

Department of CIVIL Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2021-2022

Observations	1.Building Drafting course-Hands of experience Need 2. Steel Drawing course-Hands of experience Need
Recommendations	1.Recommended to conduct add-on/certificate/ value added course on Building Drafting course . 2.Recommended to conduct add-on/certificate /value added course on Steel Drawing /Drafting .
Action taken	1 conduct add-on/certificate/ value added course on Building Drafting course by APSSDC

Joenkat D Incharge

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Department of CIVIL
TIRUMALA ENGINEERING COLLEGE
JONNALAGADDA (V), Narasaraopet (Md.).



Department of Electrical and Electronics Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2021-2022

Subjects and labs	1.Carrer guidance
	2. IOT laboratory
	3. IOT using aurdino
recommendations	1.Recommended to conduct add-on/certificate course on IOT using aurdino
	2.Recommended to install IOT laboratory
	3.Recommended to schedule employability skills class in time tables
Action taken	1.certificate course on IOT using aurdino and introduction to smart grid was implemented.
	2.IOT laboratory was installed.
	3. carrer development i.e., employability skills class were arranged.

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DEAPARTMENT MECHANICAL ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2021-2022

Subjects and Labs to be concentrated	1. Nano Technology 2.ANSYS
Recommendations	1.Certificate Course on "ANSYS" is ecommended 2. Recommended to conduct a Guest lecture on Nano Technology
Action taken	1.Five days Certicate Course on "ANSYS" is conducted. 2. Certificate course is conducted on CATIA

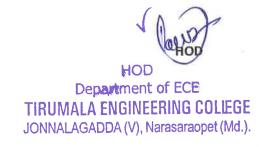
Head of the Department
Mechanical Engineering
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Action Taken Based on Stakeholder's Feedback for Enrichment of Curriculum 2021-2022

Subjects and Labs to be concentrated	 W&WTD IOT ECA VLSI Lab DICA Lab
Recommendations	Workshop on Embedded systems is recommended Recommended the certificate course/Addon course a. FPGA implementation of VLSI Circuits b. IOT c. Blockchain Technology d. Machine learning e. Digital and Analog IC Design f. Cryptography g. Antenna design and applications
Action taken	 A five-day certificate course on "FPGA implementation of digital circuits using XILINX VIVADO" is conducted for III/IV B.TECH. Workshop on Embedded systems is conducted for III/IV B.Tech. A Certificate course on PCB Design is conducted for II/IV B.TECH. Certificate course on Analog IC Design for IV/IV B.Tech is conducted. A Workshop was conducted on smart antenna design using HFSS and CST.



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DEAPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2021-2022

Observations	No Hand on sessions on Cloud technologies, Block Chain
Subjects and Labs to be concentrated	Cloud Computing(AWS), Cyber Security Tool, Block Chain
Recommendations	 workshop on Amazon Web Services. Recommended to conduct a Guest lecture on Artificial Intelligence. Recommended workshop on Cyber security
Action taken	1. Guest lecture is conducted on Amazon Web Services workshop 2. Add on Course on Cyber security is conducted 3. Add on Course on Block Chain is conducted

ACTION TAKEN BY THE DEPARTMENT ON CURRICULUM

2020-21



Department of Applied Sciences & Humanities

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR :2020 -2021

Observations	1.No practical sessions on Thrust areas in chemisrty
	2.No practical sessions on employability skills for modern engineers
Recommendations	1. Thrust areas in chemistry
	2. Employability skills for modern engineers
Action taken	1. Conducted certificate course Thrust areas in chemistry for modern engineers
	2. Conducted certificate course on Employability skills for modern engineers

Signature of H.O.D

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DEAPARTMENT MECHANICAL ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2020-2021

Subjects and Labs to be concentrated	1. Welding Technologies 2.ANSYS
Recommendations	1.Certificate Course on "ANSYS" is ecommended 2. Recommended to conduct a Guest lecture on Welding Technologies
Action taken	1.Two week Certicate Course on "CATIA" is conducted. 2.Guest lecture is conducted on Welding Technologies

Head of the Department Mechanical Engineering TIRUMALA ENGINEERING COLLEGE

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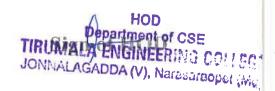
TIRUMALA ENGINEERING COLLEGE

Department of computer science and Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2020-2021

Observations	1. No practical sessions on internet of things2. No practical sessions on ai and its applications
recommendations	 FULL STACK DEVELOPMENT AI AND ITS APPLICATIONS INTERNET OF THINGS MACHINE LEARNING USING PYTHON
Action taken	1.Conducted add on courses on iot2. Conducted add on courses on machine learning3.Conducted add on courses on ai and its applications





Department of Electrical and Electronics Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR :2020 -2021

Subjects and labs	1.Applied robot control2.Carrer guidance3.Library4.Managerial skills
recommendations	 Applied robot control is to be taught Managerial skills in point of industries are to be added Carrer building guidance are to be provided Competitive exam books and journals related to electrical devlopments are to be added in library
Action taken	 Managerial economics and financial analysis has been implimented as Elective Applied robot control had been taught as special lab course. Career building programs i.e soft skills programmes and gate coaching classes were arranged. Journals on recent developments and competitive exam books are added in library. Certificate courses on fundamentals on drone technologies and electric vehicles was implemented Value added courses on a.i techniques was implemented.

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DEPARTMENT OF CIVIL ENGINEERING

Action Taken Based Stakeholders Feedback For Enrichment Of Curriculum 2020-2021

Subjects and Labs to be concentrated	 Geotechnical Engineering Laboratory especially for soil enhancements GIS &CAD
Recommendations	1.work shop on ETABS is recommended 2.Recommended to conduct a guest lecture on WRE 3.Recommended to conduct a short term training program on soil and cement stabilization
Action taken	1.one week work shop on ETABS is conducted 2.Guest lecture is conducted on WRE 3.on soil stabilization a 5 day STTP is conducted

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DEAPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Action taken based on stakeholders feedback for enrichment of curriculum

2020-2021

Observations	 Need workshop on Antennas and wave propagation. Applications on VLSI need to be concentrated.
Recommendations	 Workshop on "Design of antennas using HFSS" is recommended Recommended to conduct a Guest lecture on Advanced VLSI. recommended to conduct a guest lecture on IOT
Action taken	 1.3 day workshop on "Design of antennas using HFSS" is conducted. 2. Guest lecture is conducted on Advanced VLSI. 3. Guest lecture on IOT is conducted.

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ACTION TAKEN BY THE DEPARTMENT ON CURRICULUM

2019-20



Department of Applied Sciences & Humanities

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2019-2020

Observations	1.No practical sessions on Advanced Concepts in chemisrty2. Less practical sessions on physics of semiconductors
Recommendations	1.Advanced Concepts in chemistry 2.physics of semiconductors
Action taken	 Conducted certificate course Advanced Concepts in chemistry Conducted certificate course on physics of semiconductors

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DEAPARTMENT MECHANICAL ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2019-2020

Subjects and Labs to be concentrated	1. Insustrial Robotics 2.CATIA
Recommendations	1.Certificate Course on "CATIA" is recommended 2. Recommended to conduct a Guest lecture on Insustrial Robotics
Action taken	1.Three week Certicate Course on "CATIA" is conducted. 2.Guest lecture is conducted on Insustrial Robotics

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Department of Electrical and Electronics Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR :2019 -2020

Subjects and labs	1.Electrical simulation lab
	2.Career guidance
	3. Library
	4. Plc and its applications
	11
recommendations	1. plc applied to electrical engineering is to be taught
	2. electrical simulation lab experiments related to control
	systems are to be added
	3. career building guidance are to be provided
	4. number of books and technical magazines are to be
	increased in library
Action taken	1.plc applied to Electrical Engineering has been
	implimented as Elective
-	2. simulation experiments related to control systems are added.
=	3. career building programs i.e implant training are implemented.
	4. new books and technical magazines are increased in library.
	5. certificate courses on robotics and automation and
	value added courses on renewable energy sources and
	photovoltaics were arranged.
	6. guest lecturer on advanced power generation and its
	methods was organised

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DEPARTMENT OF CIVIL ENGINEERING

Action Taken Based Stakeholders Feedback For Enrichment Of Curriculum 2019-2020

Subjects and Labs to be concentrated	Auto cad lab Engineering geology lab
Recommendations	Nork shop on ARC GIS is recommended Recommended to conduct a guest lecture on pavement design Recommended to add a short value added course on STAAD
Action taken	1.one week work shop on ARC GIS is conducted 2.Guest lecture is conducted on pavement design 3.Done an one week workshop on STAAD

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Department of computer science and Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2019 -2020

Observations	1. No practical sessions on python
	2. No practical sessions on python with numpy
	3. No practical sessions on data science
recommendations	1.DATA SCIENCE USING MACHINE LEARNING
	2.BLOCK CHAIN
	3.COMPUTER VISION
Action taken	1.Conduct add on course on data science using machine learning
	2.Conduct workshop on block chain
	3.certificate course on computer vision

Department of CSE

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DEAPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2019-2020

Observations	 Electro Magnetic Theory to be concentrated Antenna and Wave Propagation applications should be covered requires IoT applications Need Electronic Workshop Lab/ Electronic
	Devices Lab.
	1. Hands-on session for PCB Design is
	recommended.
Recommendations	2. Practical sessions to be conducted on EM fields
	and radiation patterns.
	3. Advanced Softwares like Lab-View, HFSS
-	should be available in the Department.
	4. Workshop on IoT is recommended.
	1. Hands-on session on "Smart PCB Design" is
Action taken	conducted.
	2.Guest Lecture on "Electromagnetic fields and
	antennas with applications" is organized.
	3. Advanced softwares are installed.
	4. Organized a Workshop on Robotics & loT

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ACTION TAKEN BY THE DEPARTMENT ON CURRICULUM

2018-19



Department of computer science and Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2018 -2019

Observations	 No practical sessions on web designing No practical sessions on data science
vocemmen detions	3. No practical sessions on R programming 1.IOT GADGET DEVELOPMENT
recommendations	2. WEB DESIGNING 3.DATA SCIENCE USING R PROGRAMMING
Action taken	1.Conducted add on courses on web designing 2.Conducted add on courses on data science 3.Conducted add on courses on R programming

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DEPARTMENT OF CIVIL ENGINEERING

Action Taken Based Stakeholders Feedback For Enrichment Of Curriculum 2018-2019

Subjects and Labs to be concentrated	 surveying fieldwork laboratory Environmental engineering laboratory
• Recommendations	1. Work shop on 3D's max is recommended 2. Recommended to conduct a guest lecture on municipal water treatment. 3. Recommended to conduct a short term training program on Ground improvement techniques
Action taken	1.one week work shop on 3D's max is conducted 2.Guest lecture is conducted on municipal water treatment 3.On ground improvement techniques a 3 day STTP is conducted





DEAPARTMENT MECHANICAL ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2018-2019

Subjects and Labs to be	1. ROBOTICS
concentrated	2.ROBOTICS
Recommendations	1.Certificate Course on "ROBOTICS" is recommended 2. Recommended to conduct a Guest lecture on ROBOTICS.
Action taken	1.Three week Certicate Course on "ROBOTICS" is conducted. 2.Guest lecture is conducted on ROBOTICS

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Department of Electrical and Electronics Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2018-2019

Subjects and labs	 Optimisation techniques Carrer guidance Library Plc and its applications
recommendations	1. plc applied to electrical engineering is to be taught 2. optimisation techniques are to be added 3.carrer building guidance are to be provided 4. technical magazines and journals related to electrical devlopments are to be added in library
Action taken	1.optimisation techniques has been implimented as Elective 2.plc/ scada with hands on experience titled certificate coursehas beenorganised. 3.career building programs i.e communication skills programmeswere arranged. 4.journals on recent developments and technical magazines are added in library. 5.certificate courses on electrical analysis with etap and value added courses ondesign of power electronics drives by matlab was implemented. 6. value added workshop on core and advanced java was organised

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Department of Applied Sciences & Humanities

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR :2018 -2019

Observations	1.No practical sessions on synthesis of nanomaterials
	2. No practical sessions on fundamental elements of electrical and magnetic phenomenon
Recommendations	1. synthesis of nanomaterials
	2. fundamental elements of electrical and magnetic phenomenon
Action taken	1. Conducted workshop on synthesis of nanomaterials
	2. Conducted certificate course on
	fundamental elements of electrical and magnetic phenomenon

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DEAPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2018-2019

Observations	 Digital signal Processing to be covered. VLSI applications to be covered.
Recommendations	 Hands-on sessions on MATLAB and Simulink are recommended. Guest lecture on Advanced topics in VLSI is recommended.
Action taken	 Guest Lecture "on Logical Efforts in VLSI" is organized. Organized an "In-house training on MATLAB and Simulink Software Testing Tools" organized by IETE Student Forum. Guest lecture on "Sub band coding in DSP" on is organized.

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Department of ECE TIRUMALA ENGINEERING COLLEGE JONNALAGADDA (V), Narasaraopet (Md.).

ACTION TAKEN BY THE DEPARTMENT ON CURRICULUM

2017-18



Department of computer science and Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2017 - 2018

 No practical sessions on artificial intelligence No practical sessions on python lab
1.PYTHON 2.MACHINE LEARNING 3.IOT
1.Hands on workshop on python2.Conducted add on courses on machine learning3.Conducted add on courses on iot

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Department of Applied Sciences & Humanities

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR :2017 -2018

Observations	Less practical sessions on communication skills
Recommendations	Communication skills classes need to be arranged
Action taken	Proposed to Conducted workshop on communication skills

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DEAPARTMENT MECHANICAL ENGINEERING

Action taken based stakeholders feedback for enrichment of curriculum

2017-2018

Subjects and Labs to be concentrated	1.Thermal Engineering 2.AUTOCAD
Recommendations	1.Certificate Course on "AUTO CAD" is recommended 2. Recommended to conduct a Guest lecture on Thermal Engineering.
Action taken	 3.recommende to conduct a guest lecture on IOT 1. Three week Certicate Course on "AUTO CAD" is conducted. 2. Guest lecture is conducted on Thermal Engineering .

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DEPARTMENT OF CIVIL ENGINEERING

Action Taken Based Stakeholders Feedback For Enrichment Of Curriculum 2017-2018

Subjects and Labs to be concentrated	Transportation engineering lab AUTO CAD lab
Recommendations	1. Work shop on QA&QS is recommended 2. Recommended to conduct a guest lecture on NEW CONSTRUCTION METHODOLOGY 3. Recommended to conduct project expo to enhance the skill
Action taken	1.one week work shop on QA&QS is conducted 2.Guest lecture is conducted on NEW CONSTRUCTION METHODOLOGY 3. project expo is conducted

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Department of Electrical and Electronics Engineering

Action taken based on stakeholders report for enrichment of the curriculum

ACADEMIC YEAR: 2017-2018

Subjects and labs	 Intellectual property rights Carrer guidance Library VLSI design
recommendations	1.VLSI designing is to be taught 2. intellectual property rights are to be added 3.carrer building guidance are to be provided 4. competitive exam books and journals related to electrical devlopments are to be added in library
	1.intellectual property rights has been implimented as Elective 2.VLSI design had been taught as subject. 3.career building programs i.e communication skills programmes and gate coaching classes were arranged. 4.journals on recent developments and competitive exam books are added in library. 5.certificate courses on solar power plant installations and maintainence training programmes was implemented 6.value added courses on Orcad ,matlab and robotics were implemented.





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DEAPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2017-2018

Observations	1. Practical session on Digital Image Processing is required.
	2. need guest lecture on Satellite Communication.
Recommendations	1. Courses on communication skills are to be planned.
	2. Guest Lectures on advanced technologies in
	image processing and Satellite Communication
	are recommended.
Action taken	1. Seminar on "Recent Advances in Space Craft Technology" is organized.
	2. A Guest Lecture on "Satellite Technologies
	advances" is organized.
	3. Guest Lecture on "Advances in Digital Image
	Processing is organized.
	4. Organized Skill Connect program under IEEE

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