

# COIMBATORE INSTITUTE OF TECHNOLOGY



ACM STUDENT CHAPTER OF CIT  
ORGANIZES



## APP DEVELOPMENT CONTEST

DESIGN AN INNOVATIVE APP  
WITH HIGH SOCIAL IMPACT

MAY 26  
2022

3:00 PM - 4:30 PM

APP may be for

- Web
- PC
- Mobile handheld device
- Console
- Any software platform broadly available to public

**CERTIFICATE AND CASH PRIZE WILL BE PROVIDED FOR FIRST 3 PLACES**

### ADVISORY COMMITTEE

DR.G.KOUSALYA,  
PROFESSOR AND HEAD,  
CSE, CIT  
DR.N.K.KARTHIKEYAN,  
PROFESSOR AND HEAD,  
IT, CIT

### STAFF COORDINATORS

DR.N.GEETHA,  
ASSISTANT PROFESSOR,  
IT, CIT  
MRS.S.SANGEETHA MARIAMMAL,  
ASSISTANT PROFESSOR,  
CSE, CIT  
DR.S.PRIYA,  
ASSISTANT PROFESSOR,  
CSE, CIT

### STUDENT COORDINATORS

VAIBAV BAJRA, CSE  
VYSHNAVI, IT  
FATEEN, IT  
GOPIKASRI, CSE  
RAGAVEE, IT  
ISHWARYA, CSE

Submit Team Name, Idea,  
Team member details through Form  
on or before **13-APRIL-2022**

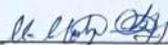
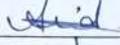
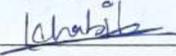
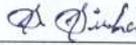
REGISTRATION LINK - <https://forms.gle/JvkJQohd1HasTV637>



SCAN TO REGISTER

DATE : 19/05/2022

Duration: 1.5 hrs

S.No	Roll No	Name	Dept	Signature
1.	2005010	Divakar A	CSE	
2.	2005001	M.K. Anil Suresh	CSE	m.k.Anil Suresh
3.	2005029	S. Loga sabinathan	CSE	
4	2105201	Ajay Kumar S.R	CSE	
5	2007033	MOHAMED SALEEM	IT	
6	2007006	ARVIND SRINIVAS	IT	
7	2007012	FATEEN	IT	
8	2007003	ACHARI MAGESH	IT	C. Magesh Achari
69	2007025	B. Keerthi	IT	R. Keerthi
10	2007027	S. Khabilan	IT	
11.	2007002	T. ABIRAM	IT	T. Abir
12	2007051	S. Tilak Chander	IT	T. Chan
13	2007035	S. Navendran	IT	S. Navendran
14	2007037	Nithin R	IT	R. Nithin
15	2007017	Harresh Ram P.S	IT	P.S. Harish
16.	2007040	Ragavee R	IT	R. Ragavee
17.	2005067	R. Dharshini	CSE	R. Dharshini
18.	2005091	A. Promothika	CSE	A. Promothika
19	2005096	S. Pooja	CSE	

Cult. N

[DR. N. GREETHA]

[ACM STUDENT CHAPTER - CIT]  
COORDINATOR - IT

## **SMART INDIA HACKATHON.**

Our college conducted the final review for the Smart India Hackathon on 17<sup>th</sup> March 2022. It is a Coding event that brings together programmers and other interested people to put forth their ideas on specific Problem statements. This event helped our students to come up with new and innovative initiatives, and look at problems faced by people in a different perspective. The main aim of the hackathon was to encourage and support the young programmers to develop and improve their ideas. The event was divided into three panels. The first panel was led by Mr. Prakash Marimuthu and Dr. Rajalakshmi mam. The second Panel was lead by Mr Sasi chakravarthi and Dr. Sangeetha mam. The third panel was led by Dr. Arul sir and Dr. Malarvizhi mam. The guest speakers of the event, started the event by addressing the students and sharing their views on events like Hackathon and projects. They encouraged the students to do their best. A team was organized to manage the whole event.





The event then began with Students and their teams putting forth the solutions for their problem statements. Our HOD was also present there all the time interacting with everyone and appreciating the students' hard work and creativity. The panel members also gave efficient suggestions on how to improve their ideas. Students were encouraged and got an insight on how the corporate world works. Mr. Prakash Marimuthu insisted on using new technologies and software, and he also told us about the hardships of each project in the real world. Rajalakshmi mam also insisted on using different algorithms to reduce time and space complexities and shared her personal opinions, to make the project better with the students. Mr.Sasi chakravarthi reflected his vast insights and knowledge on the topic and emphasized the importance of creativity and implementation of the students ideas. There were many interesting topics and implementations by the students of IT third year and second year. It provided the students with a platform to solve some of the pressing problems people face in daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. Overall the program went well for both the third years and second years. These types of fairs are a source to increase knowledge and interest in the field of technology. Our panel members then gave the students their valuable feedbacks. The event came to a close with the encouraging comments of our panel members. The students also vowed to keep developing new and innovative solutions.

The event then ended with the distribution of mementos to both the chief guests and concluded with a vote of thanks.



**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(GOVERNMENT AIDED AUTONOMOUS INSTITUTE AFFILIATED TO ANNA UNIVERSITY)



**DEPARTMENT OF INFORMATION TECHNOLOGY**

# ASSOCIATION OF INFORMATION TECHNOLOGY

**"LIFE SKILLS FOR BLISSFUL LIFE :  
SOCIAL CONNECTEDNESS AND  
INSPIRATION"**



Date  
02 Nov 2022



Time  
9.00 AM



Venue  
LBCH



**Dr. S. Rajaguru Ph.D.,**  
ICSSR Senior Fellow  
Alagappa University

## TRAINING PACKAGE

- MSME-TDC, GOI Certification
- Course material, Case Studies
- Hands on experience in Statistical Analysis
- Frequently asked Interview Questions
- Sample Question Papers
- Lifetime membership in LSS forums

## BENEFITS OF LSS CERTIFICATION

Reasons that make Lean Six Sigma certification delightfully useful are

- It helps you advance your career, and boosts your organization's bottom line through your mastery of quality skills.
- Becoming a Certified Six Sigma Yellow Belt confirms your commitment to quality and the positive impact it will have on your organization.

## LEAN SIX SIGMA YELLOW BELT BODY OF KNOWLEDGE

**DEFINE** Six Sigma Foundations and Principles, Lean Foundations and Principles, Quality Tools & Six Sigma Metrics, Project Identification, Project Management (PM) Basics

**MEASURE** Basic Statistics, Data Collection, Measurement System Analysis (MSA) - MSA Terms & Gage R&R

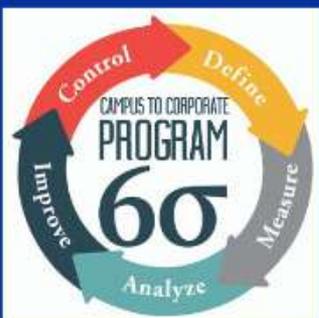
**ANALYZE** Process Analysis Tools, Root Cause Analysis, Data Analysis, Correlation and Regression, Hypothesis Testing

### IMPROVE & CONTROL

Improvement Techniques - Kaizen, PDCA, Cost Benefit Analysis, Control Tools and Documentation - X bar R Chart

**APPLICATIONS & EXAMPLES ON MACHINE LEARNING WILL BE DISCUSSED WITH MORE SIGNIFICANCE**

**DURATION: 12 hours**



**Special offer for Students @ 50% discount.**

**Regular Fees Rs. 2360; Discounted Fees Rs. 1180**

## An Instructor Led Online Training



# LEAN SIX SIGMA YELLOWBELT

**A Govt. of India Certification Program**



## FACILITATION CENTRE

**COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE**

**18, 19 & 20 April 2022**

## WHO IS A LEAN SIX SIGMA YELLOW BELT?

- The Six Sigma Yellow Belt certification is aimed at those new to the world of Six Sigma who have a small role, interest, or need to develop foundational knowledge.
- Yellow belts can be entry level, middle or executive champion, who require an overview of Six Sigma and DMAIC model.

## TRAINING PEDAGOGY



## FOR ENROLLMENT / ENQUIRY

**Dr. R. Maheshvari / Dr. N.Geetha (IT Dept)**  
Program Coordinator  
Coimbatore Institute of Technology (CIT)  
Civil Aerodrome Post  
Coimbatore, Tamilnadu, India - 641 014  
Mobile: 9585594322, 9486173961  
Email: rmaheswari@cit.edu.in,  
geetha.n@cit.edu.in

**Training Coordinator,**  
Campus to Corporate Program,  
MSME Technology Development Centre,  
65/1, GST Road, Guindy,  
Chennai - 600032, Tamilnadu  
Phone: 7010577654, 9677894281, 8825942908  
campustocorporateprogram@gmail.com



# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution Affiliated to ANNA University) Avinashi Road, Civil Aerodrome Post, Coimbatore - 641 014



DEPARTMENT OF INFORMATION TECHNOLOGY

ASSOCIATION OF INFORMATION TECHNOLOGY



&

INSTITUTION INNOVATION CELL

*presents*

# HOW TO PLAN FOR STARTUP AND LEGAL AND ETHICAL STEPS



**RAHUL DEVIDAS**

DIRECTOR, CIRCOR INTERNATIONAL

DATE: 09.05.2022

TIME: 3:30 PM - 5:00 PM

VENUE: LIBRARY CONFERENCE HALL

**COIMBATORE INSTITUTE OF TECHNOLOGY. COIMBATORE 641 014**

**Government Aided Autonomous Institution**

**II SEMESTER MSC SOFTWARE SYSTEMS DEC 20MSS28 2021-22**

**ENGLISH FOR EMPLOYABILITY MARKS**

<b>S.NO</b>	<b>REG.NO</b>	<b>NAMES</b>	<b>MARKS</b>
1	7176 21 31 001	ABINAYA S	86
2	7176 21 31 002	ABINAYAA SREE K S	86
3	7176 21 31 003	ABINAYASHRI VS	86
4	7176 21 31 004	AKASH A S	85
5	7176 21 31 005	AKKSHAT S P M	0
6	7176 21 31 006	ALLWIN TITUS J	87
7	7176 21 31 007	ANA DORTHY L	82
8	7176 21 31 008	AVINASH KUMAR S	84
9	7176 21 31 009	BALASURIYA P	89
10	7176 21 31 010	BOOPAL N	87
11	7176 21 31 011	BUBALAN S	88
12	7176 21 31 012	CHANDRU B	82
13	7176 21 31 013	DANUSRI E	90
14	7176 21 31 014	DESHIK S	85
15	7176 21 31 015	DHIYANESH RAGAVENDER A S	87
16	7176 21 31 016	DIFY SHEIKHA J	83
17	7176 21 31 017	DINESH R	79
18	7176 21 31 018	DIVYA V	85
19	7176 21 31 019	GHANASHYAM K R	79
20	7176 21 31 020	GOKUL KRISHNAN R	77
21	7176 21 31 021	HARIVARSHAN R	76
22	7176 21 31 022	HASIKA B	85
23	7176 21 31 023	JAYA VARMA S	82
24	7176 21 31 024	KARTHICK ROSHAN S	81
25	7176 21 31 025	KISHORE K	81
26	7176 21 31 026	LOKHESH R J	90
27	7176 21 31 027	MANOJ KUMAR V G	85
28	7176 21 31 028	MEGHASHRI A	94

29	7176 21 31 029	MONESH V	75
30	7176 21 31 030	MOUNIKHA K V	89
31	7176 21 31 031	NIRMAL KUMAR S S	71
32	7176 21 31 032	NIRUBHAMA RANI S S	75
33	7176 21 31 033	PRAGATHY V Y	82
34	7176 21 31 034	PRANAVARUL K	75
35	7176 21 31 035	PRASANNA S A	75
36	7176 21 31 036	PRATHIKSHA V S	86
37	7176 21 31 037	PREETHIKA T	84
38	7176 21 31 038	RAJA RAJAN A P	83
39	7176 21 31 039	RAMALAKSHMI S	93
40	7176 21 31 040	RITHYA L B	82
41	7176 21 31 041	SAI NIKHIL S	89
42	7176 21 31 042	SASHWATHAN S	77
43	7176 21 31 043	SATHYA PRIYA K	79
44	7176 21 31 044	SELVAKUMAR M	81
45	7176 21 31 045	SHAJITH ROOBAN G G	92
46	7176 21 31 046	SHAKTHIVEL K	94
47	7176 21 31 047	SHANTHOSH BABU R	76
48	7176 21 31 048	SIVABALAKRISHNAN V	80
49	7176 21 31 049	SREEMATHI P	80
50	7176 21 31 050	SREYA SREE V P	86
51	7176 21 31 051	SRI JAYA VAISHNAAVI K S	88
52	7176 21 31 052	SUHAINA S	89
53	7176 21 31 053	SUVETHA A R	90
54	7176 21 31 054	SUVETHA S P	82
55	7176 21 31 055	SWEHA S	83
56	7176 21 31 056	TARUN S R	81
57	7176 21 31 057	THABITHA P	85
58	7176 21 31 058	VARNASRI K	94
59	7176 21 31 059	VIJAYALAKSHMI V	85
60	7176 21 31 060	VIJAYAPRAVIN M S	73

## REPORT ON THE EVENT

Name of the Centre	The Institution of Engineers (India), Coimbatore Local Centre
Nature of the Event	One Day Technical Webinar
Under the aegis of which Divisional Board:	Statutory Day - <b>World Engineering Day for Sustainable Development</b>
Title	Advancements in Next Generation Networks
Date	04 <sup>th</sup> March 2022
Associate organization/s (if any):	Department of Electronics and Communication Engineering Coimbatore Institute of Technology, Coimbatore
No. of Participants	60
About the event	The objective of this webinar is to provide a common forum for students, researchers, and practitioners to get an insight into the Next Generation Networks as they deal with the important developments in telecommunication core and access networks to be deployed over the next decade. It also intends to investigate the advancements, requisites, and the suitable potential technologies with regard to the networks.

### **Event Summary**

The Institution of Engineers (India), Coimbatore Local Centre and the Department of Electronics and Communication Engineering Coimbatore Institute of Technology, Coimbatore jointly organised a One Day Technical Webinar on “**Advancements in Next Generation Networks**” on the occasion of “**World Engineering Day for Sustainable Development**” with the theme “**Build Back Wiser - Engineering the Future**” on 04<sup>th</sup> March 2022.

#### **Inauguration function:**

The session started with an Inauguration ceremony at 9.30 a.m. **Dr S Shanmugam**, Chairman, IE(I), Coimbatore Local Centre welcomed the chief guest and the participants for the webinar. **Dr A Rajeswari**, Principal In-charge & Professor and Head, Department of ECE, Coimbatore Institute of Technology presided the webinar. **Dr I S Akila**, Assistant Professor, Department of ECE, Coimbatore Institute of Technology detailed about the webinar. A brief note on the speakers of the technical session and the session topics were given. **Ms D Diana Josephine**, Assistant Professor, Department of ECE, Coimbatore Institute of Technology introduced the chief guests to the participants. The Chief Guest **Dr R Swaminathan**, Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology Indore talked on “**World Engineering Day for Sustainable Development**” with the theme “**Build Back Wiser - Engineering the Future**”.

Finally the technical webinar was concluded with a vote of thanks by **Dr J Krishnamoorthi**, Honorary Secretary, IE(I), Coimbatore Local Centre.

#### **Technical Sessions:**

The technical session started exactly at 10.00 a.m.

**Session I – Topic on “5G Communications : Specifications, Use Cases, and PHY Techniques” by  
Dr R Swaminathan  
Assistant Professor  
Department of Electrical Engineering, Indian Institute of Technology Indore**

In this session, a detailed lecture on overview of 5G, specification requirements for 5G, the key elements involved in 5G use cases, network requirements and solutions, relevant technologies, framework to conduct 5G testing and finally its applications.

The next session started at 11.30 a.m.

**Session II - Topic on “Role of MEMS and NEMS in Future Prospects of 5G/6G” by  
Dr Koushik Guha,  
Assistant Professor (Grade-I)  
Department of ECE, National Institute of Technology Silchar**

In this session, a detailed talk on a perspective of MEMS/NEMS technologies as pillars of future 6G was given as the future 6G and tactile internet (TI) paradigms pose challenges and demand for requirements are far beyond what the 5G—today at its dawn—will ever achieve. Classical approaches in designing devices, systems and infrastructures build the AI-driven (Artificial Intelligence) 6G network were discussed. The speaker emphasised on the critical part for MEMS/NEMS technologies in making 6G

turn into reality. Research works of his scholars were exhibited and encouraged the participants to work with him. The session ended by 1.00 p.m .

The next session started at 2.00 p.m.

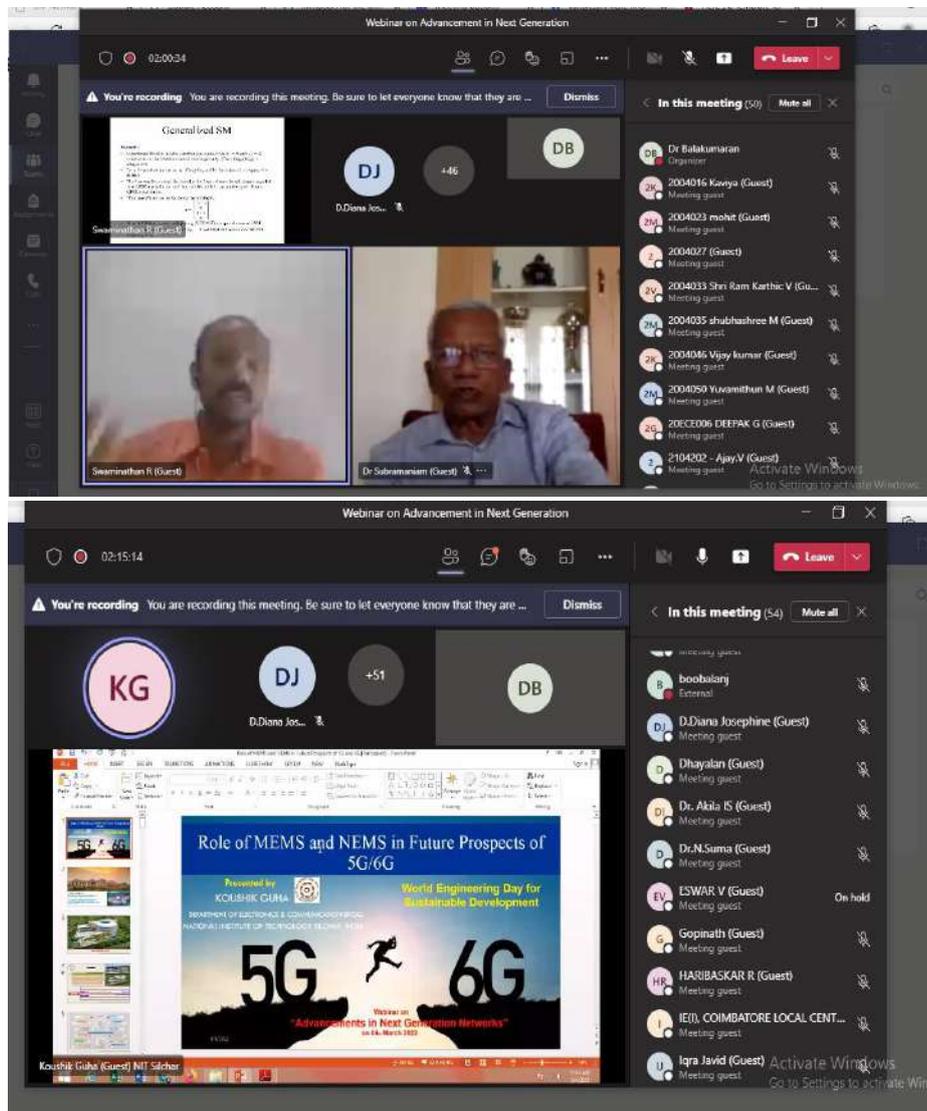
**Session III - Topic on “Artificial Intelligence based resource allocation in 5G Interference Network” by  
Dr Shahid Mehraj Shah  
Assistant Professor  
Department of ECE, National Institute of Technology Srinagar**

In this session, the speaker made an analysis of conventional interference mitigation techniques and their shortcomings, the strengths of AI based techniques, and open research challenges deduced from the recent research. Uplink power control based interference management in 5G with AI technologies is discussed. The participants found it interesting as the session was interactive throughout. Questions were put on the participants by the speaker, which helped the participants to think and concentrate on the talk.

**Valedictory function:**

The session ended with the valedictory function at around 4.00 pm. Dr I S Akila gave the vote of thanks thanking all the participants, speakers and the organizers involved in conducting the webinar. The participants were asked to share the feedback about the webinar.

**Photographs/s**



You're recording You are recording this meeting. Be sure to let everyone know that they are ... Dismiss

Participant avatars: DJ (D.Diana Jos...), KG (Koushik Guha), KR (Khan mubashir...), +44, DB

### Scope for Future Students

Research Areas FOR

- RF MEMS – Switches, Filters, Resonators, Phase Shifters etc.
- MEMS Microfluidics – Micro pump, Drug Delivery, Kidney on chip etc.
- Bio-MEMS: Sensors & Actuators, Detection of Diseases, Lungs on Chip etc.
- MEMS Energy Harvesting – Piezoelectric, Electromagnetic, Hybrid, Solar etc.
- ViVi – Analog Circuits, Digital Circuits, Optimization, System on Chip, Layout etc.

In this meeting (49) Mute all

- 206CE006 DEEPAK G (Guest) Meeting guest
- 2104202 - AjayV (Guest) Meeting guest
- 2104206 S.DHAMODHARAN (G... Meeting guest
- 2104212 (Guest) Meeting guest
- 71762104201 (Guest) Meeting guest
- 71762104210 (Guest) Meeting guest
- ALAGAR THARUN (Guest) Meeting guest
- Ameer Harris (Guest) Meeting guest On hold
- Anvi Verma (Guest) Meeting guest

Koushik Guha (Guest) NIT Silchar

Speakers (Realtek(R) Audio) Activate Windows  
Go to Settings to activate Windows

Provide CART Captions

## Cyber Security Talk

### Resource Person Details

Dr. Maharaj,

Jose Technologies,

UAE

The session was aimed to promote knowledge about cybersecurity to the students. It was an informative and interactive session for the students.



The poster features a dark blue background with a subtle grid pattern. At the top left is the Coimbatore Institute of Technology logo, a circular emblem with a yellow center and red border. To its right, the text 'COIMBATORE INSTITUTE OF TECHNOLOGY' is written in large, bold, white capital letters, with '(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)' in smaller white text below it. Underneath, 'Department of Computing' is written in white. The main title 'Cybersecurity - Domain walkthrough' is in large, bold, white font, with 'Cybersecurity' and 'walkthrough' on separate lines. Below the title, 'Resource Person' is written in pink. A central portrait of Mr. Maharaj M is framed by a glowing, multi-colored circular border. Below the portrait, his name 'Mr. Maharaj M' is in white, followed by 'Director of Programs' and 'JOSH TECHNOLOGIES FZE, UAE' in smaller white text. At the bottom, a clock icon is followed by '3:00 PM', a calendar icon followed by '18/04/2022', and 'Venue: CIT Auditorium'.

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

Department of Computing

We warmly welcome you to a session on  
**Cybersecurity - Domain  
walkthrough**

Resource Person

**Mr. Maharaj M**  
Director of Programs  
JOSH TECHNOLOGIES FZE, UAE

🕒 3:00 PM 📅 18/04/2022 Venue: CIT Auditorium



**Areas to concentrate on for the best internship opportunities and specific lifestyle modification to follow in order to achieve.**

Resource Person Details:

Ms. Laxman Prabha,

Software Engineer,

Oracle

Ms. Laxman Prabha's session was focused towards areas to concentrate on for the best internship opportunities and specific lifestyle modification to follow in order to achieve. It was a most essential and interactive session for the students.

