



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACTION TAKEN REPORT (2020 - 21)

Name of the Program: B. Tech (CSE)

#### Employer Feedback:

Suggestions given by the Employer and the actions taken is presented in the following Table.

S.No	Recommendations based on Summarized Employer Feedback	Action Taken Report
1	Increase internship opportunities to build practical work experience and improve coding skills	Students are made mandate for Summer internship after the IV semester and VI semester. To improve the coding skills, courses like Python programming, Data Structures through C, Object Oriented Programming through C++ are included, Skill Oriented Courses like Applications of python-pandas and Web application development using full stack frontend development are introduced in AR 20.
2	Include Emerging technologies in the syllabus	In the revised Syllabus, Open Elective I, II, III & IV are introduced and all the emerging technologies like AR/VR, RPA, ML, AI and so on are included in AR 20.
3	Students need to be aware of ethics, our tradition and should work for societal benefits	Courses like Environmental Science, Constitution of India , Biology for Engineers, Essence of Indian Traditional Knowledge are included in AR 20 syllabus. Students are encouraged to do project on societal issues.

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#### Alumni Feedback:

Suggestions given by the Alumni and the actions taken is presented in the following Table.

S.No	Recommendations based on Summarized Alumni Feedback	Action Taken Report
1	Training Programs must be organized to improve skills for the students	It is decided to offer the enhanced technical courses like Full Stack Development, Problem Solving using Python, R Programming and its Applications as Value added courses to students.
2	Focus more on practical aspects. Projects should be given more importance as evaluation component. Industrial experts must be invited to encourage.	Courses like Engineering Exploration Project, Industry Oriented Minor Project and Socially relevant Project are included in the AR 20. Guest lectures are conducted with industrial experts.
3	Students need to be aware of industry exposure	The Students are taken for nearby industries as Industrial visit. On regular basis Guest Lectures on recent trends by Industrial expert is arranged to the students.

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#### Teacher Feedback:

Suggestions given by the Teacher and the actions taken is presented in the following Table.

S.No	Recommendations based on Summarized Teacher Feedback	Action Taken Report
1	Introduce Active Learning Strategy and awareness of Blooms in outcome-based education	Encouragement is provided to implement Active Learning Strategies to increase the understandability of the concept
2	Students require communication skills and leadership qualities.	Courses like Communicative English, Communicative English Lab, Professional Communication Skills Lab are included in the AR20 curriculum. Projects and internships are done as a team work which help them to develop their team work and leadership qualities.
3	Introduce courses related to requirement of new technologies in Industry	Courses like Programming for Problem Solving using C, Python Programming, Applications of python-numpy, Web application development using full stack frontend development, Applications of python-pandas, Web application development using full stack frontend development are introduced in AR 20 curriculum.

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Name of the Program: B. Tech (CSE)

#### Student Feedback:

Suggestions given by the student and the actions taken is presented in the following Table.

S.No	Recommendations based on Summarized Student Feedback	Action Taken Report
1	Suggested to increase the employability of every student.	AR 20 curriculum is designed with one skill oriented course in each and every semester which makes them more employable.
2	Exposure to latest developments and advances should be known to the students	Experts were invited to share their knowledge to our faculty and students. This helped them to interact with the resource persons and was motivated to do higher studies and take up jobs which has challenging future ahead.
3	Extracurricular and sport facilities are good but more sport amenities provided to the students	All required materials are purchased and they are made available to the students

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