Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE: 30-03-2024

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2023-24

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Data Base Management systems	Hash join technique has to be introduced in the syllabus
2	Python Programming	Decorators fundamentals has to be introduced in the syllabus
3	Operating Systems	Distributed operating systems fundamentals has to be added in the syllabus
4	Internet of Things	5G IOT Technology has to be introduced in the syllabus
5	Formal Languages and Automata Theory	CYK algorithm implementation using JFLAP has to be added in this syllabus
6	Artificial Intelligence	Image Recognition using AI has to be introduced in the syllabus
7	UNIX Programming	More Case studies has to be included in the syllabus
8	Data Structures through C++	M-way search trees fundamentals has to be added in the syllabus
9	Software Technologies	Block chain technology fundamentals has to be added in the syllabus
10	Machine Learning	Automatic regression has to be added in the syllabus

HOD

CSE DEPARTMENT

M.CHIRANJEEVI M.Tech
Associate Professor & HOD
Department Of Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Tamaram (Vi), Makavarapalem (Md),
Narsipatnam, Anakapalli (Dist.), Pin: 531113
Ph : 8008270027

PRINCIPAL

Principal

Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE: 31-03-2024

STUDENT FEEDBACK ACTION TAKEN REPORT

2023-24

CNO	Observation	Action Taken
S.NO.	Observation 16 learning	The Institute encouraged the students
1	Students requested to provide self learning facilities	for registering NPTEL courses
	lacinities	New certification and diploma
2	Students requested to introduce new job oriented courses	programmes introduced yearly
	Description of the sandyst NCC regular activities	The institution has conducted NSS regular
3	Requested to conduct NSS regular activities and camp	activities and camp
	Students requested for more soft skills	The institution has conducted more soft
4	training programs	skills training programs

DEPARTMENT DEVISETECH

Associate Professor & HOD
Department of Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Tamaram (Vi), Makavarapalem (Md),
Narsipatnam, Anakapalli (Dist.), Pin: 531113
Ph : 8008270027

PRINCIPAL

Principal

Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE: 04-04-2024

ALUMNI FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Recommendation	Action Taken
1	Alumni suggested that to provide job opportunities to fresh bachelors through references of professionals	opportunities through references of professionals
2	Alumni suggested that conduct orientation and training programs to students on various topics to enhance their skills	The college training sessions on industry practices and professional approach by industry professionals
3	Need to strengthen Alumni Association to assist in college development and growth	The institute has taken steps to strengthen alumni association
4	To arrange guest lectures/training or motivational sessions	The Institution has conducted guest lectures/training or motivational speech by inviting reputed academician and experts

DEPARTMENT OF CSE

M.CHIRANJEEVI M. Tech

Associate Professor 8, HOO

Associate Professor 8 theorems

Department Of Company Streene 3 Engineering

Department Of Company Streene 3 Engineering

Avanthi Institute of Engineering & Technology

Avanthi Institute (Md).

Tamaram (Vi). Makavarapaiem (Md).

PRINCIPAL Principal



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada, ACCREDITED BY NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi) Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

S. No	Feedback	Action Taken
1	Need to improve coding skills	Planned to conduct in-house Training session from soft skill trainers for improving soft skills
2	The students are be strong in their aptitude skills, as	Intensive training on aptitude training was planned for the next academic year
3	Need to focus on core competency. Work on soft skills and communication skills.	Focus is given on enhancing student' communication skills and programming solving skills.
4	Industry orientated course work on advanced topics like AI and ML	It is decided to conduct value added courses on Latest softwares
5	Work on hands on tools like C and C#	Students were given special training in C and C++ Programming skills
6	Analytical skills and Communication skills	Students were encouraged to come up with real time engineering problem and think of probable solutions.
7	Need to introduce Internships	As an affiliated institution we are ableunable to introduce new course instead of that we are encourage students towards internships during semester breaks. For industrial exposure to students we are planning industrial visits to all students and providing guest lecturers from industrial experts.



Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 30-03-2024

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2023-24

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Electronic Devices and Circuits	Simpler low-frequency analysis models like re-model and approximate h-parameter models have to be added.
2	Switching Theory and Logic Design	The design of sequential circuits (detectors) has to be added.
3	Signals and Systems	The concept of Band pass sampling has to be added.
4	Random Variable and Stochastic Processes	Spectral Analysis of System Response for random inputs has to be added.
5	Electronic Circuit Analysis	Gilbert's Gain Cell has to be added.
6	Linear Control Systems	An introduction to classical design techniques has to be added.
7	Analog Communication	Analysis of Modern circuits has to be added.
8	Digital Signal Processing	Architectures of modern DSP processors has to be added

DEPARTMENT OF ECE

HEAD OF THE DEPARTMENT EPARTMENT OF ECE awanthi Institute of Engg. & Tech. Makavarapalem, Visakhapatnam Dist-531 113

PRINCIPAL Principal

Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 31-03-2024

STUDENT FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Observation	Action Taken
1	Requested to provide more electives in the fields of AI and Machine Learning.	As our institute is affiliated by JNTUK we are unable to add subject in curriculum. So, we planned to cover latest technologies through value added courses/ Certificate Courses.
2	Requested additional assistance to help them clear certification exams.	Considered and special emphasis was given to certification exams.
3	Requested recreational and team building events.	The students were taken for industrial visits conducted technical fest department - wise for recreational , educational and team building exercises.

HOD

DEPARTMENT OF ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech
Makayarapalem, Visakhapatnam Dist-531 198

PRINCIPAL

rrincipal.

Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 04-04-2024

ALUMNI FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Recommendation	Action Taken
1	Students are to be made aware of the impact AI had on modern developments and must be made aware of the career opportunities in this field.	same and several student seminars were organized to discuss the applicability of AI in daily activities.
2	Students must be encouraged to clear exit exams like GATE and pursue higher education	GATE problems along with their regular curriculum.
3	Frequent interaction may be arranged between alumni and current students to know about the industry trends.	Alumni interactions are arranged for the students for better industry exposure.

HOD

DEPARTMENT OF ECE

HEAD OF THE DEPARTMENT DEPARTMENT OF ECE (anthi Institute of Engg. & Tech. (avarapalem, Vsakhapatnam Dist-531 1) PRINCIPAL Principal



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S. No	Feedback	Action Taken
1	Need to improve coding skills	Planned to conduct in-house Training session from soft skill trainers for improving soft skills
2	The students are be strong in their aptitude skills, as	Intensive training on aptitude training was planned for the next academic
3	Need to focus on core competency. Work on soft skills and communication skills.	Focus is given on enhancing student's communication skills and programming solving skills.
4	Industry orientated course work on advanced topics like AI and ML	It is decided to conduct value added courses on Latest softwares
5	Work on hands on tools like C and C#	Students were given special training in C and C++ Programming skills
6	Analytical skills and Communication skills	Students were encouraged to come us with real time engineering problem and think of probable solutions.
7	Need to introduce Internships	As an affiliated institution we are ablumable to introduce new course instead of that we are encourag students towards internships during semester breaks. For industrial exposure to students we are planning industrial visits to all students an providing guest lecturers from industrial experts.





Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 30-03-2024

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2023-24

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Power System Analysis	Artificial Intelligence Models in Power System Analysis suggested to be added in the syllabus
2	Digital Control Systems	Request to add Software Technologies for ComplexControl Systems in the syllabus
3	Electric Drives	Recommend to add sensor-less control of electric drives and application of advanced control methodologies(fuzzy,neural, robust, pre detective etc)for high performance control of electrical drives in the syllabus
4	Power Electronics	Modular multi level converters, transformeriess inverters for solar PV applications suggested to be
5	Switchgear and Protection	Digital protection of power system has to be added in the syllabus
6	Power Systems-II	Conductor Parameter studies-conductor weight, elastic elongation, plastic elongation, thermal elongation suggested to be added in the syllabus
7	Power System Operation And Control	Distributed frequency regulation in smart grids has to be added in the syllabus
8	HVDC Transmission	Advanced control strategies of VSC based HVDC transmission system, HVDC systems in smart grids has to be added in the syllabus
9	Power systems-I	Micro hydro gravitational vertex electric power turbin has to be added in syllabus
10	Induction and Synchronous Machines	Robust non linear receding horizon control of permanent magnet synchronous machine and sensor less control of IPMSM(Interior permanent magnet synchronous motor) at low speed suggested to be added in the syllabus

HOD

PERARTMENT AFTERE

Department of Electrical & Electronics Engg. Avanthi Institute of Engg & Tech. Makavarapalem, Visakhapatnam - 531113. PRINCIPAL

Principal



Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 31-03-2024

STUDENT FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Observation	Action Taken Conducted more
1	curriculum emphasizes greatly on the skill	workshops Training Programs with experts to develop the skills in students
2	Students requested that lab experiments can be improved to company standards	new technology based lab experiments
3	Provide enough skills on design and problem solving techniques	R&D to eminine the statement more
4	Students requested to provide more industrial visits	The institute decided to arrange more industrial visits.

ad of the Department Part of Electrical & Bect Files Engg. Avanthi Institute of Engg & Tech. Makavarapalem, Visakhapatnam - 531113. PRINCIPAL

Principal

Avanthi Institute of Engg. & Technology Tamaram, Makavarapalem Md.,

Anakapall District., Pin: 531 113



Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 04-04-2024

ALUMNI FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Recommendation	Action Taken
1	Alumni meets should be conducted on regular basis	The college has taken initiative to conduct regular alumni meet in college
2	College should invite alumni as guest speakers and interact with the current students and share their success mantras	On several occasions alumni were invited as guest speakers and resource persons
3	Alumni suggested that Industry and student interaction to be increased	The institute encourages more industrial visits and also invite the industrial persons as speakers to enhance the industrial knowledge among the students
4	Alumni recommended that new programs emphasizing on cutting edge technologies and to cater industry needs	The Institute has Conducted more certificate courses on new technologies which fulfils the industry needs among the students

DELEGATION PORTUGENT Department of Electrical & Electronics Engg. Avanthi Institute of Engg & Tech. Makavarapalem, Visakhapatnam - 531113. PRINCIPAL

Principal Avanthi Institute of Engg. & Technolog Tamaram, Makavarapalem Md.,

Pin: 531 113



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S. No	Feedback	Action Taken
1	Need to improve coding skills	Planned to conduct in-house Training session from soft skill trainers for improving soft skills
2	The students are be strong in their aptitude skills, as	Intensive training on aptitude training was planned for the next academic year
3	Need to focus on core competency. Work on soft skills and communication skills.	Focus is given on enhancing student's communication skills and programming solving skills.
4	Industry orientated course work on advanced topics like AI and ML	It is decided to conduct value added courses on Latest softwares
5	Work on hands on tools like C and C#	Students were given special training in C and C++ Programming skills
6	Analytical skills and Communication skills	Students were encouraged to come up with real time engineering problem and think of probable solutions.
7	Need to introduce Internships	As an affiliated institution we are able unable to introduce new courses instead of that we are encourage students towards internships during semester breaks. For industrials exposure to students we are planning industrial visits to all students and providing guest lecturers from industry experts.





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DEPARTMENT OF MANAGEMENT STUDIES

DATE: 26-5-2023

STUDENT FEEDBACK ACTION TAKEN REPORT FOR THE ACADEMIC YEAR-2023-2024

S.No	Observation	Action taken
1	practical knowledge and learning	The Institute invited the Experts from the field of respective departments for addressing the students.
2	Students requsted for industrial visits	The institute conducted industrial visits in each year
3	Students wanted more number of campus interviews and placements	Institute's placement cell updated with more number of recruiters
4	Students asked for management activities and practical case studies on business environment.	The Institute encouraged management activities and case studies in each semester
5	Teaching methods and teaching aids must be improved	The institute has implemented for ICT methods and planned for smart boards for effective teaching

HOD

MBA Department

Avanthi Institute of Engg. & Teehhalegy
Tamaram, Makavarapalem Md.,
Anakapalii District., Pin: 531 113

Principal



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DEPARTMENT OF MANAGEMENT STUDIES

DATE: 24-05-2023

ALUMNI FEEDBACK ACTION TAKEN REPORT FOR THE ACADEMIC YEAR-2023-2024

S.No	Recommendations	Action Taken
1	Special training sessions should be conduct to identify bright students	Department conducted extra classes to enhance basic skills & Knowledge.
2	Skill development ,job oriented courses were required	The institute yearly conducted job oriented courses
3	Trainers and professional experts must be called to deliver lecture on advance areas	The institute encouraged trainers and professional to deliver advance areas
4	College should invite alumni as guest speakers and interact with the current students and share their success mantras	On several occasions alumni were invited as guest speakers and resource persons
5	There is need to fill the gap between the industry and the curriculum	Several add on and certificate courses were conducted by the experts

MBA Department

Avanthi Institute of Engg. & Technology Tamaram, Makayarapalem Md., Anakanni'i Dietrict., Pin: 531 113 Principal



(Approved by AICTE, Permanently Affiliated to JNTU, GV Vizianagaram Accredited by NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi) Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF MANAGEMENT STUDIES

DATE: 22-05-2023

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM

S.No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Accounting for Mergers	Add depreciation method
2	Legal and Business Environment	Recent legal rights and duties has to be added
3	Financial Management	Investment decision methods under uncertanity has to be added
4	Human Resource Management	Human resource information system (HRIS)has to be added
5	Strategic Management	Improvement of strategic information systems has to be added
6	Manpower Planning Recruitment and Selection	Impact of technology on recruitment process and considering industry trends has to be added
7	Financial Markets and Services	Add participants in financial markets
8	Supply Chain Management and Analytics	Data analysis of supply chain has to be added
9	Employee Relations and Engagement	Add organisational culture and career development opportunities
10	Strategic Financial Management	Better to remove leasing

Avanthi Institute of Engg. & Technology Tamaram, Makavarapalem Md., Anakapalli Dietrict., Pin: 531 113

Principal Principal



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S. No	Feedback	Action Taken
1	Need to improve coding skills	Planned to conduct in-house Training session from soft skill trainers for improving soft skills
2	The students are be strong in their aptitude skills, as	Intensive training on aptitude training was planned for the next academic year
3	Need to focus on core competency. Work on soft skills and communication skills.	Focus is given on enhancing student's communication skills and programming solving skills.
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7	Need to introduce Internships	As an affiliated institution we are able unable to introduce new courses instead of that we are encourage students towards internships during semester breaks. For industrials exposure to students we are planning industrial visits to all students and providing guest lecturers from industry experts.





Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF MECHANICAL ENGINEERING

DATE: 30-03-2024

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2023-24

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Operational Research	Latest optimization techniques suggested to be added in syllabus
2	Advanced Materials	Provide knowledge based industrial oriented sessions on assembly, joining and repair of high performance composite structures suggested to be added in syllabus
3	Heat Transfer	Develop numerical models to address relevant rical transfer challenges in different sectors suggested to be
4	Machine tools Metallurgy & Materials science	Calibration methods: Artefact effect, Global methods, Parametric methods suggested to be added in syllabus
5	Strength of Materials	Lame's theorem should implement in practically suggested to added in syllabus
6	Robotics	Understand the construction of forward kinematics, Inverse kinematic and trajectory solutions for a multi degree of freedom Robots suggested to be added in syllabus
7	Kinematics of machinery	Suspension and compliances theoretical background and practical measuring schemes
8	Production Technology	Advanced casting techniques is suggested to be added in syllabus
9	Design of Machine MembersS	Design procedure of composite materials structures is suggested to be added in syllabus
10	Automobile Engineering	Primary development of advanced vehicles is suggested to be added in syllabus

DEPARTMENT OF ME

Head of the Department Department of Mechanical Engg. Avanthi Institute of Engg. & Tech., Makavarapalem, Anakapalli Dt. -531113



Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF MECHANICAL ENGINEERING

DATE: 31-03-2024

STUDENT FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Observation	Action Taken
1	Students requested to provide training on advanced courses.	The Institute encouraged the students for online courses for upgrading their knowledge
2	Students requested to provide more industrial visits for practical knowledge	
3	Students requested to conduct NSS regular activities and camp	.The Institute has conducted NSS activities and camp
4	Students requested for basics of data science to be introduced	The Institute has Conducted a seminar class for introducing basics of data science



DEPARTMENT OF ME

Head of the Department
Department of Mechanical Engg.
Avan'hi Institute of Engg. & Tech.,
Makavarapalem, Anakapalii Dt. -531113

PRINCIPAL



Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF MECHANICAL ENGINEERING

DATE: 04-04-2024

ALUMNI FEEDBACK ACTION TAKEN REPORT

2023-24

S.NO.	Recommendation	Action Taken
1	Need to strengthen Alumni association to assist in college development and growth	reputed academicians and experts
2	To arrange guest lecturers/training or motivational sessions	The institute has taken steps to strengther alumni association
3	Need to strengthen Alumni association to assist in college development and growth	The Institute has Conducted guest lecturers/training/ motivational speech by inviting reputed academicians and experts



DEPARTMENT OF ME

Head of the Department Department of Mechanical Engg. Avanthi Institute of Engg. & Tech., Makavarapalem, Anakapali Dt. -531113 PTITRE LIPAL



(Approved by AICTE, Permanently Affiliated to JNT University Kakinada, ACCREDITED BY NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi) Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

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