

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:99591 76665, 0884 - 2326212

Dr. T. K. Rama Krishna Rao
Principal

Date: 05/08/2021

To,

Chairman, Board of Studies,
Department of CE, JNTUK,
Kakinada

Respected sir,

Sub: Requisition of changes in the curriculum in order to aid for a better curriculum for upcoming academic year...Reg

REF: Feedback analysis report.

I am principal of Aditya College of Engineering & Technology here by requesting you to consider the following suggestions of our faculty members regarding the curriculum of academic year 2020-2021. The suggestions were made based on the feedback collected from various stakeholders. We are sure that the implementation of these modifications can be useful for a better curriculum to enhance the technical exposure in the students. The details of the subjects and need of modifications were attached below. Kindly go through the details and may be adopted.

Principal

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437

PRINCIPAL
Aditya College of Engineering
& Technology
SURAMPALEM-533437

Received
Ratnam
Chairman, BOS.
PROFESSOR
Department of Civil Engineering
University College of Engineering
JNTUK, KAKINADA

06/08/2021

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DEPARTMENT OF CIVIL ENGINEERING		
S.NO.	Course name	Proposed change
1	DDRCS: Design & Drawing Of Reinforced Concrete Structures	Design of entire structure should be placed in the syllabus as a part of Unit 6 in DDRCS.
2	CAE Lab: Computer aided Engineering laboratory	Drawing of Detailed plans of buildings in AutoCAD should be added so as to learn the software as well as preparing the student industry ready.
3	CT Lab: Concrete Technology laboratory	Determination of crushing value, Impact value, Flakiness and Elongation index should be added as extra tests.
4	FM: Fluid Mechanics	Buoyant force should be introduced in the Unit 2 in Fluid mechanics.
5	GIS: Geographical information Systems	Overlay operations; buffer analysis topics in Unit 4 and RS & GIS applications in Unit 5, 6, should be taught using GIS software.

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Department of Civil Engineering
University College of Engineering
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Dr. T. K. Rama Krishna Rao
Principal

Date: 05/08/2021

To,

Chairman, Board of Studies,
Department of EEE, JNTUK,
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R. Srinivasallu

Professor
Dept of Elec & Electronics Engg
University College of Engg
J.N.T University Kakinada
KAKINADA-533 003

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING		
S.NO.	Course name	Proposed change
1	PSA: Power System Analysis.	Usage of MATLAB tool should be placed in the syllabus as a part of a unit in PSA.
2	ECA-II: Electric Circuit Analysis.	Usage of Modern tool should be placed in the syllabus as a part of a unit in ECA-II.
3	HVDC: High voltage DC.	Usage of 6 pulse converter wave forms analysis should be placed in the syllabus as a part of a unit in HVDC.
4	EACM: Energy Audit and Conservation & Management.	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.
5	PECD: Power Electronic Controllers& Drives.	Usage of Practical Knowledge on DC, Induction and Synchronous Motors should be placed in the syllabus as a part of a unit in PECD.

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R. Srinivasulu

Professor
Dept of Elec & Electronics Engg
University College of Engg
J.N.T. University Kakinada
KAKINADA-533 003

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Dr. T. K. Rama Krishna Rao
Principal

Date: 05/08/2021

To,

Chairman, Board of Studies,
Department of ME, JNTUK,
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Aditya College of Engineering
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SURAMPALEM-533437

Director
Institute of Science and Technology
Jawahar Lal Nehru Technological University, Kakinada
KAKINADA-533 003, (A.P) India

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DEPARTMENT OF MECHAICAL ENIGINEERING		
S.NO.	Course name	Proposed change
1	NT: Nano Technology	Application related topics include in UNIT 5 in Nano Technology.
2	MT Lab: Machine tools Lab	Machine maintenance should be placed as study experiments in MT Lab.
3	TE Lab: Thermal Engineering Lab	Engine design and maintenance should be placed as study experiments in TE Lab.
4	HT: Heat Transfer	Live examples should be included in UNIT 2,4

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Dr. T. K. Rama Krishna Rao
Principal

Date: 05/08/2021

To,

Chairman, Board of Studies,
Department of ECE, JNTUK,
Kakinada.

Respected sir,

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PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437

Received

A. m. prasad
PROFESSOR OF ECE
DEPARTMENT OF ECE
UCEK JNTUK KAKINADA

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NO.	Course Name	Proposed change
1	LCS: Linear Control Systems.	MATLAB related coding exercises on root locus and control system design should be added as an experiment.
2	EMI: Electronic Measurement & Instrumentation.	Home automation and wearable instruments concepts should be added in UNIT 5.
3	CN: Computer Network	Network security concept should be added in UNIT 2
4	ES: Embedded Systems	IOT related concepts should be added in UNIT 5

Principal

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A. m. prasad

PROFESSOR OF ECE
DEPARTMENT OF ECE
UCEK JNTUK KAKINADA

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Dr. T. K. Rama Krishna Rao
Principal

Date:05/08/2021

To,

Chairman, Board of Studies,
Department of CSE, JNTUK,
Kakinada.

Respected Madam,

Sub: Requisition of changes in the curriculum in order to aid for a better curriculum
for upcoming academic year...Reg

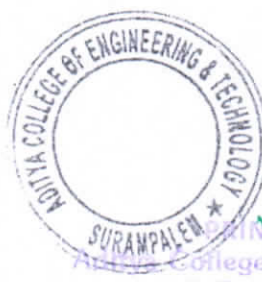
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Received
Sanjay
PROFESSOR
Dept. of Computer Science & Engg
N. T. U. College of Engineering
KAKINADA - 533 003.

Enclosures:

- 1) List of changes proposed



Principal
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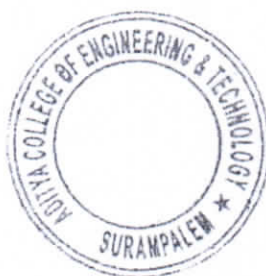
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LIST OF CHANGES PROPOSED

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING		
S.NO.	Course name	Proposed change
1	Web Technologies(WT)	Concepts of Sessions should be elaborated in Unit 4 of web technologies subject
2	Compiler Design(CD)	Practical knowledge improvement need to be emphasized in compiler designing specifically in Unit 2
3	Data Warehousing and Data Mining(DWDM)	Include OLAP topics in DWDM subject Unit 5
4	Cyber Security(CS)	Real life cases and latest trends to be introduced as case studies at the end of every unit
5	Java Programming(JP)	Java programming to be included with AWT and Swing concepts in Unit 5

Approved
PROFESSOR
Dept. of Computer Science & Engg
V. T. U. College of Engineering
KAKINADA - 533 003



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