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MIC College of Technology

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Kanchikacherla - 521180, NTR Dist, A.P. India.
Phone: 08678 - 273535 / 94414 57799 / 73530 16834
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in



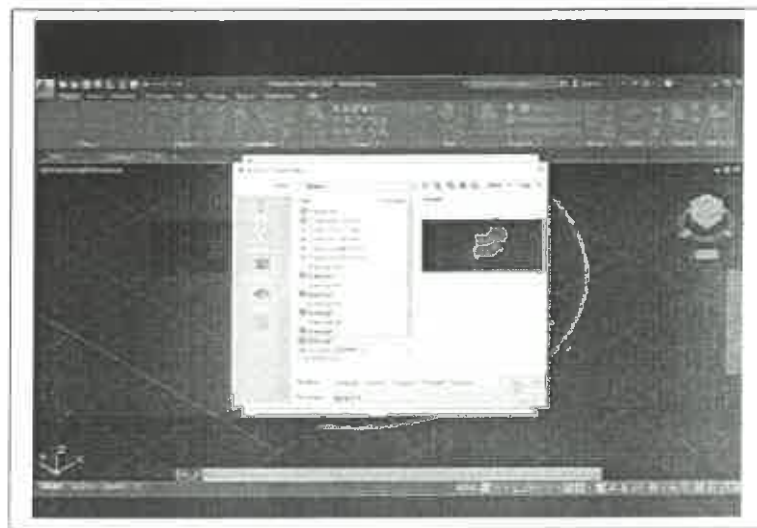
Name of the Event : Work Shop

Department: Civil

Date: 19-6-21 to 28-6-2021

Academic Year: 2020-21

"A One-week Workshop on Building Drafting using AutoCAD"



Resource Persons/Name of the Industry: PRAVALLIKA , APSSDC

Target Audience: III Year sem -2 Civil Engineering Students

Description: A work shop was conducted on planning & modeling using AutoCAD.

Outcomes of the Event:

1. Students gained knowledge on how to use different shortcuts to draw plans in an efficient way.
2. Students learned how to draw plans, elevations, and 3D views.


Staff - Coordinator


HOD



Principal



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Kanchikacherla - 521180, NTR Dist. A.P. India.
Phone: 08674 - 273535 / 94014 57799 / 73826 16624
E-mail: office@mictechs.in. Website: www.mictechs.in



1. Name of the Seminar: Supervisory control and data acquisition (SCADA systems in power stations)

Date: 20/06/21

Department: EEE Academic Year: 2020-21

Date of the Event: 20/06/2021

Resource Persons/Name of the Industry: Joshua Arumbakan, Officer, Training and Placements, WIST.

Target Audience: This seminar is designed to cater to professionals from various disciplines who are involved in power station operations, electrical engineering, system administration, energy management, and cybersecurity, Electrical Engineering students and Research scholars.

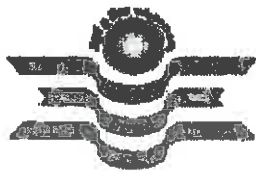
Description: In today's interconnected world, power stations play a critical role in providing reliable electricity to meet the increasing demands of industries and communities. To efficiently monitor and control power generation and distribution processes, Supervisory Control and Data Acquisition (SCADA) systems have become indispensable tools. This seminar focuses on understanding SCADA systems specifically in the context of power stations. Participants will gain comprehensive knowledge of the fundamental principles, architecture, and applications of SCADA systems in power stations, enabling them to effectively implement and manage these systems in their respective organizations.

Coordinator



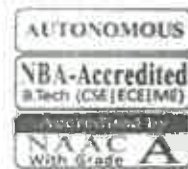
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Phone: 08676 - 273535 / 94914 57799 / 73826 16824
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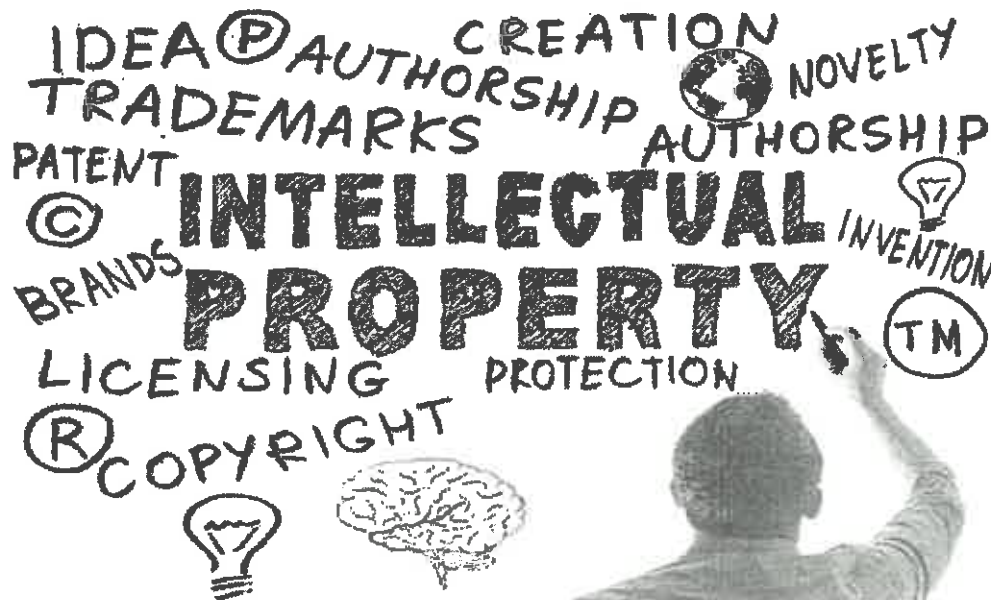


Name of the Event: Role of IPR in Indian Scenario

Date: 19/05/2021

Department: CIVIL, EEE, MECH, ECE, CSE, IT

Academic Year: 2020-21



Date of the Event: 19/05/2021

Resource Persons/Name of the Industry: Dr.R.Kiran Kumar, Asst.Prof, Krishna University

Target Audience: Staff

Description:

- ❖ Definition of Patents, Conditions of patentability, Patentable and non-patentable inventions, Types of patent applications (e.g. Patent of addition etc), Process Patent and Product Patent, Precautions while patenting, Patent specification Patent claims, Disclosures and non-disclosures, Patent rights and infringement, Method of getting a patent.
- ❖ Legislation and Salient Features, Patent Search, Drafting and Filing Patent Applications, Processing of patent, Patent Litigation, Patent Publication etc, Time frame and cost, Patent Licensing, Patent Infringement.
- ❖ Work for development, promotion, protection, compliance, and enforcement of Intellectual Property and Patenting

Outcomes of the Event:

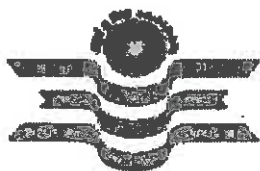
To safeguard inventions and creative work from unauthorized exploitation, students were made aware of the Intellectual Property Rights.

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Phone: 08674 - 273535 / 94944 57799 / 73426 16634
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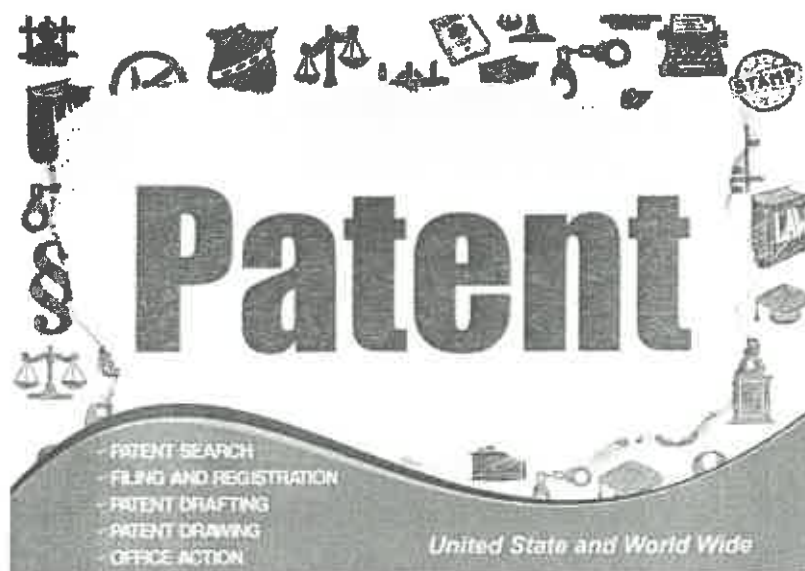


Name of the Event : How to Search, Draft & File Patent

Date: 10/04/2021

Department: CIVIL,EEE,MECH,ECE,CSE,IT,AI&DS,AI&ML

Academic Year: 2020-21



Date of the Event: 10/04/2021

Resource Persons/Name of the Industry: Dr.K.Parish Kumar,Asst.Prof,V.R Siddartha College

Target Audience: Staff

Description:

- ❖ Meaning of IPR
- ❖ Different category of IPR instruments - Patents, Trademarks, Copyrights, Industrial Designs, Plant variety protection, Geographical indications, Transfer of technology etc.
- ❖ Importance of IPR in Modern Global Economic Environment: Theories of IPR, Philosophical aspects of IPR laws, Need for IPR, IPR as an instrument of development

Outcomes of the Event:

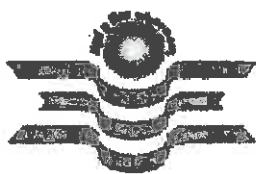
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Kanchikacherla - 521180, N.T.R. Dist. A.P., India
Phone: 08678 - 273535 / 08614 57799 / 73826 19834
E-mail: office@mictech.ac.in, Website: www.mictech.ac.in



Name of the Event : A 3-day workshop

Date: 13/03/2021

Department: IT

Academic Year: 2020-21

Date of the Event: 10/3/2021

Resource Persons/Name of the Industry: Mr. U.Sai Ram CEO, Codegnan IT Solutions

Target Audience: 32



**Devineni Venkata Ramana & Dr. Hima Sekhar
MIC College of Technology**

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Accredited by NAAC with Grade A, NBA Accredited B.Tech (CSE, ECE, ME), ISO 9001:2015
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Data visualization with R



Resource Person
Mr. U.Sai Ram CEO,
10/3/21-12/3/21 Codegnan IT Solutions

Organized by
Department of IT

Data visualization with R

Description:

R provides a wide range of libraries and tools for creating visually appealing and informative graphics. Here are some steps to get started with data visualization using R:
Install and load required packages: You'll need to install and load the necessary R packages for data visualization. The most common packages for data visualization in R are ggplot2, lattice, and base graphics.

Outcomes of the Event:

- 1.Improved understanding of data
2. Identification of outliers and anomalies
- 3.Optimization of data analysis processes


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Andhra Pradesh, India - Pin: 521180



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Kanchikacherla - 521193, Nellore Dist., A.P., India.
Phone: 08678 - 273533 - 94404 57099 - 73626 16434
E mail: office@mictech.ac.in, Web site: www.mictech.edu.in



Name of the Event:Modelling and Assembly using 3D Experience

Date:05.02.2021

Department: Mechanical EngineeringAcademic Year:2020-21

Date of the Event:01.02.2021 to 03.02.2021

Resource Persons&Name of the Industry:Mr. M. Thomas Victor, Course Instructor, CADD Centre, Vijayawada

Target Audience:Mechanical UG Students

Description:

A Report of Workshop on “Modelling and Assembly using 3D Experience”

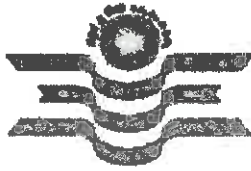
The Department of Mechanical Engineering organized Workshop on **“Modelling and Assembly using 3D Experience”** from 01.02.2021 to 03.02.2021.

Dr. D.V. Siva Reddy, HOD, Mechanical Engineering welcomed the participants. The 3rd year Mechanical Engineering students participated in this program. The resource Person has also explained the Basics of 3D Experience, Sketching Tools, Modify Tools, 3D Part Modelling, Dimensions and Assembly of Components. Totally 30 students have attended this program.

The following topics are explained in the program:

- ❖ Basics of CAD
- ❖ Sketching Tools
- ❖ Dimensions
- ❖ 3D Part modelling
- ❖ 2D to 3D file Conversion
- ❖ Material, Appearance and Rendering
- ❖ Part Modelling Exercise
- ❖ Assembly (Creation & Exercise)
- ❖ Drawing Exercise
- ❖ Modelling from Photographs

A valedictory function is arranged on 03.02.2021 at 4.00 PM by inviting our Principal, Dr.K. Srinivas and faculty also participated in the program, feedback has been taken from



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Kanchikacherla - 521180, N.T.R. Dist. A.P. India.
Phone: 08678 - 273535 / 94914 57799 / 73606 16824
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in



the students, Mr. R. Ranjith Kumar & Ms. D. Divya, Course Coordinator delivered a Vote of thanks followed by National Anthem were the highlights of the valedictory function.

Outcomes of the Event:

1. Creation of a flexible modeling environment
2. Apply design changes in modified models
3. Apply design constraints and design intent in the final model geometry
4. Apply non-geometric as well as geometric design information


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Devineni Venkata Ramana & Dr. Hima Sekhar

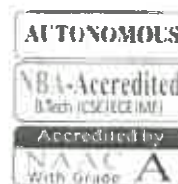
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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: officemictech@gmail.com, Website: www.mictech.ac.in



18.01.2021

CIRCULAR

DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering students are informed to attend the seminar on Applications of INDUSTRY 4.0 by Dr. V. S. Balaji, R & D Manager, TVS India Pvt Ltd, Chennai, in Association with DVR & Dr. HS MIC College of Technology (A), Vijayawada. The details of the program are list below.

Program Details

Program Name	"Applications of Industry 4.0"
Date and Time	Date : 21.01.2021 (Monday) Time : @ 11.00 AM to 12.30 PM
Resource Person	Dr. V. S. Balaji, R & D Manager, TVS India Pvt Ltd, Chennai. Email: balaji.bala786@gmail.com
Venue	Mechanical Engineering Seminar Hall

HOD

Mechanical Engineering

Head of the Department ..
Dept. of Mechanical Engg.
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Devineni Venkata Ramama & Dr. Hima Sekhar

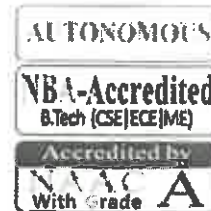
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Approved by AICTE and permanently Affiliated to JNTU Kakinada
Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: office@mictech.ac.in, Website: www.mictech.ac.in



Name of the Event: Applications of Industry 4.0

Date: 21.01.2021

Department: Mechanical Engineering

Academic Year: 2020-21

Date of the Event: 21.01.2021 @ 11.00 AM to 12.30 PM

Resource Persons & Name of the Industry: Dr. V. S. Balaji, R & D Manager, TVS India Pvt Ltd, Chennai.

Target Audience: Mechanical Engineering UG Students

Report of One-day Seminar on “Applications of Industry 4.0”

Department of Mechanical Engineering of DVR & Dr. HS MIC College of Technology (A), Vijayawada, Andhra Pradesh, Organized a one-day Seminar on “Applications of Industry 4.0” for 3rd and 4th-year students from 21.01.2021. With eminent personality Dr. V. S. Balaji, R & D Manager, TVS India Pvt Ltd, Chennai.

Dr. V. S. Balaji, R & D Manager, TVS India Pvt. Ltd. Chennai has presented a seminar through PPTs about Industry 4.0 and its applications. The faculty members and students have participated in this program. He has also explained Industry 4.0 and its types and applications. 120 participants attended.

The following topics are explained in the program:

- Overview of Industry 4.0
- Automation Process
- Need for Industry 4.0
- Applications
- Internet of Things and cyber security in the manufacturing process

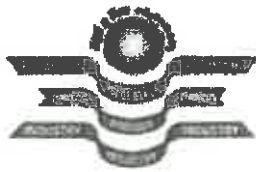
The feedback form has been taken from the students and felicitate the Resource Person, Vote of thanks followed by the National Anthem were the highlights of the end of the session.

Outcomes of the Event:

1. Students are able to understand the Automation Process and IOT.


Coordinator


Head of the Department
Dept. of Mechanical Engg.
DVR & Dr. HS MIC College of Technology,
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Kanchikacherla - 521180, N.T.R. Dist., A.P. India.
Phones: 08678 - 273535 / 98914 57799 / 73426 16024
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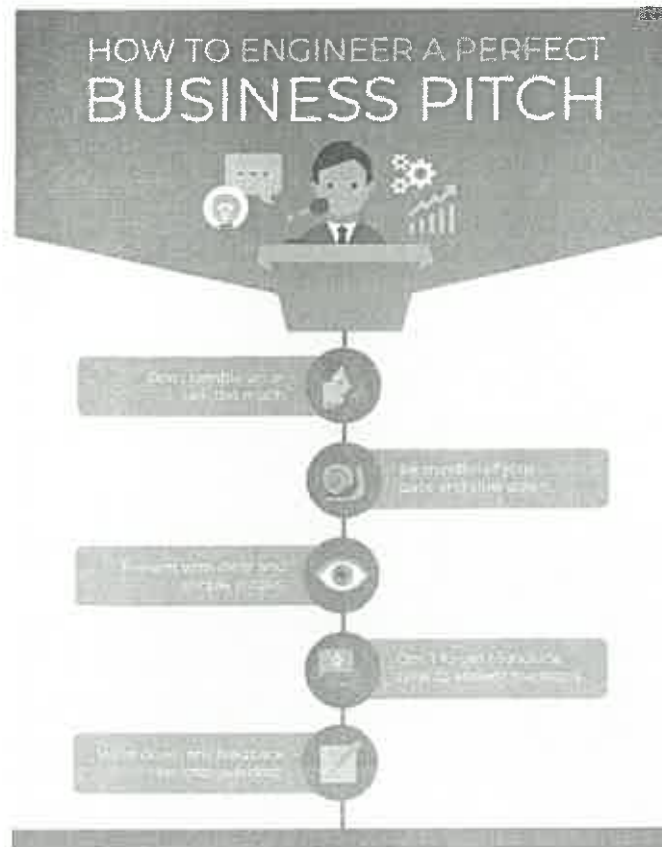


Name of the Event: Pitching – You never get a second chance to make first impression

Date: 09/01/2021

Department: CIVIL, EEE, MECH, ECE, CSE, IT

Academic Year: 2020-21



Date of the Event: 09/01/2021

Resource Persons/Name of the Industry: Dr.M.Tanooj Kumar, Assoc.Prof, KL University

Target Audience: Staff

Description:

- ❖ As an entrepreneur, a pitch is the story of your product which you need to be prepared to deliver at anytime. Discover the points you need to cover in a pitch and how to avoid common mistakes. It is never too early to start sharing your idea to impress and excite people about your technology.

Outcomes of the Event:

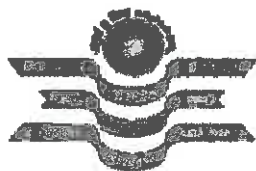
To create a innovative method to adapt and understand the essence of the product to the customer.

Coordinator



Principal

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Phone: (08676) - 273535 / 94914 57799 / 73836 16824
E mail: office@mictech.ac.in, Web site: www.mictech.edu.in



1. Name of the Seminar: Issues and challenges in solar energy conversion systems

Date: 08/01/2021

Department: EEE Academic Year: 2020-21



Date of the Event: 08/01/2021

Resource Persons/Name of the Industry: B. Amarendra Reddy, Associate Professor, AU.

Target Audience: This seminar targets professionals and stakeholders involved in various aspects of the solar energy industry, including project development, engineering, policy-making, research, and finance and research scholars, PG and UG students. It is suitable for those seeking to deepen their knowledge of the challenges and barriers in solar energy conversion systems and acquire practical strategies to overcome these hurdles.

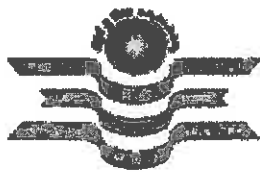
Description: Solar energy is a clean and abundant source of renewable energy that holds great potential for meeting the world's growing energy demands. However, the successful integration and deployment of solar energy conversion systems present unique issues and challenges. This seminar focuses on exploring the key issues and challenges faced in solar energy conversion systems, including technological, economic, and regulatory aspects. Participants will gain insights into the complexities of solar energy conversion and explore innovative solutions to address these challenges. Through in-depth discussions, case studies, and interactive sessions, attendees will enhance their understanding of the current state of solar energy and gain practical knowledge to overcome barriers and drive the adoption of solar energy conversion systems.

Coordinator



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Kanchikacherla - 521180, NTR Dist. A.P. India.
Phones: 08674 - 273535 / 94414 57799 / 73834 16834
E-mail: office@mictech.edu.in, Website: www.mictech.edu.in



Name of the Event: The one-day workshop on solar power integration techniques **Date:** 10/11/2020

Department: EEE

Academic Year: 2020-21

Date of the Event: 10/11/2020

Resource Persons/Name of the Industry: Ch. Bharath Kumar (Design Engineer, Green Secure Energy)

Target Audience: The one-day workshop on Solar Power Integration Techniques is designed for a diverse range of professionals, researchers, and enthusiasts who are interested in expanding their knowledge and skills in solar power integration. The target audience for this workshop includes: Engineers and Technicians, Researchers and Academics, Architects and Designers, Architects and Designers.

Description: The Solar Power Integration Techniques Workshop is a one-day immersive program designed to provide participants with comprehensive knowledge and practical skills for effectively integrating solar power systems into various applications. The workshop aims to educate professionals, researchers, and enthusiasts about the latest advancements, best practices, and emerging trends in solar power integration.

Outcomes of the Event:

1. Participants will gain a comprehensive understanding of solar power integration techniques, including the benefits, challenges, and various applications.
2. Attendees will learn the fundamentals of solar panel technology and gain practical knowledge of designing solar power systems for residential, commercial, and industrial applications.
3. Participants will grasp the intricacies of connecting solar power systems to the grid and understand the relevant regulations and policies.

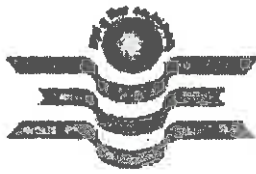

Coordinator





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Kanchikacherla - 521180, NTR Dist., A.P. India
Phones: 04478 - 273535 / 44914 57799 / 73826 16834
E-mail: office@mictech.ac.in. Website: www.mictech.edu.in



1. Name of the Seminar: Techniques for minimizing switching losses in power converters

Date: 08/01/2021

Department: EEE Academic Year: 2020-21

Date of the Event: 08/01/2021

Resource Persons/Name of the Industry: K. Vaisakh, Professor. AU.

Target Audience: This seminar is designed for electrical engineers, power electronics designers, researchers, UG, PG Students and anyone involved in power converter design and optimization. Attendees should have a basic understanding of power electronics principles and familiarity with power converter topologies.

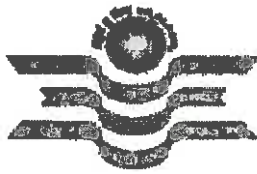
Description: Switching losses in power converters can significantly affect their efficiency and overall performance. In this seminar, we will explore various techniques and strategies aimed at minimizing switching losses in power converters. We will discuss the underlying causes of switching losses and delve into practical approaches to mitigate them. The seminar will cover both theoretical concepts and real-world applications, providing attendees with valuable insights into optimizing power converter designs.


Coordinator




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Kanchikacherla - 521180, NTR Dist. A.P. India.
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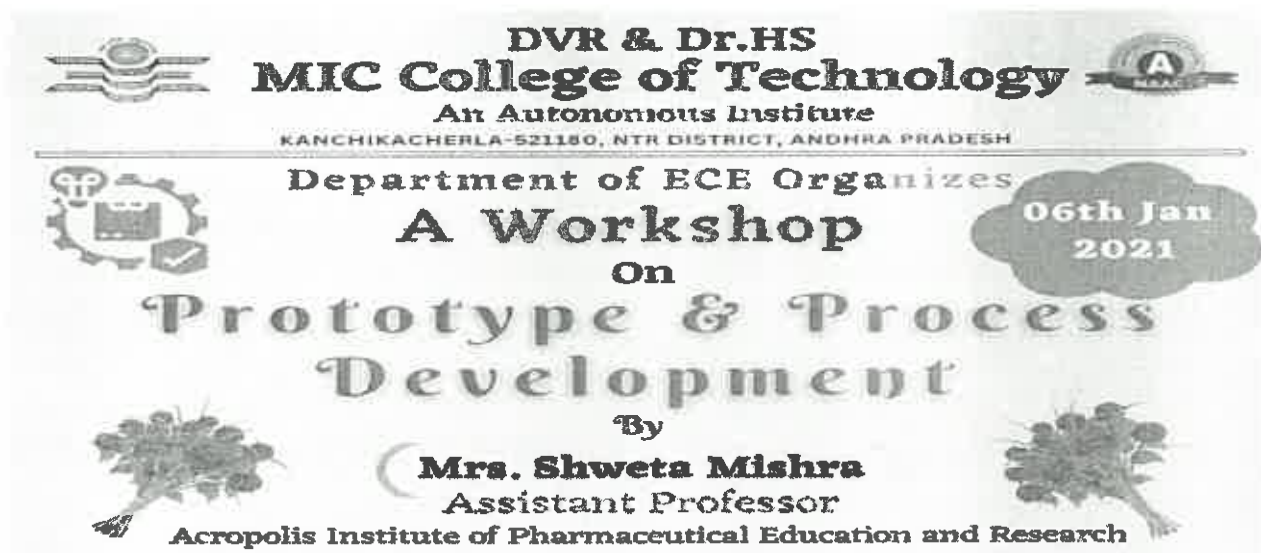


**Name of the Event: One-day Workshop on
Prototype and Process development**

Date: 06/01/2021

Department: ECE Academic Year: 2020-21

"Workshop on Prototype and Process development"



Date of the Event: 06/01/2021

Resource Persons/Name of the Industry: Shweta Mishra, MPharma (Gold Medalist)

Pharmacist Registration No. 48600

Assistant Professor at

Acropolis Institute of Pharmaceutical Education and Research

Indore

Target Audience: Faculty and students

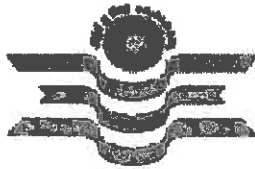
Description: Mrs. Swetha Misra explained Prototype design, brand viswas, brand ailing, tools and technologies in prototype design, steps in process design, brand revitalize, worm controversy etc. with the help of examples and case studies. Students attended this program in ECE Seminar hall which has a projector facility. Interested Faculty attended online on Google Meet platform.


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Phones: 08678 - 273535 / 94914 57799 / 73626 16024
E-mail: office@micotech.ac.in, Website: www.micotech.edu.in



1. Name of the Seminar: Energy auditing in college campus

Date: 21/12/2020

Department: EEE Academic Year: 2020-21

Date of the Event: 21/12/2020

Resource Persons/Name of the Industry: Dr. T. Suman, MRIET.

Target Audience: This seminar targets professionals and stakeholders involved in energy management, facility management, sustainability, and operations in college campuses and for UG and PG students. It is suitable for individuals seeking to enhance their knowledge of energy auditing techniques specific to college campuses and acquire practical strategies to improve energy efficiency, reduce costs, and promote sustainability in the educational environment.

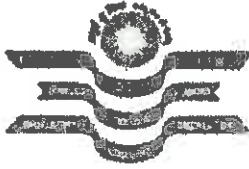
Description: Colleges and universities serve as hubs of learning and innovation, and sustainability has become a crucial aspect of campus operations. Energy auditing plays a vital role in assessing and optimizing energy consumption in college campuses, enabling institutions to reduce costs, enhance energy efficiency, and contribute to environmental sustainability goals. This seminar focuses on energy auditing in college campuses, providing participants with the knowledge and tools to conduct comprehensive energy audits, identify energy-saving opportunities, and develop effective energy management strategies. Through case studies, interactive discussions, and practical exercises, attendees will learn how to implement energy auditing techniques specific to college campuses and create a roadmap for sustainable energy practices.


Coordinator




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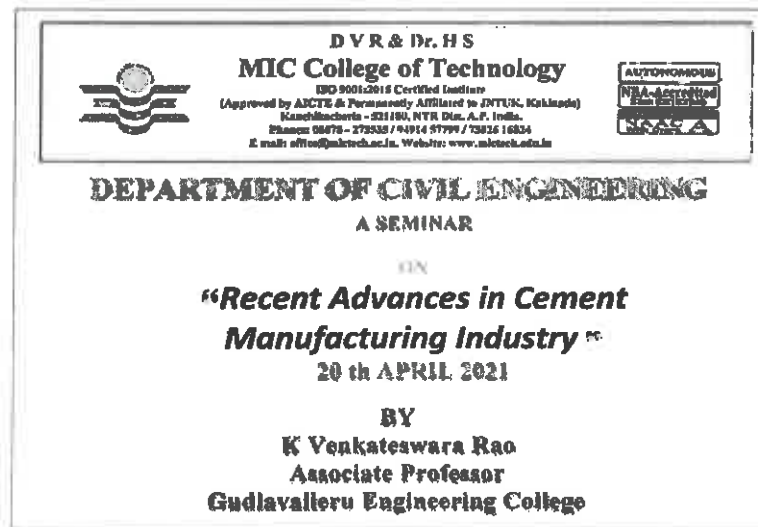
Name of the Event : Seminar

Date: 20-4-21

Department: Civil

Academic Year:2020-21

"A Seminar on Recent Advances in Cement Manufacturing Industry"



Resource Persons/Name of the Industry: K. Venkateswara Rao, Associate professor, GDLV

Target Audience: II & III Year Civil Engineering Students

Description: A seminar was conducted for B tech Civil engineering students on recent advances in cement manufacturing industry.

Outcomes of the Event:

1. Students gained knowledge on how the quality of raw materials is tested.
2. Students learned how to mix different materials to manufacture cement using new technologies.

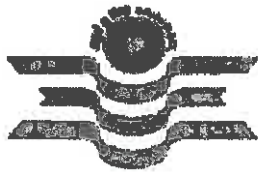
Staff - Coordinator

HOD

Principal



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Phones: (08578) - 273535 / 94914 57799 / 73436 16423
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Name of the Event: one-day webinar on

Low power VLSI DESIGN & Analysis Date: 16/12/2020

Department: ECE Academic Year: 2020-21

“Low power VLSI DESIGN & Analysis”

 **DVR & Dr. HS
MIC College of Technology** 
An Autonomous Institute
KANCHIKACHERLA-521180, NTR DISTRICT, ANDHRA PRADESH
Department of ECE Organizes
A
ONE DAY WEBINAR
On
Low Power VLSI Design & Analysis
By
Dr. K Srinivasa Rao
Professor
Koneru Lakshmaiah Education Foundation

16/12/2020

Date of the Event: 16/12/2020


Resource Persons/Name of the Industry: Dr. K Srinivasa Rao

Professor

Koneru Lakshmaiah Education Foundation

Target Audience: Faculty and students

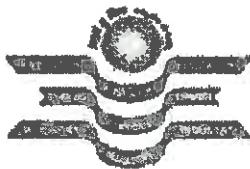
Description: This webinar intends to describe the aim of low power VLSI design is to minimize the individual components of power as much as possible, hence decreasing the total power consumption. Switching and short-circuit power make up the dynamic power, whereas leakage current that passes through a transistor makes up the static power.


Coordinator




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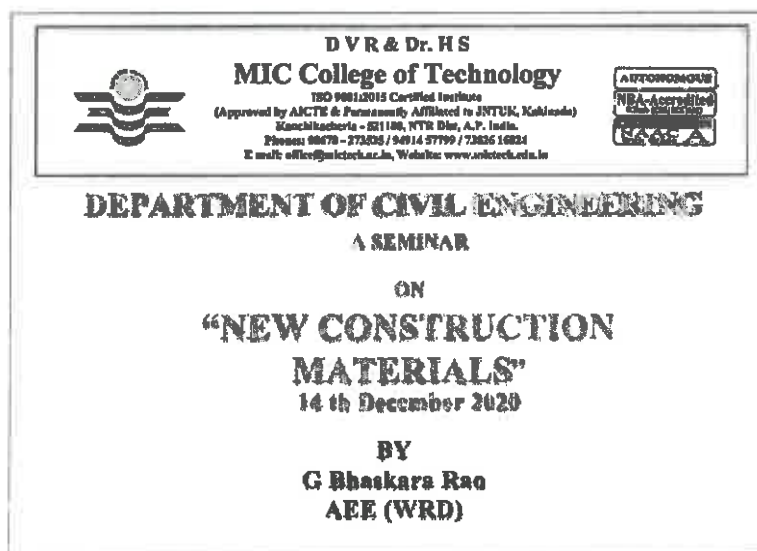
Name of the Event : Seminar

Date: 14-12-2020

Department: Civil

Academic Year: 2020-21

“A Seminar on New Construction Materials”



Resource Persons/Name of the Industry: G Bhaskara Rao , AEE Water Resources Department, Andhra Pradesh.

Target Audience: III & IV Year Civil Engineering Students

Description: A Seminar was conducted for civil engineering students on new construction building materials.

Outcomes of the Event:

1. Students gained knowledge about the different alternate building materials that are suitable for construction.
2. Students learned the advantages of new materials over conventional materials.

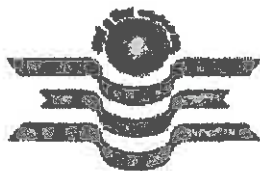
Staff - Coordinator

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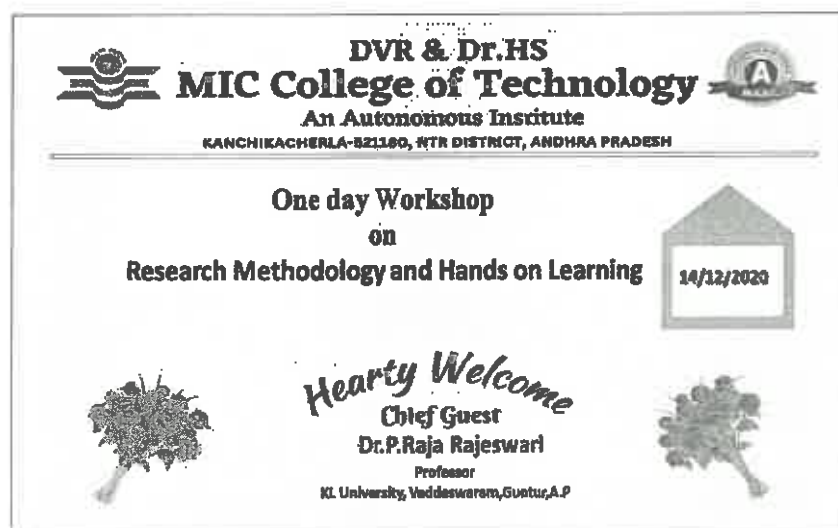


Name of the Event :one day workshop on Research Methodology and Hands on Learning

Date:14/12/2020

Department: CSE Academic Year: 2020-21

“ Research Methodology and Hands on Learning“



Date of the Event:14/12/2020

**Resource Persons/Name of the Industry: Dr.P.Raja Rajeswari,
Professor, KL University, Vaddeswaram,Guntur,A.P.**

Target Audience:Faculty and students

Description:The basics of Research, Research Philosophy, Types, Qualitative and Quantitative Research Methods. She spoke on the current trends in research in the context of the ongoing pandemic and covered the building blocks of research and spoke about the difference between Science and Social Science, Cycle of research, types of scientific research, broad methodological paradigms (focus on Ontology and Epistemology), methodological stances associated qualitative and quantitative research.


Coordinator




Principal

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Devineni Venkata Ramana & Dr. Hima Sekhar

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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: officemictech@gmail.com, Website: www.mictech.ac.in



25.11.2020

CIRCULAR

DEPARTMENT OF MECHANICAL ENGINEERING

This is to inform that the Department of Mechanical Engineering is organizing a Seminar on “Intellectual Property Rights” to the students from 01.12.2020 in Mechanical Seminar Hall. The class in-charges are requested to inform their students to attend the programme.

Program Details

Program Name	“Intellectual Property Rights”
Date and Time	Date: 01.12.2020 Time: @ 11.00 AM to 12.30 PM
Resource Person	Mr. Sooraj Suresh Kumar, Patent Consultant, Ethna Attributes Software Technologies Pvt. Ltd, Chennai, Tamil Nadu. Email: sooraj.s@eattributes.com
Venue	Mechanical Engineering Seminar Hall

HOD

Mechanical Engineering

Head of the Department
Dept. of Mechanical Engg.
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt.
Andhra Pradesh, India – Pin: 521180



Devineni Venkata Ramama & Dr. Hima Sekhar

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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: office@mictech.ac.in, Website: www.mictech.ac.in



Name of the Event: Intellectual Property Rights

Date: 01.12.2020

Department: Mechanical Engineering

Academic Year: 2020-21

Date of the Event: 01.12.2020 @ 11.00 AM to 12.30 PM

Resource Persons & Name of the Industry: Mr. Sooraj Suresh Kumar, Patent Consultant, Ethna Attributes Software Technologies Pvt. Ltd, Chennai, Tamil Nadu.

Target Audience: Mechanical UG Students

Report of One-day Seminar on “Intellectual Property Rights”

Department of Mechanical Engineering of DVR & Dr. HS MIC College of Technology (A), Vijayawada, Andhra Pradesh, Organized a one-day Seminar on “**Intellectual Property Rights**” for 3rd and 4th-year students from 01.12.2020. With eminent personality Mr. Sooraj Suresh Kumar, Patent Consultant, Ethna Attributes Software Technologies Pvt. Ltd, Chennai. Totally 120 participants attended the one-day seminar.

The session included the Introduction to Intellectual Property Rights, Draft Writing, Patent Submission and Grant Approval. Mr. Sooraj Suresh Kumar was the keynote speaker of the Seminar - Introduction to Intellectual Property Rights. Mr. Sooraj Suresh Kumar launched the topic by first addressing intellectual property rights' origin, development and significance to mankind. Defining these rights as intangible creations of man, he stated that the protection of these rights is to promote innovative development and give exclusive benefits to the creator for his creative endeavors. He also stated that IP laws today are mindfully modified to keep a balance between the interest of the creators and the general public using those endeavors. He explained in great depth the widely known Intellectual Property Rights along with other essentials like their registration processes, the difficulties that one might encounter while going through the same and so on. A similar analysis was also provided for other intellectual properties viz. Patents, Copyright, Designs and Geographical Indication.

The event had the keynote speaker taking up the doubts and queries of the participants. The Seminar concluded with a vote of thanks by the coordinator.



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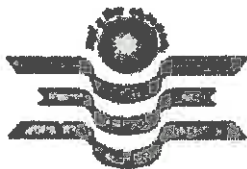


Outcomes of the Event:

1. Students are able to understand the importance of patent filing and approval for grants.

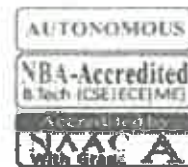

Coordinator


Head of the Department
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Name of the Event : Work Shop

Department: Civil

Date: 16-11-20 to 21-11-20

Academic Year: 2020-21

"A one-week Workshop on REVIT architecture"



Resource Persons/Name of the Industry: PRAVALLIKA , APSSDC

Target Audience: IV Year sem-1 Civil Engineering Students


Description: A Work shop was conducted for Civil engineering students on architectural modeling using REVIT.

Outcomes of the Event:

1. Students gained knowledge on the wide range of applications of software in civil engineering.
2. Students learned how to draw plans and elevations in rivet and how to create 3D models.

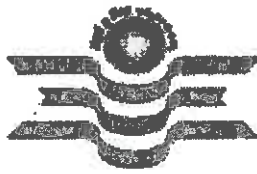

Staff - Coordinator


HOD


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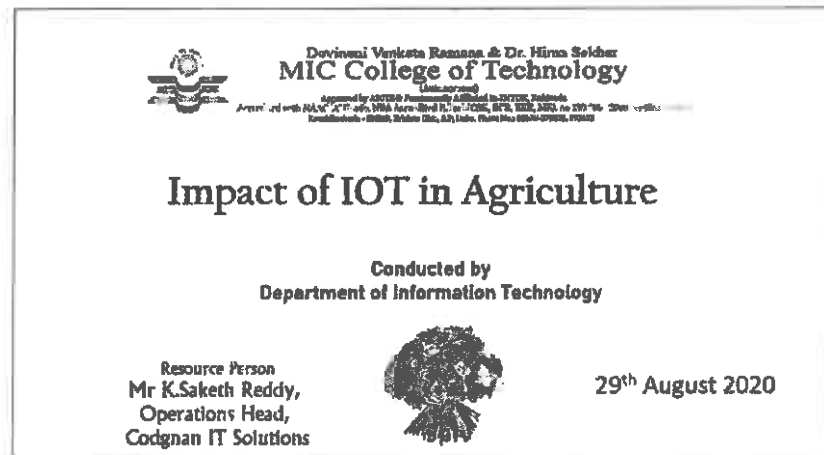


Name of the Event : One day Seminar on IMPACT of IOT in Agriculture

Date: 31/10/2020 Department: IT

Academic Year: 2020-21

"Impact of IOT in Agriculture"



Date of the Event: 31/10/2020

**Resource Persons/Name of the Industry: Mr.K.Saketh Reddy, Operations Head, Data Science Trainer,
CODEGNAN IT Solutions**

Target Audience: 30

Description:

The Internet of Things (IoT) has the potential to revolutionize agriculture by providing farmers with real-time information on crop health, soil moisture levels, weather conditions, and other important factors. This data can be used to optimize crop yields, reduce waste, and improve overall farm efficiency.

Here are some specific ways in which IoT is impacting agriculture:

- Precision Agriculture
- Livestock Monitoring
- Crop Monitoring
- Autonomous Farming

Outcomes of the Event: 1. Improved food safety

2. Increased sustainability

3. Reduced costs

Coordinator



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Name of the Event : 6-day Faculty Development Program

Date: 3/11/2020

Department: IT

Academic Year: 2020-21 **Date of**

the Event: 26 Oct 2020 to 31 Oct 2020

Resource Persons/Name of the Industry: Mr R.Siva , Director, VXL IT Academy, Vijayawada.

Target Audience: 40



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Digital Teaching Techniques



Resource Person
Mr R.Siva ,
Director,
VXL IT Academy,
Vijayawada

26 Oct 2020 to 31 Oct 2020

Organized by
Department of IT

Description:

Digital teaching techniques refer to the methods and strategies used by educators to leverage technology and digital tools in the teaching and learning process.

Multimedia Presentations: Teachers can use multimedia tools to create visually appealing and interactive presentations that incorporate images, videos, audio clips, and animations. This technique helps capture students' attention and convey information in a more engaging manner.

Outcomes of the Event: outcomes associated with the use of digital teaching techniques:

1. Improved Engagement
2. Personalized Learning
3. Access to a Wide Range of Resources
4. Flexibility and Convenience
5. Immediate Feedback and Assessment
6. Improved Digital Literacy
7. Lifelong Learning Skills

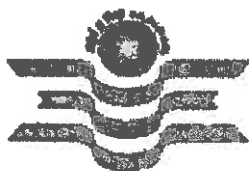

Coordinator





Principal

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Name of the Event: One-day FDP ON IOT-APPLICATIONS Date: 18/10/2020

Department: ECE Academic Year: 2020-21

"FDP ON IOT-APPLICATIONS"



Organized by
Dept. of Electronics & Communication Engineering
DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dist., Andhra Pradesh

Date of the Event: 18/10/2020

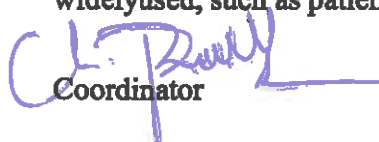
Resource Persons/Name of the Industry: Dr. G.L.N. Murthy

Professor

Lakireddy Bali Reddy College of Engineering

Target Audience: Faculty and students

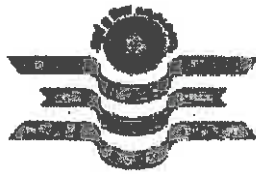
Description: The IoT is significant because an object that can represent itself digitally becomes something greater than the object by itself. No longer does the object just relate to the process; it now connects to surrounding objects and database data, permitting "big data" analytics and insights. IoT has evolved from the convergence of wireless technologies, microelectromechanical systems, microservices and the internet. Consumer IoT took another revolutionary path, either by becoming connected – for example, speed sensors on a bike – or being newly invented. In other instances, such as in healthcare, things have been there but not widely used, such as patient health status.


Coordinator




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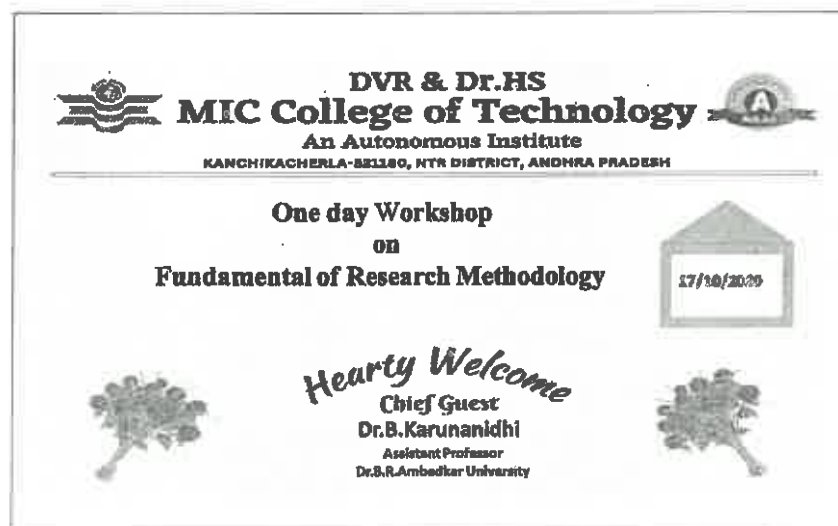
Name of the Event :one dayworkshop on Fundamental of Research Methodology.

Date:17/10/2020

Department: CSE

Academic Year: 2020-21

“Fundamental of Research Methodology“



Date of the Event:17/10/2020

Resource Persons/Name of the Industry:Dr.B.Karunanidhi

Assistant Professor, Dr.B.R.Ambedkar University.

Target Audience:students

Description:it is designed to provide hands on training to the students enrolled for research program recently, and those who face certain challenges to kick-start the process of research systematically. This workshop is focused on the topics complementary to the content mentioned in the syllabus, leading to a good beginning towards success

Outcome:

1. Most helpful and informative session on Research Methodology . The presenter was fantastic, clear, easy to follow, and provided tips that are immediately applicable
2. It was refreshing to hear from a Resource Person in the field of research who can help others maximize the potential to obtain a competitive grant.


Coordinator




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Name of the Event:Introduction to Robot Programming

Date:17.10.2020

Department: Mechanical Engineering**Academic Year:**2020-21

Date of the Event:15.10.2020 & 16.10.2020

Resource Persons&Name of the Industry:Dr. C. Uma Maheswari, Associate Professor, SVCET (A), Chittoor.

Target Audience:Mechanical UG Students

Description:

A Report of Workshop on “Introduction to Robot Programming”

The Department of Mechanical Engineering organized Workshop on “**Introduction to Robot Programming**” from 15.10.2020 to 16.10.2020.

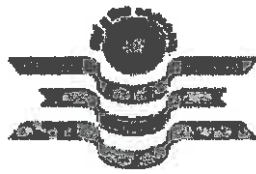
Dr. D.V. Siva Reddy, HOD, Mechanical Engineering welcomed the participants. The program commenced with prayer.

Dr. C. Uma Maheswari, Associate Professor, SVCET (A) has presented a lecture through PPTs about Introduction to Robotics. The IVth-year Mechanical Engineering students participated in this program. She has also explained the major parts involved in the Robots, classification of Robots, Robot Kinematics and their importance. Totally 30 students have attended this program.

The following topics are explained in the program:

- Introduction to Robotics
- Robot Kinematics
- Actuators and its working Principle
- Sensors and its types
- Robot Languages
- Robot Programming using IGUS

A valedictory function is arranged on 16.10.2020 at 4.00 PM by inviting our Principal, Dr.K. Srinivas and faculty also participated in the program, feedback has taken from the



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students, Mr. R. Ranjith Kumar, Course Coordinator delivered a Vote of thanks followed by National Anthem were the highlights of the valedictory function.

Outcomes of the Event:

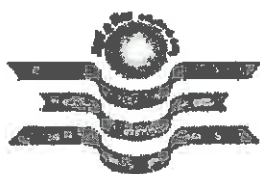
1. Students are able to understand the importance of the Robot Program in the modern world.


Coordinator




Principal

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Phone: 08678 - 273533 / 94914 57799 / 73826 16824
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Name of the Event : A 2 - day Seminar

Date: 20/10/2020

Department: I T Academic Year: 2020-21 Date of the Event: 16/10/2020

Resource Persons/Name of the Industry: Dr. Anu Priya.Koneru, Associate Professor, LBRCE.

Target Audience: 30

"Cloud Computing And Its Applications"



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Cloud Computing And Its Applications



16/10/2020-17-10-2020

**Resource Person
Dr. Anu Priya.Koneru,
Associate Professor,
LBRCE, Mylavaram**

**Organized by
Department of IT**

Description:

Cloud computing refers to the delivery of computing resources, such as servers, storage, databases, and applications, over the internet on a pay-per-use basis. It enables users to access computing resources on demand, without having to invest in their own IT infrastructure.

Cloud storage providers offer secure and scalable storage solutions that customers can use to store and back up their data. This can be a cost-effective alternative to on-premises storage solutions.

Outcomes of the Event:

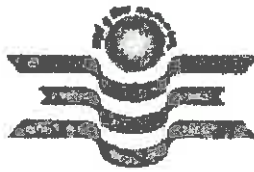
1. Scalability and Elasticity:
2. Cost Savings
3. Accessibility and Mobility

Coordinator



Principal

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Kanchikacherla - 521180, NTR Dist. A.P. India.
Phone: 08573 - 273535 / 94414 51799 / 73626 16834
E mail: office@mictech.ac.in, Web site: www.mictech.edu.in



**Name of the Event :One DaySeminar on Malware Analysis
And Cyber Security**

Date:14/10/2020

Department: CSE Academic Year: 2020-21

“Malware AnalysisAnd Cyber Security“



Date of the Event:14/10/2020

Resource Persons/Name of the Industry:Dr.B.SaiChandana

Associate Professor, VIT-AP, Amaravathi.

Target Audience:Faculty and students

Description:Malware analysis is the process of understanding the behavior and purpose of a suspicious file or URL. The output of the analysis aids in the detection and mitigation of the potential threat.The key benefit of malware analysis is that it helps incident responders and security analysts is to Improve the efficacy of IOC alerts and notifications to Enrich context when threat hunting


Coordinator




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PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
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Kanchikacherla - 521180, N.T.R. Dt., A.P., India.
Phone: (08678) - 273535 / 94913 5799 / 75636 16834
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Name of the Event : WORKSHOP

Date:12-10-2020

Department: CSE

Academic Year: 2020-21

“A ONE DAY ONLINE WORKSHOP ON AWS “



Date of the Event:10-10-2020

Resource Persons/Name of the Industry:Dr.K.DurgaPrasad,senior software engineer,amazon

Target Audience:III Year CSE Students

Description:

A one Day Online workshop on Amazon Web Services was organized by CSE department. Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud, offering over 200 fully featured services from data centers globally. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—are using AWS to lower costs, become more agile, and innovate faster.

Outcomes of the Event:

1. Get specific skills, competencies, or certifications added to a goal.
2. It can help workers improve their proficiency at their current jobs or develop additional qualifications to prepare them for future jobs


HOD-CSE



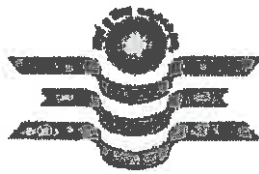


Principal

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Kanchikacherla, N.T.R. Dt.
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Kanchikacherla - 521180, N.T.R. Dist., A.P. India.
Phone: (08878) - 273535 ; 94914 57799 / 73826 16834
E-mail: office@mictech.ac.in, Web site: www.mictech.edu.in



Name of the Event : WORKSHOP

Date:14-09-2020

Department: CSE& IT

Academic Year: 2020-21

“A Two Days Workshop on Mainframe Development and Administration“




Date of the Event:From: 14-09-2020 To: 15-09-2020

**Resource Persons/Name of the Industry:Mr.T.Anji Reddy, Senior Software Engineer,
Miracle Software Solution**

Target Audience:III CSE & IT STUDENTS

Description:

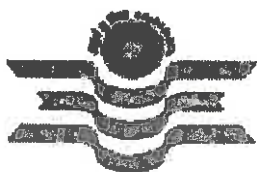
A Two Days Workshop on Mainframe Development and Administration conducted by CSE department. It helps the students about the core, mainframes are high-performance computers with large amounts of memory and processors that process billions of simple calculations and transactions in real time. The mainframe is critical to commercial databases, transaction servers, and applications that require high resiliency, security and agility.


D..Prasad
HOD-CSE




Dr.K.Srinivas
Principal

PRINCIPAL
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MIC College of Technology**

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Kanchikacherla - 521180, NTR Dist., A.P., India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16624
Email: office@mictech.ac.in, Website: www.mictech.edu.in



Name of the Event:Light Weighting Techniques for Product Design

Date:09.09.2020

Department: Mechanical Engineering**Academic Year:**2020-21

Date of the Event:09.09.2020 @ 11.00 AM to 12.30 PM

Resource Persons&Name of the Industry:Dr. S. RenoldElsen, VIT University, Vellore

Target Audience:Mechanical UG Students

Description:

Report of One-day Seminar on "Light Weighting Techniques for Product Design"

Department of Mechanical Engineering of DVR & Dr. HS MIC College of Technology (A), Vijayawada, Andhra Pradesh, Organized a one-day Seminar on "Light Weighting Techniques for Product Design"for 3rd and 4th-yearstudents from 09.09.2020. With eminent personality Dr. S. RenoldElsen, Associate Professor, VIT University, Vellore. Totally 60 participants attended the one-day seminar.

Dr. S. RenoldElsen was the keynote speaker of the Seminar - Introduction to Light Weighting Techniques for Product Design. The informative session began with the welcome address by HoD, Mechanical Engineering, DVR & Dr. HS MIC College of Technology (A), Vijayawada, Andhra Pradesh. Dr. S. RenoldElsen launched the topic by first addressing the origin, development and significance of Product Design. Through a well-made digital presentation on the topic, He gave the attendees a clear insight into the complex processes that are indispensable to the light-weighting techniques for Product Design. He explained in great depth the widely known selection of materials, design optimization and cost optimization of the Product Design using Generative Design in Fusion 360 software.


The event had the keynote speaker taking up the doubts and queries of the participants. The Seminar concluded with a vote of thanks by the coordinator.

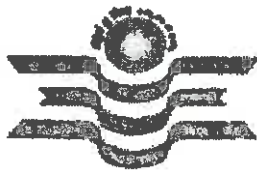
Outcomes of the Event:

1. Students are able to understand the Role of materials selection in Product Design.
2. Students are able to optimize the material and cost in the generative design using Fusion 360 software.


Coordinator




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(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, N.T.R. Dist., A.P., India.
Phone: 08576 - 273535 / 94914 61763 / 73636 16524
E-mail: office@micotech.ac.in, Web: www.micotech.edu.in



Name of the Event: one-day webinar on challenges and possible solutions in Ad-hoc Networks
Date: 26/08/2020

Department: ECE Academic Year: 2020-21

"Challenges and possible solutions in Ad-hoc Networks"



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KANCHIKACHERLA-521180, NTR DISTRICT, ANDHRA PRADESH



**A one-day webinar on
"Challenges and possible
solutions in Ad-hoc Networks"**

Hearty Welcome to

26/08/2020

Chief Guest

Dr. Y. Amar Babu, Prof., & HOD

Lakireddy Bali Reddy College of Engineering

Date of the Event: 26/08/2020

**Resource Persons/Name of the Industry: Dr. Y Amar Babu,
Professor & HOD,**

Lakireddy Bali Reddy College of Engineering

Target Audience: Faculty and students

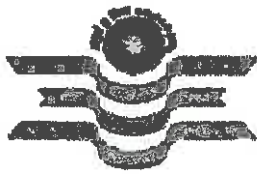
Description: This webinar intends to describe internet and networks in general which are evolving dramatically and, in fact, are essential parts of our daily live. The scope of Internet applications is currently far beyond the initially previewed by Internet/TCP/IP designers. Actual research and development challenges consist in either adapting or clean slating Internet network design in order to allow networks to support mobile users, massive video distribution with high quality, smart cities, e-health and social networking application among many others possible areas and future applications. This webinar, in brief, points to new applications and current research trends in networking towards this (re)evolutionary future.

Coordinator



Principal

**PRINCIPAL
DVR & Dr. HS MIC College of Technology
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Kanchikacherla - 521180, NTR Dist., A.P. India.
Phone: 08678 - 273535 / 34014 27779 / 73036 16834
E-mail: info@mictech.ac.in, Website: www.mictech.edu.in



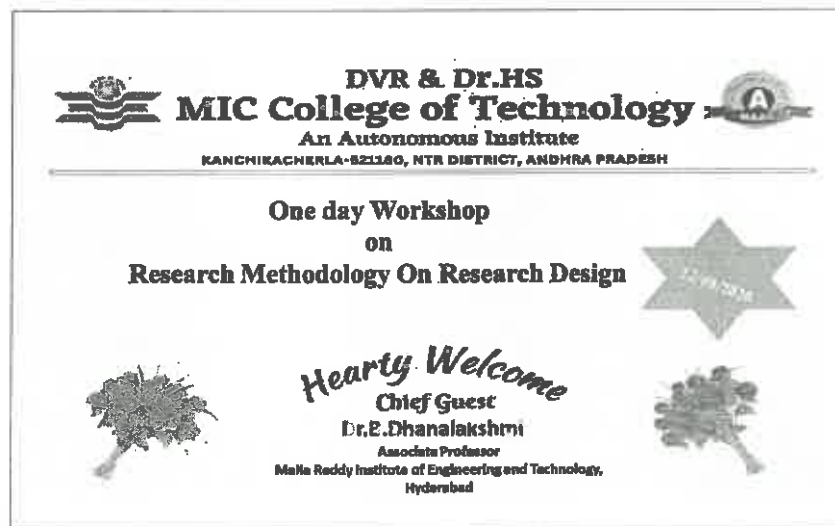
**Name of the Event :One day workshop on Research Methodology
On 'Research Design'.**

Date:22/08/2020

Department: CSE

Academic Year: 2020-21

“Research Methodology on Research Design“



Date of the Event:22/08/2020

Resource Persons/Name of the Industry:Dr.B.Dhanalakshmi

**Associate Professor, Malla Reddy Institute of Engineering and Technology,
Hyderabad.**

Target Audience:Faculty and students

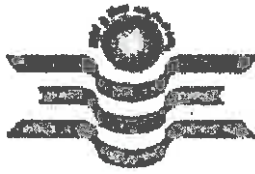
Description:Methodology plays an important role in shaping the nature and process of research and its outcomes. Differences in its approach have been instrumental in developing new discourses and enquiries in social science research. Basic training gained through a regular programme may be supplemented with thematic and focused training in applying various methodological traditions.


Coordinator



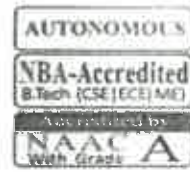

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Kanchikacherla - 521180, NTR Dist., A.P. India.
Phone: 08678 - 273535 / 94914 52799 / 73636 16434
E mail: office@mictech.ac.in, Website: www.mic-tech.edu.in



Name of the Event :One DaySeminar on Deep Learning Date:22/07/2020

Department: CSE Academic Year: 2020-21

“A seminar on Deep Learning“



Date of the Event:22/07/2020

Resource Persons/Name of the Industry: Dr.N.Raghavendra Sai

Associate Professor, KL University, Guntur.

Target Audience:Faculty and students

Description:

- Deep architectures help deep learning by trading a more complicated space for better performance, in some cases, even for less computation time.
- Deep architectures are good models for deep learning, but can't be proved to be the best one. There still many possibilities in the architectures and learning algorithms that can carry out better performances.


Coordinator




Principal

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Andhra Pradesh, India - Pin: 521180



Devineni Venkata Ramana & Dr. Hima Sekhar

MIC College of Technology

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Approved by AICTE and permanently Affiliated to JNTU Kakinada
Kanchikacherla, Vijayawada, Krishna Dist - 521 180 (A.P), India.

Phone: 08678 - 273535, 273623, Fax: 08678 - 273569

Email: office@mictech.ac.in, Website: www.mictech.ac.in



13.07.2020

CIRCULAR

DEPARTMENT OF MECHANICAL ENGINEERING

The 2nd Year Mechanical Engineering students are informed to attend the Seminar on "Advanced Machining Process" through Online Mode (Google Meet) on 18.07.2020 @ 11.00 AM. The details of the program are list below.

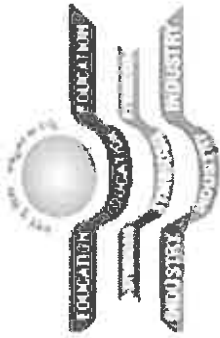
Program Details

Program Name	"Advanced Machining Process"
Date and Time	Date: 18.07.2020 (Saturday) Time: 11.00 AM to 12.30 PM
Resource Person	Dr. A. Sivaraman, R & D Head, Sundaram Fasteners (P) Ltd., Chennai.
Mode	Online (Google Meet)

HOD

Mechanical Engineering

Head of the Department
Dept. of Mechanical Engg.
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt.
Andhra Pradesh, India - Pin: 521180



Devineni Venkata Ramana & Dr. Hima Sekhar

MIC College of Technology (A)

Kanchikacherla, Vijayawada - 521 180 (A.P).

Accredited by NAAC 'A' Grade & NBA.

Affiliated to JNTU Kakinada.

18.07.2020

Time: 11.00 AM to 12.30 PM

Seminar

On

Advanced Machining Process

Organized

By

DEPARTMENT OF MECHANICAL ENGINEERING

(Accredited by NBA)

Resource person

Dr. A. Sivaraman,

R & D Head, Sundaram Fasteners (P) Ltd.

Chennai

Seminar Hall, Mechanical Engineering



Devineni Venkata Ramana & Dr. Hima Sekhar

MIC College of Technology

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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: officemictech@gmail.com, Website: www.mictech.ac.in



Report of Seminar on “Advanced Machining Process”

20.07.2020

The Department of Mechanical Engineering organized a Seminar on “Advanced Machining Process” on 18.07.2020.

Mr. K. Srinivas, HOD, of Mechanical Engineering welcomed the participants and introduced the Resource Person.

Dr. A. Sivaraman, R & D Head, Sundaram Fasteners (P) Ltd., Chennai has presented the lecture through PPTs about the Advanced Machining Process, Rapid Prototyping and 3D Printing machines. The faculty members and IInd Year Mechanical Engineering students have participated in this program. He has also explained the machining process carried out in industries for complex machine components, rapid prototyping and its process. Totally 86 participants attended.

The following topics are explained in the program:

- Advanced Machining Processes – An Overview
- NC and CNC machines
- Unconventional Machining Process
- Additive Manufacturing - An Overview
- Additive Manufacturing and its types
- Subtractive process, additive process, formative process of manufacturing.
- 3D modelling (CAD)
- Data conversion (convert solid to facet information)

Feedback forms were taken from the students and ended the session.

[Signature]
Co-ordinator

[Signature]

[Signature]

HOD

Mechanical Engineering

Head of the Department
Dept. of Mechanical Engg.
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt.
Andhra Pradesh, India – Pin: 521180



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MIC College of Technology

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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.

Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: micnagar@gmail.com, Website: www.mictech.ac.in



Attendance Report of “Advanced Machining Process”

S.No.	Reg. No.	Student Name
1.	18H71A0301	Ajay Kumar K
2.	18H71A0302	Anil Kumar K
3.	18H71A0303	Anil Kumar M
4.	18H71A0304	Anil Reddy S
5.	18H71A0305	Bhanu Chandar I
6.	18H71A0306	Chinna Reddy K
7.	18H71A0307	Chinnam Naidu Ch
8.	18H71A0308	D V N Devendra Kumar Ch
9.	18H71A0309	Gopala Krishna S
10.	18H71A0310	Gopi G
11.	18H71A0311	Gopi Krishna S
12.	18H71A0312	Govardhana Rao K
13.	18H71A0313	Harish A
14.	18H71A0314	Hemanth K
15.	18H71A0315	Hussain Saheb Sk
16.	18H71A0316	Jagadeesh P
17.	18H71A0317	Jaswanth D
18.	18H71A0318	Kamalakar P
19.	18H71A0319	Kartheek Prasad M
20.	18H71A0320	Kranthi Kumar R
21.	18H71A0321	Mouli Venkat N
22.	18H71A0322	Naga Venkata Vara Prasad P
23.	18H71A0323	Naga Venkatesh M
24.	18H71A0324	Nagasai Varma L
25.	18H71A0326	Nayeem Sd
26.	18H71A0327	Pavan Kumar L
27.	18H71A0328	Rakesh R
28.	18H71A0329	Rama Bramham G
29.	18H71A0330	Ramakrishna S
30.	18H71A0331	Sahith Naga Sai U
31.	18H71A0332	Sai Avinash D
32.	18H71A0333	Sai Reddy D
33.	18H71A0334	Sai Srikanth S
34.	18H71A0335	Sasi Priya K
35.	18H71A0336	Sekhar P
36.	18H71A0337	Siva Lakshman Tagore M
37.	18H71A0338	Tandava Krishna M



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NAAC
With Grade A

38.	18H71A0339	Varron M
39.	18H71A0340	V V Siva Naga Manikanta K
40.	18H71A0341	Venkata Sai Mahesh L
41.	18H71A0342	Venkateswara Rao M
42.	18H71A0343	Venu Madhav G
43.	18H71A0344	Vijay K
44.	18H71A0345	Vijay Kumar K
45.	18H71A0346	Yuvaraj Ch
46.	19H75A0301	Balajiswami Ch
47.	19H75A0302	Chaitanya Reddy P
48.	19H75A0303	Chandusha Sk
49.	19H75A0304	Dilip Kumar B
50.	19H75A0305	Dinesh Ch
51.	19H75A0306	Jagan Mohan G
52.	19H75A0307	Jithendra B
53.	19H75A0308	John G
54.	19H75A0309	Joshi G
55.	19H75A0310	Manikanta T
56.	19H75A0311	Lakshmidhar Reddy K
57.	19H75A0312	Manikanta B
58.	19H75A0313	Mohan P
59.	19H75A0314	Nagarjuna K
60.	19H75A0315	Nageswara Rao Y
61.	19H75A0316	Nandavardhan Reddy D
62.	19H75A0317	Naveen K
63.	19H75A0318	Pavan Kalyan K
64.	19H75A0319	Pavan Kumar M
65.	19H75A0320	Prem Paul D
66.	19H75A0321	Pujari Gopal K
67.	19H75A0322	Rahul Teja G
68.	19H75A0323	Rajesh N
69.	19H75A0324	Raju N
70.	19H75A0325	Ram Kumar B
71.	19H75A0326	Rohith Ch
72.	19H75A0328	Sai Bhargav N
73.	19H75A0329	Tarun Kumar G
74.	19H75A0330	Salma Sk
75.	19H75A0331	Sandeep J
76.	19H75A0333	Srikanth P
77.	19H75A0334	Srinivasa Rao B
78.	19H75A0335	Surajbhanu K
79.	19H75A0336	Tejonath B



Devineni Venkata Ramana & Dr. Hima Sekhar

MIC College of Technology

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With Grade A

80.	19H75A0337	Thirupathi Rao Ch
81.	19H75A0338	Uday Kiran L
82.	19H75A0339	Vamsi K
83.	19H75A0340	Venkata Reddy V
84.	19H75A0341	Vinay Babu M
85.	19H75A0342	Vinay Kumar D
86.	19H75A0343	Yesubabu N


Coordinator


Head of the Department
Dept. of Mechanical Engg.
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna DL
Andhra Pradesh, India – Pin: 521180