ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

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IQAC quality Initiatives, Strategies and Implementations

In pursuance of the action plan for performance evaluation assessment and accreditation and quality up gradation of institutions established internal Quality Assurance Cell (IQAC) on 09-06-2016 with an aim to check and improve the quality in the system. IQAC is constituted with all the stakeholders include Students, Alumni, HoDs, Senior Staff Members from both teaching and non- teaching, Management members, members from industry and their nominee, local community. IQAC has been the driving force in all the activities of the Institute

IQAC works effectively towards quality achievement, enhancement and sustenance by establishing all procedures in curricular aspects, teaching-learning processes, research activities, learning resources, student support services and progression, governance, leadership and management activities etc. and ensures the implementation, review and evaluation of all the policies, procedures and contributes significantly

IQAC Objectives:

➢ Develop and maintain consistent system
➢ Improve academic performance
➢ Improve administrative performance
➢ Create quality conscious internally
➢ Work to remove deficiencies
➢ Utilize full potential to improve quality
➢ Channelize efforts towards excellence

IQAC Quality Initiatives:

➢ To conduct orientation programme for the first year students
➢ Signing of MOAs/MOUs with Industries/NGOs/Research Institutions
➢ To participate in NIRF Ranking
➢ To establish Centre of Excellences in various departments
➢ To organize Workshops/Guest Lectures/FDPs/Conferences/Sports Activities
➢ Technical Skill Trainings to Students for Placements
➢ To implement Mentor Mentee System

- ➢ To conduct SWAYAM/MOOCs workshop on how to create ICT lectures
- ➢ To conduct soft skill training for UG Students
- ➢ To conduct gender sensitization to all the faculty and students
- ➢ Signing of MOAs/MOUs with Industries/NGOs/Research Institutions
- ➢ Laboratory equipment and library procurements
- ➢ Preparation of research project proposals & writing scientific/research articles
- ➢ Review of result analysis of first semester
- ➢ Internships for pre-final year students
- ➢ Placement for the pre-final year students and higher education
- ➢ Start-ups and Incubation centers to all the UG Students
- ➢ Redressel of grievances received by stake holders
- ➢ To take the Performance Appraisals of Teaching and Non-Teaching Members
- ➢ Preparation of annual report and conduct of Academic Administrative Audit

IQAC Strategies:

- ➢ Ensure quality enhancement and sustenance
- ➢ Ensure progressive performance of academic, administrative and financial tasks
- ➢ Integrate modern methods in pedagogy
- ➢ Ensure effective support services
- ➢ Ensure transparent evaluation system
- ➢ Encourage research activities
- ➢ Establish connectivity with premier institutes and industry in India and abroad

IQAC Implementations:

IQAC periodically collects reports from various departments/units holding several discussions with the concerned authorities for preparing AQAR on various criteria of the Teaching-Learning Process. In order to review the teaching-learning process, IQAC verifies some contextual review items periodically to ensure the quality of various academic aspects. The nature of the data collection by IQAC from various institutional departments/units for review is outlined below:

The following reports/information/data items are collected from the each department:

- ➢ Course files containing lesson plans in alignment with the Academic Calendar, Time Table,
- ➢ Availability of learning resources are collected at the beginning of the semester.
- ➢ Syllabus coverage, availability of course materials, number of conducted classes, attendance
- ➢ Reports, course assignments, and the respective student performance reports are collected.

- Reports regarding slow-learner and advanced learner are collected for active measures.
- Reports on extracurricular events conducted by the departments and the achievements of the students are also collected.
- Reports on CO, PO & PSO attainment are collected and analyzed.
- CO mapped question papers
- Results of the students at the end of the semester.

Training & Placement (T & P):

The following are collected from T & P cell at the end of the academic session.

- Consolidated report on placement records.
- Report on special training programs for the students conducted by T & P cell.
- Feedbacks of employers.

Research & Development (R & D):

- Reports on R & D activities (publications, patents, funded projects, collaborations, etc.) are collected.

Alumni Association:

- Feedback on the teaching-learning process is collected from Alumni.
- Activity reports of Alumni interactions.

Annual Report and Academic and Administrative Audit:

- IQAC conducts year based Academic and Administrative audits at department level
- On the data collected from various departments/units. Subsequently, the IQAC analyses Academic and Administrative audits report for necessary action.
- Prepared Annual report of the institution.

Principal

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