

Academic & Administrative Audit of Degree Colleges (2021-22)

Akkineni Nageswara Rao College (Autonomous)

Gudivada – 521 301, Krishna Dist.

2021-22

The Akkineni Nageswara Rao College (Autonomous) has an established IQAC and it has been functioning very effectively and taking many steps to improve the academic standards of the college from time to time. Under the guidance of IQAC, the college secured NAAC 'A' grade in September 2016.

After the College became an autonomous college, the IQAC cell constituted a committee with the following members for external evaluation to assess the performance of the college.

- 1) Prof. Koya Prabhakara Rao, Department of Chemistry, Vignan University, Guntur.
- 2) Dr P. Muralidhar, Dept. of Chemistry, GITAM University, Visakhapatnam.

The committee submitted its report on the performance of the college which is as follows: Akkineni Nageswara Rao College came into existence in 1950 under the aegis of the Akkineni Nageswara Rao College Committee. Ever since its inception, the College has grown from strength to strength with the untiring efforts of the promoters. The College is committed to imparting quality education to the students and enhancing their performance. This college is equipped with the needed infrastructure and provides an academic environment conducive to learning. The College has been organizing development programs for the students in a sustained manner. Seminars, workshops, study tours, etc. are conducted from time to time to expose the students to the latest global developments. The Wi-Fi facility on campus provides access to the emerging trends in various domains of knowledge.

Akkineni Nageswara Rao College (Autonomous) offers the following Courses:

Under Graduate Courses- B.A., B.Com. (General), B.Com. (Computers), B.Sc. Mathematics, Physics & Chemistry, B.Sc. Mathematics, Physics & Computer Science & B.Sc. Mathematics, Statistics & Computer Science.

Post Graduate Courses - M.Com., MBA, MCA, M.Sc. Mathematics, M.Sc. Physics, M.Sc. Chemistry & M.Sc. Computer Science.

UGC-NSQF Certificate Courses: - GST, AWS, Analytical Chemistry

The educational institution is housed in spacious buildings. The academic activities of this college are carried out strictly following the Academic Calendar.

Date of Peer Team visit: 04.01.2023

Documents Audited:

1. AQAR 2020-2021 and NIRF report
2. College Annual Report 2020-2021
3. Syllabus for all programmes offered by the college
4. Minutes of the Board of Studies meetings
5. Minutes and Proceedings of the Academic Council
6. Minutes of the Finance Committee meeting
7. Minutes of the Governing Body
8. Academic Calendar and Handbook
9. Library and IT facilities

Observations on the key indicators:

Criteria	Key Indicators	Observations
1. Curricular Aspects	Curriculum Design and Development	Curriculum was modified according to local and global needs and as per the direction of Higher Education Department and UGC, NAAC suggestions. CBCS pattern is followed. Board of Study is conducted every semester (Twice in a year) with prescribed composition of experts viz., two or more Subject experts from other colleges and Universities, University Nominee, Alumni and Industrial experts.
	Academic Flexibility	With the available faculty strength, the horizontal flexibility has been given for selected courses. In some of the departments, the allied courses are also given based on the student's interest. In addition, the students are given certificate courses, Skill training, Placement training etc.,
	Curriculum Enrichment	Curriculum was improved with job oriented and skill-based courses. It is also

		<p>strong enough with mandatory Core courses. Interdisciplinary papers, non-major elective papers, Environmental studies, Gender studies, Human values and ethics and soft skills for all UG courses. The model curriculum of UGC and syllabi of UGC NET/SET, CSIR and Civil services, Competitive examinations are referred for the preparation of course scheme and syllabus for PG courses. Compulsory project work is included in the syllabus of PG programmes' courses.</p>
	Feedback System	<p>Feedbacks were obtained from students, parents, external subject experts, alumni and employer.</p>
2. Teaching Learning and Evaluation	Student Enrolment and Profile	<p>Admission is carried out as per Government of Andhra Pradesh Reservation Policy. Students from different categories are given equal opportunity. The students were admitted through online admission to both UG and PG, besides management quota, through the prescribed guidelines of Govt. of A.P. The applicants are being admitted following the Guidelines of Government of A.P.</p>
	Catering to Student Diversity	<p>Students from across various social spheres and also from urban and rural areas. Majority of the students are from</p>

		economically deprived and first-generation graduates. More than 50% of the students are girls. Students with differently abled are admitted in all the programmes and the facilities are provided.
	Teaching-Learning Process	ICT tools and resources are used for the teaching learning processes. Some of the most common teaching aids used are class room instructions, Field study, Industrial visits, Use of LCD, CD's, Language lab etc., The library is kept open from 8.00 am to 6.00 pm with spacious reading rooms, internet facility and digital library with e-Books. Separate reading sections for competitive examination, journals and periodicals are available.
	Teacher Profile and Quality	The Institution has qualified and dedicated teachers. In addition, research supervisors are available. Faculty members of various departments regularly publish papers etc., and present papers during conferences/ seminars/ symposia and act as resource persons in different academic platforms.
	Evaluation Process and Reforms	Semester system is followed which is effective, well ordered educational system with built-in internal Assessment as an integral part. All the question papers are being set and valued by

		<p>the competent external examiners chosen from other institutions and Universities. There is only one valuation for UG programmes. Double valuation is followed for PG programmes, i.e., the first valuation by an internal examiner (minimum of three years PG teaching experience) and the second valuation by an external examiner. If the mark difference between the first and second valuation exceeds a prescribed limit, the paper is referred for third valuation by an external examiner. Students can apply for Reverification and Revaluation of answer paper. If the student did not satisfy with revaluation, then there is a provision for personal verification. Viva-voce examinations are being conducted for dissertations submitted by the PG students. Results are published within 40 days after the examination. A separate Examination wing is functioning as per UGC guidelines.</p>
	Student Performance and Learning Outcomes	<p>Results statement is enclosed at Annexure I. Students are placed through campus interviews and also off-campus interviews.</p>
	Student satisfaction Survey	<p>Yes conducted. Majority of the students feel that their satisfactions on different aspects are highly</p>

		satisfactory. The data are analysed and the results are given in the college web page
3. Research, Innovations and Extension	Promotion of Research and Facilities	Research supervisors with rich expertise in diversified fields of research are available in the College. College is equipped with adequate infrastructure facilities such as laboratories, libraries, computing facility to promote research. Dedicated Research and Development Cell is functioning to promote research and motivate scholars. Meetings on Research methodology, Publications procedure, Ethical aspects of Publications and Research etc., are conducted regularly.
	Resource Mobilization for Research	Teachers and students are regularly encouraged for applying research grants from different funding agencies.
	Innovation Ecosystem	Several academic activities are organized in association with external experts and industry for skill development, understand the recent developments, placements etc., Also teachers extended their expertise to different organizations and institutions in various aspects. The MOUs are signed and linkages are created for enhancing

		research activities.
	Research Publications and Awards	Faculty members publish research articles regularly. A good total of publications was made during the report period. Two patents published in department of Business Administration. Two research scholars awarded their Ph.D. degrees under Guidance of research supervisors in the college.
	Consultancy	The faculty members are encouraged to involve in the consultancy activities.
	Extension Activities	A significant number of extension activities were undertaken by NCC, NSS, RRC, ECO Club, WDC.
	Collaboration	Different activities were conducted in collaboration with different institutions and organizations. Department of Chemistry organized 3 programmes Department of Business Administration organized 5 programmes Department of Computer Science organized 1 programme. Different departments in the college have entered with various corporate houses for organising Industrial study visits, Internship and Placement assistance through MOUs.
4. Infrastructure and Learning Resources	Physical Facilities	There are enough Class rooms, Laboratories, Seminar halls, Auditorium,

		<p>Hostels, Playground, CCTV surveillance and other support services like Open Auditorium, Canteen, Gymnasium, Helipad, Guest rooms, NCC firing range, Gardens and Rest rooms. Ramp facility and rest rooms for physically challenged students are available. 64 class rooms(14 ICT enabled smart classrooms), 22 departmental rooms, 03 seminar halls, 02 libraries, 21 laboratories for sciences, Video conference facility, Plantation area, and Botany-Zoology Museum, Public Addressing System, Akkineni Kalapeetam trains and promotes cultural activities. Student's cooperative store and reprographic facilities available at libraries, Library with 68,000 books enabled with INFLIBNET, DELNET, and Enlist play grounds with sports amenities. Separate hostels for boys and girls, Waiting and dining hall facility with adequate natural ventilation and fan facilities. High Tension 500 KVA power supply with Transformer and generator facility for uninterrupted power supply.</p>
	<p>Library as a Learning Resource</p>	<p>State Art of library with around 68,000 books and journals is kept open from 8.00 am to 6.00 pm. More than 90 Journals/Periodicals are subscribed. Spacious</p>

		reading rooms and stock rooms are available. Separate reading spaces for journals, periodicals and competitive examination. Has internet lab for accessibility. Automated using D-Cap software. Reprographic facilities with nominal charge,
	IT Infrastructure	All the departments have enough Computers, Printers and LCD projector with internet facility and Wi-Fi connection.
	Maintenance of Campus Infrastructure	Done by funds from the Management, State and Central Government funding.
5. Student Support and Progression	Student Support	All the students below poverty line are supported with Government Scholarships. Endowments awards and prizes and merit cum means Scholarships are given. Students are given training through placement cell for job opportunities and higher studies (Free ICET and PG CET coaching). Further, skill development courses, certificate courses and trainings are given for the capacity building. Earn while learn scheme is implemented for students' welfare in library.
	Student Progression	Good number of students progressed for higher studies and students were placed during this report

		period.
	Student Participation and Activities	Students' participation in Sports, cultural activities, NSS and NCC activities are appreciable by participating and winning awards. Students are taken to conferences for paper presentation, workshops for acquiring skills, seminars for updating knowledge, Field trips and Industrial trainings for experiential learning. Participate various extension activities of different service organizations and in which blood donation by the students is highly commendable.
	Alumni Engagement	Different activities were conducted by Alumni. Alumni extend talk, lectures, interactive sessions and training to the students. Also extend service to arrange placement trainings and campus interview.
6. Governance, Leadership and Management	Institutional Vision and Leadership	The vision of the College is to contribute to the advancement of knowledge through teaching, research, publications and dissemination and to train students to acquire good communication skills and leadership qualities so as to mould them to be global citizens. The College has been offering relevant, need based courses from time to time. The mission of the college is to provide education to the youth from agrarian background and to cater to the societal needs

		<p>by shaping the students to be leaders in their chosen fields. To prepare the students meet the needs of changing times the College has been introducing new programmes at UG and PG level on need basis. New faculty members are recruited to handle new programmes. The college applied for autonomy and the staff members are entrusted the responsibility of looking after the academic and administrative bodies right from the Boards of Studies, Academic Council, Governing Body. The autonomous examination cell looks after the examination related activities. Similarly, the statutory bodies as per the norms of UGC, State Government, Affiliating University etc. are formed and the staff members discharge the duties assigned to them. The overall functioning is collective team work with decentralization as per requirement.</p>
	<p>Strategy Development and Deployment</p>	<p>The IQAC meets and prepares a plan of action in the beginning of the year. It reviews the activities undertaken and outcomes achieved during the previous year. The IQAC takes care to see that the college perspective (draft) plan is in alignment to the academic plan of the affiliating university, the UGC, and to the vision and mission of the college. The principal who is the chairperson of the IQAC convenes a meeting of the</p>

		<p>College Council and Staff Council at the beginning of the academic. He seeks the opinions of the staff about the draft plan. Suitable modifications are also made on need basis. Once college finalizes the annual plan it is communicated to all for implementation. It covers academic activity to help the slow learners and guide the advanced learners. The formative and summative assessments are conducted, and the outcomes of each course are understood and articulated by the students. The students are also given training in soft skills, physical training in the form of participation in games and sports, community service. The staff take feedback from the students and necessary improvements are made. In all this process care is taken to enrich the teaching learning process.</p>
	Faculty Empowerment Strategies	<p>There are various committees headed by Principal with Co-ordinator and members for different activities of college. Faculties are allowed with leave on duty to attend Orientation course/Refresher course/ workshop /conference/ refresher courses. In addition to that they are also allowed to do part time Ph.D. / M.Phil. / other courses or programmes.</p>
	Financial Management and Resource Mobilization	<p>Auditing is conducted for all the accounts.</p>
	Internal Quality Assurance System	<p>IQAC is constituted as guidelines. IQAC plays a vital role in planning and</p>


		implementation of quality enhancement strategies. IQAC take steps to improve the quality measures in all aspects.
7. Institutional Values and Best Practices	Institutional Values and Social Responsibilities	The Institution is dedicated for upliftment and empowerment of economically weaker society, rural women and downtrodden people belonging to low socio-economic background. More than 95% of students studying are from families below poverty line. Institution effectively enhance the availability of Government scholarships, management funds, endowment funds to support needy students including physically challenged and outstanding sports students.
	Best Practices	Mentor-mentee system; Internship; Entrepreneurship Development, Awareness activities for the society, Tree plantation, Blood donation are few best practices.
	Institutional Distinctiveness	Started in an agrarian setting, A.N.R. College has been striving to provide education to the youth of the region. This pioneering effort is being continued over seven decades helping in the advancement of the knowledge and skills of these students. The college has been known for its teaching and results. The students are showing more inclination to apply for admission in this college over others. The college has


		<p>been starting need based Programmes from time to time. Incentives are being given to staff undertaking research. Several of our staff have been recognized for their teaching, presentation skills and research and helping our students and those in other academic institutions in this region too. Training the students in good communication, computer and analytical skills to equip them in 21st Century Skills. Emphasis is laid on instilling leadership qualities in students. The college NCC, NSS & WDC wings have been giving training to students in global civic activities and community assistance and development. The college has entered into MOUs with other colleges, companies / industries. Training for various competitive examinations and campus recruitment drives is given importance by the College JKC to help the students getting settled in life.</p>
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Suggestions: -

1. Consultancy services are to be enhanced.
2. Feedback system has to be converted in to online and analyses are to be done for policy implementation.
3. MOU may be increased to extend the academic interactions with different institution and organizations.
4. Orientation needs to be given to the faculty members to obtain external grants for research and other academic activities.
5. Analysis for curriculum could be done using appropriate methods.


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