



# SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Coimbatore-641062

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



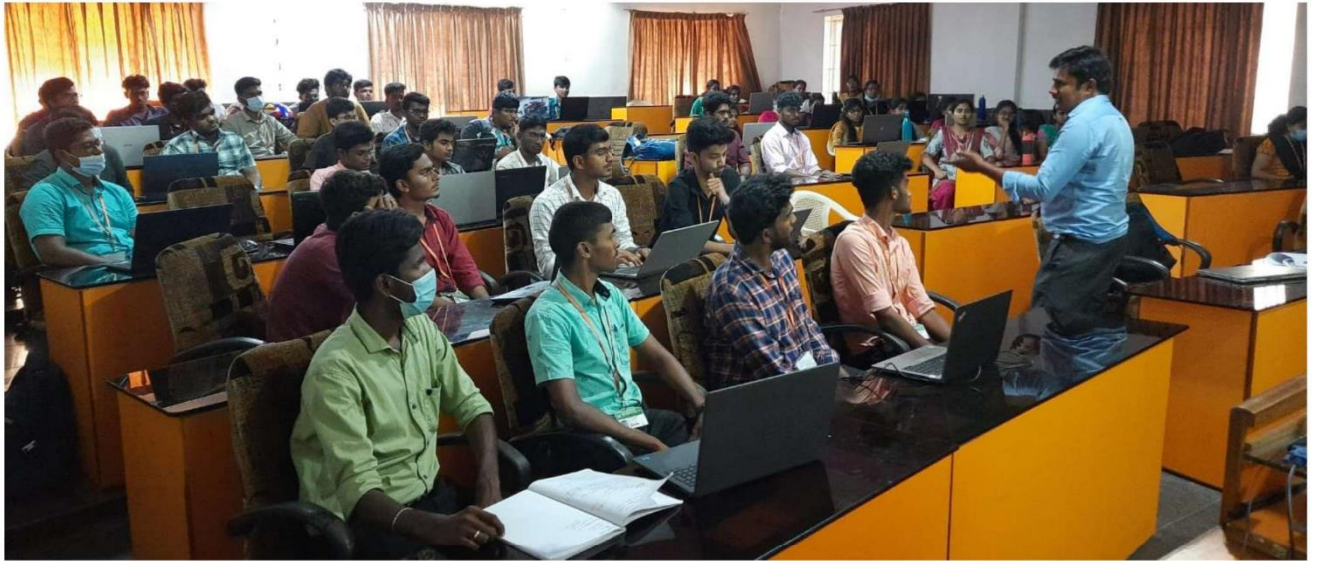
## PCB DESIGN AND FABRICATION USING ALTIUM SOFTWARE

The Department of Electronics and Communication Engineering of Sri Shakthi Institute of Engineering and Technology has organized two-day Hands-on workshop on “PCB DESIGN AND FABRICATION USING ALTIUM SOFTWARE” for the II year ECE students and teaching faculty on 28.03.22 and 29.03.22. The session was handled by Mr. Ramesh, Technical Head, Pioneer Circuits Coimbatore.

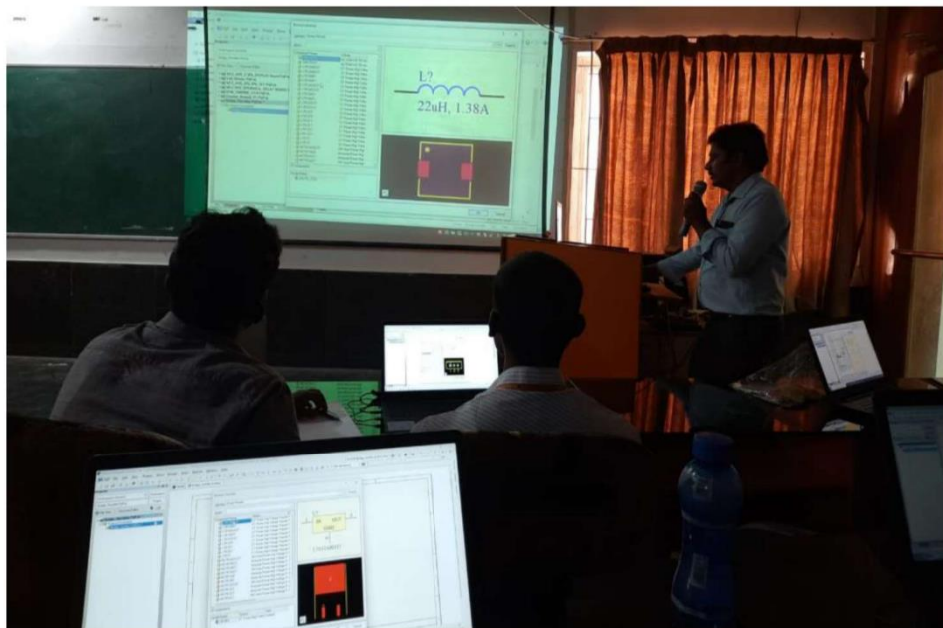
On 28.03.22 HOD Dr. S. Bhavani Addressed the gatherings, she emphasized the importance of learning PCB designing tools and she highlighted the job opportunities for PCB design engineers in India and abroad. She encouraged the students to learn Altium software.




Mr. Ramesh explained about the purpose of PCB, He clearly differentiated the difference between PCB designing and breadboard designing. Also, he gave a sound knowledge on various types of PCB and the Number of PCB layers used in smart phones and computer motherboard. He elaborated about various types of software's used for PCB designing in industries out of which ALTIUM software is a multi-layer PCB design software used by Various professionals and industrial expert. He taught us Basics of Altium software and Altium software installation process.




On 29.03.22 Mr. Ramesh clearly explained the working of bridge rectifier circuit, how to work in Altium software, how to select and identify components in the Altium software. How to draw the schematic of bridge rectifier circuit. Also, he precisely thought the shortcut keys of Altium software. Design flow of pcb design. Layout design of bridge rectifier. He explained the different process involved in the fabrication of PCB.



  
Co-Ordinator

  
HOD

  
Principal





# SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY  
COIMBATORE – 641 062



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Circular

23.03.21

It is planned to organize Hands on workshop on “PCB DESIGN AND FABRICATION USING ALTIUM SOFTWARE” for the students of II ECE and teaching faculty on 28.03.22 and 29.03.22 by the Department of Electronics and Communication. The session to be handled by Mr. Ramesh, Technical Head, Pioneer Circuits Coimbatore. All the staffs are asked to attend the workshop

Venue : Embedded Lab

Date : 28.03.22 and 29.03.22

Time: 8.30 AM to 4.30 PM

Co-Ordinator

HOD

Principal



# SRI SHAKTHI

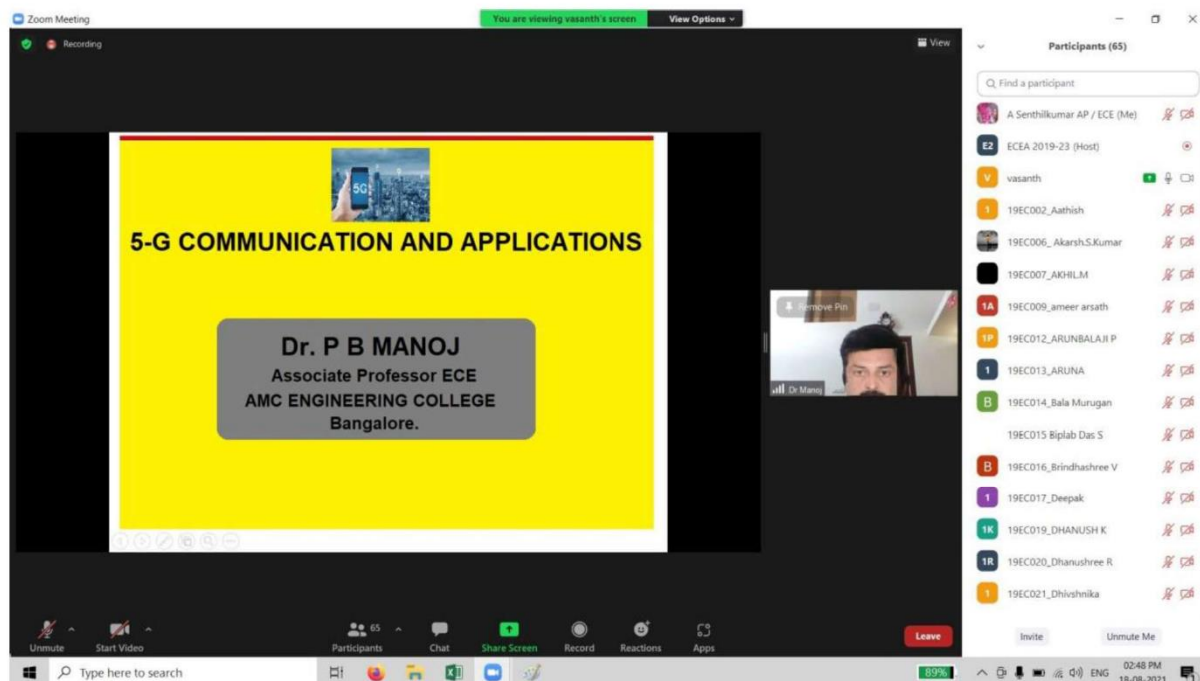
INSTITUTE OF ENGINEERING AND TECHNOLOGY  
COIMBATORE – 641 062



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


### 5G Communication and Applications – Webinar report

The Department of Electronics and Communication Engineering of Sri Shakthi Institute of Engineering and Technology has organized a webinar on **5G Communication and Applications** for the III Year ECE students and staffs. On 12.01.22. The session was handled by Dr.P.B. Manoj, Associate Professor, AMC Engineering college, Bangalore. He gave a detailed comparison on various mobile network on 1G, 2G, 3G, and 4G networks. He explained what 5G i.e. 5th generation mobile network is. How 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices. He gave a detailed explanation on mm waves and its range. He also added that 5G wireless technology is meant to deliver higher multi-Gbps peak data speeds with ultra-low latency, more reliable, massive network capacity, increased availability, and a more uniform user experience to more users. The session was very interactive and very useful to the students.



  
Co-Ordinator

  
HOD

  
Principal



# SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY  
COIMBATORE – 641 062



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Circular

10.01.22

It is planned to organize a Webinar on 5G Technology and Applications on 12.01.2022 by the Department of Electronics and Communication Engineering for the III Year ECE students and staffs. The session to be handled by **Dr. PB Manoj, Associate Professor, ECE, AMC Engineering College, Bangalore.** All the students and faculty are requested to attend the webinar.

Zoom ID : 396 561 4397

Passcode:123

Date & Time: 12.01.2022 & 2.00 PM to 3.30 PM

Co-Ordinator

HOD

Principal



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**Department of Electronics and Communication Engineering**

**ACADEMIC GUEST LECTURE**

# **5-G COMMUNICATION & APPLICATIONS**

**RESOURCE PERSON**

**Dr. PB Manoj**  
HOD / EEE  
AMC Engineering College  
Bangalore

**Co-ordinators**

**Mr. A Senthilkumar AP(S) / ECE**  
**Mrs. R Sudha AP(S) / ECE**

**Head of Department**

**Dr.S.Bhavani**  
Professor  
Department of ECE

**DATE: 12.01.2022**

**TIME: 2.00 PM**

**Zoom Meeting ID : 396 561 4397**

**Passcode : 123**

**[www.siet.ac.in](http://www.siet.ac.in)**





# SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY  
COIMBATORE – 641 062

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



## Circular

03.03.21

It is planned to organize Hands on workshop on “BASICS OF PCB DESIGN AND FABRICATION” for teaching and non-teaching faculty on 27.12.21 by the Department of Electronics and Communication. The session to be handled by Mr. Arumuga Raja, Free Lancer cum consultant, Coimbatore. All the staffs are asked to attend the workshop

Venue : Electronics Lab

Date : 10.03.21

Time: 9.30 AM to 12.30 PM

Co-Ordinator

HOD

Principal



**SRI SHAKTHI**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY



**COIMBATORE-641 062**

## **INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI-2022) 25 to 27<sup>th</sup> January 2022**

The ICCCI 2022 is the 12<sup>th</sup> edition, conducted every year in the month of January by Sri Shakthi Institute of Engineering and Technology and the forum of great novelty with the views of initiatives. More than 600 research papers were received and this year 280 papers has been registered for presentation and the research articles are received from Bahrain, Bangladesh, China, Egypt, Ghana, Iraq, Ireland, Japan, Mauritania, Morocco, Oman, Pakistan, Rwanda, Saudi Arabia, Sri Lanka, Thailand and also from various reputed Institutions in India like IITs, NITs, BITS and PSG TECH in India

Research papers are received in the recent technologies like Machine learning, Artificial Intelligence, Embedded systems, IoT, robotics, Industrial Automation, Bitcoin, Blockchain, Crypto currency, Ethical hacking, and Network Security. Around 260 papers were published in the IEEE Digital library

**25-27**  
JANUARY 2022

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**Dr.D.Devaraj**  
Secretary, IEEE Madras Section

**Dr.Touhid Bhuiyan**  
Professor & Head  
Department of Computer Science and Engineering  
Daffodil International University  
Bangladesh

**Dr.A.Kalaifarasi**  
Conference Chair

**Dr.S.Prakash**  
Dean Academics, SIET

**Dr.A.R Ravikumar**  
Principal, SIET

**Vote of Thanks**  
**Dr.S.Poornachandra**  
Director, SIET

**Dr.S.Thangavelu**  
Chairman

**Er.Dheepan Thangavelu**  
Secretary

**Mr.Sheelan Thangavelu**  
Joint Secretary

**2022 International Conference Of Computer Communication And Informatics**

**DATE: 25/01/2022**  
**TIME : 9:00 AM - 10:00 AM**

**12<sup>th</sup> iCCCI 2022**

**Zoom Meeting ID : 396 039 5258** **PASSCODE : 123**

**www.iccci.in**







**SRI SHAKTHI**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY



**COIMBATORE-641 062**

**Career Opportunities @ UK–Seminar Report**

The Department of Electronics and Communication Engineering of Sri Shakthi Institute of Engineering and Technology has organized a Seminar on **Carrier Opportunities at UK** for the II year and III year ECE students and staffs. On 02.11.22. at 3.00pm The session was handled by **Mr. M. Vinu, Founder, Vinshika Global study, Coimbatore.**

He explained about the education and job opportunities available in UK. How a student can avail scholarship from India through right to education act, and also he highlighted that more than 50 reputed universities at UK who provides scholar ship for the students. Moreover he explained about the part time job opportunities that a student can avail during his course of study. And how a student can get the job opportunities at UK core based and software companies. The session was very interactive and very useful to the students.









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Chinniyampalayam, Coimbatore- 62



**Department of Electronics and Communication Engineering**

**SEMINAR ON**

# **CAREER OPPORTUNITIES @ UK**

## **RESOURCE PERSON**

**Mr.M. VINU**

Founder  
Vinshika Global Study  
Coimbatore

## **Co-ordinators**

**Mr. A Senthilkumar AP(S) / ECE**  
**Mrs. R Sudha AP(S) / ECE**

## **Head of Department**

**Dr.S.Bhavani**  
Professor  
Department of ECE

**DATE : 02.11.2022**

**TIME : 3.00 pm to 4.30 pm**

**Venue : Seminar Hall - I**

**[www.siet.ac.in](http://www.siet.ac.in)**



**SRI SHAKTHI**  
**INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**COIMBATORE-641 062**



**INTRODUCTION TO ELECTRONICS AND PCB DESIGN**

The Department of Electronics and Communication Engineering of Sri Shakthi Institute of Engineering and Technology has organized a seminar on “**INTRODUCTION TO ELECTRONICS AND PCB DESIGN**” for the Second year ECE students and staffs on 27.10.22. The session was handled by Mr. Satish M, Design Engineer, Novitech, and Coimbatore. He explained about the various types of electronic components, their range, size, structure available in market. Also he gave a detailed introduction in PCB design, and a detailed knowledge on various types of software’s used for PCB designing in industries. He enlightened the types of PCB and the Number of PCB layers used in smartphones and computer motherboard. He explained the job opportunities available in PCB design and the package availed by a PCB design engineer. The session was very useful and interactive for our students, and staffs.









# **SRI SHAKTHI**

**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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**Chinniyampalayam, Coimbatore- 62**



**Department of Electronics and Communication Engineering**

**SEMINAR ON**

## **INTRODUCTION TO ELECTRONICS & PCB DESIGN**

**RESOURCE PERSON**

**Mr. M. SATISH**

**Design Engineer**

**NOVI TECH Pvt.Ltd, Coimbatore**

**Co-ordinator**

**Mr. T. Sivaprakasam AP(S) / ECE**

**Head of Department**

**Dr.S.Bhavani**

**Professor**

**Department of ECE**

**DATE:** 27.10.2022

**TIME:** 9.30 AM to 12.30 PM

**VENUE :** LH 33

**[www.siet.ac.in](http://www.siet.ac.in)**



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**COIMBATORE-641 062**

### **MOBILE APP DEVELOPMENT**

The Department of Information Technology, SIET, organized a Guest Lecture on Mobile Application Development, on 30th August 2022, in SIET Auditorium. The purpose of this Guest Lecture was to familiarize students with the upcoming area of Mobile App development and its applications. The Guest Speaker was Mr. Varun A R. He has more than 12 years of experience in the IT field. The students (2 year IT and 3 year IT) and faculty members assembled by 10.00 am at the Auditorium. The Guest Speaker and Dr. S. Prakash (HoD IT) were welcomed on to the dais. The event started with a welcome speech by Joint Secretary. He then spoke about the importance of Cloud Computing in the IT field. He elaborated on the different models of Cloud. He also gave a demo to the students about how mobile devices—and the mobile applications that unlock their value—are the most popular way for people and businesses to connect to the internet.



Mr. Varun explained the scope of jobs if the students strong in Mobile App development





# SRI SHAKTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Information technology cordially  
invites you for the technical Guest Lecture on

## Mobile App Development

**Mr. Varun A.R**  
Robert Bosch, Coimbatore

Date : 30.08.2022

Time : 09:00 AM to 04.00 PM



**Location : Siet Auditorium**

**Dr.S.Thanganavelu**  
**CHAIRMAN**

**Mr.Dheepan Thangavelu**  
**SECRETARY**

**Mr.Sheelan Thangavelu**  
**JOINT SECRETARY**

**ORGANISED**  
**BY**

**Dr.PRAKASH.S**  
**HOD IT**

**Dr.A.R.Ravikumar**  
**PRINCIPAL**

**COORDINATER**  
**BY**

**Mr.Varun Kumar.B**  
**Asst.Professor/IT**





# SRI SHAKTHI

## INSTITUTE OF ENGINEERING AND TECHNOLOGY



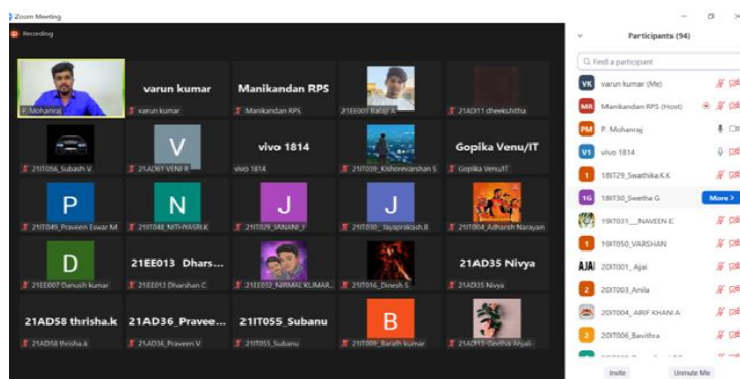
COIMBATORE-641 062

### Artificial Intelligence and their Development in Modern Technologies

The Department of Information Technology, SIET, organized a Guest Lecture on Artificial Intelligence and their Development, on 17th August 2022, in SIET Auditorium. The purpose of this Technical was to familiarize students with the upcoming area of Mobile App development and its applications. The Guest Speaker was Mr. Vasantha Kumar Sithuraj. He has more than 10 years of experience in the IT field. The students (2 year IT and 3 year IT) and faculty members assembled by 10.00 am at the Auditorium. The Quest Speaker and Dr. S. Prakash (HoD IT) were welcomed on to the dais. The event started with a welcome speech by Joint Secretary. He then spoke about the It is the science and engineering of making intelligent machines, especially intelligent computer programs. It is related to the similar task of using computers to understand human intelligence



Mr.Vasantha Kumar Sithuraj explained the scope of jobs if the students strong in Artificial Intelligence and their Development





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INSTITUTE OF ENGINEERING AND TECHNOLOGY



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Department of Information technology cordially  
invites you for the technical Webinar on

**Artificial intelligence and their development on  
modern technologies**

**Mr. Vasanthkumar Sithuraj**  
**Nee SME salem**

Date : 17.08.2022

Time : 09:00 AM to 04.00 PM



**Location : Siet Auditorium**

**Dr.S.Thanganavelu**  
**CHAIRMAN**

**Mr.Dheepan Thangavelu**  
**SECRETARY**

**Mr.Sheelan Thangavelu**  
**JOINT SECRETARY**

**ORGANISED**  
**BY**

**Dr.A.R.Ravikumar**  
**PRINCIPAL**

**COORDINATER**  
**BY**

**Dr.PRAKASH.S**  
**HOD IT**

**Mr.Varun Kumar.B**  
**Asst.Professor/IT**



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**Project Expo**

The department of CSE association with IEEE chapter organizes Blitz is an annual project expo conducted for students On 16-May 2022. Industry delegates from various technology sectors invited for making the event a bit more exciting. Every single person has been giving their best and the visitors have been deeply impressed with our student's project work. Mr. Siva kumar Subramani – VVDN, Mr. Perumal – VVDN, Mr. Mujeeb – Soft crylic Had addressed the gathering about the importance of Product development.







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**COIMBATORE-641 062**

### **ANSIBLE AN IT AUTOMATION TOOL**

The Department of Information Technology, SIET, organized a Workshop on Cloud Computing, on 25th January 2022, in SIET Auditorium. The purpose of this Workshop was to familiarize students with the upcoming area of Cloud Computing and its applications. The Guest Speaker was Mr. Prasanna. He has more than 15 years of experience in the IT field. The students (2 year IT) and faculty members assembled by 10.00 am at the Auditorium. The Guest Speaker and Dr. S. Prakash (HoD IT) were welcomed on to the dais. The event started with a welcome speech by Joint Secretary. He then spoke about the importance of Cloud Computing in the IT field. He elaborated on the different models of Cloud. He also gave a demo to the students about how a Cloud can be setup using the Microsoft Azure Platform. The students actively participated in the event by interacting with Speaker and asking interesting questions on Cloud Computing





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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Information technology cordially  
invites you for the technical Seminar on

## Ansible an IT Automation Tool

**Mr. Prasana**  
Calydon Technology , Chennai

Date : 25.01.2022

Time : 09:00 AM to 04.00 PM



**Location : Siet Auditorium**

**Dr.S.Thanganavelu**

**CHAIRMAN**

**Mr.Dheepan Thangavelu**

**SECRETARY**

**Mr.Sheelan Thangavelu**

**JOINT SECRETARY**

**ORGANISED**

**BY**

**Dr.PRAKASH.S**

**HOD IT**

**Dr.A.R.Ravikumar**

**PRINCIPAL**

**COORDINATER**

**BY**

**Mr.Varun Kumar.B**

**Asst.Professor/IT**



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INSTITUTE OF ENGINEERING AND TECHNOLOGY



**COIMBATORE-641 062**

**INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS  
(ICCCI-2022) 25 to 27<sup>th</sup> January 2022**

The ICCCI 2022 is the 12<sup>th</sup> edition, conducted every year in the month of January by Sri Shakthi Institute of Engineering and Technology and the forum of great novelty with the views of initiatives. More than 600 research papers were received and this year 280 papers has been registered for presentation and the research articles are received from Bahrain, Bangladesh, China, Egypt, Ghana, Iraq, Ireland, Japan, Mauritania, Morocco, Oman, Pakistan, Rwanda, Saudi Arabia, Sri Lanka, Thailand and also from various reputed Institutions in India like IITs, NITs, BITS and PSG TECH in India

Research papers are received in the recent technologies like Machine learning, Artificial Intelligence, Embedded systems, IoT, robotics, Industrial Automation, Bitcoin, Blockchain, Crypto currency, Ethical hacking, and Network Security. Around 260 papers were published in the IEEE Digital library

**25-27**  
JANUARY 2022

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**Welcome Address**  
**Dr.A.Kalaiarasi**  
Conference Chair

**About the Conference**  
**Dr.S.Prakash**  
Dean Academics, SIET

**Presidential Address**  
**Dr.A.R Ravikumar**  
Principal, SIET

**Vote of Thanks**  
**Dr.S.Poornachandra**  
Director, SIET

**Dr.N.Kumarappan**  
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**Dr.D.Devaraj**  
Secretary, IEEE Madras Section

**Dr.Touhid Bhuiyan**  
Professor & Head  
Department of Computer Science and Engineering  
Daffodil International University  
Bangladesh

**2022 International Conference Of Computer Communication And Informatics**

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**Er.Dheepan Thangavelu**  
Secretary  
**Mr.Sheelan Thangavelu**  
Joint Secretary

**DATE: 25/01/2022**  
**TIME : 9:00 AM - 10:00 AM**

**12<sup>th</sup> iCCCI 2022**

**ZOOM MEETING ID : 396 039 5258 PASSCODE : 123**

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