



**AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING**

Approved by AICTE and Affiliated to Anna University Chennai



TNEA Counselling CODE: **1101**

Department of Computer Science and Engineering
organizes

**VALUE ADDED
COURSE**

**“CLOUD
INFRASTRUCTURE
(AWS)”
For-IV Year Students**

**FROM 12/08/2020
TO 05/09/2020**

Timing
4.00 P.M
To
5.50 P.M

**RESOURCE PERSON
Mr.MOHAMMAD SHABI
M/S IF ELSE TECHNOLOGIES**

Meet link: <https://meet.google.com/pao-hhsd-wdn>

**Dr.N.R.Shanker
HOD/CSE**

**Prof.Dr.Afzal Ali Baig
Principal**

**Alhaj S Segu Jamaludeen
Secretary & Correspondent**

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TNEA Counselling CODE: **1101**

Department of Computer Science and Engineering
organizes

**value
added
course**

**FROM
12/08/2020
TO
5/09/2020**

“CYBER SECURITY”

For -II Year Students

Timing :4.00 PM to 5.50PM

Meet Link:<https://meet.google.com/yaa-fsfm-ixn>

Resource Person :
Mr.Remo Jesuraj
M/S Chase Technologies

Dr.N.R.Shanker
HOD/CSE

Prof.Dr.Afzal Ali Baig
Principal

Alhaj S Segu Jamaludeen
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**VALUE ADDED COURSE
ON
IOS APP DEVELOPMENT
FOR-III YEAR STUDENTS**

RESOURCE PERSON

Mr.MOTHILAL

M/S HOIST

TECHNOLOGIES

FROM :12-08-2020 to

04-09-2020

Time: 4.00Pm to

5.50Pm



Meet Link: <https://meet.google.com/yzs-fxpz-isq>

**Dr.N.R.Shanker
HOD/CSE**

**Prof.Dr.Afzal Ali Baig
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TNEA Counselling CODE: **1101**

Welcome to the Department of Information Technology

**VALUE ADDED
COURSE**

“Image Processing with MATLAB”




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**FROM 08-02-2021
to 26-02-2021**

RESOURCE PERSON
Mr. S. Senthilraj
Elbound Systems Pvt Ltd

Prof.Dr.S.Sathish
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent

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from 3/8/2020 - 7/8/2020

RESOURCE PERSON:
Er. Muhammed Ilyas
CEO, Expert Training,
AMSCE ALUMNUS

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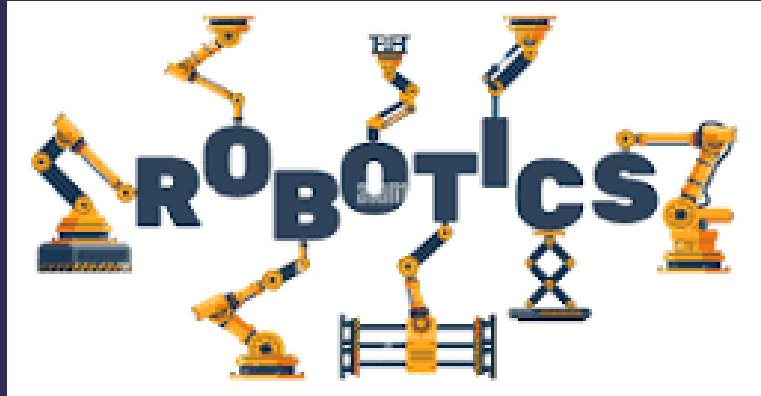
DEPARTMENT OF
ELECTRONICS AND
COMMUNICATION
ENGINEERING

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Alhaj. S. Segu Jamaludeen
Secretary & Correspondent

Prof. Dr. S. SATHISH
PRINCIPAL

Prof. Dr. A.S.Salma Banu
Head/ ECE



VALUE ADDED COURSE



Dr. A.S. Salma Banu
Head of the Department

**AALIM MUHAMMED
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ENGINEERING**

**DEPARTMENT OF
ELECTRONICS AND
COMMUNICATION
ENGINEERING**

RESOURCE PERSON

**G.V. Chandrakanth, B.E.,
MBA., LLB(HONS)
CO-FOUNDER, CTO
ICUBE ROBOTICS**

Dr. S. Sathish
Principal



ROBOTICS



**4th March to 9th March
2021**

Alhaj. S. Segu Jamaludeen
Secretary & Correspondent



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DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
Organizing

VALUE ADDEED COURSE ON SIMULATION OF CIRCUITS USING MATLAB

RESOURCE PERSON
Er.D.Balaji Sakthivel
Test Engineer, City Electrical Group

DATE:
29.08.2020 to
19.09.2020

WEBLINK:
<https://zoom.us/j/3894566910?pwd=cdeg ef256856>

Er.M.S.RAJAN,
Assistant Professor
Head/EEE



Dr.S.SATHISH
Principal


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DEPARTMENT OF MECHANICAL ENGINEERING

*Organise
Value Added Course*

on

“Autodesk - Inventor”



Course Details:

Resource Person:

Mr. R. Ranjith, i3 Design Technologies, Chennai.

Duration: 40Hrs

Course start: 18/02/2021 to 01/04/2021

Time: 2.00 pm to 5:00pm.

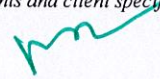
Venue: CAD/CAM Laboratory, Mechanical/Civil Block.

Contact (resource person): +91-9003298576

Course Objectives:

- **Mastery of Autodesk Inventor Fundamentals:** Equip participants with a comprehensive understanding of Autodesk Inventor's core functionalities. This includes learning the basics of 3D modeling, sketching, part creation, and assembly design, ensuring participants can proficiently navigate the software and utilize its primary features for effective design.
- **Advanced Design and Simulation Techniques:** Develop advanced skills in Autodesk Inventor, focusing on complex modeling, surface design, sheet metal design, and simulation tools. Participants will learn to create detailed and accurate models, perform simulations to test and optimize designs, and generate documentation and technical drawings to industry standards.
- **Application of Autodesk Inventor in Real-World Projects:** Foster the ability to apply Autodesk Inventor skills to real-world engineering and design projects. Through practical exercises, case studies, and project-based learning, participants will develop critical problem-solving skills, innovative thinking, and the capability to create efficient, high-quality designs that meet industry requirements and client specifications.




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DEPARTMENT OF MECHANICAL ENGINEERING

Organise
Value Added Course
on
“Non-Destructive Testing”



Course Details:

Resource Person:

Mr. K. Ramesh, Senior Trainer, i3 Design Technologies, Avadi, Chennai.

Course start: 20/02/2021

Duration: 40Hrs

Time: 3:50pm to 6:00pm.

Venue: CAD/CAM Laboratory, Mechanical/Civil Block.

Contact (resource person): +91-9003298576

Course Objectives:

- **Comprehensive Knowledge of Non-Destructive Testing (NDT) Methods:** Provide participants with a thorough understanding of various NDT techniques, including ultrasonic testing, radiographic testing, magnetic particle testing, liquid penetrant testing, and eddy current testing. This objective aims to ensure learners are well-versed in the principles, applications, advantages, and limitations of each method.
- **Proficiency in NDT Equipment and Procedures:** Equip participants with practical skills and technical proficiency in using NDT equipment and conducting inspections. Through hands-on training and laboratory exercises, learners will practice and master the procedures for setting up, calibrating, and interpreting results from NDT equipment to detect defects and ensure the integrity of materials and structures.
- **Implementation of Safety Standards and Quality Assurance:** Instill a deep understanding of the safety standards, industry regulations, and quality assurance protocols associated with NDT. Participants will learn to implement best practices to ensure the safety of inspection personnel, maintain the reliability and accuracy of testing processes, and comply with regulatory requirements to uphold the quality and safety of inspected components.



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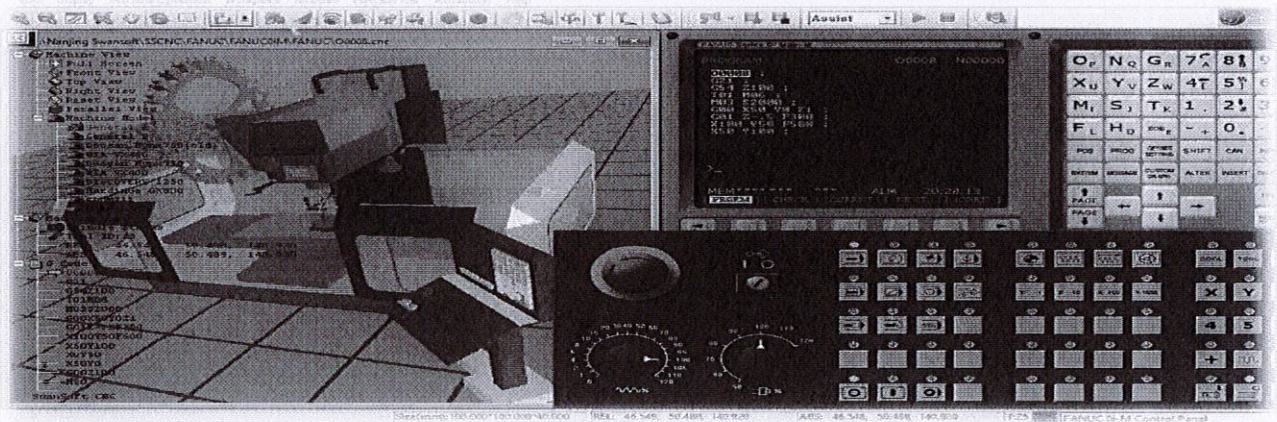


DEPARTMENT OF MECHANICAL ENGINEERING

*Organise
Value Added Course*

on

“Fundamentals in CNC Programming”



Course Details:

Resource Person:

Mr. A. Subash, CNC Programmer, i3 Design Technologies, Chennai.

Duration: 40Hrs

Course start: 19/02/2021 to 02/04/2021

Time: 2.00 pm to 5:00pm.

Venue: CAM Laboratory, Mechanical/Civil Block.

Contact (resource person): +91-9003298576

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Course Objectives:

- **Understanding CNC Programming Principles:** Provide participants with a comprehensive understanding of the fundamental principles of CNC (Computer Numerical Control) programming. This includes learning about CNC machine types, coordinate systems, and the basic commands and codes used in CNC programming. Participants will gain the foundational knowledge necessary to understand and write CNC programs.
- **Technical Proficiency in CNC Programming:** Develop practical skills in creating and optimizing CNC programs for various machining operations. Through hands-on training and exercises, participants will learn to program CNC machines for tasks such as milling, turning, and drilling. They will also understand how to troubleshoot and modify programs to improve efficiency and precision.
- **Application of CNC Programming in Real-World Scenarios:** Equip participants with the ability to apply CNC programming skills to real-world manufacturing scenarios. This includes learning to interpret technical drawings and specifications, selecting appropriate tools and materials, and ensuring adherence to safety and quality standards. Participants will gain experience through practical projects and case studies, enhancing their problem-solving and critical-thinking abilities in a CNC machining context.





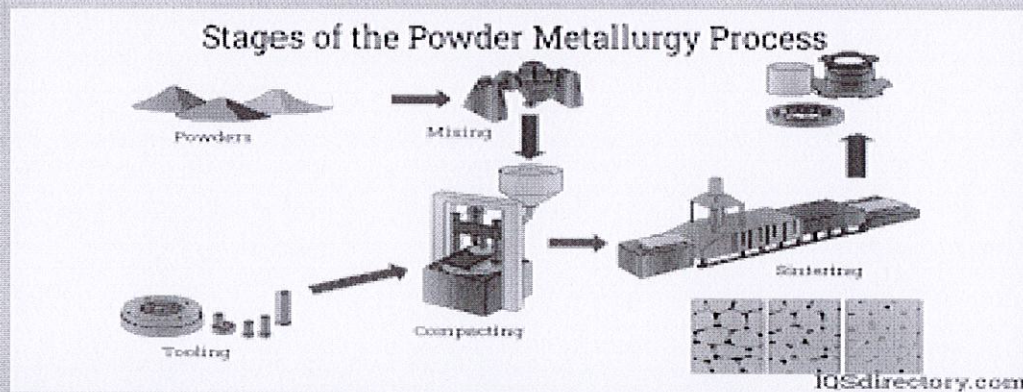
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DEPARTMENT OF MECHANICAL ENGINEERING

*Organizes
Value Added Course*

on

“Powder Metallurgy”



Course Details:

Resource Person:

Dr.S.Sathish, Associate Professor, Department of Mechanical Engineering

Sponsored by i3 Design Technologies

Aalim Muhammed Salegh College of Engineering.

Course start: 01.03.2021 to 27.03.2021

Duration: 32Hrs

Time: 1:00 PM to 5.00 PM.

Venue: CAD/CAM Laboratory, Manufacturing Technology Laboratory

Mechanical/Civil Block. Contact (resource person): +91-9894260193


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Course Objectives:

Understand the Basics of Powder Metallurgy:

- Grasp the fundamental principles and concepts of powder metallurgy, including the history and development of the field.

Learn Powder Production Techniques:

- Explore various methods for producing metal powders, such as atomization, chemical reduction, and electrolysis.

Study Powder Characteristics and Properties:

- Analyze the physical and chemical properties of metal powders, including particle size, shape, distribution, and flowability.

Understand Powder Compaction Processes:

- Examine the different techniques for compacting powders into desired shapes, such as uniaxial pressing, isostatic pressing, and extrusion.

Explore Sintering Techniques:

- Learn about the sinter





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DEPARTMENT OF MECHANICAL ENGINEERING

Organise Value Added Course on “Interpersonal Skills”



Course Details:

Resource Person:

Mr. K. Nishanth, Department of Science and Humanities.

Duration: 32Hrs

Course start: 01/03/2021

Time: 3:50pm to 5:30pm.

Venue: Communication Lab, Basic Engineering Block.

Contact (resource person): +91-9003298576

Course Objectives:

- **Enhancement of Communication Skills:** Develop participants' ability to communicate effectively in various contexts. This includes improving verbal and non-verbal communication, active listening, and the ability to convey ideas clearly and confidently. Participants will learn to tailor their communication style to different audiences and situations, fostering better understanding and collaboration.
- **Building Strong Relationships and Teamwork:** Equip participants with the skills necessary to build and maintain positive relationships in both personal and professional settings. This objective focuses on teamwork, conflict resolution, empathy, and emotional intelligence. Participants will learn strategies for effective collaboration, managing interpersonal conflicts, and creating a supportive and inclusive environment.
- **Leadership and Influence:** Foster leadership and influencing skills to enable participants to guide, motivate, and inspire others. This includes developing abilities in negotiation, persuasion, and decision-making. Participants will learn how to lead by example, build trust, and influence others positively, whether in a formal leadership role or as part of a team.



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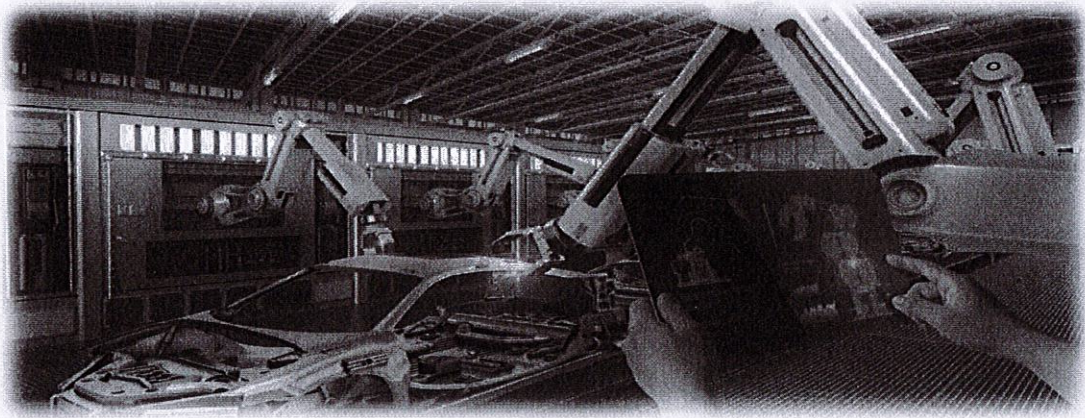


DEPARTMENT OF MECHANICAL ENGINEERING

*Organise
Value Added Course*

on

“Advances in Automotive Safety”



Course Details:

Resource Person:

Mr. M. Nizamudeen, Associate Trainee, i3 Design Technologies, Chennai.

Duration: 30Hrs

Course start: 23.02.2021 to 19.3.2021

Time: 1.00 pm to 5:00pm.

Venue: CAD/CAM Laboratory, Mechanical/Civil Block.

Contact (resource person): +91-9003298576

Course Objectives:

- **Comprehensive Understanding of Automotive Safety Systems:** Provide participants with an in-depth knowledge of the latest advancements in automotive safety technologies and systems. This includes studying active and passive safety features such as advanced driver-assistance systems (ADAS), collision avoidance systems, airbags, and crashworthiness. Participants will gain an understanding of how these technologies work together to enhance vehicle safety.
- **Technical Proficiency in Safety System Integration and Testing:** Develop practical skills in integrating and testing advanced automotive safety systems. Through hands-on training and laboratory exercises, participants will learn to install, calibrate, and evaluate the performance of safety technologies. They will also understand the importance of system interoperability and the methods used to test and validate safety features to ensure they meet industry standards.
- **Application of Safety Regulations and Standards:** Equip participants with the knowledge of global automotive safety regulations, standards, and testing protocols. This includes understanding the requirements set by organizations such as the National Highway Traffic Safety Administration (NHTSA) and the



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