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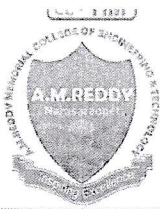Web : www.amreddyengineering.ac.in, E.mail:principal.amreddyengineering@gmail.com

VINUKONDA ROAD, PETLURIVARIPALEM[POST], NARASARAOPET, GUNTUR [DIST], ANDHRA PRADESH, PIN:522601, 08647-247190.

List of Seminars/Workshops

A.Y.2018-19

S.No	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	Research Driven Exploration into Intelligent Public Transportation and Smart Cities Integration	14-08-2018	34	Mrs. T Pawani Asst Prof Dept Of Civil CELL:8297880368 E-mail: mpawanisivarao@gmail.com Sai Tirumala College
2	A Seminar on Research on Opportunities in Mechanical Engineering	16-08-2018	36	Mr. Vijaya Kumar, E-Mail;Kvijaykumar0987@Gmail.Com Cell No;8712345043 Eswar College Of Engineering and Technology.
3	A Seminar on Research on Exploring theOpportunities in Core Sector	18-08-2018	51	R. Koteswararao Naik, Project Engineer, Indpower Ltd, Visakhapatnam. Cell:6301731818 Email: Rknchicky@Gmail.Com
4	ATwo-Day Workshop on Amazon Web Services	22-08-2018 To 23-08-2018	43	Sk.Nayab Rasool, Asst. Professor, Department Of CSE. Cell: 9705143463 Email: Rasool.Meera@Gmail.Com
5	A One Day Seminar On Python Numpy	21-09-2018	25	G.Vijay Kumar M.Tech Associate Professor Department Of CSE Narasaraopet Engineering College, Narasaraopet Cell:9494981433 Email: Joyalways@Gmail.Com
6	A Work Shop onElevating Construction Practices Through Research Infused Building Information Modelling	09-01-2019 To 10-01-2019	34	A Nagaiah Asst. Profe CELL:9160817578 e-mail: nagamahi001@gmail.com Department Of Civil Cr College
7	A Two-Day Workshop onresearch Opportunitieson Scripting Languages- Php	06-02-2019 TO 07-02-2019	53	N. GOPALA KRISHNA, Professor,CSE PNC &Vijay College of Engineering and Technology. Cell:9849803585 Email: gkgopal@gmail.com

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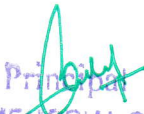Web : www.amreddyengineering.ac.in, E.mail:principal.amreddyengineering@gmail.com

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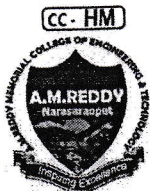| 8 | A One Day Seminar on Research on Nanotechnology | 11-02-2019 | 37 | K. Sanjeeva Rao, M.Tech, Asst.Professor, Department of Ece Cr Engineering college |
9	Research on studying the role of robotics in the development of smart industries and agriculture sector	27-02-2019 to 28-02-2019	32	Mr.k. Vijaya kumar , e-mail:kvijayakumar0987@gmail.com cell:8712345043 college : Eswar college of engineering and technology , narasaraopet
10	A Two Days Workshop on Entrepreneurship on Team Building and Cohesion	27-02-2019 To 28-02-2019	34	A.Srinivasa Rao, Asst. Prof, GEC Guntur, Cell:9492979347 E-Mail: Srinu.Veeru@Gmail.Com
11	A One Day Seminar on research OpportunitiesonCloud Computing Microsoft Windows Azure	6-3-2019	43	V.V.B.Chari, M.Tech Associate Professor Department of CSE PNC &Vijay College of Engineering & Technology Cell: 9985994890 Email: charicmr5823@gmail.com
12	A Two-Day Workshop Research on GPS&Gsm Based Tracker Device	14-03-2019 To 15-03-2019	37	K. Sanjeeva Rao, Assistant Professor, Department Of Ece, Cr College Of Engineering

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PROGRAMME REPORT

PROGRAMME NAME	"A SEMINAR ON RESEARCH DRIVEN EXPLORATION INTO INTELLIGENT PUBLIC TRANSPORTATION & SMART CITIES INTEGRATION"
RESOURCE PERSON	Mrs. T. PAVANI , Sai Tirumala College, 8297880368, mpavanisivarao@gmail.com
DATE OF ACTIVITY	14/08/2018
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	A.M. Reddy Memorial College Of Engineering And Technology
NUMBER OF PARTICIPANTS	34

OBJECTIVE:

1. Streamline public transportation networks using intelligent systems to minimize congestion
2. Optimize routes, and enhance overall travel efficiency.
3. Implement data analytics and monitoring tools to collect and analyze transportation data.
4. Enabling proactive decision-making for route adjustments, maintenance, and resource allocation.
5. Develop a seamless and interconnected transportation Promote environmentally friendly transportation options, reducing the carbon footprint by incorporating electric vehicles.
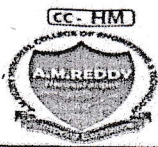
OUTCOME:

1. Intelligent transportation systems lead to optimized traffic flow, reducing congestion and enhancing the overall efficiency of urban transportation.
2. Interconnected infrastructure provides seamless connectivity, making it easier for citizens to access various modes of transportation and navigate the city efficiently.
3. Sustainable practices contribute to a decrease in carbon emissions, promoting cleaner air and a healthier urban environment.
4. User-centric services result in improved passenger satisfaction, making public transportation a more attractive and viable option for citizens.

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PROGRAMME REPORT

PROGRAM NAME	A SEMINAR ON **"OPPORTUNITIES IN MECHANICAL ENGINEERING"**
RESOURCE PERSON	Mr. K.VIJAYA KUMAR, E-mail;kvijaykumar0987@gmail.com Cell no;8712345043; College;Eswar college of engineering and technology.
DATE OF ACTIVITY	16-08-2018
ORGANIZED BY	A.M. Reddy Memorial College of Engineering and Technology
VENUE	A.M. Reddy Memorial College of Engineering and Technology
NO OF PARTICIPANTS	36

OBJECTIVE:

> Knowing different sectors
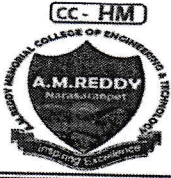> Role of mechanical engineering in our society

OUTCOME:

> Responsibilities of Mechanical Engineers in their Job
> Popular Industries and Sectors for Career Options in Mechanical Engineering
> Job positions after mechanical engineering
> Tips for Mechanical Engineers to Improve Career Prospects

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PROGRAM REPORT

PROGRAM NAME	"A SEMINAR ON RESEARCH ON EXPLORING THE OPPORTUNITIES IN CORE SECTOR"
RESOURCE PERSON	R. KOTESWARARAO NAIK, Project Engineer, INDPOWER LTD, Visakhapatnam. Cell:6301731818 Email: rknchicky@gmail.com
DATE OF ACTIVITY	18-08-2018
ORGANIZED BY	Department Of Electrical and Electronics Engineering
VENUE	Lecture Hall 303

OBJECTIVE OF THE SEMINAR:

To create awareness to electrical students how to plane the career in electrical sector and what are the jobs that can be available for electrical students in state and central governments jobs.
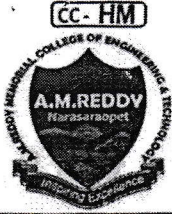
OUTCOMES OF THE SEMINAR:

Students get the ability to plane the career in core sector, students know different types of job opportunities in state and central government. Students can also plan theself-employment in core sector

NUMBER OF STUDENTS PARTICIPATED:51

FEEDBACK OF THE PROGRAM: Good

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PROGRAM REPORT

DATE: 24-08-2018

NAME OF THE EVENT	: AWS
ORGANIZED BY	: Department Of CSE
DATES	: 22-08-2018 to 23-08-2018
NUMBER OF DAYS	: 02
VENUE	: ROOM NO-307, A.M.REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY
RESOURCE PERSON	: SK.NAYAB RASOOL,Asst. Professor ,CSE
NUMBER OF PARTICIPANTS	: 43
TOPICS COVERED	:

- introduction to Amazon Web Services
- AWS Fundamentals
- What is AWS EC2
- Dissecting AWS's (VPC)
- Overview, Features, and Storage Classes Explained
- AWS IAM: Explained
- What is AWS CloudFront?
- AWS Auto Scaling
- What is AWS Load Balancer
- AWS Sage maker

PROGRAM OUTCOMES:
- This will help to grow their organization.
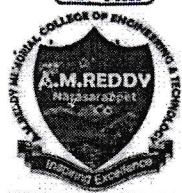- In addition, AWS Features provides database and storage along with the security.

FEEDBACK   : Good

EVENT COORDINATOR   : Y .KANAKA DURGA RAO, Asst.professor

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Y. Durgarao
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PROGRAM REPORT

DATE: 22-09-2018

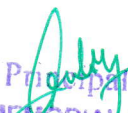|	
NAME OF THE EVENT	: PYTHON NUMPY
ORGANIZED BY	: Department Of CSE
DATE	: 21-09-2018
NUMBER OF DAYS	: 1
VENUE	: Seminar Hall
RESOURCE PERSON	: G.Vijay Kumar, M.Tech,
	Associate Professor,
	Department of CSE
	Narasaraopeta Engineering College, Narasaraopet
NUMBER OF PARTICIPANTS	: 25

TOPICS COVERED :

- What is NumPy in Python?
- How to install NumPy Python?
- NumPy Creating Arrays
- Operations Using NumPy
- NumPy Data Types
- Data Type Objects
- NumPy – Array Creation Routines
- NumPy – Indexing & Slicing
- NumPy – Advanced Indexing
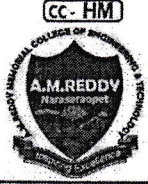- Integer Indexing
- Boolean Array Indexing

PROGRAM OUTCOMES : Develop essential programming skills in computer programming concepts like data types, containers Apply the basics of programming in the Python language Solve coding tasks related conditional execution, loops Solve coding tasks related to the fundamental notions and techniques used in object-oriented programming

FEEDBACK : Good

EVENT COORDINATOR : Mr. K. Mohan Rao
Asst. prof of CSE

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PROGRAMME REPORT

PROGRAMME NAME	" A TWO DAYS WORKSHOP ON ELEVATING CONSTRUCTION PRACTICES THROUGH RESEARCH INFUSED BUILDING INFORMATION MODELING "
RESOURCE PERSON	A NAGAIAH, CR COLLEGE,9160817578, nagamahi001@gmail.com
DATE OF ACTIVITY	09/01/2019 – 10/01/2019
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	A.M. Reddy Memorial College Of Engineering And Technology
NUMBER OF PARTICIPANTS	34

OBJECTIVE:

1. Create detailed digital representations (objects) of physical elements within a building or infrastructure project.
2. Embed parametric information within BIM objects, specifying details like dimensions, materials, and performance characteristics.
3. Ensure BIM objects are compatible across various software platforms, facilitating collaboration among different stakeholders.
4. Use BIM objects to manage and track data throughout the entire lifecycle of a building, from design and construction to operation and maintenance.
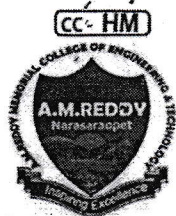
OUTCOME:

1. Enhanced collaboration among stakeholders through a shared digital model.
2. Detailed and accurate 3D visualization of the building's design.
3. Streamlined construction processes and improved project management through the use of a centralized information model.
4. Comprehensive data for ongoing facility management and maintenance.

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PROGRAM REPORT

NAME OF THE EVENT	: SCRIPTING LANGUAGES –PHP
ORGANIZED BY	: Department Of CSE
DATES	: 06-02-2019 to 07-02-2019
NUMBER OF DAYS	: 02
VENUE	: Seminar Hall, A.M.REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY
RESOURCE PERSON	: N.GOPALA KRISHNA, Professor, CSE PNC &Vijay College of Engineering and Technology
NUMBER OF PARTICIPANTS	: 53
TOPICS COVERED	:

- ✓ PHP Install
- ✓ PHP Syntax
- ✓ PHP Comments
- ✓ PHP Variables
- ✓ PHP Echo / Print
- ✓ PHP Data Types
- ✓ PHP Strings
- ✓ PHP Operators
- ✓ PHP If...Else...Elseif
- ✓ PHP Switch
- ✓ PHP Loops
- ✓ PHP Functions
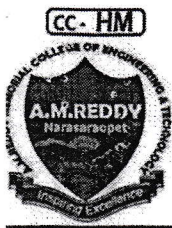- ✓ PHP Arrays

PROGRAM OUTCOMES :

- To master the theory behind scripting and its relationship to classic programming.
- To survey many of the modern and way cool language features that show up frequently in scripting languages.

FEEDBACK   : Good

EVENT COORDINATOR : B.PREM KUMAR Asst.professor

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COORDINATOR

DATE: 12-02-2019

PROGRAM REPORT

NAME OF THE EVENT	: "A ONE DAY SEMINAR ON RESEARCH ON NANOTECHNOLOGY"
ORGANIZED BY	: Department Of ECE
DATES	: 11-02-2019
NUMBER OF DAYS	: 1
VENUE	: Room NO 313
RESOURCE PERSON	: K. Sanjeeva Rao,MTech, Asst. Professor, Department of ECE

CR ENGINEERING COLLEGE, Chilakaluripet.

NUMBER OF PARTICIPANTS : 41

TOPICS COVERED :

- Scanning Probe Techniques.
- Nanofabrication.
- Functional Nanomaterials.
- Molecular Engineering.
- Bio "A ONE DAY SEMINAR ON RESEARCH ON NANOTECHNOLOGY" and Nanomedicine.

PROGRAM OUTCOMES :

- explain the fundamental principles of "A ONE DAY SEMINAR ON RESEARCH ON NANOTECHNOLOGY" and their application to biomedical engineering.
- Apply engineering and physics concepts to the nano-scale and non-continuum domain.
- Identify and compare state-of-the-art nanofabrication methods and perform a critical analysis of the research literature.
- Design processing conditions to engineer functional nanomaterials.

FEEDBACK : Good

EVENT COORDINATOR : P Sudheer Kumar, Asst.Professor

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PROGRAMME REPORT

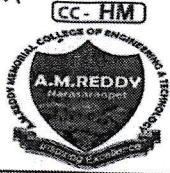| PROGRAMME NAME	A TWO DAY WORKSHOP ON " RESEARCH ON STUDYING THE ROLE OF ROBOTICS IN THE DEVELOPMENT OF SMART INDUSTRIES AND AGRICULTURAL SECTOR"
RESOURCE PERSON	Mr. K.VIJAYA KUMAR, E-mail; kvijaykumar0987@gmail.com Cell no; 8712345043, College ;Eswar college of engineering and technology.
DATE OF ACTIVITY	27/02/2019 TO 28/02/2019
ORGANIZED BY	A.M. Reddy Memorial College Of Engineering And Technology
VENUE	Seminar Hall
NUMBER OF PARTICIPANTS	32

OBJECTIVE:

1. To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry.

2. To provide information on various types of end effectors, their design, interfacing and selection.

3. To provide the details of operations for a variety of sensory devices that are used on robot , the meaning of sensing, classification of sensor, that measure position, velocity & acceleration of robot joint.

4. To familiarize the basic concepts of transformations performed by robot.

5. To perform kinematics and to gain knowledge on programming of robots.

OUTCOME:

1. Understand basic components of robotics, classification of robots and their applications.

2. Know types of robot grippers, their usage and design considerations.

3. Understand about various types of sensory devices their working and applications.

4. Apply basic transformations related to the movement of manipulator.

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PROGRAMME REPORT

PROGRAMME NAME	"A TWO DAYS WORKSHOP ON ENTREPRENEURSHIP ON TEAM BUILDING AND COHESION"
RESOURCE PERSON O	A.SRINIVASA RAO, Asst.prof, GEC Guntur, cell:9492979347 e-mail: srinu.veeru@gmail.com
DATE OF ACTIVITY	27/02/2019 to 28/02/2019
ORGANIZED BY	**Department of Electrical And Electronics Engineering**
VENUE	**Lecture Hall 304**

OBJECTIVE OF THE WORKSHOP:

Team cohesion means that group members don't just respect one another, they also trust each other to contribute equally, support each other, and work within the team with the whole in mind.

OUTCOMES OF THE WORKSHOP:

Group cohesiveness can help develop effective communication and foster meaningful relationships among peers. Groups typically communicate regularly to measure progress, assign tasks and understand the group's goals.
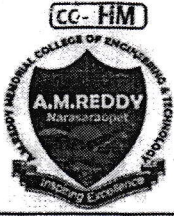
NUMBER OF STUDENTS PARTICIPATED: 34

FEEDBACK: Good

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PROGRAM REPORT

DATE: 07-03-2019

NAME OF THE EVENT	: Cloud Computing - Microsoft Windows Azure
ORGANIZED BY	: Department Of CSE
DATE	: 06-03-2019
NUMBER OF DAYS	: 1
VENUE	: Seminar Hall

RESOURCE PERSON	: V.V.B.Chari, M.Tech Associate Professor
	  Department of CSE ,
	  PNC &Vijay College of Engineering & Technology

NUMBER OF PARTICIPANTS	: 43
TOPICS COVERED	:

- ➤ Introduction to AWS
- ➤ AWS Core Concepts
- ➤ Compute and Related Features
- ➤ Storage Services
- ➤ VPC Networking and Content Delivery
- ➤ Databases
- ➤ Security and IAM
- ➤ Serverless and Application Services
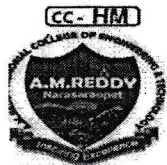- ➤ Monitoring and Automation
- ➤ Container Service

PROGRAM OUTCOMES :   By the end of the programme the student will be able to realize the concept of object oriented programming & java programming constructs.

FEEDBACK   : Good

EVENT COORDINATOR : Mr.Y. Kanaka Durga Rao
              Asst. prof of CSE

Pr~~incip~~al
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Y, Durga rao
COORDINATOR

PROGRAM REPORT

NAME OF THE EVENT   : "A TWO DAY WORKSHOP RESEARCH
ON GPS&GSM BASED TRACKER DEVICE"

ORGANIZED BY   : Department Of ECE

DATES   : 14-03-2019 TO 15-03-2019

NUMBER OF DAYS   : 02

VENUE   : Room NO 313

RESOURCE PERSON   : K. Sanjeeva Rao,

Assistant Professor,

Department of ECE

CR COLLEGE OF ENGINEERING

NUMBER OF PARTICIPANTS   : 37

TOPICS COVERED   :

- Car Accident & Alcohol Detector & Recorder Blackbox.
- IOT Water Pollution Monitor RC Boat.
- Mountain Climber Health & GPS Tracker.
- Arduino Alcohol Sense Engine Lock.
- IOT based Three Phase Power Failure Monitoring with SMS Alerts

PROGRAM OUTCOMES :

- Build your own GPS and GSM based tracker
- Work with GPS modules, antenna and GSM modules
- Develop the project using Arduino development board
- Implement Arduino programming for functioning of project
- Set up live maps as part of tracking system

FEEDBACK   : Good

EVENT COORDINATOR   : A. Ramesh, Asst.professor

CO-ORDINATOR

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