POST-ACCREDITATION INITIATIVES

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet is committed to achieve academic excellence by promoting values, creating civic responsibility and building global competencies in a dynamic environment. The first assessment and accreditation by NAAC in year 2010 ushered the way for novel ideas of quality nourishment and to take up quality enhancement initiatives.

After the first assessment and accreditation of the institute by NAAC, one of the major initiations was strengthening the institute in all academic aspects and applying for grant of Autonomous status and getting it sanctioned by UGC in the year 2011.

Curriculum for the Future

The institution engineered the modernization of its curricula during the post-accreditation phase, and now significant up gradation and innovative changes are brought in the curriculum.

New academic programmes were introduced to meet the student and society demand. Civil Engineering in UG programme, Structural Engineering and Machine design in PG programmes were added in the year 2013 and 2014 respectively.

The curriculum is designed incorporating: a) recent trends in industry to suit the course syllabi, value added courses, b) soft skills education, c) internships with mini projects in all UG and PG Courses, d) participation in co-curricular, extra-curricular and extension activities such as seminars, group discussions and assignments.

The statutory bodies of autonomy i.e The – Board of Studies (BoS), Academic Council and Governing Body was constituted to fulfill the requirements of autonomous institution. Meetings of these bodies are held regularly and all the

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet

constructive recommendation of the bodies for the improvement of quality of the institution is being implemented.

The changing industry scenarios and advances in technology require added skill sets from potential employees. Impulsion on career growth requires restructuring of the curriculum. The institution is offering skills development courses under the AP state government in collaboration with NSDC. The institution is also offering few training classes to students to improve their technical and personal communication skills.

Teaching –Learning process

Quality Sustenance –

- The process of admission based on academic records and transparency has been continued.
- Student's performance assessment is measured based on Tests, Tutorials, and Orals examinations.
- The encouragement through supplying reference material and providing question bank has been continued for advance learners.
- Lesson (Teaching) plans form faculty members are sought as before and Lesson Plan Monitoring Committee has been monitoring the work as before.

Enhancement Measures –

- College prospectuses, advertisement website, information brochure, are the mechanism used to publicize the information regarding admission.
- Remedial coaching for slow learners is being organized through Institute funds.
- Project, case study, field visits based learning mode i.e. learning by doing has been implemented for advance learners.
- SWOC analysis of students is done at entry level, their academic needs are assessed and accordingly students are helped during the academic

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet

programme. The student performance and counseling records are introduced from I B.Tech.

- Soft Skill Development and finishing programmes are being implemented for 3rd year students. Orientation programmes for first year students are initiated.

- Entrepreneurship development programme has been designed and being implemented for the students.

- Teaching plan monitoring is done by Head of the Departments Fortnight Progress reports are prepared and reviewed regularly.

- Academic calendar is prepared and implemented by Academic section/examination section.

- IQAC has promoted the use of ICT in teaching and learning process.

- Support structures and systems for teaching and learning are installed.

- Language laboratory has been established to enhance English learning.

- Digital Library facility is being utilized by staff and students effectively.

- Question paper setting based on blooms taxonomy is introduced for the benefit of all the categories of students.

- Various innovative teaching and learning methods are being practiced for enhancement of teaching & leaning qualities.

- 100% faculty members are being involved in faculty development programmes

Research, Consultancy and Extension

The research policy of the institute is to initiate and promote research by promoting individual and institutional research. All the research initiatives are streamlined through the Research and Development cell headed by a senior professor at this institute. Conducting workshops/orientations by eminent

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet

scientists /researchers has motivated the researches and increased research output. One RPS project is successfully completed. Two other research projects are under progress. Eight to ten research proposals (for research grant) have been submitted to UGC, AICTE and DST.

Architecture for Excellence Education

The management firmly believes that the good infrastructure is essential for holistic development of the students. The infrastructure and learning resources witnessed a substantial increase in the post accreditation phase.

The major infrastructural enhancements are completion of PG block with 3500Sq.m built up area, full-fledged Examination Center, Placement Cell and six smart class rooms.

The additional infrastructural facilities such as examination section, placement cell and PG block for PG students, parking facility new lawn tennis court, basket ball court, and new stationary stores have enhanced the quality of campus life of the students.

Research & Development cell is established. Three computer Laboratories, language laboratory and up gradation of all the existing laboratories with high end systems were undertaken in the post accreditation period. Library infrastructure is improved further and additional e-resources such as Delnet, ASM and IEEE are made available to students and faculty members. LCD projectors are installed permanently in all seminar class rooms. CCTV systems were installed in all PG class rooms. The installation of CCTV cameras has made the campus more secure. Wi-Fi system is installed covering major parts of the campus. The procurement of licensed software and customized ERP solutions has further enhanced the teaching-learning atmosphere. Students actively using in the newly established badminton courts, lawn tennis court and basket ball courts. Realizing need and importance, sizeable investment is made to provide drinking water plants / units with a capacity of 1500 liters each.

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet

Transforming through Student Support System

True excellence is impossible without adequate focus on the emotional and spiritual needs of the students. The institution has a supportive system for the grooming of future employers. Institute has a very strong and effective system of student mentoring called the "student mentoring system". In this system there is a designated person called Chief Mentor mostly Head of the Department) who is responsible for the smooth running of the system. In this system each faculty member called as mentor is allocated a group of 10-15 students for whom the faculty member will be the academic counselor/advisor/guide/mentor. The faculty member will advise the students regarding the selection of elective subjects, Project work, preparing for interviews etc to name a few and gives suggestion/advices to mitigate his academic and personal problems .

Student with differential learning abilities are motivated constantly by the management and necessary support services are provided to make their campus life meaningful and motivating them to participate in all and extracurricular activities involving them in decisions making, search activities etc. The number of corporate/industry people visiting the campus is on the rise. Entrepreneurship is nurtured through various innovative activities such as training on entrepreneurship; business exhibitions etc. The regular parent-teacher meet enhances stakeholder relationship with institution.

Visionary Governance, Leadership and Management

The commitment of the management to realize the Visionary Governance Mission through its well formulated system of governance has spearheaded the institution to make significant progress in the realm of higher education.

The proposal in the first perspective plan (2004-05) to achieve NBA accreditation for five UG programmes was not fruitful and only one programme i.e. Mechanical Engineering got the accreditation status. The proposal in the second perspective plan (2008-09) to achieve NBA accreditation for five UG

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet

programmes was successful and has achieved accreditation status for five engineering programmes. In the third perspective (2009-10) plan we have achieved 2(f), 12(B) status under UGC act, NAAC accreditation. In the fourth perspective plan (2010-11) autonomy to the institute is achieved and other activities such as faculty welfare measures including medical insurance, implementation 6th pay commission for the faculty members were undertaken.

Internal Quality Assurance system was strengthened by constituting the IQAC of the institute, conduct of bi-annual academic audit, adherence to academic schedule, analysis of performance and stakeholder feedback. The Institute budgetary provisions relating to Library, Academic, Research, Curricular and co-curricular activities and e-resources, infrastructure and maintenance, IT based infrastructure and maintenance are incrementally improved.

Journey in Excellence

The institute has made a mark in the educational mosaic of the nation. There is quest for excellence in every stride of the institution and thirst for social upliftment in the heartbeat of every AITS student and employee. The institution has obtained prime ranking in various national level surveys. The dream of the management fraternity to make this institution into a world class institute is kept alive through an energetic process of academic excellence. The spirit of the institution will never rest till our goal to take the institution beyond the expectations keeping in view that sky is the limit for quality in the progress and development of this institution.

The initiatives taken by the institution after I cycle of accreditation for enhancement of quality of the institution are furnished for your kind perusal and taking further necessary action at your end phase.

Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet