

The Annual Quality Assurance Report (AQAR) of the IQAC 2008-'09

DANTULURI NARAYANA RAJU COLLEGE (AUTONOMOUS), BHIMAVARAM

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.

To achieve timely, efficient and progressive performance of academic tasks, lecturer wise curricular plans in each subject were proposed to be designed and prepared for each semester in the very beginning of the academic year 2008-09, in which week wise curricular, co-curricular and extracurricular activities were to be incorporated in detail. The same plans were to be presented to the student community at the beginning of each semester. The college fees structure, examination fee, schedule of examinations including internal assessment tests and semester end examinations were to be chalked out and published in the academic calendar in the beginning of the academic year. The academic calendar was to be given to each and every student at the time of admission. The above effort ensures equitable access and affordability of academic programmes for various sections of the society. To improve the rapport between the teacher and taught, the list of staff members in each faculty with their contact phone numbers was also proposed to be provided in the academic calendar.

To optimize and integrate teaching and learning processes, an academic action plan was proposed to be chalked out in the beginning of the academic year, pertaining to seminars, work-shops and guest lectures etc to be conducted by each faculty of the college. It was proposed to conduct at least one National / State level seminar during this academic year. To ensure timely implementation of the above mentioned academic plans, a team of IQAC members under the stewardship of the Principal was planned to visit all the faculties at regular intervals of time. As a part of newly introduced Credit Based system, it was proposed to include some more Certificate Courses for all the students in their second year of under graduate course on full fledged basis.

To establish the relevance and quality of academic and research programmes, it was planned to encourage all the staff members to indulge themselves in research activities to widen their academic horizons, through faculty development programmes of the University Grants Commission and other funding agencies. To ensure continuous

improvement in the entire academic programmes of the institution, it was planned to encourage the faculty members to participate in seminars, work –shops and guest lectures etc to be organized by other academic institutions. Special attention was focused on the participation of faculty members in Orientation Courses, Refresher Courses being organized by Academic Staff Colleges.

Semester wise review meeting of examination results were to be conducted to assess the quality of teaching and learning. Shortcomings, if any, were to be addressed.

It was proposed to increase the infrastructural facility to incorporate a big Language Laboratory which can accommodate more than 100 Computer systems to cater the needs of the students of English Language. To ensure smooth and continuous functioning of the academic activities in the Science Laboratories and Language Laboratories etc it was proposed to increase the standby power generation by purchasing another generator about 80 KWH power output.

Keeping in view the water contamination prevailing in our region, it was proposed to construct a building to house a water treatment plant of sufficient capacity to cater the needs of students and staff members of the college and also the students in the college hostels.

It was proposed to continue to encourage deserving students having talents in Fine Arts, Games and Sports etc by providing necessary financial assistance. It was also proposed to continue and enhance the financial aid and other facilities to the physically challenged students of our college.

It was planned to invite many recruiting agencies to conduct campus recruitments in our college for the benefit of large number of our students.

The academic environment at P.G. level

‘The Post-Graduate Courses and Research Centre’ has had a perspective which integrates the transmission of knowledge with fine-tuning the attitudes of the learners by building and re building their skill sets, to make them competent for future job responsibilities and thus over the years transformed itself as an institution of real learning. The cherished vision and the chartered mission of this great institution spell that :

Our Vision:

To transform into an institution of excellence for development of Human Capital in the domains of Sciences, including Social Sciences, Technology, Arts, Commerce and Management.

Our Mission:

- To make **teaching** more learner-centric and learning facilitated with the use of Information and Communication Technology, supported by multimedia learning tools to tone up **learning**
- To institute a process of continuous **evaluation** focusing on the assessment of knowledge, attitudes and skills acquired through learning to make education more than rote memorization.
- To engage in **Research** , both academic and applied and using research as a tool of theory building and solution designing to meet the needs of the society.
- To outreach the user community with regular interface through **Consultancy** services, contributing for the value addition of the subjects as well as generation of internal resources.
- To improve the visibility of the institution through programmes of **extension** to make available the fruits of higher education to the society.
- To improve the **Infrastructure** of the institution with bench mark qualities and put the same to its optimal use to the advantage of the students , staff, and community.
- To generate and optimize **Learning Resources** to achieve higher levels of performance of the staff as well as students.
- To evolve **Student support** programmes and contribute for their **Progression**.
- To develop and apply systems and procedures for **organic** growth of the institution.
- To **manage** the institution with democracy as an undercurrent, ensuring the active participation of the stakeholders of the institution to evolve into a centre of excellence.
- To engage in the evolution of **Healthy Practices** to become role model to others and to emulate the best practices of other institutions to attain higher levels of excellence.
- To transform the institution as an **Equal Opportunity** provider, with gender sensitivity, for attaining individual goals of the stakeholders and thereby the attainment of the collective objective of becoming a centre of excellence.

A perspective like this naturally warrants a multi-pronged approach and activities to translate the vision into action. In that direction the ambience on the campus has been crafted for the holistic transformation of the key-stake-holders-the students through:

Upadhi- Placements Cell

Parinithi- Personality Development Programmes

Nipuna- Value Added Courses

Medha- Association for intellectual learning in the form of quizzes, debates etc.

Jnana Varshini- National/International Conferences, Seminars & Workshops

Jnana Vahini- Guest Lectures from Professionals

Nestam- Students Counseling Centre

Kreeda- Association for Games and Sports

Tapheasya- Association for yoga and Meditation

Samskruthi- Association for Indian Heritage and Culture

Dharitri- The Eco-Club

DNR Panorama- A Journal run by Students

Prerana- Programmes of extension education for community

Spandana- Extension services by the institution to the community

Samvardhini- Programmes for Continuous Professional Development of Staff.

All the above mentioned programmes / activities were achieved as per the schedule.

PART – B

- Lecturer wise annual curricular plan in each subject was designed at the beginning of the academic year 2008-09 and implemented in toto. The schedule of Semester End Examinations including internal assessment tests was followed. Seminars, workshops and Guest Lecturers etc were conducted as per the academic action plan. IQAC members under the stewardship of the principal visited each faculty for the effective implementation of academic programmes. Several co- curricular activities such as NSS, NCC, Fine Arts, Sports and Games were conducted with active participation of staff and students. Examination results were announced just within 20 days after completion of the examinations.
- Self financed courses in B.Sc with the following combinations were started during this academic year

1. Mathematics Statistics Computer Science
2. Chemistry Botany Bio technology

As value addition to help our students snatch the biggest career opportunities and to prepare them for the challenges of global competition we are offering post-graduate diplomas in the areas of Marketing, Finance, H.R.M, International Business Operations etc. As a partner institution under convergence scheme with the prestigious IGNOU, New Delhi; we are offering the above courses to our existing P.G. students at concessional rates.

- In all U.G courses new syllabi had been designed for implementation from this academic year effecting first year courses.
The curricular design at the P.G. level is fully centralized at the university level.
- Ten Certificate courses each with about 50 contact hours were introduced in this academic year for second year degree students. Exams were conducted for these courses and results were declared. Each certificate course provides an extra Credit to the successful student.

- Every year a good number of M.C.A and M.Sc. Chemistry students appear to GATE exam. In the year 2008 five of our students were qualified in GATE.
- Eleven staff members from various faculties of our college were selected by statutory committee which includes university representative, following the guidelines laid down by UGC to pursue Ph.D / M.Phil research programmes under Faculty Development Program. One of our faculty from M.B.A department was deputed to participate in a one week FDP programme conducted by IIM Bangalore.
- 24 Number of Seminars / Workshops were conducted.
In February 2009 the college has conducted “**The Annual National Conference of Indian Society for Professional Social Workers**”.
- Research projects
 - a) Newly implemented:
 1. **Emerging trends in Aqua Culture** by Smt K.Usha Rani, Lecturer in Zoology, Project investigator.
 2. **NABARD** has sanctioned an amount of Rs. **1.83 crores** to undertake a tribal development project in the tribal areas of west Godavari district in Andhra Pradesh.
 3. One field action project on community based HIV/AIDS Pediatric Dashboard Programme is being carried out by Dr. P.Koteeswara Raju. Dept. of Social Work.
 - b) Completed :
 1. **Effect of Chlorpyrifos fish poly culture in relation to density** by Smt K.Usha Rani, Lecturer in Zoology, as Project investigator.
 2. One minor research project in the P.G.Dept. of Economics was completed by Dr. K. Surya Rao.
 3. One minor research project in the P.G.Dept of Commerce was completed by Dr. J. Chandra Prasad.

4. One field action project on Home and Community based HIV/AIDS care and support was completed in the year 2008.
 5. One research project was undertaken on women and child trafficking in the selected districts of Andhra Pradesh in collaboration with Vasavya Mahila Mandal, Vijayawada.
- Research grants received from various agencies : Rs 11,92,500/-
 - Details of Research Scholars : Four staff members from mathematics Department are actively pursuing M.Phil Programmes under the guidance of Dr. A.K.S.Chandrasekhara Rao, H.O.D of Mathematics of our college. Four Staff members from various faculties are also doing research work on part time basis. A paper, “ SS – Elements and Their Applications”, written by Dr. A.K.S.Chandrasekhara Rao was published in the Southeast Asian Bulletin of Mathematics,(2009) 33;361-366 Hongkong, CHINA. The college has an independent recognised research Centre. 24 research scholars are working for their Ph.D degrees under the guidance of different recognised research guides in the Postgraduate departments of Social Work, Economics, Telugu and Commerce.
 - Dr.P.Koteeswara Raju, Reader in Social Work Department(PG) had been conferred with “Best Teacher Award” by the Government of Andhra Pradesh.
 - Community services : N.C.C Activities
 1. Aids awareness Rally on 1-11-2008
 2. Traffic control awareness programmes for one week in Nov 2008.
 3. Rally against TERRORISM on 30-11-2008.
 4. NATIONAL INTEGRATION Rally on 25-01-2009.
 5. Services rendered at important festivals such as ‘Shashti’, ‘Maha Sivarathri’ and ‘Akhanda Anna Samaradhana’ at Sri Mavullamma Temple etc.

6. Rallies on 'Blood Donation Awareness' , ' Clean and Green' and on 'Environment Protection'.
 7. Services rendered at the time of General Elections 2009.
 8. The NSS wing of Post-graduate courses has organised a blood Donation camp in the month of december 2008.
 9. A ten day residential rural camp was organised in the villege of Vankayalapalem 5 km. away from Bhimavaram.
- Number of Lecturers appointed on adhoc basis : 22
The college has recruited 10 faculty members in the post-graduate departments of Chemistry, Biotechnology, Microbiology, M.B.A and M.C.A.
 - Teaching and Non-teaching ratio :- 5 : 3
In P.G.Courses the teaching-Non-teaching ratio is :- 1 : 0.77
 - 608 Books have been purchased at a cost of Rs 96,732/-
115 Periodicals have been subscribed at a cost of Rs 25,809/-
There is a separate library for P.G.courses which works from 8.00A.M to 6-00P.M throughout the year except on 14 public holidays.
During the year 2008-09 an amount of Rs.2,08,101/- was spent to acquire 678 textbooks and Rs.68,405/- was spent towards the subscription of different journals and news papers.
 - From students of all courses feedback had been taken on the performance of teaching staff members. The feedback had been analyzed and the best teachers were awarded mementoes. Each staff member was apprised of his performance as evaluated by the students. Necessary individual counseling to the staff members was given by the Principal.
 - Unit cost of education UG Rs 12,200/-
 - Office administration had been computerized. Admission process, payment of fees, issues of TC & CC and maintenance of records were all computerized. Issues of Hall Tickets, Question Paper preparation, Seating in Examination Halls of Internal Assessment Examinations and Semester End Examinations , issue of Mark Sheets, Provisional Certificates etc were

all computerized. The Semester End Examination results were placed in our college web site www.dnrc.edu.com

Marks memos, T.Cs, Estimation letters for educational loans etc. will be issued within the stipulated time as per the students' charter.

- A big Language Laboratory which can accommodate more than 100 Computer systems to cater the needs of the students of English Language had been established. To ensure smooth and continuous functioning of the academic activities in the Science Laboratories and Language Laboratories etc the standby power generation had been increased by purchasing another generator 80 KWH power output.

Class room ambience is significantly improved in M.B.A and M.C.A. class rooms by replacing the old furniture with a new one.

To root out water contamination prevailing in our region, a building to house a water treatment plant of sufficient capacity to cater the needs of students and staff members of the college and also the students in the college hostels had been constructed.

- Biometric Attendance System had been implemented for both teaching and non teaching staff members. To check any infiltrators into the campus and to prevent any ragging and eve teasing, closed circuit cameras were arranged at the entry and exit gates of the college campus.
 - Computer access had been provided to all the students of UG Courses as part of curriculum.
 - L.C.D. Projectors were installed in the class rooms of M.B.A, M.C.A and M.Sc. Biotechnology .
 - An exclusive hostel for non-scholarship students is being maintained by a distinguished alumnus of our college Sri G. Ganga Raju – Chairman, Laila Group of Industries. His magnanimity is reflected in providing FREE lodging and boarding facilities to more than 200 boy students of our college. A separate decent building with all amenities including a library was constructed for this purpose in the vicinity of the college campus.
- For holistic development of the students, the college management has created many facilities. One of the unique facilities provided is the Sports

Hostel exclusively for sportsman with an intake of about 200. The management extended its generosity to the inmates with FREE lodging, boarding along with free education. As a social service, the physically challenged students are encouraged by the management with free education and scholarships.

About 80% of the students of our college are enjoying financial assistance in the form of Scholarships, hostel facility, railway concession, road transport concession etc. In addition to these, financial assistance from many philanthropists, motivated by Mr Ch.Ranga Sai – non teaching staff member of our college, was extended to the meritorious students and to physically challenged students.

- It is gratifying to note that our institution had entered into a Memorandum of Understanding with “Sri Ch.V.P. Murthy Raju Educational and Social Service Society” and initiated “Gandhian Institute for Social Transformation” (GIST) by fully utilizing the huge physical and infrastructure available at Gandhi Bhavan- Pedanindrakolanu- West Godavari District. Under the aegis of GSIT ten students are supported to take their masters degree in Social Work from IGNOU. They were given FREE boarding and lodging besides free education.
- Alumni Association members were actively involved in providing necessary guidance in both academic and extracurricular activities. Several sports and games events, fine arts programs were conducted such as National Level Kabaddi Tournament, Plays by “SURABHI” which an ancient traditional Play Troupe. Further, with the co-operation of college management and alumni association “Chaitanya Bharathi Nataka Parishath” had conducted NATIONAL LEVEL COMPETITIONS in the month of May 2008 for three days.
- Proctors had been appointed for each section of students. They interacted with the parents, particularly with the parents of backward students as and when necessity had aroused.
- A Health Officer had been made available within the campus to both students and staff members of our college.

- Performance in Sports activities :-
 1. Won Overall Championship and Individual Championship at Andhra University Inter Collegiate Athletics held at Govt.Arts College- Rajahmundry.
 2. Won Badminton, Kho-Kho and Volley ball events at Andhra University Inter Collegiate Inter Zonal Tournaments held at Govt. Degree College- Narayanapuram.
 3. Won all round Championship at Andhra University Games held at Govt. Degree College- Narayanapuram
 4. Mr T.Somaraju won the Bronze Medal in All INDIA Inter University Body Building Competitions held at Andhra University and a GOLD Medal in A.U. Body building Championship competitions held at Sir C.R.R. College- Eluru.
 5. Sixteen number of students represented Andhra University teams in various Games & Sports.
- Free Education with Lodging and boarding facilities was provided for Twenty five outstanding sportsmen.
- Student achievements and awards :
 1. Won third prize, and Best poster presentation award at National level competitions held at Salem in Dec 2008 & Jan 2009 respectively.
 2. Won First prize in State level Quiz Competitions held at Nalanda Degree College Vijayawada in Feb 2009.
 3. Won Two First prizes in paper presentations and a First prize in Poster presentation at State level inter collegiate competitions held at Andhra Loyola College – Vijayawada in Feb 2009.
 4. Obtained First Rank in Entrance examination in Bio-Technology, conducted by Sri Padmavathi Womens' University - Tirupathi
 5. Won First prize in Drama Competitions at Andhra University Youth Festival held at K.G.R.L College, Bhimavaram.
 6. Won First prize in Mime Competitions at Andhra University Youth Festival held at K.G.R.L College, Bhimavaram
 7. Won First place in Drama competitions at Srujunotsav 2008 held at Siddhartha College, Vijayawada.

8. Represented Andhra University in South Zone Youth Festival held at Calicut in Dec 2008 in Drama and Mime competitions.

- Almost all the staff members are giving Academic / Career Guidance to the students in the class room itself. Further, experts from various institutions were invited to provide the best exposure to our students regarding Personality Development / Career Counseling / Employment Opportunities / latest developments in the concerned areas.
 - As continuation activities of Jawahar Knowledge Centre (JKC) of our college, about 45 students were given rigorous training in Soft Skills. Apart from this about 66 Final B.Com students were given in-depth training in TALLY Programme. Six students were selected as sales representatives by NOKIA. Placement cell organized several tests / interviews for selection of students to reputed organizations such as WIPRO, INFOSYS, and MATRIX LABS etc.
 - A large majority of non teaching staff members were given technical training in using computer systems. They become instrumental in the computerization of office administration.
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- **Healthy Practices adopted by our Institution**
 1. Every Day Our College starts with NATIONAL SONG 'VANDE MATARAM'.
 2. Extra coaching for identified academically backward students.
 3. Timely implementation of all academic programmes such as curricular, co-curricular and extra - curricular activities.
 4. Special coaching in Soft Skills to the students.
 5. Advanced coaching for select brand of students in written tests, group discussions and interviews.
 6. Maintaining adequate transparency in evaluation by allowing the students to go through the valued internal assessment scripts and conducting Semester End examinations by external paper setting & external evaluation.
 7. Provision for revaluation of Semester End examination scripts.

8. Encouraging the students by awarding GOLD MEDALS to the FIRST RANKERS in all branches of study.
 9. Best organized Open access Library with 85,202 number of books, 115 number of periodicals, quick access to information and documentation service.
 10. Maintaining a large play ground with a 400 meter Standard Track, Cricket turf wicket, Volley Ball Courts, Basket Ball Court, Badminton Courts along with beautifully organized Tennis Courts and a well equipped Gym.
 11. Well nourished Colorful Gardens with rare collections and neatly laid tar roads within the campus.
 12. A nationalized bank, a post office, a canteen, and a stationery shop, all on the campus.
 13. Extra-ordinarily maintained Museums in Botany and Zoology Departments with the rarest of the rare collections which are ranked as the best in under graduate colleges in Andhra Pradesh.
 14. Maintaining a well equipped and furnished auditorium with more than 1000 capacity and such a Seminar Hall with 200 seating capacity.
 15. Providing academic coaching and physical training to the aspirant students for Police Recruitment with FREE lodging and boarding facilities.
- The examination pass percentage of U.G Courses in affiliated colleges on the average is less than 40%, whereas the same in our autonomous college is consistently around 70%. Moreover, more than 80% of our college students belong to the weaker sections of the society and a large number of them are from rural areas. The results in our college speak the quality of education that is being imparted to the students. This achievement is laudable in the wake of mushrooming Engineering Colleges in our region. Our college motto “TAMASOMA JYOTHIRGAMAYA” is being fulfilled in letter and spirit.

PART – C : The plans of the institution for the year 2009-'10

- Modernize the degree syllabus of all courses in the second year of study.
- Increase the infrastructure facility by constructing new blocks to house laboratories and class rooms to have the state-of-art buildings.
- Arrange water treatment plant in the campus and supply purified water to all the students / staff in campus and inmates of hostels.
- Encourage staff members to participate in research programs.
- Procure additional equipment to all the laboratories.
- Procure additional books / journals to the library to cater the demands of the modernized syllabus.
- Conduct optimum number of seminars and workshops.
- Encourage students to participate actively in NSS / NCC / Fine Arts, Sports and Games.
- To get Self Appraisal Reports from the Staff Members.

COORDINATOR, IQAC
(U.DHANAPATI VARMA)

CHAIRPERSON, IQAC
(D.VERGHESE DANIEL)