



SREE SAKTHI ENGINEERING COLLEGE

TNEA Admission Code **2673**

OOTY MAIN ROAD, KARAMADAI, | MOB : +91 92445 04444, +91 92445 02277
COIMBATORE- 641104. INDIA | Web : www.sreesakthi.edu.in

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6.5.1

**INTERNAL QUALITY ASSURANCE
CELL (IQAC) HAS CONTRIBUTED
SIGNIFICANTLY FOR
INSTITUTIONALIZING THE
QUALITY ASSURANCE STRATEGIES
AND PROCESSES**



SREE SAKTHI ENGINEERING COLLEGE

KARAMADAI, COIMBATORE-641104

(Affiliated to Anna University, Approved by AICTE, Accredited by NAAC)

NAME OF THE HOD: Mr.S.KAMBAN

DEPARTMENT: MECHANICAL ENGINEERING

EVENT ORGANIZED BY: DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2021-2022 (ODD SEM)

S.No	DATE	NAME OF THE EVENT
1	28.08.2021	Virtual Guest Lecture on “YOUNG ENTREPRENEUR”
2	23.09.2021 & 24.09.2021	Hands on Training “DISMANTLING & ASSEMBLING OF AUTOMOTIVE ENGINES FOR FINAL YEAR STUDENTS”
3	25.09.2021	Virtual Guest Lecture on “EXPLORING THE PLC PROGRAMMING- AN INTRODUCTORY NOTE”
4	25.09.2021	One Day Industrial Visit on “GD NAIDU OLD CAR AND SCIENCE MUSEUM”
5	29.10.2021 & 30.10.2021	Hands on Training “DISMANTLING & ASSEMBLING OF AUTOMOTIVE ENGINES FOR FINAL YEAR STUDENTS”

“REPORT ON DIFFERENT TYPES OF ACTIVITIES PERFORMED BY DEPARTMENT OF MECHANICAL ENGINEERING FOR STUDENTS”

1. Virtual Guest Lecture on “YOUNG ENTREPRENEUR”

The main objective of this Guest Lecture was being your own boss is the ultimate career goal for many graduates. However, there are inevitably going to be a few obstacles that will get in the way – the most obvious being a lack of funds and experience.

But don't let that put you off! Small Business Trends found that 82 percent of successful business owners felt they had the right qualifications and proper experience to run their company.

While a quick internet search of ‘how to become an entrepreneur?’ will return thousands of results, it can be a challenge filtering out the most important information and advice. To help make things a little easier, here are eight valuable tips that can help you go from graduate to entrepreneur. This seminar will help and make for all your business thinking.

DETAIL REPORT OF VIRTUAL GUEST LECTURE:

TITLE: “YOUNG ENTREPRENEUR”

DATE: 28-08-2021

VENUE: GOOGLE MEET

TARGET AUDIENCE: MECHANICAL STUDENTS

RESOURCE PERSON: Ms. S. PAVITHRA, M.E (PHD) MANAKULA VINAYAKAR
INSTITUTE OF TECHNOLOGY, PUDUCHERRY

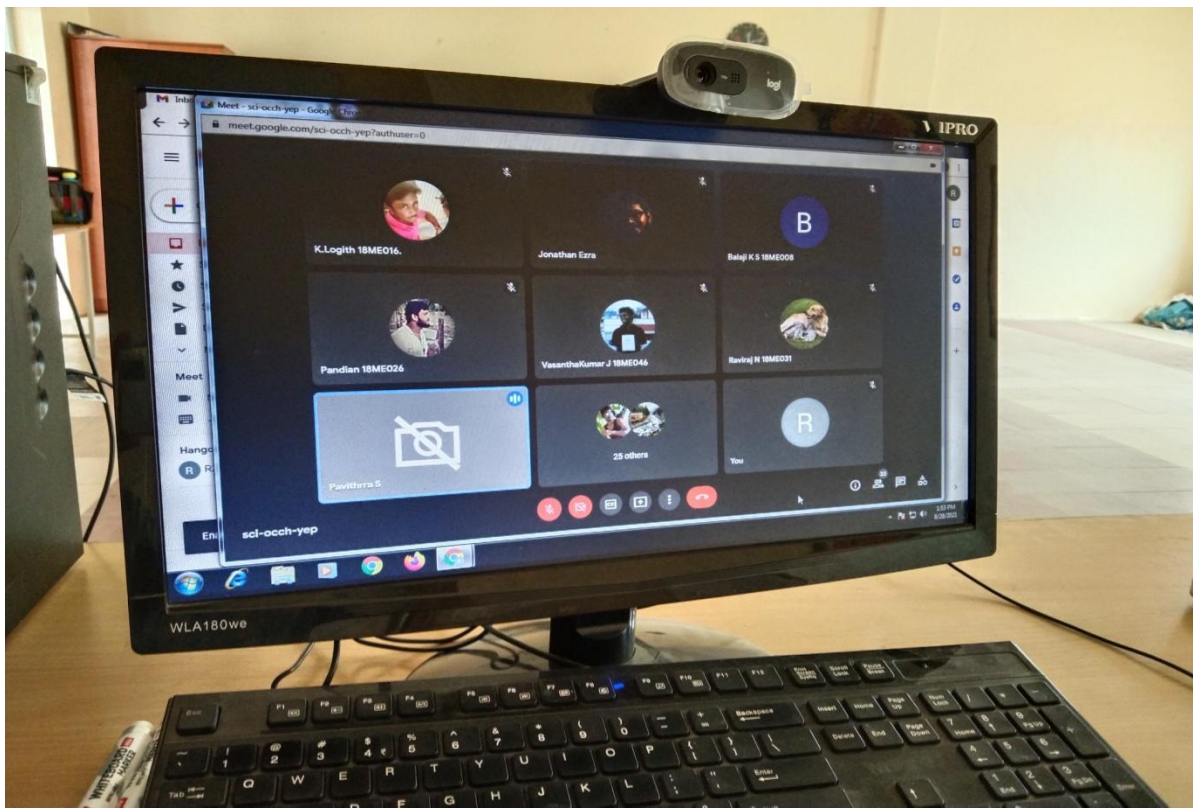
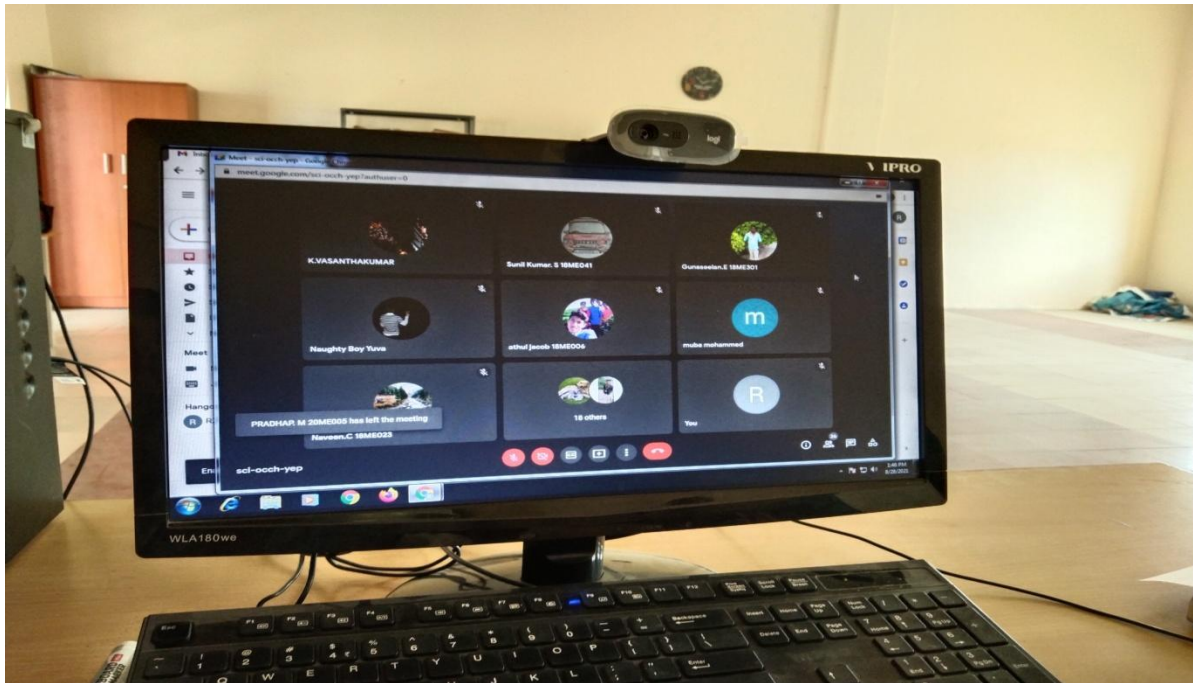
OBJECTIVE OF PROGRAM:

- To enhance the knowledge of students in Business management
- To understand role of students to think creative
- To develop the knowledge in Entrepreneur sector

TOPICS COVERED IN GUEST LECTURE:

- Introduction in Business management
- Entrepreneur in student
- Role of student as entrepreneur
- How to become entrepreneur

GLIMPSE OF SEMINAR



2. Hands on Training “DISMANTLING & ASSEMBLING OF AUTOMOTIVE ENGINES FOR FINAL YEAR STUDENTS”

The main objective of this workshop is to promote the basics and applications of internal combustion engine. This also includes hands on practice of assembling and dismantling of engines for direct or indirect use in engineering and other allied field. The workshop provides a forum in which the participants can learn about the importance of IC engine design and hands on practice in Mechanical and Automobile disciplines. These equipment's & tools are in compliance to industry standards so that they have a simulated experience of the industry.

DETAIL REPORT OF TRAINING:

TITLE: ENGINE ASSEMBLY & DISMANTLING

DATE: 23-09-2021 & 24-09-2021

VENUE: THERMAL ENGINEERING LAB

TARGET AUDIENCE: MECHANICAL FINAL YEAR STUDENTS

RESOURCE PERSON: MrA.BHARATHI SHANKAR, TRAINING MANAGER, AMBAL AUTO, CBE.

OBJECTIVE OF PROGRAM:

- To enhance the knowledge of students in Working of internal IC Engine components
- To understand how transmission, suspension and other car systems work
- To develop the knowledge on How to configure and experiment with an automobile model

TOPICS COVERED IN TRAINING:

- Dismantling and assembling a life size engine (150 cc)
- Analyzing all the IC Engine components first hand
- Live demonstration of internal mechanism of an IC Engine
- Chassis Design & Fabrication
- Powertrain Design & Placement
- Transmission systems & Suspension systems
- Steering Mechanism
- Radio Controls for the miniature Automobile

GLIMPSE OF HANDS-ON TRAINING



3. Virtual Seminar on “EXPLORING THE PLC PROGRAMMING- AN INTRODUCTORY NOTE”

The main objective of this Guest Lecture was to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop was to teach the basic fundamentals of automation in the students and provide them with a platform to work on, In The Near Future. The Most Used Guiding Force Behind an Automated Industrial Plant Is A “Programmable Logic Controller” Generally Known As A PLC. PLCs Along With Certain Other Necessary Ingredients Like Sensors, Motors, Actuators, Valves, Conveyors, Boilers, SCADA Systems, Computers & Many More, Makes A Real Automated Manufacturing Plant. All the faculty and staff members actively participated in the event to make it a grand success.

DETAIL REPORT OF VIRTUAL GUEST LECTURE:

TITLE: EXPLORING THE PLC

DATE: 25-09-2021

VENUE: GOOGLE MEET

TARGET AUDIENCE: MECHANICAL STUDENTS

**RESOURCE PERSON: Mrs.R.PRIYA, M.E, MBA AP/EEE, MANAKULA VINAYAKAR
INSTITUTE OF TECHNOLOGY, PUDUCHERRY**

OBJECTIVE OF PROGRAM:

- To enhance the knowledge of students in Industrial Automation
- To understand role of SCADA in industrial automation
- To develop the knowledge in modules of PLC designing

TOPICS COVERED IN GUEST LECTURE:

- Introduction To Automation
- Why We Need Automation
- Where Automation?
- Evolution In Industrial Automation (A Brief History)
- Introduction To PLCs
- PLC Advantages Over Microcontrollers
- Area Of Applications

GLIMPSE OF VIRTUAL GUEST LECTURE



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Karamadai, Coimbatore

TNEA CODE
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Department of Mechanical Engineering

Cordially Invites You all for the
Virtual Guest Lecture on the topic of

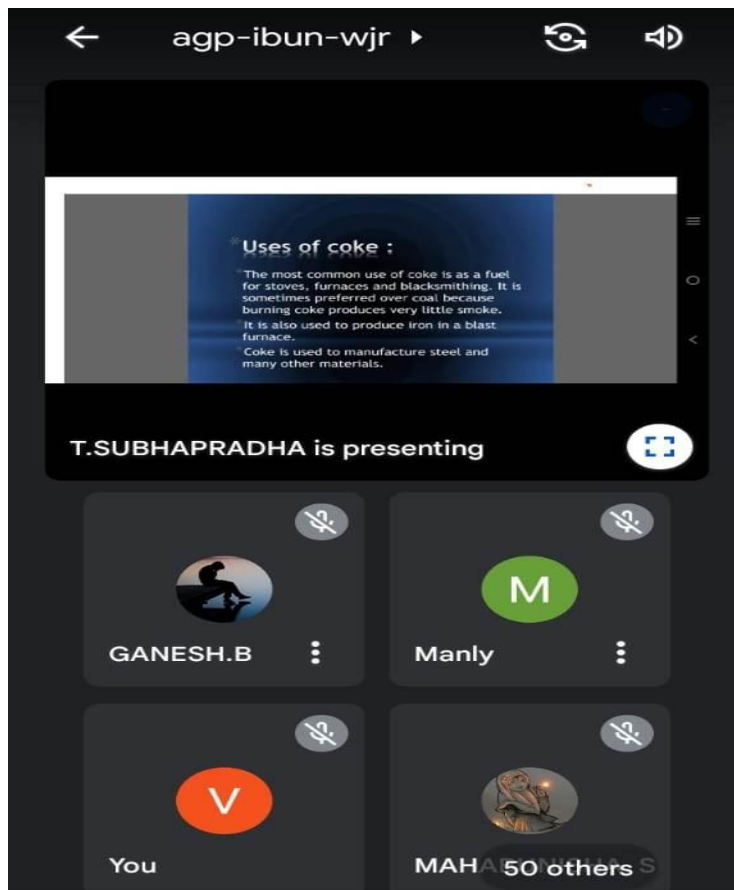
Exploring the PLC Programming- An Introductory Note



Guest Speaker
Mrs.R.Priya, M.E, MBA,
AP/EEE,
Manakula Vinayakar Institute of Technology,
Puducherry.

Hearty Welcome to all...

Date : 25.09.2021
Time:11.45am-12.45pm



← agp-ibun-wjr ▶ 🔁 🔊

Uses of coke :

The most common use of coke is as a fuel for stoves, furnaces and blacksmithing. It is sometimes preferred over coal because burning coke produces very little smoke. It is also used to produce iron in a blast furnace.
Coke is used to manufacture steel and many other materials.

T.SUBHAPRADHA is presenting

GANESH.B Manly You MAHA 50 others

4. One Day Industrial Visit “ G D Naidu Museum – Old Car Collections and Science Museum ”

The main objective of this industrial visit is to enhance the knowledge of old collections. They can easily gain and utilize the history of old car collection from history and its engine working. They are also having chance for identifying the life of legend Dr.GD Naidu and his life history. Also this visit extends the knowledge of history of old devies like calculators, telephones, printing press etc. Hence this visit made student very effective and historical knowledge on old cars and science technology and devices.

DETAIL REPORT OF TRAINING:

TITLE: ONE DAY IV – GD NAIDU CAR & SCIENCE MUSEUM

DATE: 25.09.2021

VENUE: G D NAIDU MUSEUM, LAKSHMI MILLS - COIMBATORE

TARGET AUDIENCE: MECHANICAL II & III YEAR STUDENTS

RESOURCE PERSON: Mr VIGNESH , MUSEUM MANAGER, GD NAIDU MUSEUM, COIMBATORE.

OBJECTIVE OF PROGRAM:

- To enhance the knowledge of students in old car collections and its history
- To understand how automobile engines running condition
- To develop the knowledge on Old engines and also the history of mechanical instruments

PLACES VISITED:

- Old car collections
- Life museum of GD Naidu memorial hall
- Science museum hall
- Mechanical old instruments hall
- Old kings chariot
- Science fiction room

➤ GLIMPSE OF INDUSTRIAL VISIT



5. Hands on Training “DISMANTLING & ASSEMBLING OF AUTOMOTIVE ENGINES FOR II & III YEAR STUDENTS”

The main objective of this workshop is to promote the basics and applications of internal combustion engine. This also includes hands on practice of assembling and dismantling of engines for direct or indirect use in engineering and other allied field. The workshop provides a forum in which the participants can learn about the importance of IC engine design and hands on practice in Mechanical and Automobile disciplines. These equipment's & tools are in compliance to industry standards so that they have a simulated experience of the industry.

DETAIL REPORT OF TRAINING:

TITLE: ENGINE ASSEMBLY & DISMANTLING

DATE: 29-10-2021 & 30-10-2021

VENUE: MECHATRONICS LAB

TARGET AUDIENCE: MECHANICAL II & III YEAR STUDENTS

RESOURCE PERSON: MrA.BHARATHI SHANKAR, TRAINING MANAGER, AMBAL AUTO, CBE.

OBJECTIVE OF PROGRAM:

- To enhance the knowledge of students in Working of internal IC Engine components
- To understand how transmission, suspension and other car systems work
- To develop the knowledge on How to configure and experiment with an automobile model

TOPICS COVERED IN TRAINING:

- Dismantling and assembling a life size engine (150 cc)
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- Live demonstration of internal mechanism of an IC Engine
- Chassis Design & Fabrication
- Powertrain Design & Placement
- Transmission systems & Suspension systems
- Steering Mechanism
- Radio Controls for the miniature Automobile

GLIMPSE OF HANDS-ON TRAINING



ABOUT THE INSTITUTION:

Sree Sakthi Engineering College believes in Success Tomorrow, Begins with SSEC Today, a private engineering college Founded in 2010 under the auspices of Sree Sakthi Charitable trust by its founder Chairman Shri. N. Dharmalingam and Correspondent Dr.S.Karthikeyan. The College has grown with the community to meet the life long learning needs.

The College is located at Karamadai, 25Kms away from Coimbatore on the Ooty to Coimbatore National Highways. The College is located in a natural environment. The College offers five bachelor degree and one master degree. The college is affiliated to Anna University and Approved by All India Council for Technical Education. Student success is the College's primary goal. With a 20:1 student-faculty ratio, the College is committed to working closely with students to help them reach their educational goals. Students learn from highly qualified facilities.

ABOUT THE DEPARTMENT:

The Goal of the Department of Electronics and Communication Engineering is to enable the students

Attain excellence in the different domain of Electronics field. The B.E.,ECE Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

PROGRAMME OBJECTIVE:

- ✓ Introduction to Robotics
- ✓ Introduction to PCB & Circuit Designing
- ✓ Basics of hardware and software
- ✓ New and upcoming Technologies
- ✓ Introduction to Manual Robotics
- ✓ Motor principle explained
- ✓ Different types manual robots and their applications
- ✓ Controlling of motors through switches
- ✓ Gear assembly and calculations
- ✓ Different types of chassis design

RESOURCE PERSON:

Mr.M.RANJITHKUMAR
Thick India

COORDINATOR:

Mrs.S.SASIKALA
ASSISTANT
PROFESSOR/ECE
Sree Sakthi Engineering
College,

Karamadai.Coimbatore-64104

Mobile: 9940796364.

VALUE ADDED COURSE

ON

PCB DESIGN

18th to 25th June 2021

Organized

By



DEPARTMENT OF ELECTRONICS
AND COMMUNICATION
ENGINEERING

PATRON

Dr.R.PRABHU,M.E,PhD,PGDPM & IR,
F.I.E.
PRINCIPAL

CONVENER

MR.A.JEYLANI,
ASSISTANT PROFESSOR
& HEAD /ECE

SREE SAKTHI ENGINEERING
COLLEGE

(Accredited by NAAC with B+ Grade,
Approved by AICTE, Affiliated to
Anna University, Chennai)

IN ASSOCIATION WITH CRYSTAL
CLEAR





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Department of Training & Placement Cell

Cordially Invites You all for

Virtual Faculty Development Program on the topic of

"Etiquette's"



SYED MOHAMED

Director-International Relations,
Vinayaka Mission Research Foundations, Chennai

Date : 16.08.2021

Time: 03.00pm



Google Meet Link : <https://meet.google.com/bfo-oixn-tdc>

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Department of Training & Placement Cell

Cordially Invites You all for

Virtual Faculty Development Program on the topic of

"UNMASK"



MUSEE PUGAZHENDI

Motivational Guru

Date :14.08.2021

Time: 03.00pm



Google Meet Link :<https://meet.google.com/bfo-oixn-tdc>

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Department of Mechanical Engineering

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Virtual Seminar on the topic of

"Young Entrepreneur"



GUEST SPEAKER

MS.S.PAVITHRA

GENERAL MANAGER,

Amplify India Enterprise & Co - Coimbatore.

Date :28.08.2021

Time: 01.30pm



☆**Exclusive for Mech Department SSEC Students**

Dr.S.KARTHIKEYAN
CORRESPONDENT

Dr.R.PRABHU
PRINCIPAL

Mr.N.PRASANAN
CEO



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Department of Training & Placement Cell

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Virtual Industry Expectation Program on the topic of

"Getting Ready to Future"



Guest Speaker of the Day

MR. RAJAN BABU

CEO & Director-HR
Arghaa Technologies, Chennai.

Date :25.08.2021

Time: 10.45am



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Department of Training & Placement Cell

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Virtual Industry Expectation Program on the topic of

"Effective Methods of Developing Skills"



GUEST SPEAKER OF THE DAY

MS.T.MEENA

Application Development-Team Lead,
Accenture, Bangalore.

Date :27.08.2021

Time: 10.45am



☆ **Exclusive for IV & III Year UG SSEC Students**

Dr.S.KARTHIKEYAN
CORRESPONDENT

Dr.R.PRABHU
PRINCIPAL

Mr.N.PRASANNAN
CEO



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Virtual Industry Expectation Program on the topic of

"Corporate Expectations from Freshers"



GUEST SPEAKER OF THE DAY

DR. MOHAN PARTHASARATHY

Deputy General Manager-HR,
Shriram City Union Finance, Chennai.

Date :26.08.2021

Time: 10.45am



☆ **Exclusive for IV & III Year UG SSEC Students**

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CORRESPONDENT

Dr.R.PRABHU
PRINCIPAL

Mr.N.PRASANAN
CEO



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Department of Training & Placement Cell

Cordially Invites You all for

Virtual Industry Expectation Program on the topic of

"Employability Skills"



GUEST SPEAKER OF THE DAY

MS.MALINI SARAVANAN

DEPUTY GENERAL MANAGER,
THE NEW INDIAN EXPRESS GROUP,CHENNAI

Date :28.08.2021

Time: 10.45am



☆**Exclusive for IV & III Year UG SSEC Students**

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Dr.R.PRABHU
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CEO



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Department of Training & Placement Cell

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Virtual Training Program on the topic of

"Employability Skills"

By

MS.SIVA KEERTHANA

Corporate Trainer, Chennai.

Date :23.08.2021

Time: 01.35pm



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Department of ECE & EEE

Cordially Invites You all for

Virtual Seminar on the topic of

"World Job Opportunities for Engineering Students"



Resource Person

MR.R.S.VENKATACHALAM

Managing Director,
Wizaard System, Coimbatore

Date :28.08.2021

Time: 10.45am



☆ Exclusive for ECE & EEE SSEC Students

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