



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada * Approved by AICTE, New Delhi *
Recognized by UGC under section 2(f) of the UGC Act 1956
Aditya Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph 0884 – 2326212

Department of Mechanical Engineering

SUMMARY OF ACTION TAKEN

Consolidated suggestions	Change proposed to the university	Action taken
Add Nano-technology in the curriculum	Application related topics too include in Nano Technology syllabus	Nano fluid preparation and applications in industries & research taught to students as a part of the subject using simulation softwares and seminars
Teach machine maintenance.	Machine maintenance should be placed as study experiments in required laboratories.	Machine maintenance in the laboratories for equipment's taught to students
Add engine design and maintenance in lab curriculum.	Engine design and maintenance should be placed as study experiments in required laboratories.	Design of engine and its maintenance is practiced in the laboratory
Add Industrial training in the curriculum.	Industrial Training should be a part of curriculum.	Students can be given Industrial Training as part of curriculum.


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HEAD-ME
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Mechanical Engineering
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Department of Civil Engineering

SUMMARY OF ACTION TAKEN

Suggestion	Proposed change to the university	Action taken
Student should know about buoyant force.	Buoyant force should be introduced in the unit 2 in Fluid mechanics.	Buoyant forces were taught in the class as a part of unit 2.
In spatial data analysis, some of the methods/techniques are need to explain with the help of GIS software to improve practical idea about analysis tools	Overlay operations; buffer analysis topics in Unit 4 and RS & GIS application in Unit 5,6 Should taught using GIS software.	Spatial data analysis techniques like overlay operations (Unit4) are taught in class by using QGIS software

HEAD - CE

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Civil Engineering
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Department of Electrical & Electronics Engineering

SUMMARY OF ACTION TAKEN

Consolidated suggestions	Change proposed to the university	Action taken
Usage of MATLAB tool to solve Problems is lagging	Usage of MATLAB tool should be placed in the syllabus as a part of a unit in PSA.	One lecture class per week taken for problem solving using MATLAB to improve the problem analysing skills.
Modern tool usage is lagging	Usage of Modern tool should be placed in the syllabus as a part of a unit in ECA-II.	One lecture class per week taken on Simulation of circuits for transient analysis to analyse the circuits in both AC& DC Supply
6 pulse converter wave forms analysis skill is lagging	Usage of 6 pulse converter wave forms analysis should be placed in the syllabus as a part of a unit in HVDC.	one video lecture class on 6 pulse converters taken to improve the analysing skills of converter operation.
EACM: • Energy - Conservation act-2001 • Designing of lighting • Factors affecting low power factor. • Elimination of harmonics	Usage of Energy - Conservation act-2001, Designing of lighting, Factors affecting low power factor, Elimination of harmonics should be placed in the syllabus as a part of a unit in EACM.	• One lecture class per week taken on awareness program on Energy audit. • One lecture class per week taken on designing of lighting • One lecture class per week taken on factors affecting low power factor • One lecture class per week taken on Elimination of harmonics
Practical Knowledge of DC, Induction and Synchronous Motors is lagging	Usage of Practical Knowledge on DC, Induction and Synchronous Motors should be placed in the syllabus as a part of a unit in PECD.	• One practical class per month taken on MATLAB/Simulink and in Lab to improve the problem analysing skills


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Department of Computer Science and Engineering

SUMMARY OF ACTION TAKEN

Consolidated suggestions	Change proposed to the university	Action taken
Session's topics must be more elaborative in web technologies	Concepts of Session should be elaborated in unit 4 of web technologies subject	Topic of session tracking has been added to unit 4 of web technologies
Design skills need to be improved with respect to compiler design	Practical knowledge improvement needs to be emphasized in compiler designing in Unit 2 in Compiler Design	Implementation of LEX programs and design of various parsers to improve practical skills
More knowledge required on OLAP operations and data warehousing concepts	Include OLAP topics in Unit 5 of DWDM	Demonstrated the Online Analytical Processing operations with real time examples
Practical approach is lacking in cyber security	Real life cases and latest trends to be introduced as case studies at the end of every unit.	Additional lectures have been added in curriculum to cover latest trends and practical knowledge in cyber security
Standalone application development to be emphasized as AWT, SWING concepts are not covered in JAVA syllabus	Java programming to be included with AWT and Swing concept in Unit 5	Guest lecture have been arranged on the topic to overcome the gap


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Department of Electronics & Communication Engineering

SUMMARY OF ACTION TAKEN

Consolidated suggestions	Change proposed to the university	Action taken
LCS: If we can teach the root locus technique and control system design with help of modern tool MATLAB, then it will give more insight into the explanation.	MAT LAB related coding exercises on root locus and control system design should be added as a experiment.	Few MAT LAB programs on root locus technique are conducted.
EMI: Introducing advanced concepts what we are using in our daily life such as smart watches, wrist bands, home automation etc	Home automation and Wearable instruments concepts should be added in Unit 5.	One of our final year student project on Home Automation is explained in the Class
Embedded systems: Introducing IOT concepts will be better	add some IOT related concepts in the syllabus.	Few of our final year student projects on IOT are explained in the Class

A. W. K. S. H.

HEAD-ECE

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