## ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM

### ACADEMIC YEAR: 2022-23

| | |
|---|---|
| Subjects and labs to be concentrated | 1. Design of Reinforced Concrete Structures<br>2. Environmental Engineering<br>3. Design of Steel Structure |
| Recommendations | 1. Practical Exposure on steel and concrete structures<br>2. Site Visits to be taken<br>3. Career Counseling should be given to students |
| Action taken | 1. Expert lectures were organized<br>2. Students are taken to Industrial Visits like National Academy of Construction<br>3. Field visit organized at the treatment plant |

HOD (Civil)

Head of the Department
Civil Engineering
Matrusri Engineering College
Saidabad, Hyderabad.

# Matrusri Engineering College

(Sponsored by: MATRUSRI ERDUCATION SOCIETY, Estd: 1980)

An Autonomous Institution | Approved by AICTE, Affiliated to Osmania University

# 16-1-486, Saidabad, Hyderabad-500059. Ph: 040-24072764

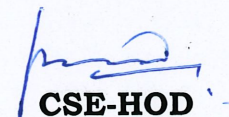## Department of Computer Science and Engineering

Email-ID: hodcse@matrusri.edu.in                Website: www.matrusri.edu.in

## _Action taken based on stake holders feedback on curriculum_

### 2022-2023

| | |
|---|---|
| **SUBJECTS** | Computer Organization<br>Blockchain Technology |
| **RECOMMENDATIONS** | 1.Suggested to include 8086 microprocessor in the curriculum instead of 8085.<br>2. Lab sessions on subjects like Blockchain, and Data Science using R programming are to be added in the curriculum. |
| **ACTION TAKEN** | 1. Webinar on "Web3 and Blockchain with Us" is organized to CSE III yr and IV yr students.<br>2. Hands-on sessions like "Digital twin" were organized to all the students to encourage and improve coding skills.<br>3. Department organized workshops like "Problem solving and ideation", "Recent trends in Data Science". |

**CSE-HOD**

## ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM

### ACADEMIC YEAR: 2022-23

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|---|---|
| **SUBJECTS & LABS** | 1. Switchgear and Protection<br>2. Electrical Circuits Lab<br>3. Innovation and Ideation<br>4. Career Guidance<br>5. Library |
| **RECOMMENDATIONS** | 1. To conduct guest lectures on Switchgear and Protection.<br>2. To include additional experiments (simulation) in Electrical Circuits Lab.<br>3. To organize sessions on Entrepreneurship, Innovation, Ideation and Startup. |
| **ACTION TAKEN** | 1. A guest lecture on "Gas Insulated Switchgear in Transmission and Distribution of Power" organized for the students.<br>2. Additional simulation experiments included in the Electrical Circuits Lab.<br>3. A session on "Entrepreneurship and Startup" organized for the students.<br>4. A session on "Innovation and Startup Ecosystem Enablers" organized for the students.<br>5. A session on "Problem Solving and Ideation Workshop" organized for the students. |

HOD-EEE
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### *Action taken based on students feedback for enrichment of curriculum*

### 2022-2023

| SUBJECTS AND LABS TO BE CONCENTRATED | 1. Signal processing<br>2. Machine Learning<br>3. Wireless communication |
|---|---|
| RECOMMENDATIONS | 1. Recommended to organize a workshop on A Workshop on Advances in signal processing is recommended<br>2. A Workshop on Machine learning is recommended<br>3. A Guest lecture on Project work & Research is recommended |
| ACTION TAKEN | 1. Organized a value Added Course on "Artificial Intelligence & Machine learning".<br>2. Organized IEEE SPS Seasonal School on "Recent Advances in Signal Processing and Coding Techniques using Simulation Studies".<br>3. Organized IEEE SPS Seasonal School on "Advanced Signal Processing using Machine Learning Techniques"<br>4. Organized a Guest Lecture on "Terahertz-chip-scale Systems for Intelligent Sensing and 6G Communication" |

**HOD**
..ad of the Department
..ronics & Communications Engineeri
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Saidabad, Hyderabad.

ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR
ENRICHMENT OF CURRICULUM

ACADEMIC YEAR: 2022-23

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|---|---|
| Subjects and labs to be concentrated | 1. Latest Technology Exposure<br>2. Industry Visits<br>3. Electrical Vehicle Technologies<br>4. Simulation Software |
| Recommendations | 1. Expert Talks from reputed organizations.<br>2. More Internship Facilities to be made available to students for better industrial Exposure.<br>3. Students are advised that "Active participation in various Events". |
| Action taken | 1. Expert talks were arranged for Students (Lecture on "Quality Assurance on Missile System", Technical Session on "Achieving Problem Solution Fit and Product Market Fit" & Seminar on "Robotics in The Present World").<br>2. Department organized Industrial Visits (**1.** Nuclear Fuel Complex, NFC Road ECIL Hyd, **2.** Sungrace Energy Solutions Pvt. Ltd. Nacharam, Hyderabad)<br>3. Internships are made mandatory for the students and asked to do in Reputed organizations (ASL, BDL, Medha Servo, RCI, Spark Insulators, Syntra Tech and TATA)<br>4. Department organized various events like Workshop on "Flownex -Thermal Fluid Simulation Software", Workshop on Electrical Vehicle Technologies & Battery Management" & Workshop On "Product Development Using 3d Technologies" |

*M. v Kishm*

HOD (MECH)

## ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM

### ACADEMIC YEAR: 2022-23

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| Subjects and labs to be concentrated | 1. Block Chain Technology<br>2. Natural Language Processing<br>3. MOOCS Courses |
| Recommendations | 1. Lab sessions on subjects like Natural Language Processing, Block Chain, Data Science using R Programming are to be added in the curriculum.<br>2. Suggested to include 8086 microprocessor & ARM in the curriculum. |
| Action taken | 1. Seminar on "Amazon Web Services(AWS)","Recent Trends in Data Science for Engineering" were organized to IT II & III year students.<br>2. Hand-on sessions like "ARM Contex-M3 Applications" , "Android application development" were organized to all the students to encourage and improve coding skills.<br>3. Department organized workshops like "Design thinking, Critical thinking & Innovation design". |

HOD (IT)