List of Seminars/Workshops

A.Y.2019-20

S.No	Name Of the Programme	Date	No. Of Participants	Details Of The Resource Person
1	Research Enriched Perspective on Emerging Materials and Technologies	09-07-2019	35	R.Rathaiah Asst. Prof Department Of Civil Andra University
2	A One Day Seminar Research on Biometric Based Authentication	16/09/2019	37	K. Bhaskera Rao, Mtech, Asst. Professor Department of Ece Cr Engineering College,
3	A One Day Webinar on The Metaverse	18-09-2019	104	Mrs. A.Vasavi Smk Soft Inc
4	A Seminar on Research on Protection of Transmission System by Using Global Positioning System	17/10/2019	39	Ch. Sudha, Asst.Prof Eswar College Of Engineering, Narasaraopet, Cell :8688554692 E-Mail: Sudhach123@Gmail.Com
5	A Seminar on Research on Hard Materials and Its Applications	19/11/2019	58	Mr.Sk .Meera Vali, E-Mail; Meravalishaik20@Gmail.Com Cell No;9000976388, College; VaraprasadareddyInistitute Of Technology And Management.
6	Research Embedded Investigation in To the Application of Artificial Intellectual	20-01-2020 To 21-01-2020	37	R Rathayya Asst. Prodepartmentof Civil Au
7	A Two-Day Workshop on Machine Learning Using Python	10-02-2020 TO 11-02-2020	52	J. LAKSHMI, Asst.Professor, Dept of CSE, TIRUMALA ENGINEERING COLLEGE. Email: lakshmi81@gmail.com
8	A Two-Day Workshop Research on Smart Irrigation System Using IOT	11-02-2020 To 12-02-2020	35	N. Ramesh Babu, Mtech Assistant Professor Department Of Ece St. Mary's Women's Engineering College

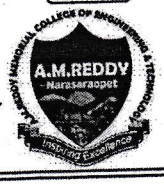
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9	Two Days Workshop on Research Opportunities in Emerging Areas Of Electrical Engineering	26/02/2020 To 27/02/2020	38	R. Koteswaranaik Project Engineer, Indpower Ltd, Visakhapatnam. Cell:6301731818 Email: Rknchicky@Gmail.Com
10	A One Day Seminar on Artificial Intelligence Semantic Tableauin Proportion Logic	28-02-2020	39	M.Mallikarju, M.Tech , Assistant Professor, Department Of Cse, Cr College Of Engineering & Technology. Cell:7569625400 Email: Motupallimallikharjun286@Gmail.Com
11	Research on agriculture & mechanical products development based on AutoCAD software	11-03-2020 To 12-03-2020	55	Mr. Sk.Meravali, E-Mail ; Meravalishaik20@Gmail.Com Cell No ; 9000976388; College ; Varaprasada Reddy Institute Of Engineering And Technology

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PROGRAMME REPORT

PROGRAMME NAME	" A SEMINAR ON RESEARCH ENRICHED PERSPECTIVE ON EMERGING MATERIALS & TECHNOLOGIES"
RESOURCE PERSON	R. RATHAIAH , AU, 8106059905, rathaiah.civil061@gmail.com
DATE OF ACTIVITY	09/07/2019
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	A.M. Reddy Memorial College Of Engineering And Technology
NUMBER OF PARTICIPANTS	35

OBJECTIVE:

1. Develop materials with superior strength characteristics.
2. Integrate environmentally suistainable materials and manufacturing practices.
3. Incorporate smart materials with adaptive properties.
4. Develop materials that balance high performance with cost-effectiveness.

OUTCOME:

1. Structures with the new material exhibit increased durability, leading to an extended lifespan.
2. Adoption of eco-friendly materials results in a decreased environmental footprint..
3. Cost-effective materials lead to more economically viable construction projects.

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DATE: 17-09-2019

PROGRAM REPORT

NAME OF THE EVENT : "A ONE DAY SEMINAR RESEARCH ON BIOMETRIC BASED AUTHENTICATION"

ORGANIZED BY : Department Of ECE

DATES : 16-09-2019

NUMBER OF DAYS : 1

VENUE : Room NO 313

RESOURCE PERSON : K. BHASKERA RAO,MTech, Asst. Professor, Department of ECE
CR ENGINEERING COLLEGE, Chilakaluripet

NUMBER OF PARTICIPANTS : 37

TOPICS COVERED :

- Biometrics.
- Authentication.
- Face Recognition.
- Convolutional Neural Network.
- False Rejection Rate.
- Support Vector Machine.
- Authentication Method.
- Authentication System.

PROGRAM OUTCOMES :

- An ability to identify, formulates, and solves complex engineering problems by applying principles of engineering, science, and mathematics.
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors.

FEEDBACK : Good

EVENT COORDINATOR : Ch. Raghunatha babu, Asst.professor

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ch Raghunatha

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PROGRAM REPORT

NAME OF THE EVENT : AWEBINAR ON THE METAVERSE

ORGANIZED BY : Department Of CSE

DATES : **18-09-2019**

NUMBER OF DAYS : 01

VENUE : ZOOM

RESOURCE PERSON : Mrs. VASAVI

SMK SOFT Inc

NUMBER OF PARTICIPANTS :104

TOPICS COVERED :

Introduction to the Metaverse

Key Components of the Metaverse Technological

Foundations Transformation

Applications and Use Cases

PROGRAM OUTCOMES :

- Participants gain a deeper understanding of the concept of the metaverse, its origins, and its potential implications across various industries and sectors
- Attendees become familiar with the diverse range of applications and use cases of the metaverse, including gaming, entertainment, social networking, education, remote work, and

FEEDBACK : Good

EVENT COORDINATOR : Dr.M PAVAN KUMAR.professor

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PROGRAM REPORT

PROGRAMME NAME	A SEMINAR ON RESEARCH ON PROTECTION OF TRANSMISSION SYSTEM BY USING GLOBAL POSTIONING SYSTEM
RESOURCE PERSON	CH. SUDHA, Asst.Prof Eswar college of engineering, Narasaraopet, Cell :8688554692 E-mail: sudhach123@gmail.com
DATE OF ACTIVITY	17/10/2019
ORGANIZED BY	Department Of Electrical and Electronics Engineering
VENUE	Lecture hall 303

OBJECTIVE OF SEMINAR:

Objective of seminar on Protection of Transmission System by Using Global Positioning System is protection of transmission lines using Global Positioning Systems (GPS). Explains about protection scheme depends on comparing positive sequence voltage magnitudeat each bus during fault conditions inside a system protection center to detect the nearest bus to the fault.

The new technique depends on synchronized phasor measuring technology with high speed communication system and time transfer GPS system.

OUTCOMES OF SEMINAR:

Students can able to understand the positional protection using GPS is a high speed protection system and how it offers a high accuracy in fault location. Students able to understand protection system monitors the network to which it is connected in traditional protection scheme. Students are able to understand proposed scheme uses a composite index to achieve high-speed relaying tasks including fault detection, direction discrimination, and classification and also provides accurate fault location.

NUMBER OF STUDENTS PARTICIPATES: 39

FEEDBACK: Good

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PROGRAMME REPORT

PROGRAM NAME	A SEMINAR ON **"RESEARCH ON HARD MATERIALS AND ITS APPLICATIONS"**
RESOURCE PERSON	Mr.SK .MEERA VALI, E-mail; meravalishaik20@gmail.com Cell no ; 9000976388, College; Varaprasadareddy inistitute of technology and management.
DATE OF ACTIVITY	19-11-2019
ORGANIZED BY	**A.M. Reddy Memorial College of Engineering and Technology**
VENUE	**A.M. Reddy Memorial College of Engineering and Technology**
NO OF PARTICIPANTS	**58**

OBJECTIVE:

- Understand the classification of hard materials and their properties
- To develop a basic understanding of key material properties ,requirements and related
- behavior characteristics of typical hard materials
- Demonstrate the knowledge of heat treatment process for improving physical and
- mechanical properties of engineering materials

OUTCOME:

- To develop the skills for identification of suitable construction materials for mechanical
- and civil engineering projects ability to develop to select appropriate material
- Identify different types of hard materials
- Analyze the deformation behavior and strengthening

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P. Harikrishna

COORDINATOR

PROGRAMME REPORT

PROGRAMME NAME	A TWO DAYS WORKSHOP ON RESEARCH EMBEDDED INVESTIGATION INTO THE APPLICATION OF ARTIFICIAL INTELLECTUAL
RESOURCE PERSON	R.RATHAIAH, AU, 8106059905, rathaiah.civil061@gmail.com
DATE OF ACTIVITY	20/01/2020 – 21/01/2020
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	A.M. Reddy Memorial College Of Engineering And Technology
NUMBER OF PARTICIPANTS	37

OBJECTIVE:

1. AI is employed for real-time monitoring of civil structures, such as bridges and buildings, using sensors.
2. It helps in early detection of structural issues by analyzing data, thus ensuring safety.
3. AI aids in the design process by optimizing structures for efficiency and cost-effectiveness.
4. This approach helps in reducing downtime and avoiding costly emergency repairs.

OUTCOME:

1. The application of AI in civil engineering leads to increased efficiency in project management, design processes, and construction activities.
2. Automation and optimization result in quicker decision-making and reduced project timelines.
3. AI helps in optimizing resource allocation, reducing wastage, and preventing costly errors. Predictive analytics also contribute to better budgeting and cost estimation
4. leading to overall cost reduction in civil engineering project

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PROGRAM REPORT

NAME OF THE EVENT : **MACHINE LEARNING USING PYTHON**
ORGANIZED BY : Department Of CSE
DATES : 10-02-2020 to 11-02-2020

NUMBER OF DAYS :02
VENUE : Seminar Hall, A.M.REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY
RESOURCE PERSON : J.LAKSHMI, Asst.Professor, Dept of CSE,TIRUMALA ENGINEERING COLLEGE.
NUMBER OF PARTICIPANTS :52
TOPICS COVERED :

- Machine Learning
- Mean Median Mode
- Standard Deviation
- Percentile
- Data Distribution
- Normal Data Distribution
- Scatter Plot
- Linear Regression
- Polynomial Regression
- Multiple Regression
- Scale
- Train/Test
- Decision Tree

PROGRAM OUTCOMES :

- Have heard of a few machine learning toolboxes.
- Be able to use support vector machines.
- Be able to use regularized regression algorithms.
- Understand the concept behind neural networks for learning non-linear functions.

FEEDBACK : Good
EVENT COORDINATOR : G.NAGARJUNA, Asst.professor

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G. Nagarjuna
COORDINATOR

PROGRAM REPORT

Name of the Event : A TWO DAY WORKSHOP RESEARCH ON SMART IRRIGATION SYSTEM USING IOT
Organized by : Department Of ECE
Dates : 11-02-2020 to 12-02-2020
Number of days : 02
Venue : Room NO 313
Resource Person : N. RAMESH BABU, MTech
Assistant Professor
Department of ECE
St. Mary's Women's Engineering College

Number of participants : 35

TOPICS COVERED :

- Sensors are placed inside the soil,
- Sensors uses two probes which sense the moisture level in the soil,
- Moisture level readings are sent to the Arduino controller,
- Soil sensor is analog,
- The analog signals are converted into digital form from an inbuilt ADC present in Arduino controller

PROGRAM OUTCOMES :

- Learn the basics of Internet of Things and its applications
- Build your own IoT system using Arduino Uno
- Work with soil moisture sensors to detect the change in moisture level
- Setup IoT connectivity using ESP8266 WIFI Module
- Understand Arduino Architecture and programming
- Develop and test an IoT based Smart Irrigation System

Feedback : Good
Event coordinator : P.Sailaja, Asst.professor

P. Sailaja
CO-ORDINATOR

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PROGRAMME REPORT

PROGRAMME NAME	"TWO DAYS WORKSHOP ON RESEARCH OPPORTUNITIES IN EMERGING AREAS OF ELECTRICAL ENGINEERING "
RESOURCE PERSON	R. KOTESWARANAIK Project Engineer, INDPOWER LTD, Visakhapatnam. Cell:6301731818 Email: rknchicky@gmail.com
DATE OF ACTIVITY	26/02/2020 to 27/02/2020
ORGANIZED BY	Department of Electrical and Electronics Engineering
VENUE	Lecture Hall 304

OBJECTIVE OF THE WORKSHOP:

Effective in applying electrical engineering principles in engineering practice or for advanced study.

OUTCOMES OF THE WORKSHOP:

An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors.

An ability to communicate effectively with a range of audiences.

NUMBER OF STUDENTS PARTICIPATED:38

FEEDBACK: Good

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PROGRAM REPORT

NAME OF THE EVENT : ARTIFICIAL INTELLIGENCE - SEMANTIC TABLEAU SYSTEM IN PROPORTIONAL LOGIC

ORGANIZED BY : Department Of CSE

DATE : 28-02-2020

NUMBER OF DAYS : 01

VENUE : Seminar Hall, A.M.REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

RESOURCE PERSON : M.MALLI KARJUNA RAO, Asst.Professor

NUMBER OF PARTICIPANTS : 39

TOPICS COVERED :

- Description Logics
- Constructors
- Syntactics
- Derivation Tree
- Expressive Power
- Ontology Language
  - Reasoning Service
  - Sequent Calculus
  - Tableau Method

PROGRAM OUTCOMES :

- Outline problems that are amenable to solution by AI methods, and which AI methods may be suited to solving a given problem
- Apply the language/framework of different AI methods for a given problem Implement basic AI algorithms- standard search algorithms or dynamic programming
- Design and carry out an empirical evaluation of different algorithms on problem formalization, and state the conclusions that the evaluation supports

FEEDBACK : Good

EVENT COORDINATOR : A.RAVI KIRAN, Asst.professor

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COORDINATOR

PROGRAMME REPORT

PROGRAMME NAME	A TWO DAY WORKSHOP ON" **RESEARCH ON AGRICULTURAL & MECHANICAL PRODUCT DEVELOPMENT BASED ON AUTOCAD SOFTWARE"**
RESOURCE PERSON	Mr. SK.MERAVALI, E-mail ; meravalishaik20@gmail.com Cell no ; 9000976388; College ; varaprasadareddy institute of Engineering and technology.
DATE OF ACTIVITY	11/03/2020 &12/03/2020.
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	CAD LAB
NUMBER OF PARTICIPANTS	38

OBJECTIVE:

1. Understand the fundamental concepts and features of AutoCAD. Use the precision drafting tools in AutoCAD to develop accurate technical drawings. Present drawings in a detailed and visually impressive manner.
2. Learn sketching and taking field dimensions.
3. Take data and transform it into graphic drawings.
4. Learn basic engineering drawing formats.
5. Learn basic AutoCad skills.
6. Learn who draw 2D drawings in AutoCad.

OUTCOME:

1. Student's ability to hand letter will improve.
2. Student's ability to perform basic sketching techniques will improve.
3. Students will be able to draw projections and sections.
4. Student's ability to use engineering scales will increase.
5. Student's ability to produce engineered drawings will improve.
6. Students will become familiar with office practice and standards.

Sai Prasad
CO-ORDINATOR

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