



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Civil Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (CE)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S. No	Stakeholder	Suggestions given	Action Taken Report
01	Alumni	Need to increase computer abilities as well as technical skills such as simulation software expertise.	Plan to add Civil Engineering simulation-oriented courses in the AR23 curriculum.
		Include courses that are trending in industries and emerging areas.	Plan to include courses that are prevalent in industries and new fields as skill-oriented courses to AR 23.
2	Faculty	Industry-oriented/seeking subjects can be incorporated more into the curriculum.	Industry 5.0 courses are planned to be included in the curriculum.
		Include trending fields and product development courses in the curriculum.	Already included in the curriculum further we will follow the same.
3	Parent	Include courses on ethics and moral values.	Included as an induction program in AR 23 curriculum.
		Include some physical activity courses.	Sports, Yoga, and meditation activities are included in AR 23.
		Required a greater number of software training related to civil engineering.	It is already included in the curriculum as a skill-oriented course in AR20 and planned the same in AR23 curriculum.
4	Student	More emphasis is required on placement-oriented courses in civil engineering.	Active MoUs are taken with reputed industries in civil engineering to include industry-oriented courses to increase core placement skills.
		Required number of reference books mentioned in the curriculum that are not available in the library.	According to the mentioned reference books in the curriculum will be provided in the library.


BOS Chairperson
Head of the Department
Dept. of Civil Engineering
ADITYA ENGINEERING COLLEGE (A9)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Electrical and Electronics Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (EEE)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S. No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	More alumni interactions have to be arranged.	More alumni interactions and interactive sessions by alumni are arranged.
		Software related training courses in more number are to be added.	Python and Machine learning courses are included in the curriculum.
		Project developing ideas are to be encouraged.	Prototype model & Project developing ideas are encouraged in final year project.
2	Employer	Smart Microgrid, Electrical and Hybrid vehicle courses are to be included in the curriculum to enhance their knowledge inline with the industry requirements.	Smart Microgrid, Electrical and Hybrid vehicle courses are included in the curriculum to enhance their knowledge inline with the industry requirements.
		Students should enrich in employability skills.	Employability skills courses are included in the curriculum.
		Coding skills are to be improved.	Python and Machine learning courses are included in the curriculum.
3	Faculty	Students should develop ethical and need to work for societal based problems.	Community service project is introduced which enhances the student's problem solving skill towards the real time problems.
		Include AICTE mandate courses	It is existing in the existing curriculum and continued for the further regulations too.
		Include Emerging trends in the Curriculum	Included the Electrical and Hybrid Vehicles and Design of Power Converters Using Engineering Software Tools in the curriculum
4	Parent	Include courses to inculcate ethics and morals on life skills.	Included in the induction program of AR 23 Syllabus

		Provide more number of placement opportunities with better package.	Students are trained with employability and career development skills. The number of placements and Average package of placement has been increased.
		Communication Skills are to be improved.	Included in the induction program of AR 23 Syllabus
5	Student	Increase industrial training practically.	Since internships are now required, students must complete industry training and complete a project as part of their internship.
		Value added courses are to be conducted.	Necessary arrangements will be taken to conduct the value-added courses like "electric vehicles and machine learning".
		students suggested offering more skill-based software courses.	Corresponding skill-based software courses will be taken to conduct like "Python Programming and Cloud Computing".


BOS Chairperson

Head of The Department
 Of Electrical & Electronics Engineering
 Aditya Engineering College (A9)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Mechanical Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (ME)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S. No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Add advanced and trending design software in the curriculum.	The lab courses related to design software is included in AR 23
		Implement software related courses	Skill development labs and software related courses are planned to include in AR23
2	Employer	Include software related courses in the curriculum	Software related courses are planned to include in AR23
		Include design thinking course	It is planned to include in the AR 23 Syllabus
		Try to include industrial oriented courses	Planned to include in the AR 23 Syllabus
3	Faculty	Add Industry Oriented Courses such as Product Design, Industrial Safety and technical related software courses to the curriculum as mandatory course.	It is planned to include in the AR 23 Syllabus
		Don't keep internship and project in same semester.	After discussion with experts will plan to implement this comments.
4	Parent	Mechanical engineering should give more software skills	Included in the AR 23 Syllabus
		Include some extracurricular related courses.	NSS, Sports, Yoga and meditations are included in the first year of AR 23.
5	Student	Need to include industry oriented subject, and software for mechanical engineer	Planned to include in the AR 23 Syllabus
		More industrial visits will give an idea on industry work	Planned to organize some more industrial visits.


BOS Chairperson
Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Electronics & Communication Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN


(Academic Year 2022-23)

Name of the Program: B. Tech (ECE)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Give importance to Core too along with IT.	As suggested, importance is given to both core and IT. In order to improve skills in both, skill-oriented courses, professional elective courses and open elective courses are incorporated in the curriculum.
2	Employer	Technical Skills Should be improved.	As suggested, courses such as Computer Programming, Computer Programming Lab, Python Programming and Applications of Python Programming are included in the early semesters and also few coding related courses are made a part of electives leaving it to the student's choice.
		Do increase the contraction on core training then software.	5 Skill - oriented courses both in the core domain (Arduino and VLSI CAD tools), software related courses (Python Programming and Applications of Python Programming) and Employability skills course are included in AR20 curriculum.
3	Faculty	Industrial visits are required for motivate the students towards core side jobs like RF designer, VLSI, Semiconductor and etc.	Students visited the industries like ISRO, NARL, AM and FM radio stations at Visakhapatnam, etc. in order to get practical exposure.
		Industrial visits should be a part of curriculum. Should be conducted every year.	Internship is made mandatory and there by the students should take the industry

			training and to implement a project as part of Internship.
		Industry oriented/seeking subjects can be incorporated more in the curriculum.	Basic courses related to VLSI Design, Signal Processing, Communication Engineering, Signal Processing and Embedded systems are included as mandatory courses. Students may opt for Honors degree to learn industry oriented /advanced courses.
4	Parent	Educate moral principles, ethics, and incorporate some physical education classes for the students.	Featured in the AR 23 Syllabus introduction programme. Sports, yoga, and meditations are all incorporated in the first year of AR 23.
5	Student	Need Industrial experiences and training methodologies.	<p>Internship is made mandatory and there by the students should take the industry training and to implement a project as part of Internship.</p> <p>Various training methodologies such as workshops, Value added courses and Hackathons are conducted to enhance the skills of the students.</p>
		Need Sports activity.	Sports, Yoga and mediations are included in the first year of AR 23.


BOS Chairperson
Head of the Department
Department of E.C.E.
Additya Engineering College (A9)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Computer Science and Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (CSE)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Need to improve the aptitude skills and technical skills like coding.	Encouragement is provided to improve aptitude skills by training programs from first year onwards and Certifications are mandate for every lab courses.
		Include courses which are trending in industries and emerging areas	The courses are included as Elective courses in AR 23
2	Employer	Apart from the regular academic curriculum, students should be exposed to latest technological trends.	Thrust areas courses are introduced in the Professional and Open Electives. The trainings on various domains of technical content are given to the students.
		Include design thinking course	It is planned to include in the AR 23 Syllabus
		Provide knowledge on all Engineering streams	Included courses like Basic electrical & electronics and basic Civil & mechanical in AR 23 syllabus
3	Faculty	Students should develop ethical and need to work for societal based problems.	Community service project is introduced which enhances the student's problem-solving skill towards the real time problems.
		Include AICTE mandate courses	It is existing in the existing curriculum and continued for the further regulations too.

4	Parent	Teach the students with ethics, moral values.	Included in the induction program of AR 23 Syllabus
		Include some physical activity courses.	Sports, Yoga and meditations are included in the first year of AR 23.
5	Student	More placement trainings are required	Technical team is working as a separate wing and the placement trainings are main objectives of the wing.
		Need Sports activity	Sports, Yoga and meditations are included in the first year of AR 23.



BOS Chairperson

Head of the Department
Department of CSE
Aditya Engineering College (A)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Information Technology

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

Name of the Program: B.Tech (Information Technology)

Alumni Feedback

Suggestions given by the Alumni and the actions taken are presented in the following table.

S.No.	Recommendations based on the Summarized Alumni Feedback	Action Taken Report
1	Suggested Generative AI course to be included.	Planned to add in AR23 Regulation.
2	Conduct Weekly assessments for English Communication.	Incorporated in the form of Professional Society Activity
3	Include Courses related to Software Testing domain.	Already the course Software Testing Methodology is available in the curriculum. However, Will Propose to add more courses in the Domain in AR23 Regulation.

Employer Feedback


S.No.	Recommendations based on the Summarized Employer Feedback	Action Taken Report
1	Suggested to add Courses like Generative AI.	Planned to add in AR23 Regulation.
2	Suggested to add Courses like Data Analysis, SAP.	Course related to Data Analysis is already existing in the current curriculum. Course related to SAP may be taken up as an additional courses(VAC) for interested students beyond college hours
3	Suggested to add Courses like Cyber Security, Data Science	Already the courses are existing in the curriculum as Professional Elective Courses.

Parent Feedback

S.No.	Recommendations based on the Summarized Parent Feedback	Action Taken Report
1	Suggested to add courses on Human Values.	Already the course is present in the curriculum. Also it is introduced in orientation sessions for AR23 regulation.
2	Suggested to add more industry related courses.	Already the courses are present in the curriculum as professional elective courses. Some other courses will be planned to introduce in AR23 also.
3	Suggested to improve the aptitude skills.	All the students are encouraged to take up training for Aptitude from I year onwards.

Student Feedback

S.No.	Recommendations based on the Summarized Student Feedback	Action Taken Report
1	Suggested to add industry related courses.	Already the courses are present in the curriculum as professional elective courses. Some other courses will be planned to introduce in AR23 also.
2	Suggested to add Entrepreneurship Development courses.	Already the course exists in open elective. More courses to be introduced in AR23.


Head of the Department

Head of the Department
Department of IT
Aditya Engineering College



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Petroleum Technology

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (PT)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S. No.	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Need to improve the aptitude skills, technical skills and simulation skills like python, Machine Learning and Data Science.	Encouragement is provided to improve aptitude skills by training programs from first year onwards and Certifications are mandate for every lab courses.
		Include courses which are trending in industries and emerging areas	The courses are included as Elective courses in AR 23
2	Employer	Apart from the regular academic curriculum, students should be exposed to latest technological trends.	Thrust areas courses are introduced in the Professional and Open Electives. The trainings on various domains of technical content are given to the students.
		Provide knowledge on all Engineering streams	Included courses like Basic electrical & electronics and basic Civil & mechanical in AR 23 syllabus
3	Faculty	Students should develop ethical and need to work for societal based problems.	Community service project is introduced which enhances the student's problem-solving skill towards the real time problems.

		Include AICTE mandate courses	It is existing in the existing curriculum and continued for the further regulations too.
4	Parent	Teach the students with ethics, moral values.	Included in the induction program of AR 23 Syllabus
		Include some physical activity courses.	Sports, Yoga and meditations are included in the first year of AR 23.
5	Student	More placement trainings are required	Technical team is working as a separate wing and the placement trainings are main objectives of the wing.
		Need Sports activity	Sports, Yoga and meditations are included in the first year of AR 23.



BOS Chairperson

Head of the Department
Department of Petroleum Technology
Aditya Engineering College (A)
SURAMPALEM-5 437



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Mining Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN


(Academic Year 2022-23)

Name of the Program: B. Tech (Min.E)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Modern Techniques of Mine planning & Design, Advanced Blasting techniques	Mine planning and design, Blast design and related software labs are planned to be included in the curriculum in AR 23.
		Syllabus may be made in line with GATE.	In all the GATE related courses, topics relevant to GATE exam are planned to be included.
2	Employer	In mining practical training is more important	Mandatory Internships are planned to be included in AR23.
		More exposure to industry applications in mining must be included in curriculum.	All the applicable topics were included with case studies from industries.
3	Faculty	Case studies from real life mining situations must be included.	Case studies are planned to be included in AR 23 syllabus wherever applicable.
		Core courses may be introduced in the first year.	Introduction to mining Geology and its related lab have been included in AR 23 II Semester.
4	Parent	Include courses to enhance communication skills.	Communication skill enhancement courses were included in AR 23 Syllabus.
		Make some co-curricular activities as part of the curriculum.	Compulsory courses on either one of NSS, NCC, Sports, Yoga etc. were included in AR 23.

5	Student	Software applications in mining related course may be increased.	Related courses are planned to be included in AR 23 in each semester.
		Include courses to enhance practical knowledge.	For every applicable theory course, lab components are planned to be included in AR 23, where lab can't be accommodated, delivery through case studies from real life mining scenarios are included.


BOS Chairperson
Head of the Department
 DEPARTMENT OF MINING ENGINEERING
 ADITYA ENGINEERING COLLEGE (A9)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Agricultural Engineering

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN

(Academic Year 2022-23)

Name of the Program: B. Tech (Ag.E)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	Need to improve the additional class training for government jobs along with GATE.	Encouragement is provided to improve aptitude skills by training programs from first year onwards.
		Basic computer courses are required for automation.	The courses are included as Elective courses in AR 23
2	Employer	Apart from the regular academic curriculum, students should be exposed to latest technological trends in agricultural engineering	Thrust areas courses are introduced in the Professional and Open Electives. The trainings on various domains of technical content are given to the students.
		Add the industry readiness courses in curriculum	It is planned to include in the AR 23 Syllabus
		Provide knowledge on all Engineering streams	Included courses like Basic electrical & electronics and basic Civil & mechanical in AR 23 syllabus
3	Faculty	Students should develop ethical and need to work for societal based problems.	Community service project is introduced which enhances the student's problem-solving skill towards the real time problems.
		Include AICTE mandate courses	It is existing in the existing curriculum and continued for the further regulations too.
4	Parent	Teach the students with ethics, moral values.	Included in the induction program of AR 23 Syllabus
		Scope for higher education in agricultural engineering.	Conducted awareness class on higher education and conducted GATE class for students.
5	Student	Core companies Placements needed	Placement team is working for attracting the core companies. few core companies already conducted campus placement drives.
		Need Sports activity	Sports, Yoga and meditations are included in the first year of AR 23.



BOS Chairperson

Head of the Department

Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A)



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Artificial Intelligence and Machine Learning

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN


(Academic Year 2022-23)

Name of the Program: B. Tech (AI&ML)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	• Make them work on aptitude skills.	• Online aptitude classes are planned to improve aptitude skills right from first year.
		• Include emerging labs and courses used in industries as part of curriculum.	• Courses are included as Professional Elective courses and Labs as Skill oriented labs.
		• Make them work on online coding platforms to improve coding skills and work according to given test cases.	• Hacker Rank star badge or Certifications are made mandatory for every lab courses.
2	Employer	• Along with regular academic curriculum, Student must be having hands-on exposure to the latest technologies.	• Trainings and Certifications will be offered on different domains. • Workshops, Value added courses and Guest Lectures will be planned.
		• Skill-oriented courses must be introduced in the early bird stage itself so that the student can focus on basics as well as the advancements.	• Professional Elective courses and Skill oriented labs are included.
		• Important courses must be covered before 6 th semester so that students can concentrate on higher studies as well as placements.	• Curriculum planned accordingly.
3	Faculty	• Students must practice ethics and provide solutions for societal needs.	• Community Service Project is introduced to provide solutions for Societal problems.

			<ul style="list-style-type: none"> • Coding competitions will be planned for imposing ethical practice and competitive nature among students.
		<ul style="list-style-type: none"> • Suggested to include latest tools and technologies for real-time experience. 	<ul style="list-style-type: none"> • AI, Analytics and Visualization related tools and packages are introduced as part of labs.
4	Parent	<ul style="list-style-type: none"> • Students must be taught about moral values too. 	<ul style="list-style-type: none"> • Addressed by every faculty about the importance of following moral values in student career.
		<ul style="list-style-type: none"> • Include some physical activity courses to relieve the mental stress. 	<ul style="list-style-type: none"> • Extra-Curricular activities such as Sports, Yoga, NCC, NSS under different clubs are included.
		<ul style="list-style-type: none"> • Students must have basic knowledge on Inter-Departmental courses. 	<ul style="list-style-type: none"> • Basics of Electrical, Electronics, Civil and Mechanical will be introduced as labs in coming regulation.
5	Student	<ul style="list-style-type: none"> • More placement trainings are required 	<ul style="list-style-type: none"> • Technical team is working to improve technical skills and increase the placement opportunities.
		<ul style="list-style-type: none"> • Need Sports activities and fiestas. 	<ul style="list-style-type: none"> • Co-curricular activities under Professional Society Activities and Extra-Curricular activities such as Sports, Yoga, NCC, NSS under different clubs are included


BoS Chairperson
Head of the Department
 Department of AIML
 Aditya Engineering College (A)



ADITYA ENGINEERING COLLEGE

Aditya Nagar, ADB Road, Surampalem

Department of Computer Science and Engineering (Data Science)

STAKEHOLDER'S FEEDBACK ON CURRICULUM AND ACTION TAKEN


(Academic Year 2022-23)

Name of the Program: B. Tech - CSE(DS)

Suggestions given by the stakeholders and the action taken is presented in the following Table.

S.No	Stakeholder	Suggestions given	Action Taken Report
1	Alumni	<ul style="list-style-type: none"> Make them work on aptitude skills. 	<ul style="list-style-type: none"> Online aptitude classes are planned to improve aptitude skills right from first year.
		<ul style="list-style-type: none"> Include emerging labs and courses used in industries as part of curriculum. 	<ul style="list-style-type: none"> Courses are included as Professional Elective courses and Labs as Skill oriented labs.
		<ul style="list-style-type: none"> Make them work on online coding platforms to improve coding skills and work according to given test cases. 	<ul style="list-style-type: none"> Hacker Rank star badge or Certifications are made mandatory for every lab courses.
2	Employer	<ul style="list-style-type: none"> Along with regular academic curriculum, Student must be having hands-on exposure to the latest technologies. 	<ul style="list-style-type: none"> Trainings and Certifications will be offered on different domains. Workshops, Value added courses and Guest Lectures will be planned.
		<ul style="list-style-type: none"> Skill-oriented courses must be introduced in the early bird stage itself so that the student can focus on basics as well as the advancements. 	<ul style="list-style-type: none"> Professional Elective courses and Skill oriented labs are included.
		<ul style="list-style-type: none"> Important courses must be covered before 6th semester so that students can concentrate on higher studies as well as placements. 	<ul style="list-style-type: none"> Curriculum planned accordingly.
3	Faculty	<ul style="list-style-type: none"> Students must practice ethics and provide solutions for societal needs. 	<ul style="list-style-type: none"> Community Service Project is introduced to provide solutions for Societal problems.

			<ul style="list-style-type: none"> Coding competitions will be planned for imposing ethical practice and competitive nature among students.
		<ul style="list-style-type: none"> Suggested to include latest tools and technologies for real-time experience. 	<ul style="list-style-type: none"> AI, Analytics and Visualization related tools and packages are introduced as part of labs.
4	Parent	<ul style="list-style-type: none"> Students must be taught about moral values too. 	<ul style="list-style-type: none"> Addressed by every faculty about the importance of following moral values in student career.
		<ul style="list-style-type: none"> Include some physical activity courses to relieve the mental stress. 	<ul style="list-style-type: none"> Extra-Curricular activities such as Sports, Yoga, NCC, NSS under different clubs are included.
		<ul style="list-style-type: none"> Students must have basic knowledge on Inter-Departmental courses. 	<ul style="list-style-type: none"> Basics of Electrical, Electronics, Civil and Mechanical will be introduced as labs in coming regulation.
5	Student	<ul style="list-style-type: none"> More placement trainings are required 	<ul style="list-style-type: none"> Technical team is working to improve technical skills and increase the placement opportunities.
		<ul style="list-style-type: none"> Need Sports activities and fiestas. 	<ul style="list-style-type: none"> Co-curricular activities under Professional Society Activities and Extra-Curricular activities such as Sports, Yoga, NCC, NSS under different clubs are included


BoS Chairperson
 Head of the Department
 Department of C.S.E (D.S)
 Aditva Engineering College