	Thesis to be submitted
Dr.P.Ramanujam	2005-06	S.Lakshmi (Ph.D.)	Reflective Practice in English Language Teaching: A Study in the UG Context	Thesis to be submitted
Dr.P.Ramanujam	2005-06	Anjaneyulu (M.Phil.)	The fiction of Ranga Rao: A Thematic Study	Thesis to be submitted
Dr.P.Ramanujam	2005-06	Joseph Edward Felix (M.Phil.)	Streaming of General English Instruction	Thesis to be submitted
Dr.P.Ramanujam	2005-06	N.Nirmala Mary (M.Phil.)	Towards a Framework for Spoken English Course Design	Thesis to be submitted

#### 14. Citation index of faculty members and impact factor:

A few senior and experienced staff have research publications to their credit in international journals, but have not yet obtained the citation index and impact factor.

## 15. Honors/Awards to the faculty:

### Academic Awards:

- Dr.P.Ramanujam, Reader in English, was one of the twelve ELT experts in the world who were invited to plenary presentations at an international conference at Salem, Tamilnadu. He has won the prestigious T.C.S-Education World Teacher Award instituted by the Tata Consultancy Services. He was adjudged Best Teacher (South Zone). Education World magazine featured a separate article on Dr.Ramanujam.
- Dr.D.P.Ojha, Head, Department of Physics, was nominated as an editorial board member for the international journal, “Bulletin of Pure and Applied Sciences - 2005”.

### Awards under extra curricular activities:

- Naval officer Lt.M.Arokiasamy received the best NCC officer Naval Wing award for the second consecutive year from Guntur group on 4<sup>th</sup> December 2005.
- Flying Officer Mr. K. V. Vijaya Babu was adjudged as the best Air Wing Associated NCC Officer of the Kakinada Group for the second consecutive year. He was appointed as the Contingent Commander of the A. P. Directorate that participated in the All India Vayu Sainik Camp at Bangalore.

## 16. Internal resources generated:

The college generates income through internal resources by renting out of the play grounds and the auditorium.

## 17. Details of departments getting SAP, COSIST(ASSIST)/DST. FIST, etc. assistance/recognition:

The college is recognized as a College with Potential for Excellence by the University Grants Commission, New Delhi and an amount of Rs. 100.00 lakhs was sanctioned.

## 18. Community services:

Apart from the regular activities of NCC and NSS, the extension programme of the college **ALERT (Andhra Loyola Extension Services for Rural Transformation)**, started with the motto ‘Beyond the Classrooms’ has organized a the yearly Live-In camp for boys from 05.04.06 to 10.04.06 in Tsunami affected villages – Pallethallapalem, Pedda Kanur, Chinna Kanur, Pedakara Agraharam, Kona, R. Kothapalem, Etimoga, Gullalmoda, Deenadayalapuram, Nalli, Sorlagondi, Dangameswaram. A total of 600 student volunteers lent their helping hand in constructing 1800 houses in these Tsunami affected hamlets of 3 Mandals – Machilipatnam, Mopidevi and Nagayalanka. Girls students are never behind – they participated in a special camp at New Rajarajeswaripeta – an urban habitation from 5<sup>th</sup> April 2006 to 13<sup>th</sup> April 2006. Apart from this, under the ALERT programme, students organized **seven residential bridge schools** for school dropouts in slums. Students also organized awareness rally to prevent child begging. During their extension programme, students of Biotechnology collected Rs. 12000 and donated to

the victims of a fire accident of Tarakarama Nagar, a slum on the banks of the River Krishna.

**National Green Corps (NGC)** was added to our existing extension programmes in which 120 students have registered as members. The NGC unit of Andhra Loyola College organised

- a special talk on “Energy Conservation”
- an Orientation programme on “People’s Participation in Environmental Preservation” on 24<sup>th</sup> November 2005.
- **The Energy Conservation Campaign** at the Rotary convention from 20<sup>th</sup> to 22<sup>nd</sup> January 2006.

**National Service Scheme:** The College has three units of NSS which are very vibrant with different activities. Two special camps were conducted during this year, one at Kanuru village, from 5<sup>th</sup> April 2006 to 14<sup>th</sup> April 2006, and the other at New Rajarajeswaripeta, an urban slum, on the same dates.

As part of these programmes, the students have also undertaken a number of rallies, awareness programmes, surveys, camps, etc. These multi-faceted programmes not only educated the communities around but also sensitized and mobilized the participating students.

### 19. Teachers and officers newly recruited:

Sl.No.	Name	Department
1	Ms.A.N.D.Lavanya	English
2	Ms.G.Praveena	English
3	Sri M Srinivasa Rao	Mathematics
4	Sri CH Srinivasa Rao	Mathematics
5	Sri P Krishna Prasad	Mathematics
6	Ms.T Bhargavi	Mathematics
7	Sri MV Srinivasa Rao	Economics
8	Sri C Kalyana Chakravarty	Botany
9	Sri R Venkatesh	Botany
10	Smt.A Jayamadhuri Latha	Biotechnology
11	Ms.Vaila Rose Pereira	Vis. Com
12	Sri R Rajesh	Electronics
13	Smt.K Sree Lakshmi	Electronics
14	Ms.K Sree Lakshmi	Electronics
15	Ms.Iris Sylvester	Student Counsellor
16	Ms.R Vijaya Kumari	MCA
17	Smt.D Usha Rani	MCA
18	Smt.Suita Chowdary	MCA
19	Sri K Pratap Kumar	MCA
20	Smt.T Vasanthi	MCA
21	Ms.B Kezia Rani	MCA
22	Ms.RPL Durga Bai	MCA
23	Sri YMVN Suja Kumar	MBA



24	Ms.V Jeevan Jyoti	MBA
25	Ms.G Neelima	MBA
26	Sri N Chaitanya	MBA
27	Ms.M Jhansi	MBA
28	Sri KVN Savan Kumar	M.Sc. Electronics
29	Dr.Durga Prasad Ojha	M.Sc. Physics
30	Ms.P Sirisha	M.Sc. Physics
31	Sri K Bhanu Prakash	M.Sc. Physics
32	Ms.B Sunitha Daniel	M.Sc. Chemistry
33	Sri T Jaison Jose	M.Sc. Chemistry

## 20. Teaching – Non-teaching staff ratio:

The ratio of the teaching to non-teaching staff is **1:0.44**

## 21. Improvements in the library services:

- The Library has undergone a massive expansion in this year. This expansion has been in terms of collection of books and Journals, infrastructure and users. **Two thousand three hundred and forty eight books** costing **Rs.5,60,000/-** have been added to the Library.
- **E-library** has started functioning with **14 computer systems** in an air-conditioned environment. This has increased the number of library users.
- Completion of **bar-coding** of all the library books as well as establishment of a documentation cell were in the final stage of completion at the end of the academic year. Our library has obtained the sanctioned letter to be linked to the Delhi libraries and it would get the facilities of **UGC - INFONET** in the near future.
- The library had become a participant in **DELNET** (Developing Library Network) and the **A.I.R.C.** (American Information Resource Centre). Membership of DELNET qualifies the library to use the online digital library facilities. A Server has been set up to give better services to library users.
- The new services introduced are:
  - The library has started issuing of CDs to students and staff.
  - The library has got the connection of e-journals from UGC-INFONET.
- A total of 2,303 new students registered themselves as members in the library during the academic year 2005-06.
- The **Reference Section** was kept open for about **213 days** and **6,680 users** visited it. The **Issue section** worked for **175 days** and **20,402** books are issued to 16,311 users.
- During this year, **3,095 users** from **faculty** and **3,112 users** from **student** community used the e-Learning Centre. On an average, about 117 books were issued per day!
- During the **National Library Week** of 14<sup>th</sup>-20<sup>th</sup> November 2007 various activities are conducted.
- **Book Bank** for deserving students attracted more students to utilize this rich learning resource.

## **22. New books/journals subscribed and their value:**

The library has been enriched with a total of 2,303 books and 45 journals and magazines. By the end of the academic year a grand total of Rs.5,60,000 has been spent on the library.

## **23. Courses in which student assessment of teachers is introduced and action taken on student feedback:**

In all the Courses, the feedback of the faculty by the students is collected in a prescribed format. The feedback is analysed and remedial measures are taken by the management.

## **24. Unit cost of education:**

The unit cost of education is:

For B.A. & B. Com.	: Rs.3933.00
For B.Sc. (Aided)	: Rs.4545.00
For B.Sc. (Unaided)	: Rs.11838.00

## **25. Computerization of administration and the process of admissions and examination results, issue of certificates:**

**Computerization of administration:** The administration has been completely computerized. Each section has been equipped with a computer and a printer. Fees collection, scholarships, financial management, personnel management and academic administration have been computerized.

**Process of admission:** The College has got a well-structured admission policy in line with the State Government and special preference is given to Catholic minority students, dalits and refugees.

**Examination results:** The examination results are published on an exclusive website for an easy access to the students.

## **26. Increase in the infrastructural facilities:**

As year after year new need based courses are introduced and the existing ones are revamped, the college tries its best to give maximum facilities to the students and staff. In the last year the following infrastructural facilities were added to the college:

- **New Intermediate Building:** A grand U-shaped two-story building with more than adequate class rooms and labs has been established.
- **Lift in the North Block:** As more and more differently-abled students are joining the college, the need for a lift was acutely felt. With partial help from the UGC, it was materialized this year.
- **A new Day Scholar Centre:** For the use of boys it has been built near the canteen with locker facility. The rooms are furnished with false roofing. Students can now take their lunch and refreshments in comfort. It comprises of two rooms with adequate lighting and fans with tap connections.

- **Simulation Laboratory:** The Department of Physics has started a Computers Simulation Laboratory for the first time in A.P. at undergraduate level in 2005-06. It is equipped with six computers along with a number of software packages. The topics include Mechanics, Optics, Thermodynamics, Electricity and Electronics.
- **Audio Visual Room:** The new audio visual room with an area of 1125 sq ft and a capacity of 100 is a notable addition to the college infrastructure. It has 5.1 Home Theatre System connected to DVD player. A Samsung LCD Projection TV is installed for presentation and playing of movies. The room is also provided with Internet facility for showing on line presentations. It has been used extensively by all the departments for seminars, guest lectures, TV & video shows.
- **A Reprography room:** It has been installed and brought into operation.
- **Library Infrastructure Development:** Fr. Gordon Library has undergone massive changes in 2005-06 in terms of books and journals and also infrastructural facilities.

### **27. Technology up-gradation:**

During the last year, the college has undergone a remarkable technological up-gradation. A separate website has been designed and pressed into operation.

1. A well-equipped computerized Language Laboratory is being established.
2. ICT Centre has been established and retraining of teachers in subject related multimedia material production has been conducted.
3. An Inter-disciplinary research lab has been established with a data processing centre.
4. Science labs are being strengthened with the necessary infrastructure.
5. Information Technologies in Office Automation and Library are being used.

### **28. Computer and internet access and training to teachers and students:**

- The college has established an Internet Centre for the facility of the faculty and students.
- The facility helps the faculty and students to interact within and in between and to outsource the subjected related material from the web.
- The selected faculty has been given training on Information and Communication Technology in order to impart technical skills of preparing e-lessons.
- These training sessions have helped the faculty to prepare PowerPoint Presentations, facilitate interactive sessions and mutual sharing of resource material through e-mail, etc.

### **29. Financial aid to students:**

Since its inception, the college is totally committed to the education of poor and rural students. Most of the students hail from remote areas with low economic background. Therefore, the management allotted **Rs.7.00 lakhs** to support the poor boys for providing the academic and hostel facilities.

### 30. Activities and support from the Alumni Association:

- Established in the 2004 – 2005, as a Project for the Golden Jubilee of the college, **Andhra Loyola College Alumni Association (ALCAA)** runs a school for the neighbourhood economically poor children.
- **ALCAA Trust Deed**: On the 5<sup>th</sup> of December 2005, a trust deed was registered under the title “Andhra Loyola College Alumni Association Charitable Trust Deed”. The trust is to render social service, i.e, to promote, to run, to assist and to render financial support to socially purposeful activities.
- 14 members of ALCAA participated in the IV Jesuit Alumni Conference held at Jamshedpur.
- There are more than **2,000 life members** and **five district chapters** in Andhra Pradesh.
- Under the Project ‘Earn while you Learn’ of the College, nine Degree students of the college conducted special tuitions for the ALCAA school children.
- For the South Zone Alumni Conference of the Jesuit colleges, six out of the eighteen delegates were from this college.
- ALCAA has also launched a website [www.alcalumni.com](http://www.alcalumni.com) for the benefit of the ALC alumni spread all over the world.
- With the assistance provided by ALCAA, a new students’ amenities centre has started to take shape.
- Director, Alumni Association, renders his services as a full-time counsellor to students.

### 31. Activities and support from the Parent-Teacher Association:

- On a regular basis, there is interaction between the parents and the teachers to review the academic and extra curricular activities of the students.
- The parents have appreciated the academic and other activities of the college and expressed happiness at the holistic development of their children.
- The teachers have noted their specific suggestions for the next year.

### 32. Health services:

- For immediate and major health attention, the students are sent to Dr. Ramesh Hospital, which is within the same campus, and St. Ann’s Hospital, which is at a reachable distance.

### 33. Performance in sports activities:

#### Activities:

- The department has fielded **10 teams** in the Acharya Nagarjuna University (ANU) **inter-collegiate tournament**.
- To improve the standard of football in the university area, Acharya Nagarjuna University has entrusted the responsibility of conducting **special camp** for 21 days to our College and the department conducted this camp in an exemplary way.

- The department **organized the football city-league tournament** on 17<sup>th</sup> and 18<sup>th</sup> August 2005. Four teams participated in this tournament and Andhra Loyola College team won the tournament.
- The department also organized **the Acharya Nagarjuna University Inter-Collegiate (ANUIC) football and North and Central zone cricket tournament** from 22<sup>nd</sup> to 24<sup>th</sup> August 2005 and 30<sup>th</sup> September to 15<sup>th</sup> November 2005 respectively.
- Department of Physical Education has organized **intramural games** for degree section encouraging mass participation of students.

#### Achievements:

- **Table Tennis:** The College men's team won the third position in the A.N.U.I.C. For the first time the department has fielded the women team which had been selected to represent the A.N.U. Table Tennis team. It is the first time in the history of the College as well as the Department that Ms.Mohana (AZ-08), a girl is represented in All India Inter University events.
- **Basket ball:** The team secured third position in the inter-collegiate tournament.
- **Volley ball:** M.Anil Kumar (DO 40) represented the university in volley-ball.
- **Football:** Since the inception of the University, in the span of 27 years, the College Foot-ball team has been winning the prestigious inter collegiate Foot Ball winners trophy for 22 years and was runner-up for just 2 years. A.L.C foot-ball team won the trophy this year also, unbeaten for the last 9 years in succession.
- **Athletics:** B.Rajesh (DEP 11) secured gold medal in discus and shot-put in the A.N.U.I.C. Athletic meet and was selected to represent the university for the third time in succession. Further, he also won a medal at the all India inter-university championships. Jilani Patan (NET 09) won a gold medal in discus throw in the south zone-state meet. He represented A.P. State in the south-zone national athletic championship held at Trivandrum and secured fourth place in discus throw. He also won a Silver medal in discus throw in the junior athletic championship and Silver medal in discus throw and bronze medal in hammer throw in the A.N.U.I.C. Athletic meet.
- **Hockey:** Karl Nazareth (NO 41) was selected to represent A.N.U. hockey team.
- **Lawn Tennis:** The College secured second position. Mr.Surya Kiran was selected to represent the A.N.U.
- **Cricket:** R.L.V. Prasad (AET 16) and U.Vinay Babu (AO 41) were selected to represent A.N.U. Our College cricket team secured third position in the city B-League tournament among 24 teams participated.

- **Gymnastics:** Y. Sivarama Krishna (ASC 31) won 3 silver and 3 bronze medals at the ANUIC gymnastics championship. He has been selected to represent ANU at the All India Inter-university competitions to be held at Gurunanak Dev University, Amritsar.
- **Power lifting, Weight lifting & Body building:** G.Srinivas Kumar (DO 04) secured 2<sup>nd</sup> place in power lifting in the 62 kg category. B. Rajesh (DET 11) secured 3<sup>rd</sup> position in weight lifting in 92 kg category.
- **Swimming:** D.Gopala Krishna (AET 06) secured two silver medals in 1500 mtr free style and 50 mtr butterfly in the ANUIC swimming competitions conducted by Sathavahana College, Vijayawada.
- **Shuttle Badminton:** The College team secured fourth position in the ANUIC shuttle championship.
- **Netball:** For the first time in the College, Ram Mohan (DO 56) was selected to represent ANU in the south-zone inter-university championship.
- **Fencing:** Brahma Raju represented Andhra Pradesh state in the nationals held at Maharashtra.
- **Karate:** A.Pratap Kumar (AEH 12) won the first prize in the Karate at the state level and also won second and third prizes in Kung-fu & Karate championships at the national level.

#### 34. Incentives to outstanding sportspersons:

The college gives a number of scholarships to students who exhibit an outstanding performance in sports and games.

The total amount of scholarship by management is Rs.60,284/- and the list of students who have exhibited their talent in sports and games is as given below:

S. No.	Name	D. Nos.	Event/Game	Concession paid by the Management (Rs.)
1	B. Rajesh	DET 11	Athletics	2195.00
2	A. Francis Britto	DEM 16	Athletics	1097.00
3	G. Maria Das	DB 22	Athletics	1483.00
4	M. Anil Kumar	DO 41	Volley Ball	2495.00
5	G. Srinivasa Kumar	DO 04	Weight Lifting	1248.00
6	Dhiren Chauhan	DO 50	Football	2495.00
7	Dawa	DCP 12	Football	4185.00
8	Sameer Pradhan	DO 48	Football	1248.00
9	Kamaljith Singh	DBM 27	Football	1791.00
10	P. Jilani	NET 09	Athletics	1197.00
11	B. Mallikarjuna Reddy	NGH 26	Athletics	1197.00
12	T. Meghanath	NC 57	Volley Ball	1522.00
13	Narender Bisti	NML 53	Football	1467.00
14	Long Khan Song	NML 59	Football	2201.00
15	Tizin Choedup	NO 57	Football	1500.00

16	D. Gopal Krishna	AET 06	Football	2075.00
17	Y. Hemanth Kumar	AET 08	Volley Ball	4150.00
18	K. Suresh	AET 15	Football	4150.00
19	A. Venkateswarlu	AET 17	Football	4150.00
20	R. Lakshmi Vara Prasad	AET 16	Cricket	4150.00
21	Gowri Nadh	AET 11	Cricket	4150.00
22	D. Srinivas	AET 12	Cricket	4150.00
23	V. Vinaya Babu	AO 41	Cricket	4150.00
24	Dorji Wanduc	DO 57	Football	1248.00
25	D. Avinash	RH 57	Athletics	590.00
	<b>Total Amount of Scholarship by Management</b>			<b>60284.00</b>

### 35. Student achievements and awards:

1. The Chemistry students team participated in a state level Chemistry Quiz organized by St. Pious College, Hyderabad, and secured third prize.
2. Three of the B.A., (English Literature) students carried out a survey on the "Reading Habits of the People of Vijayawada," and the findings of the survey were reported by almost all newspapers published in Vijayawada.
3. Two of our final year B.Sc. Chemistry students, won the first prize in a state level Chemistry quiz conducted by A.C.College, Guntur.
4. Mr.Kiran Babu of the final year B.Sc. Chemistry class won the second place in elocution competition held at A.C. College, Guntur.
5. Mr.A.Rama Krishna (DEC-02) of Computer Department won:
  - The Second prize for his paper on "Acoustics of Buildings." in the state level Physics seminar competition on "Recent Trends in Physics" conducted by St. Theresa College, Eluru, on 08.08.2005.
  - The First prize for his paper on "IT in scientific advancement" in the paper presentation competition conducted in November by Computer department of ALC.
  - The First prize in the state level seminar organized by ALC on "Einstein's contribution in Physics" as part of the "Year of Physics" celebrations in the month of December. The topic is "e=mc<sup>2</sup> and its consequences."
6. Ms.A.Aruna (DEP-06), Divyanandam (DCP 16) won the third prize in quiz competition, conducted by Computer Department of Stella College, Vijayawada.
7. Mr.G.V.Rabindranadh (NCP 22) participated in an online quiz competition conducted by Computer Department of Maris Stella College and bagged the first prize.
8. Mr.A.Arokia David (DCP 17) received the first prize for his paper on "IT applications" in the paper presentation competition and the second prize in

Extempore competition held as part of IT QUEST 2006 competitions at PB Siddhartha College of Arts & Science, Vijayawada. He also presented a paper on “Nanotechnology” and received third prize in the paper presentation competitions conducted by Arora Degree College, Hyderabad.

9. Ms.Kavitha (NCP 04) participated in the IT QUEST 2006 competitions held at PB Siddhartha College of Arts & Science, Vijayawada and got the second prize for her Paper presentation.
10. Mr.Praveen (DCP 30), Ms.Kameswari (DCP 34), Ms.Lakshmi (DCP-35), Ms.Kavitha (NCP 04) participated in singing competitions in Thummalapalli Kalakshetram and received a prize money of Rs.2000/-.
11. Mr.Ch.Bharat (DCP 27) participated in an inter collegiate dance competition and won the second prize in inter collegiate skit competition.
12. Mr.N.Praveen Kumar (DEP 01), Mr.Ch. Srikanth (DEP 41) and Mr.Raja (DEP 47) won 2<sup>nd</sup> prize for their exhibit titled Water Indicator/Digital Light System in State level Science exhibition at Maris Stella College, Vijayawada.
13. Three of our final year students namely, Mr.K.Vasudeva Rao (DEP 31), Mr.Sk. Shaida (DEP-21), Mr.B. Aravind (DEC 17), won the third prize in Acharya Nagarjuna University level electronics Quiz conducted by TJPS College, Guntur.
14. Mr.Moses Chowdary participated in the Telugu Essay writing competition conducted by the authorities of Book Festival and stood first.
15. Mr.CH Viswaratnam (DGH 12) bagged the first place in the Inter collegiate painting competition in ‘Rhapsody’ an inter-collegiate Literary and Cultural conducted by SRR & CVR Govt. College, Vijayawada. He bagged first place in the inter-collegiate painting competitions in ‘Sarada Samiti Kala Thoranam’ conducted by Sarada College, Vijayawada. He won first prize in the Painting competition conducted by Kala Darshini. He bagged 1<sup>st</sup> place in the district level painting competition conducted by State Pollution Control Board in collaboration with Gora Research Center. He got 1st place in Inter collegiate painting competition conducted by Swetcha Gora Eye Bank.
16. Mr.T.Varadeesh (DET-13) secured the first place in the skit and mime event which he directed and enacted on the stage in an inter collegiate skit and mime competitions conducted by SRR & CVR Govt. College.
17. Mr.Rajesh Kumar, a III B.A (Economics) student, participated in the inter-collegiate English Essay writing competition on the topic ‘World Population Day’ and won the second place.
18. The students of the Department of Zoology won the coveted “Best Association” award during the college annual cultural and literary festival “Sphoorti”.



19. Andhra Loyola Mathematics and Statistics Association (ALMASA) students won the runners up shield of Sphoorti 2005. It has also won the first prize in the Mathematics Olympiad Quiz.
20. Mr. C.Narendra Kumar (SCC) (DO63) was the Best Cadet at Guntur NCC Naval Wing Camp.
21. The District Collector has awarded a Certificate of appreciation for the college students' rally on AIDS awareness in the city.
22. In the Air Wing, Cdt.Sgt.K.Thambi Joseph Kumar (NP24) stood first in the Control Line Aerobatics Competitions and secured gold medal in the Republic Day Camp 2006. He also secured silver medal in Radio control line aerobic in RD 2006.
23. "Loyola Strings" our College singing team, led by Mr. B Sateesh, Cultural Coordinator, participated in the Golden Jubilee celebrations of Andhra Pradesh Formation Day organized by the government of Andhra Pradesh in Tummalapalli Kalakshetram on 06.01.2006 and won the Rs.2,000/- cash prize and a shield.
24. The cultural and literary team (B.Sateesh & Co.) participated in "RHAPSODY – 2005" conducted by SRR & CVR Govt. Degree College and won 15 individual prizes in Painting, Quiz, Skit and Mime.
25. Mr.Viswa Ratnam (DGH 12) won the first prize in Painting in "Sarada Kalothsav" conducted by Sarada Degree College, Vijayawada.
26. Mr.P.Benyameen (AEP 48) participated in the prestigious "Nandi Natakothsavam" of AP State Government held at Tirupati.
27. Our College quiz team consisting of J.Nagavardhan Reddy (DZ 10), P.Sridhar Reddy (DB 22) and Deepak Jose (AO 40) won the first prize in Quiz conducted in Vijayawada Book Festival and they received their prizes from His Excellency Shri Sushil Kumar Shinde, Governor.
28. Mr.T Phani Kumar (NEH 16) participated in ETV Paadutha Theeyaga and he was selected for the final round.
29. For the first time in the history of our college, a girl student, Miss Mohana (AZ 08), was selected to represent the University in the All India Inter-University Table tennis championship.
30. In football the college has remained unbeaten in ANU for the past 9 years and has won the championship in 2006.
31. K.Brahma Raju (DEP 23) of III B.Sc. represented AP in the nationals for Fencing held at Maharashtra.

32. A.Pratap Kumar (AEH 12), who won first prize at the state level competition. Probin (TA 101) and P. Magesh (TA 97) were the key players to win the gold at the state level football championship
33. Six of our football players, Lam Khan Song, Nar Bahdur Mishra, Tenzin Tsering, Michael, Suresh and Chime have been selected to represent Nagarjuna University. Similarly M.Anil Kumar, III year B.Com, has been selected to represent the University for Volleyball team.
34. A hockey player Karl Nazerath (NO 41), Tennis player Surya Kiran (NBZ 04), two cricket players R.L.V. Prasad (AET 16), U.Vinay Babu (AO 41) and a Netball player Ram Mohan (DO 56) are selected to represent Acharya Nagarjuna University.

### **36. Activities of the Guidance and Counselling unit:**

- The College has established a Counselling and Career Guidance Cell.
- The students are positively motivated to take up bright careers.
- In the present age of electronic speed, the students are exposed to various pressures. Therefore they are given personal attention at the College by the class teachers, Vice Principals and Hostel Directors.
- They are closely monitored at academic and emotional level through their attendance, exam results, extension activities, etc.
- Group discussions, Quiz programmes and exhibitions are conducted from time to time for the development of the students' personality.
- They are also provided ample opportunities to inculcate and strengthen a competitive spirit in them by sending them to participate in various competitions at College, University, Government and private level.
- The Counseling unit also conducted training programme for the Mentors of the Mentoring programme.

### **37. Placement services provided to students:**

- A seminar was conducted for 2006 outgoing students on "Personality Development". Mr. Nehemaiah, HR Manager of Satyam Computers was the resource person.
- The students attended an off campus interview in Visual Soft, a software development company in Hyderabad. Ten were selected as test engineers and two as developers.
- Neon Shark Ltd., Bangalore selected a student as web designer on the basis of her project on website.
- In October 2005 the students of 2006 outgoing batch attended an off campus interview for Satyam Computers, in which two students were selected.
- In December 2005 our students attended an interview conducted by Syntel Systems, Mumbai.
- In January 2006 the College conducted a seminar on "Effective Communication Skills" with the resource person Mr. P.Girish, HR General Manager, Lanco Industries, Kondapalli.

- On 7<sup>th</sup> January, System Computers arranged a training session on “Adhyayan” for students selected in Satyam Computer Services Ltd.
- For the final year students, continuous placement training was given in their V semester on technical and analytical skills.

### **38. Development programmes for non-teaching staff:**

- The Non-Teaching Staff were trained on a regular basis by the senior staff and external experts on various matters related to their functioning to increase their efficiency.

### **39. Healthy practices of the institution**

Throughout the year, the college not only promoted academic excellence but also the holistic formation of students. Therefore, it kept its focus not only on the curriculum, but also on the co-curricular and extra-curricular activities. To achieve this objective, the College followed a number of healthy practices as listed below:

#### **Academic activities:**

- 181 days of teaching work was put up in the academic year to cover the syllabus.
- Mid term and End Semester exams were conducted for the students.
- The Departments conducted their Board of Studies meetings during the year to evaluate and redesign the Subject curriculum. An Academic Council meeting was conducted towards the end of the academic year.
- The Departmental Associations organized various academic activities such as Seminars, Guest Lectures, Quiz Competitions, Exhibitions, etc.
- The college brought out the Annual Diary cum Handbook with academic calendar, general information about the admission, exams, discipline, staff, committees, etc.
- The college has brought out the Annual Admission Brochure to give full information about the courses, eligibility, facilities, etc.
- The college celebrated College Day to encourage the spirit of creativity and academic excellence among the students.

#### **Value education of the students:**

- The college has an established Department of Ethics and Religion with highly qualified lecturers to take care of the value and ethical education of the students.
- Upholding Value education as an integral part of the core-curriculum, it has been imparted through a syllabus approved by the Board of Studies and the Academic Council. A pass in this course has been made obligatory for the award of degree.
- Apart from this course on Value Education, all the first year students have been given instruction on Indian Heritage and Culture as a compulsory paper. This subject has exposed them to the rich and varied cultural traditions of our country.

- Similarly, all the second year students were given classes on Science and Civilization as a compulsory paper. It has enabled them to remain more humane and civilised citizens of the country amidst the present day rapid technological advances.
- The students of different denominations were given recollections, retreats, and counselling sessions by the internal and external experts to inculcate inter-religious awareness and forbearance.

#### **Inculcating civic responsibilities among the students:**

- To inculcate civic responsibilities among the students, the college conducted a number of rallies with specific themes. For the current academic year, a Sadhbhavana Rally for religious harmony, a Solidarity Rally for expressing solidarity with Armed forces of the country and Loyola Run to inculcate traffic sense were conducted. The above rallies not only reminded the students of their civic responsibilities but also infused a civic sense among the public.
- Apart from these rallies, the cadets of NCC and the volunteers of NSS participated in law and order arrangements for public functions and regulation of traffic at important road junctions, which in turn inculcated in them a civic sense.

#### **All-round development of the students:**

- Mentoring System: All the students are put under the supervision and guidance of mentors. Mentors guide the students in their various requirements, personal, academic and others.
- The college celebrated Sports Day to encourage the spirit of sportsmanship among the students and the staff.
- The Departmental Associations organized freshers' day and valedictory day, besides their specific and special programmes.
- Career guidance was given to the students through the career guidance and counseling cell.
- Co-curricular activities played an important role on the campus. The individual departmental associations organised workshops, seminars, and group discussions. These promoted among students self-reliance and an ability to work with others as members of a team.
- The physical well being of the students was also well taken care of through sports and games. 'Loyola' is proud of a number of playing fields and sports facilities.
- The college encouraged an active participation of students in various cultural activities. Annual cultural festivals such as Sphoorthi and Sameeksha were organised to bring out the hidden talents of students in drama, art and music.

- The college considered inculcation of proper values as an integral part of the student's personality development. Apart from the course on Value Education, the very ethos of the college enabled the students to imbibe the values of discipline, hard work, cooperation and team spirit, tolerance and communal harmony.
- The college believes that faith formation is essential for the integral formation of students. Apart from religious instruction, discourses by various religious leaders, and celebration of common religious and national festivals promoted the faith formation of students. "To be rooted in one's own faith and yet remain open to other faiths" is an important ideal of the college, which is trying to foster inter-religious understanding and communal harmony among the students. The daily schedule of the college begins always with a short prayer.
- Compassionate concern for the weak and marginalised is an essential part of the overall development of the students. Hence students were engaged in various out-reach programmes and actively participated in the leadership programmes conducted by AICUF with this specific objective in view.

Thus the final year students of 2005-06 have stepped out of the institution with a sense of self-reliance, discipline and hard work in order to become not only self-oriented but also society oriented.

#### **40. Linkages developed with national/international, academic/research bodies.**

The college is a member of various national and international academic / research bodies as mentioned below:

- AIACHE (All India Association for Christian Higher Education)
- Xavier Board of Higher Education
- AIJUC (All India Jesuit University Colleges)
- JEA (Jesuit Educational Association)
- 'Jesuits in Science', an international organization for the promotion of research among Jesuit scientists.

The college sponsors the faculty members, participation in various training programmes and workshops organised by the above organizations.

#### **41. Any other relevant information the institution wishes to add:**

Andhra Loyola college has been enriched by the establishment of the inter disciplinary research laboratory and by the procurement of new instruments to modernize the science laboratories. Information Communication and Technology Centre was helpful to train the staff in modern education technology and produce digital lessons to be displayed in the sophisticated audiovisual room.

#### **Part C: Detail the plans of the institution for the next year.**

- To introduce the Choice Based Credit System for the second year curriculum too.

- To introduce Environmental Education as a compulsory foundation course in the fourth semester.
- To continue the remedial coaching for the students from the SC and ST communities.
- Implementation of minor research projects.
- To further the scientific research temper in the College through a focused way.

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**Chairperson, IQAC**