

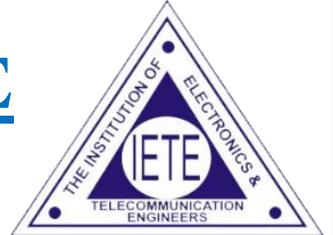
# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution Affiliated to Anna University,  
Chennai-60025)



**DEPARTMENT OF ECE**

with



**CIT-IETE STUDENTS FORUM**  
**(CIT-ISF)**

**Academic year: 2020-2021**

Report of IETE Students Forum's Activity

**Webinar series on**

**IoT: Paradigms and Solutions for Next  
Generation Smart Ecosystems**

## Webinar-1

### Digital future for the new normal

**Date: 12.08.2020**

**Time:10.00am -11.00am**

**Resource person:**

**Mr. Amit Chatterjee**  
**Intel Corporation**  
**Bengaluru, Karnataka**



**Participants:** Students, Research scholars, Faculty members and Industrialists from all over India

**Total number of Participants:** 57

**Type of Interaction :** online mode of Interaction

**Online platform:** Google meet

WhatsApp Group Link:

<b>Group 1</b>	<a href="https://chat.whatsapp.com/IPUG7A3ookh6AdcoImyIOI">https://chat.whatsapp.com/IPUG7A3ookh6AdcoImyIOI</a>
<b>Group 2</b>	<a href="https://chat.whatsapp.com/Fvj3yYNpkZGICcnViqai6g">https://chat.whatsapp.com/Fvj3yYNpkZGICcnViqai6g</a>

**Registration Link :** <https://forms.gle/Dva5PGq7sXgwodnw7>

Webinar link: [meet.google.com/mku-vbtb-zyn](https://meet.google.com/mku-vbtb-zyn)

Registration Form:

Registration Form for the Webinar series  
on "IoT: Paradigms and Solutions for  
Next Generation Smart Ecosystems"-  
DIGITAL FUTURE FOR THE NEW  
NORMAL"- Department of ECE with IETE  
Student Forum , Coimbatore Institute of  
Technology on 12-08-2020 during  
10:00AM - 11:00AM

This is a Registration form for the online webinar series - organized by ECE dept in  
association with IETE students Forum & IoT CENTRE ECE CIT

\* Required

**DIGITAL FUTURE FOR THE NEW NORMAL**

RESOURCE PERSON:

Mr. Amit Chatterjee  
Intel Corporation  
Bengaluru, Karnataka  
12-08-2020  
10 am - 12 pm

Date : 12-08-2020 Time :10:00AM - 11:00AM

Mode:Google meet

**IoT CENTRE ECE CIT**

Website: [www.citacelot.in](http://www.citacelot.in)

Youtube link: <https://www.youtube.com/channel/UCcl-BU29wq-DXtR2eYB60s1Q>

**PARTICIPANT SALUTATION \***

- Dr.
- Prof.
- Mr.
- Mrs.

**PARTICIPANT NAME (BLOCK LETTERS- AS NEEDED IN CERTIFICATE ) \***

Your answer

**Profession \***

- Teaching
- Student
- Industrialist

**Qualification \***

Your answer

**Designation ( student- can write their year) \***

Your answer

**Email Address \***

Your answer

**Mobile Number( Whatsapp) \***

Your answer

**Name of the Department \***

Your answer

Name of the Institute/ organisation \*

Your answer

Affiliating University \*

Your answer

Join here for Whatsapp group

Link1 : <https://chat.whatsapp.com/Ey12y0Bpk2GGiCQz0oal5p> Link  
2:<https://chat.whatsapp.com/0PUG7A3oek68Adcolmy0I>

Address of the Institute/ organisation \*

Your answer

State you belong to \*

Your answer

WEBINAR is on 12th Aug 2020 @ 10.00 AM to 11.00 AM . Willing to Attend? \*

- Yes
- No

Declaration \*

I hereby declare that the information given in this application is true and correct to the best of my knowledge and belief

Submit

# Participants List:

DIGITAL FUTURE FOR THE NEW NORMAL (Responses) ☆ ☆ ☆

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T	Timestamp	PARTY	PARTICIPANT NAME	Profession	Qualification	Designation (student-cs)	Email Address	Mobile Number	Name of the Department	Name of the Institute/ org/ Affiliating University	Address of the Institute/ o	State you belong to	WEBINAR is on Declaration	
94	8/7/2020 8:54 Mr.	R VINOTH KUMAR	Teaching	M.E/VLSBI DESIGN	ASSISTANT PROFESSOR	vinok@gmail.com	9952108031	ELECTRONICS AND CO	BREE BASTHA COLLEGE ANNA UNIVERSITY	CHEMBARAMBAKKAM 1 TAMILNADU	Yes	I hereby declare that the information given in this		
95	8/7/2020 10:6 Mr.	T.PANDIARAJAN	Teaching	M.E	Assistant professor	medhus41@gmail.com	8344477762	Computer science engine	P.T.R college of engineer	Tamir Nadu	Yes	I hereby declare that the information given in this		
96	8/7/2020 12:11 Mr.	A.AJAYBURJA	Student	Diploma	3 (2020-21) batch	ajayanandav1234@gmail.com	8940481682	Electrical and Electronics	Thiagarajar Polytechnic C Bone	Buamangalam Salem Jnr	Tamir Nadu	Yes	I hereby declare that the information given in this	
97	8/7/2020 18:0 Mr.	KUMAR GAURAV S/BJ	Teaching	M.TECH	ASSISTANT PROFESSOR	gauravsuman154@gmail.com	9990203070	Department of Electronics	Indira Gandhi Institute of	BIJU PATNAIK UNIVERS BARANG, DHENKAL, BIHAR	Yes	I hereby declare that the information given in this		
98	8/7/2020 23:3 Mr.	DHEIADHARSHIN P	Student	12th standard	B.E 2nd year	dheivassanessan@gmail.com	9344225120	ECE	Dr. Mahalingam college o	Anna University Polachi	Tamilnadu	Yes	I hereby declare that the information given in this	
99	8/8/2020 8:27 Ms.	CH JANAKI JAGADEE	Teaching	Btech	Assistant professor	jenakichivikulak@gmail.com	+918466924519	Ece	Kakmadra Institute of Ted Jntuk	Divilil Andhra Pradesh	Yes	I hereby declare that the information given in this		
100	8/8/2020 9:30 Ms.	Belvatheshini	Student	College	2 nd year	belvatheshini@gmail.com	9361447690	Ece	Dr.mahalingam college of Anna university	Mannikampatti polachi	Tamilnadu	Yes	I hereby declare that the information given in this	
101	8/8/2020 9:34 Mr.	C.VINOD	Teaching	M.E	LECTURER	vinopin1596@gmail.com	7401069864	MECHANICAL ENGINEE	100 GOVERNMENT POL, DOTE	AYANAVARAM	Tamil Nadu	Yes	I hereby declare that the information given in this	
102	8/8/2020 11:48 Mr.	SUBHASHISH DWIVE	Teaching	MCA	Student 2 year	Princedivesudheshan	7699766026	Computer Science	I.E.T., Dr. Bhim Rao Amol	Dr. Bhim Rao Amoteskar	Khandari, Agra, Uttar Pr	Uttar Pradesh	Yes	I hereby declare that the information given in this
103	8/8/2020 12:3 Ms.	RAMYA S RAJAN	Teaching	B.E/M.Tech	Assistant Professor	ramyasundaram@gmail.com	9742024094	Electrical and Electronics	Dayanandha Sagar Acad	Viveksaraya Technolog	Opposite At of Living, Uk	Karnataka	Yes	I hereby declare that the information given in this
104	8/8/2020 12:6 Ms.	P.R.GUA	Student	BE	IV	rojapleshiniyescen1120@gmail.com	7693088762	ECE	Dr. Mahalingam college o	Yes	NPT - IJCEIT Campus, U	Tamilnadu	Yes	I hereby declare that the information given in this
105	8/8/2020 12:9 Ms.	D.Amutha	Teaching	Pg	AP	reachmanjula@gmail.com	9600170380	MBA	Loyola Institute of technol	Anna University Kanyakumari	Tamil Nadu	Yes	I hereby declare that the information given in this	
106	8/8/2020 17:0 Ms.	S.BODIPATHY	Teaching	M.E	Assistant Professor I	bodipathy.s.bodipath.ac.in	9997021040	ECE	Kumaraguru College of T	Anna University Coimbatore	Tamilnadu	Yes	I hereby declare that the information given in this	
107	8/8/2020 19:2 Mr.	HARIHARAN S	Teaching	Masters in compute	Assistant professor	hariharan.s@dit.edu.in	9934075166	Cse	Coimbatore Institute of T	Anna university Aulneshi Road, civil aeroc	Tamil Nadu	Yes	I hereby declare that the information given in this	
108	8/8/2020 19:3 Ms.	VICHYABRI S	Student	B.E	3rd year	vichyabris2012@gmail.com	7639338496	ECE	Dr. Mahalingam College o	Anna University Ujumalai road, polachi 6	Tamil Nadu	Yes	I hereby declare that the information given in this	
109	8/8/2020 21:2 Mr.	P.SEBASTIAN VINODI	Teaching	M.E	ASSISTANT PROFESSOR	jude.palmyram@gmail.com	9624876666	EEE	Sri Ramakrishna Enginee	Annauniversity Coimbatore	Tamilnadu	Yes	I hereby declare that the information given in this	
110	8/8/2020 22:6 Prof.	MANJU BHARADUJ	Teaching	B.E,M.TECH,DBM	PHD Research Scholar	modakote25@gmail.com	9049994026	ELECTRICAL ENGINEE	GOVERNMENT COLLEGE GONDIVANA UNIVERSIT	BABUPETH, CHANDRAN MAHARASHTRA	Yes	I hereby declare that the information given in this		
111	8/10/2020 8:2 Mr.	PUNIT KUMAR CHAU	Teaching	M.Tech CSE	Assistant Professor	pkcma@gmail.com	9120080809	CSE	KIPRII College of Enginee	Dr. A. P. J. Abdul Kalam T	GIDA Goreknpur	Uttar Pradesh	Yes	I hereby declare that the information given in this
112	8/10/2020 8:6 Prof.	Manju Gupte	Teaching	PHD	Associate Professor	manjugupta@oriental.ac	0826436818	Manju Gupte	Oriental Institute of Scien	RGPV Bhopal	Oriental Institute of Scien	India	Yes	I hereby declare that the information given in this
113	8/10/2020 12: Dr.	STANLY FELIX C	Teaching	MSc PHD	Assistant Professor	stanlyfelix2048@gmail.com	7846738836	MSC SOFTWARE SYST	COIMBATORE INSTITUT ANNA UNIVERSITY	Coimbatore	Coimbatore 1, Tamilnadu	Yes	I hereby declare that the information given in this	
114	8/10/2020 14:1 Ms.	T SHUNBAGA PRADE	Teaching	M.E	ASSISTANT PROFESSOR	pradeepa@dit.edu.in	9150966776	ECE	COIMBATORE INSTITUT ANNA UNIVERSITY	CIVIL AERODROME VIA TAMIL NADU	Yes	I hereby declare that the information given in this		
115	8/10/2020 14: Ms.	R.M.BURUTHI	Teaching	M.Tech (IT)	Assistant professor	suruthimohan@gmail.com	7373779191	Computer Science and E	Coimbatore Institute of T	Anna University Coimbatore Institute of T	Tamilnadu	Yes	I hereby declare that the information given in this	
116	8/10/2020 19: Mr.	Rahul Kumar J	Teaching	M.Engg	Assistant Professor	rahulkumar@ingpvt.ac.in	6300800391	EEE	DIN'S PIT	Anna University	DIN'S PIT	Tamilnadu	Yes	I hereby declare that the information given in this
117	8/10/2020 19:1 Ms.	MONISHA DEVIL S	Student	B.E	3rd year	monishadevi1308@gmail.com	6361353386	Electronics and Commun	Coimbatore Institute of T	Anna University Civil Aerodrome, Coimbat	Tamil Nadu	Yes	I hereby declare that the information given in this	
118	8/10/2020 20: Ms.	KALANIVANI	Teaching	ME	Assistant professor	kalanivani@dit.edu.in	9448739069	ECE	Coimbatore Institute of T	Anna university Coimbatore Institute of T	Tamilnadu	Yes	I hereby declare that the information given in this	
119	8/10/2020 20: Ms.	B.DHANALAKSHMI	Teaching	M.E	ASSISTANT PROFESSOR	dhanelakshmi.s@dit.edu	9952540209	ELECTRONICS AND CO	COIMBATORE INSTITUT ANNA UNIVERSITY	COIMBATORE INSTITUT TAMILNADU	Yes	I hereby declare that the information given in this		
120	8/10/2020 21: Ms.	N. AKSHAY	Student	B.E	2018 - 2023	akshayshay40@gmail.com	7849314300	ECE	SNB COLLEGE OF ENIG AUTONOMOUS	Kurumbalalayam, Coimbat	TAMILNADU	Yes	I hereby declare that the information given in this	
121	8/10/2020 14: Ms.	B.KASHI	Student	BE	2019-2023	akash2023anand@gmail.com	638361977	ECE	SNB COLLEGE OF ENIG AUTONOMOUS	KURUMBALALAYAM, Co	Tamil Nadu	Yes	I hereby declare that the information given in this	
122	8/10/2020 14: Ms.	LOGANARAJ T	Teaching	M.E	Assistant Professor	loganarajtanand@gmail.com	9988937719	Electronics and commun	Coimbatore Institute of T	Anna University 2368 Teachers colony	Tamil Nadu	Yes	I hereby declare that the information given in this	
123	8/10/2020 15: Ms.	KRISHNA CHANDRI	Teaching	M.Tech	ASSISTANT PROFESSOR	krishna.chandri@gmail.com	+9193746697	ELECTRICAL ENGINEE	DR.BRIS AUTONOMOUS BRUT, COOBAH	KURUMBALAYAM, Coimbat	TAMILNADU	Yes	I hereby declare that the information given in this	
124	8/10/2020 15: Ms.	GOVINDA PRINVA	Teaching	M.E	Assistant Professor	govindaprinva@dit.edu.in	9934864565	Electronics and commun	Coimbatore Institute of T	Anna University Civil Aerodrome post, Coi	Tamilnadu	Yes	I hereby declare that the information given in this	
125	8/10/2020 20: Ms.	CHANDAN KUMAR B	Teaching	M.Tech in Power E	Director	chandankumarb@gmail.com	9868871326	Electrical Engineering	Coimbatore Institute of T	Anna University Bapat Engineering	BRUT, Coimbatore	Coimbatore	Yes	I hereby declare that the information given in this
126	8/10/2020 20: Ms.	PABITRA KUMAR NA	Teaching	M.Tech	Assistant Professor	kumehy@anna.com	8437187451	Electrical Engineering	Synergy Institute of Engi	Biju Patnaik University of	NH 85 bypass, Kantatali, Coimbatore	Coimbatore	Yes	I hereby declare that the information given in this
127	8/10/2020 20: Prof.	RAJAKANTHA MAHAN	Teaching	M.Tech	Asst. Professor	rajakantha732@gmail.com	8249741121	Electrical Engineering	Synergy Institute of Engi	BRUT, Coimbatore	Kantatali by pass, Dhenn	Coimbatore	Yes	I hereby declare that the information given in this
128	8/10/2020 21: Ms.	ANANTA KUMAR BAN	Teaching	M.TECH	Assistant professor	anantasm@gmail.com	9436801117	Electrical Engineering	Synergy Institute of Engi	BRUT	Dhennakal	Coimbatore	Yes	I hereby declare that the information given in this
129	8/10/2020 21: Ms.	SAURAVI PANDA	Teaching	M.B	Assistant professor	sauravipanda@gmail.com	7020611123	Electrical engineering	Springhouse Pvt.Ltd., BRUT	Bapat Engineering	Bapat Engineering	Coimbatore	Yes	I hereby declare that the information given in this
130	8/10/2020 21: Ms.	K.M. PRIYA	Teaching	ME	Assistant professor	kpriya@dit.edu.in	0820097396	PIVA PARTNERSHIP	Coimbatore Institute of T	Anna University Civil Aerodrome post,	Coimbatore	Tamilnadu	Yes	I hereby declare that the information given in this
131	8/10/2020 0:2 Ms.	SUBHANTA KUMAR S	Teaching	M.Tech	Assistant Professor	subhanta1978@gmail.com	9438601261	Electronics and Commun	DR.BRIS AUTONOMOUS BIJU PATNAIK UNIVERSITY	Coimbatore Institute of T	Tamilnadu	Yes	I hereby declare that the information given in this	
132	8/10/2020 8:3 Mr.	TUSHAR BHARWA	Teaching	Pursuing Btech	2 year	tushar14@gmail.com	9688749333	EEE	BRM University, Delhi ND	Coimbatore, COB	Hayana, Rai	Quatar	Yes	I hereby declare that the information given in this
133	8/10/2020 8:3 Dr.	B.BHUVANESHVAR	Teaching	PHD	Assistant Professor	bhuvaneshvar1@gmail.com	8870400323	Electronics and Commun	Coimbatore Institute of T	Anna University Civil Aerodrome post, Coi	Tamilnadu	Yes	I hereby declare that the information given in this	
134	8/10/2020 10: Ms.	SHYAM D	Student	Second Year		shyam.d.ac0808@gmail.com	9487421268	BE, ECE	Dr. Mahalingam college o	Anna University NPT - IJCEIT Campus, U	Tamilnadu	Yes	I hereby declare that the information given in this	
135	8/10/2020 08: Ms.	VIMALRAJ T	Student	BE	III-YEAR	vimalrajtee19@oatsify.a	6382410479	EEE	BANNARI AMMAN INSTI ANNA UNIVERSITY	BANNARI AMMAN INSTI TAMIL NADU	Yes	I hereby declare that		
136	8/8/2020 18:6 Mr.	NAVINRAHUL K.B	Student	B.E	3rd year	navinraahuljee19@gmail.com	9799748666	ELECTRICAL AND ELEC	BANNARI AMMAN INSTI ANNA UNIVERSITY	BATHYAMANGALAM TAMIL NADU	Yes	I hereby declare that		
137	8/8/2020 17:3 Ms.	Pandikrishna S	Student	B.E	3	Pandikrishnasaidand@gmail.com	9894268261	Cse	Nadar sareeswathi college	Anna university	Tamil Nadu	Yes	I hereby declare that	
138	8/8/2020 18:2 Ms.	RIDHI KUMARI SHRIN	Teaching	Pursuing B.Tech	3rd year	ridhisrinivastha1720@gmail.com	7020623980	Electronics and commun	University college of engi	Vinoda bhavt university	Jharkhand	Yes	I hereby declare that	
139	8/8/2020 19:1 Ms.	HRIJUPARNA DEY	Student	B.E ECE	IV YEAR	hrijuparna@gmail.com	9932397666	ECE	Coimbatore Institute of T	Anna University Coimbatore	Tamil Nadu	Andaman and Nicobar Is	Yes	I hereby declare that
140	8/8/2020 19:2 Ms.	PRITI KUMARI	Student	B.tech	Student (second year)	pritiroyal2222@gmail.com	6206162190	Electronics and commun	University College of engi	Vinoda vishu University	Hazaribagh	Jharkhand	Yes	I hereby declare that
141	8/8/2020 19:2 Mr.	HARIHARAN R	Student	B.E	3	hariharanr201@gmail.com	9790079265	ECE	Avasu engineering college	Anna university	Avasu engineering college	Tamilnadu	Yes	I hereby declare that
142	8/8/2020 19:6 Dr.	DR	Teaching	Ph.D	ASSOCIATE PROFESSOR	chandra.kanupth@gmail.com	0803836623	Computer Applications	AJK COLLEGE OF ARTS BU	AJK COLLEGE OF ARTS TAMIL NADU	Yes	I hereby declare that		
143	8/8/2020 20:2 Ms.	HEMALATHA V	Teaching	M.Sc., M.Phil	Assistant Professor	hema.vasanth@gmail.com	9940833377	Mathematics	Christian College of Engi	Anna University, Chennai	Christian College of Engi	Tamilnadu	Yes	I hereby declare that
144	8/8/2020 21:0 Ms.	SHANMUGHAPRIYA I	Student	Mca	II YEAR	shanmughadushanant	9643919401	Department of Computer	Coimbatore Institute Of T	Anna University Civil Aerodrome, Aulnesh	Tamil Nadu	Yes	I hereby declare that	
145	8/8/2020 21:0 Ms.	ISHVARIYA	Student	MCA	2nd Year	ishvariya@gmail.com	9969368106	MASTER OF COMPUTE	Coimbatore Institute of T	Anna university Coimbatore	Tamilnadu	Yes	I hereby declare that	
146	8/8/2020 21:0 Ms.	VISHU V	Teaching	MCA	Assistant Professor	vishnuv@dit.edu.in	8072456149	Mca	Coimbatore Institute of T	Anna University Peelamedu coimbatore	Kerala	Yes	I hereby declare that	
147	8/8/2020 23:4 Ms.	R.PREETHA	Student	Pursuing B.E	2nd year	preetha20219@gmail.com	9344417262	ECE	Dr. Mahalingam College o	Anna university Dr. IJCEIT,Polachi, Coimbat	Tamilnadu	Yes	I hereby declare that	
148	8/7/2020 8:04 Dr.	P.ARLUNA	Teaching	MCA, M.Phil, PhD	Assistant Professor	aruna2023@gmail.com	9626308467	Department of Software E	Coimbatore Institute of T	Anna University Coimbatore Institute of T	Tamilnadu	Yes	I hereby declare that	
149	8/7/2020 8:06 Ms.	VINITHA R	Student	BSC-COMPUTER	MCA (2019-2022)	vinitharajadevi19@gmail.com	9877307166	COMPUTING DEPARTM	COIMBATORE INSTITUT ANNA UNIVERSITY	OPPOSITE OF OMC COI TAMILNADU	Yes	I hereby declare that		
150	8/7/2020 8:54 Mr.	R.VINOTH KUMAR	Teaching	M.E/VLSBI DESIGN	ASSISTANT PROFESSOR	vinok@gmail.com	9952108031	ELECTRONICS AND CO	BREE BASTHA COLLEGE ANNA UNIVERSITY	CHEMBARAMBAKKAM 1 TAMILNADU	Yes	I hereby declare that		
151	8/7/2020 10:6 Mr.	T.PANDIARAJAN	Teaching	M.E	Assistant professor	medhus41@gmail.com	8344477762	Computer science engine	P.T.R college of engineer	Tamir Nadu	Yes	I hereby declare that		
152	8/7/2020 12:11 Mr.	A.AJAYBURJA	Student	Diploma	3 (2020-21) batch	ajayanandav1234@gmail.com	8940481682	Electrical and Electronics	Thiagarajar Polytechnic C Bone	Buamangalam Salem Jnr	Tamir Nadu	Yes	I hereby declare that	
153	8/7/2020 18:0 Mr.	KUMAR GAURAV S/BJ	Teaching	M.TECH	ASSISTANT PROFESSOR	gauravsuman154@gmail.com	9990203070	Department of Electroni	Indira Gandhi Institute of	BIJU PATNAIK UNIVERS BARANG, DHENKAL, BIHAR	Yes	I hereby declare that		
154	8/7/2020 23:3 Mr.	DHEIADHARSHIN P	Student	12th standard	B.E 2nd year	dheivassanessan@gmail.com	9344225120	ECE	Dr. Mahalingam college o	Anna University Polachi	Tamilnadu	Yes	I hereby declare that	
155	8/8/2020 8:27 Ms.	CH JANAKI JAGADEE	Teaching	Btech	Assistant professor	jenakichivikulak@gmail.com	+918466924519	Ece	Kakmadra Institute of Ted Jntuk	Divilil Andhra Pradesh	Yes	I hereby declare that		
156	8/8/2020 9:30 Ms.	Belvatheshini	Student	College	2 nd year	belvatheshini@gmail.com	9361447690	Ece	Dr.mahalingam college of Anna university	Mannikampatti polachi	Tamilnadu	Yes	I hereby declare that	
157	8/8/2020 9:34 Mr.	C.VINOD	Teaching	M.E	LECTURER	vinopin1596@gmail.com	7401069864	MECHANICAL ENGINEE	100 GOVERNMENT POL, DOTE	AYANAVARAM	Tamil Nadu	Yes	I hereby declare that	
158	8/8/2020 11:48 Mr.	SUBHASHISH DWIVE	Teaching	MCA	Student 2 year	Princedivesudheshan	7699766026	Computer Science	I.E.T., Dr. Bhim Rao Amol	Dr. Bhim Rao Amoteskar	Khandari, Agra, Uttar Pr	Uttar Pradesh	Yes	I hereby declare that
159	8/8/2020 12:3 Ms.	RAMYA S RAJAN	Teaching	B.E/M.Tech	Assistant Professor	ramyasundaram@gmail.com	9742024094	Electrical and Electronics	Dayanandha Sagar Acad	Viveksaraya Technolog	Opposite At of Living, Uk	Karnataka	Yes	I hereby declare that
160	8/8/2020 12:6 Ms.	P.R.GUA	Student	BE	IV	rojapleshiniyescen1120@gmail.com	7693088762	ECE	Dr. Mahalingam college o	Yes	NPT - IJCEIT Campus, U	Tamilnadu	Yes	I hereby declare that
161	8/8/2020 12:9 Ms.	D.Amutha	Teaching	Pg	AP	reachmanjula@gmail.com	9600170380	MBA	Loyola Institute of technol	Anna University Kanyakumari	Tamil Nadu	Yes	I hereby declare that	
162	8/8/2020 17:0 Ms.	S.BODIPATHY	Teaching	M.E	Assistant Professor I	bodipathy.s.bodipath.ac.in	9997021040	ECE	Kumaraguru College of T	Anna University Coimbatore	Tamilnadu	Yes	I hereby declare that	
163	8/8/2020 19:2 Mr.	HARIHARAN S	Teaching	Masters in compute	Assistant professor	hariharan.s@dit.edu.in	9934075166	Cse	Coimbatore Institute of T	Anna university Aulneshi Road, civil aeroc	Tamil Nadu	Yes	I hereby declare that	
164	8/8/2020 19:3 Ms.	VICHYABRI S	Student	B.E	3rd year	vichyabris2012@gmail.com	7639338496	ECE	Dr. Mahalingam College o	Anna University Ujumalai road, polachi 6	Tamil Nadu	Yes	I hereby declare that	
165	8/8/2020 21:2 Mr.	P.SEBASTIAN VINODI	Teaching	M.E	ASSISTANT PROFESSOR	jude.palmyram@gmail.com	9624876666	EEE						

## Overview of the webinar:

One of the biggest, and in some cases hardest, lessons companies have learned from this pandemic is how critical it is to stay ahead in digital transformation. For companies that have made investments in digital channels, such as large high street banks and stores, switching to remote operations has been less of a disruption.

Undertaking digitization, however, needs a well-thought-out strategy built on the selection of sustainable, robust and scalable technologies. Companies will be examining these transformation roadmaps much more carefully over the coming weeks and months.

Two areas projected to see growth as a result of the pandemic are infrastructure spend, which is forecast to grow 5.3% this year driven by cloud services according to IDC, and software, which is also expected to see a growth of just under 2% overall, again largely due to cloud investments. Telecom spending will also be less impacted than other technology areas as there is still a strong demand for broadband.

## Preparing the digital road to the new normal

Most companies have shored up their IT infrastructures and cybersecurity to enable mass remote working as the COVID-19 crisis has unfolded. The savvy ones are now investing in their technological infrastructures to put themselves in an even stronger position as they emerge into the new normal.

Where should CIOs start? Companies will first need to run an audit of their current digital health so that they can prioritize IT projects. In most cases, these projects will be of the highest value and urgency to business operations. They will need to be designed to make companies more agile to cope with fast decision cycles. Gartner warns, however, that agile isn't a "pick and mix" methodology, and to be successful, it must be used across all processes.

The goal is to become more agile and be able to adapt to the new and unanticipated. The pandemic has given CIOs an opportunity to make a difference outside what Serge Findling, Vice President of Research at IDC, calls their historical domain. "CIOs must urgently rework their plans and adapt to the unknown business environment laying ahead," he says.

## Queries:

00:15:44.133,00:15:47.133  
vairavan arun: sir what is the checklist that you follow when you start a project sir? right from selection of title till the end sir

00:15:57.637,00:16:00.637  
prithvi sankar: Sir should we hold certificates as a proof that we are good at programming languages?

00:16:43.049,00:16:46.049  
vairavan arun: yes sir

00:16:44.507,00:16:47.507  
Nikkilraj N: yes sir

00:16:45.077,00:16:48.077  
prithvi sankar: yes sir

00:18:15.778,00:18:18.778  
Hariesh Varshan: Sir, do Coursera and Udemy courses really speak out in an interview sir?

00:23:24.097,00:23:27.097  
Hariesh Varshan: Okay sir, thank you

00:24:49.788,00:24:52.788  
Sujeetha Saravanan: What is the scope for ECE students in Robotics sir?

00:25:36.470,00:25:39.470  
Bavi: Sir, what is ur view on higher studies through GATE exam and about PSU jobs!



vairavan arun: sir in machine learning we always come across the word Exploratory Data Analysis. In general i got to know that learning about the data we have is EDA. What else we should do in EDA sir

00:31:24.202,00:31:27.202

Hariesh Varshan: If something is not my area of interest can i say it openly and ask for an alternative in an interview sir?

00:34:27.846,00:34:30.846

Hariesh Varshan: Thank you sir, it was very insightful.

00:34:59.905,00:35:02.905

Bharathi Athinarayanan: 9886644840

00:35:04.753,00:35:07.753

Bharathi Athinarayanan: my whatsapp number

00:35:20.724,00:35:23.724

Bharathi Athinarayanan: <https://www.linkedin.com/in/bharathi-a/>

## Interactive session photos:

## Coordinators for Live Interaction Session:

### Chief Patron

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Correspondent, CIT.

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**Dr. V. Selladurai**  
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Dept. of ECE,

### Co-ordinators

**Dr. M. Poongothai,**  
Associate Professor,

### Mr. P. Satheesh Kumar

Assistant Professor,  
Dept. of ECE, CIT

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Mr. Karthik Jai Kumar.R.P  
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Ms. Sushritha.R  
Ms. Aparnaa Shree.K  
Mr. R.P.Hariesh Varshan  
Mr. S. Aswin Ram

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Dr. A. Rajeswari,  
Professor & Head,  
Dept. of ECE,

**Co-ordinators**  
Dr. M. Poongothai,  
Associate Professor,  
Mr. P. Sathesh Kumar  
Assistant Professor,  
Dept. of ECE, CIT

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
Government Aided Autonomous Institution Approved by AICTE, New Delhi and  
Affiliated by Anna University, Chennai-600025

Department of Electronics and Communication Engineering  
With  
Institution of Electronics and Telecommunication Engineers' (IETE)  
Students Forum  
presents a webinar series on

**IoT: Paradigms and Solutions for Next Generation  
Smart Ecosystems**

During  
12<sup>th</sup> AUG & 13<sup>th</sup> AUG 2020

**REGISTRATION FEE: FREE**  
**Pre-registration required**

Live stream on Google meet

Topic: Digital future for the new normal  
**Mr. Amit Chatterjee**  
Intel Corporation  
Bengaluru, Karnataka  
12.08.2020  
10 am - 1 pm

Topic: HAMS: Harnessing Automobiles for safety  
**Dr. Venkat Padmanabhan,**  
Microsoft, Bangalore,  
Adjunct Faculty, IISc, Bengaluru  
13.08.2020  
4pm - 5 pm

Registration Link:  
<https://forms.gle/Dva5PGq7sXgwodnw7>  
Contact: Mr. P. Sathesh Kumar  
Phone:+91 9789130028, MAIL: citeceisf@cit.edu.in

Registration Link:  
<https://forms.gle/Wn8U5FexPWFn4Y4E9>

Separate registration is required for each webinar  
E-CERTIFICATE WILL BE PROVIDED FOR EACH WEBINAR

Certificate sample:

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
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And Affiliated by Anna University, Chennai-600025

**Certificate of Participation**

This is to certify that

**Mr. P. SATHEESH KUMAR** of COIMBATORE INSTITUTE OF TECHNOLOGY  
has actively participated in online webinar on "IoT: Paradigms and Solutions for Next  
Generation Smart Ecosystems - Digital future for the new normal" organized by  
Department of Electronics and Communication Engineering jointly with Institution of Electronics  
and Telecommunication Engineers (IETE) Students Forum of Coimbatore Institute of Technology,  
Coimbatore-641014 on 12.08.2020.

**Mr. P. Sathesh Kumar**  
Assistant Professor  
IETE-SF Co-ordinator  
Dept. of ECE.

**Dr. M. Poongothai**  
Associate Professor  
Dept. of ECE.

**Dr. A. Rajeswari**  
Professor & Head  
Dept. of ECE.

**Dr. V. Selladurai**  
Principal.

Page 1 / 1

## Webinar-2

### HAMS: Harnessing Automobiles for safety

**Date: 13.08.2020**

**Time: 04.00pm -05.00pm**

**Resource person:**

**Dr. Venkat Padmanabhan,  
Microsoft, Bangalore,  
Adjunct Faculty, IISc, Bangalore**



**Participants:** Students, Research scholars, Faculty members and Industrialists from all over India

**Total number of Participants:** 57

**Type of Interaction :** online mode of Interaction

**Online platform:** Google meet

**Registration Link :**

<https://forms.gle/Wn8U5FexPWFn4Y4E9>

**Webinar link:** [meet.google.com/gcw-eiex-gjd](https://meet.google.com/gcw-eiex-gjd)

**Registration Form:**

Registration Form for the Webinar series on "IoT: Paradigms and Solutions for Next Generation Smart Ecosystems"- "HAMS: Harnessing Automobiles for safety"- by Department of ECE with IETE Student Forum , Coimbatore Institute of Technology 13-08-2020 , 04:00PM - 05:00 PM

This is a Registration form for the online webinar series - organized by ECE dept in association with IETE students Forum & IoT CENTRE ECE CIT

\* Required

**HAMS: Harnessing Automobiles for safety**

RESOURCE PERSON:

Dr. Venkat Padmanabhan,  
Microsoft, Bangalore,  
Adjunct Faculty, IISC, Bengaluru  
13.08.2020  
4pm - 5 pm

Date : 13.08.2020 Time :04:00PM - 05:00PM

Mode:Google meet

**IoT CENTRE ECE CIT**

Website: [www.citeceiot.in](http://www.citeceiot.in)

Youtube channel:<https://www.youtube.com/channel/UCoLEU2SwgIDXU3sYR6Sa1Q>

**PARTICIPANT SALUTATION \***

- Dr.
- Prof.
- Mr.
- Mrs.

**PARTICIPANT NAME (BLOCK LETTERS- AS NEEDED IN CERTIFICATE) \***

Your answer

**Profession \***

- Teaching
- Student
- Industrialist

**Qualification \***

Your answer

**Designation ( student- can write their year) \***

Your answer

**Email Address \***

Your answer

**Mobile Number( Whatsapp) \***

Your answer

**Name of the Department \***

Your answer

Name of the Institute/ organisation \*

Your answer

Affiliating University \*

Your answer

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Address of the Institute/ organisation \*

Your answer

State you belong to \*

Your answer

State you belong to \*

Your answer

WEBINAR is on 13th Aug 2020 @ 04.00 Pm to 05.00 PM . Willing to Attend? \*

Yes

No

Declaration \*

I hereby declare that the information given in this application is true and correct to the best of my knowledge and belief

Submit

## **OVERVIEW of the Webinar:**

Harnessing Auto Mobiles for Safety, or HAMS, project, uses low-cost sensing devices to construct a virtual harness for vehicles. The goal is to monitor the state of the driver and how the vehicle is being driven in the context of a road environment that the vehicle is in. We believe that effective monitoring leading to actionable feedback is key to promoting road safety.

### **Smartphone setup in HAMS:**

The sensing device employed in HAMS is an off-the-shelf smartphone. The smartphone is mounted on the windshield, with its front camera facing the driver and the rear camera looking out to the front. The key to the operation of HAMS is the use of multiple sensors simultaneously. For example, when a sharp braking event is detected (using the smartphone's accelerometer), the distance to the vehicle in front is checked (using the rear camera), along with indications of driver distraction or fatigue (using the front camera). Such sensing and detection in tandem helps provide a holistic and accurate picture of how the vehicle is being driven, enabling appropriate feedback to then be generated.

The research challenges we address in HAMS pertain to effective detection and monitoring in challenging settings. Some of these challenges arise because HAMS is retrofitted onto legacy vehicles, and so it must contend with variation in vehicle configuration, driver seating, and even the smartphone mounting. Other challenges arise because of our goal to be broadly applicable, including in regions where we cannot count on well-marked, fixed-width lanes, for instance, to perform vehicle ranging. We also address the challenge of efficient operation on a smartphone with modest resources, for instance, by combining accurate deep learning models with less expensive traditional computer vision techniques.

As part of the project, we have also explored several use cases for HAMS. One of the earliest we prototyped was a fleet management dashboard, which allowed a supervisor to view safety-related incidents of interest offline. We have also piloted HAMS in the context of driver training, in collaboration with the Institute of Driving and Traffic Research (IDTR), run by Maruti-Suzuki, the largest passenger car manufacturer in India.

More recently, we have been working with the Transport Department, Government of Uttarakhand and IDTR on using HAMS to automate the driver license test at the Regional Transport Office, Dehradun.



# Participants List:

HAMS (Responses) ☆ ☆ ☆

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T	Timestamp	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Timestamp	PARTICIPANT	PARTICIPANT NAME	(B)	Profession	Qualification	Designation (student-cs)	Email Address	Mobile Number (WhatsApp)	Name of the Department	Name of the Institute or Affiliating University	Address of the Institute or State you belong to	WBBNAR	Declaration					
1	8/20/2022 18:48:11	Mr.	DHARANISHABAREE L	Student	B.TECHNOLOGY	3rd Year	dhara_nishabaree@rediffmail.com	917022273	B.TECHNOLOGY	BANWAR AMMAN NEST ANNA UNIVERSITY	Athankumal post, Bathi TAMILNADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
2	8/20/2022 18:48:11	Ms.	DABAR LAJUNYA	Student	B.Tech 2nd year		dashanika08@rediffmail.com	6302703616	ECE	VNR VIGNANA YITHU JNTUK	Bachupally Hyderabad, Telangana	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
3	8/20/2022 18:48:11	Ms.	BAI SUDHAR KOTTA	Student	M.TECH		baishudhar1978@gmail.com	+919848382769	ECE	SRM VASAI INSTITUTE, JNTU	NANDAMURU (U), PEDD Anna Pradesh	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
4	8/20/2022 19:00:11	Ms.	JAYE BALNA MARIE J	Student	BE		smarie36@gmail.com	+919200342024	ECE	Kongu Engineering College Anna University	Perunuru, Erode Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
5	8/20/2022 19:00:11	Ms.	JAYALUCHAK	Student	BE		jayaluchak02@gmail.com	6828893412	ECE	KONGU ENGINEERING ANNA UNIVERSITY	PERUNURU,ERODE TAMILNADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
6	8/20/2022 19:05:11	Ms.	BANAJM	Student	BE	3rd	banajm1234@gmail.com	9800493397	ECE	Kongu Engineering College Autonomous	Perunuru,erode Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
7	8/20/2022 19:11:11	Ms.	JAYABARI R	Student	BE	3rd Year	jayabari08@gmail.com	948871914	EEE	SRM VASAI ENGINEER ANNA UNIVERSITY	WEST TAMILNADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
8	8/20/2022 19:14:11	Ms.	HANUJANTH RAO BAN	Housewife	ME		hanumanth16@gmail.com	+91792412879	DAE	TRIA INSTITUTE OF PLAZA INSTITUTE OF FUTURE OBSERVATORY Maharashtra	Amalapuram college of Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
9	8/20/2022 19:14:11	Ms.	RAJULU KUMAR P	Student	M.E.(Ph.D)		raajulupr@gmail.com	9800210237	DAE	ELECTRONICS AND CO	ARULMURUGAN COLLEGE ANNA UNIVERSITY	Amalapuram college of Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.					
10	8/20/2022 19:15:11	Ms.	VEJUGONDA ANUSHA	Student	UG student	2nd year	anusha0802@gmail.com	9887914747	ECE	Nagapuri College of Eng'g (U)	Besaganihalli, Bengaluru Andhra Pradesh	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
11	8/20/2022 19:24:11	Dr.	V Anantha Narayanan	Teaching	M.E., Ph.D	Asst. Professor	v.anantha.narayanan@gmail.com	9449291277	OSB	Amrita Vishva Vidyapeeth Amrita Vishva Vidyapeeth Amrita Nagar Post, Coim Tamilnadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.							
12	8/20/2022 19:31:11	Ms.	RAKSHITHAS	Student	BE	3rd Year	raakshithasreddy4445@gmail.com	9874026147	Electrical Electronics The Oxford College Of Ee	Vaidyanatha Technological	Bommanahalli, Hosur, Karnataka	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
13	8/20/2022 19:40:11	Ms.	Anusha Chander Das	Student	Final year		anusha0857@gmail.com	9831938408	ECE	Combotore Institute of Tamil Nadu University	Civil Aerodrome Post, Pal Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
14	8/20/2022 19:40:11	Ms.	RANJITH P	Student	BE ECE	4th year	ranjithashini2@gmail.com	737389793	ECE	Combotore Institute of Tamil Nadu University	Combotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
15	8/20/2022 19:48:11	Ms.	ARJENDU KUNDU	Student	M.E, Ph.D	PhD scholar	arjendu.kundu1589@gmail.com	08240849158	ETOE	Jadavpur university	Jadavpur, West Bengal	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
16	8/20/2022 20:01:11	Ms.	PRAKASH HARU	Student	B.E	Final year	prakashharu@gmail.com	924898998	Government Engineering	Guarati Technological University	Vidyanagar, Bhanagar, Guarati	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
17	8/20/2022 20:04:11	Ms.	VENKATESH C	Teaching	Master of Engineering	Asst. Professor	venkateshch@gmail.com	674162141	Computer Science and Ee	Alumunagar College of Tamil Nadu	Alumunagar college of Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
18	8/20/2022 20:43:11	Prof.	G.SANTHAKUMAR	Teaching	M.E	Asst. Professor	gsanthakumar19@gmail.com	9862445194	ECE	Sri Krishna College of Tamil Nadu University	Kovvada/ Palai, Coim Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
19	8/20/2022 20:47:11	Ms.	NANDINI M	Student	Type writing		nandini01110@gmail.com	98621000	Electronics and communi	Government College of Arts	NH 44 Karapur, omlai Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
20	8/20/2022 21:08:11	Ms.	M.PUBBARAJU	Student	M.B. (ISE)	(I)YEAR	m.pubbaraju@gmail.com	978704968	INDUSTRIAL SAFETY	SRM ARULMURUGAN COLLEGE ANNA UNIVERSITY	KARUR TAMILNADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
21	8/20/2022 21:24:11	Dr.	VADIVELU R	Teaching	Ph.D	Asst. Professor	vadivelur@gmail.com	9787412317	ECE	Sri Krishna College of Tamil Nadu University	Kovvada/ Combotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
22	8/20/2022 22:44:11	Ms.	HARESH VENKATRAI S	Housewife	Post Graduate Diploma	AIP	hreshashini@gmail.com	783789393	Finance	DAE	Yaravada Vasa Maharashtra	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
23	8/20/2022 22:57:11	Ms.	RAJULU KUMAR P	Student	B.TECH	2020	raajulupr@gmail.com	9800210237	Electronics and Electronics	DAE	ARULMURUGAN COLLEGE ANNA UNIVERSITY	Amalapuram, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.					
24	8/20/2022 23:12:11	Ms.	Meenakshika M	Student	BE	Final year	meenakshika08@gmail.com	9800210237	ECE	Combotore Institute of Tamil Nadu University	Combotore, Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
25	8/20/2022 1:17:01	Ms.	MAUD AFAR HUSSAN	Student	M.Tech (Pursuing)		maudafar@gmail.com	991039232	Mechanical Engineering	National Institute of Techno	Amalapuram, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
26	8/20/2022 1:38:01	Ms.	VIJAYAKUMAR B	Teaching	M.E	Asst. Professor	vijayakumar2010@gmail.com	904137969	ECE	Ramaiah Institute of Higher Education	Rashtreeya, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
27	8/20/2022 1:57:01	Ms.	K.BEETI	Student	M.Tech	Asst. Professor	beetikonni@gmail.com	9800204036	ECE	Vasavi College of Engg, Coimbotore	Hyderabad, Telangana	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
28	8/20/2022 1:58:01	Dr.	R.JAGADEESH KANNAN	Teaching	M.E Ph.D	Professor and Dean	rj_kannan@gmail.com	9840884108	OSB	VIT Chennai	Vandalur, Veeramangalam Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
29	8/20/2022 1:58:11	Prof.	P.Y SIDDHARAJAN	Teaching	P.G	PROFESSOR	psiddharajan@gmail.com	948896166	CIVIL ENGINEERING	PANA COLLEGE OF EN ANNA UNIVERSITY	Professors, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
30	8/20/2022 10:40:11	Ms.	PRARTHANA BAKIA	Student	M.Tech	Student	prarthana2020@gmail.com	983888760	ECE	Ni Bitor	Ni Bitor, Assam	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
31	8/20/2022 11:19:11	Ms.	BALAMURUGAN R	Teaching	BCA	Technician	balamuruganr@gmail.com	948879732	Information Technology	Mepco Sreeni Engineering Anna University	Mepco Nagar, Sivakasi, Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
32	8/20/2022 11:28:11	Ms.	MURUGAN S	Student	B.E	4 year	muruganmurugan@gmail.com	9864481136	ECE	Amrita Engineering Anna University	Salem Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
33	8/20/2022 12:09:11	Ms.	ABHIROOP DAS	Student	(12TH PASS)		abhir002@gmail.com	990487482	Electronic and Instrument	Amrita Vishva Vidyapeeth Amrita Vishva Vidyapeeth Amrita Nagar Post, Coim Tamilnadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.							
34	8/20/2022 14:05:11	Ms.	JAGADEESH K	Teaching	M.E (Ph.D)	Asst. Professor	jagadeeshk@gmail.com	984448278	ECE	SNS College of Engineering Anna University	Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
35	8/20/2022 14:18:11	Dr.	Anurag Shivshankar S	Teaching	PhD	Asst. Professor	anuragshankar@gmail.com	985448278	Electronics and communi	Alpine Institute of Technol	Beasas, Mlo	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
36	8/20/2022 14:19:11	Ms.	DHEERAJ KUMAR B	Student	BE	3rd year	dheerajkumar19@gmail.com	978489898	EEE	BANWAR AMMAN NEST ANNA UNIVERSITY	ERODE Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
37	8/20/2022 14:19:11	Ms.	A.JAYABURUN	Student	Diploma	2020	ajayaburun123@gmail.com	984041662	Electronic and Electronics	Thirapagar Polytechnic C Thirapagar Polytechnic C	Suvarnagangam, Salem, Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
38	8/20/2022 14:26:11	Ms.	PREMA SAKTHI P	Student	B.E	2nd year	premasakthi19@gmail.com	7339524797	Mechanics	Banwar Amman Institute Anna University	Banwar Amman Institute Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
39	8/20/2022 14:26:11	Ms.	ANBU PRIYAS	Student	Pursuing BE		anbusriyasa@gmail.com	9487027169	ELECTRONICS AND CO	Dr. MAHALINGAM COLLU Yes anna university	Urumelur Road, Polichchi Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
40	8/20/2022 14:41:11	Ms.	MS.MALLU LALABAI H	Teaching	M.Tech	Asst. Professor	hemalatha.m@gmail.com	9803849732	ECE	Vasavi Institute of Techno, JNTUK	Bhimavaram Andhra Pradesh	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
41	8/20/2022 14:45:11	Ms.	M. M. V. SUBBAREDDY	Teaching	M.Tech	Asst. Professor	msubbaredy@gmail.com	9440262076	ELECTRONICS AND CO	VISNU INSTITUTE OF VISHNU INSTITUTE OF	Kovvada, BHIMAVARAM, ANDHRA PRADESH	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
42	8/20/2022 19:08:11	Ms.	ARAVIND P	Student	BE	3rd year	aravind.p@gmail.com	9833220191	Electrical electronics and	Banwar Amman Institute Anna University	Banwar Amman Institute Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
43	8/20/2022 19:08:11	Ms.	SHANDEESH R B	Student	BE	3rd year	shandeeshrb@gmail.com	6025465262	EEE	Banwar Amman Institute Anna University	ERODE TAMILNADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
44	8/20/2022 19:41:11	Ms.	ATREYEE BEN	Student	M.Tech Student	1st year	atreyeeben@gmail.com	9802248464	Material Science and Nan	Jadavpur University	163, Raja S.C. Mallick Rd, West Bengal	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
45	8/20/2022 19:44:11	Ms.	NHEELS KUMAR VERU	Student	M.Tech	Research Scholar	nheelsk@gmail.com	986116989	Department of ECE	National Institute of Techno	Kurukshetra Haryana	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
46	8/20/2022 19:54:11	Ms.	VIMALRAJ T	Student	BE	3rd year	vimalrajt@gmail.com	6302410479	EEE	BANWAR AMMAN NEST ANNA UNIVERSITY	BANWAR AMMAN NEST TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
47	8/20/2022 19:58:11	Ms.	MANIRAHULU S B	Student	B.E	3rd year	manirahulu19@gmail.com	979874866	ELECTRICAL AND ELEC	BANWAR AMMAN NEST ANNA UNIVERSITY	BATHYANGALAM TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
48	8/20/2022 19:58:11	Ms.	LINGALA KONDAREDDY	Student	B.TECH	DRONE PILOT	lingalaki@gmail.com	9618179128	Mechanical Engineering	MACANAPALLE INSTITUTE, JNTU	Anglu kasturi road ANDHRA PRADESH	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
49	8/20/2022 19:58:11	Ms.	HRIYAPARNA DEY	Student	B.E	4 year	hriyaparna@gmail.com	983297989	ECE	Combotore Institute of Tamil Nadu University	Combotore, Tamil Nadu Andaman and Nicobar Isl	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
50	8/20/2022 19:48:11	Dr.	C.CHANDRABAKHA	Teaching	Ph.D	ASSOCIATE PROFESSOR	chandrabakha@gmail.com	9803888623	Computer Applications	AJK COLLEGE OF ARTS BU	AJK COLLEGE OF ARTS TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
51	8/20/2022 20:02:11	Ms.	BHANUJAHARRI M	Student	Nice	11 YEAR	bhanujahar@gmail.com	948919407	Department Of Computer	Combotore Institute Of Tamil Nadu University	Civil Aerodrome post, Ai Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
52	8/20/2022 22:36:11	Ms.	P. PREETHA	Student	Pursuing BE	2nd year	preetha2020@gmail.com	934447293	ECE	Dr. Mahalingam College of Anna University	Dr. MCEET, Polichchi, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
53	8/20/2022 12:24:11	Ms.	VINATHA R	Student	Bsc. Computer system s	MASTER OF COMPUTE	vinathar@gmail.com	9877307169	COMPUTING DEPARTM	COMBOTORE INSTITUTE ANNA UNIVERSITY	Anaimath road, coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
54	8/20/2022 22:33:11	Ms.	DHEADHARSHINI P	Student	12th standard	B.E 2nd year	dheadharshini@gmail.com	9344225120	ECE	Dr. Mahalingam college of Anna University	Polichchi Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
55	8/20/2022 12:27:11	Ms.	P. ROJA	Student	BE	IV	roja@gmail.com	7593389783	ECE	Dr. Mahalingam college of Anna University	NPT - MCEET Campus, U Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
56	8/20/2022 22:12:11	Prof.	MANJU BHURAO DESAI	Teaching	B.E., TECH. DEM. PH.D	Ph.D Research Scholar	manjubhuro@gmail.com	9048984023	ELECTRICAL ENGINEER	GOVERNMENT COLLEGE GONDIVANA UNIVERSITY	BABUPETH, CHANDRABATHRA	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
57	8/20/2022 22:12:11	Ms.	SUMAN MALIK	Student	B.Tech graduate in EEE	M.Tech 2nd year Student	sumanmalik1999@gmail.com	987111637	Electronics and Telecom	IIEST, SHRIPUR, WEST B	Shripur, Howrah, West B WEST BENGAL	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
58	8/20/2022 22:12:11	Ms.	HARJAN S	Teaching	M.E computer science	Asst. Professor	harjans@gmail.com	9488407816	ECE	Banwar Amman Institute Anna University	Ainash Road, civil aerod Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
59	8/20/2022 14:41:11	Ms.	T.SUNJAGSA PRADEEP	Teaching	M.E	ASSISTANT PROFESSOR	pradeep01.edu.in	9150866778	ECE	COMBOTORE INSTITUTE ANNA UNIVERSITY	CIVIL AERODROME VIA TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
60	8/20/2022 14:14:11	Ms.	DINESH KUMAR G	Student	BE ECE	2019-2022	dineshkm12@gmail.com	+91989772274	Electronics and communi	Combotore Institute of Tamil Nadu University	105 North Street, kalpae TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
61	8/20/2022 14:20:11	Ms.	PABLA SULTHANA J	Student	BE E.CE	THIRD YEAR	psultana@gmail.com	988138783	ECE	Combotore Institute Of Tamil Nadu University	Combotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
62	8/20/2022 14:23:11	Ms.	K.J.BHASKER	Student	B.E	3rd year	kbhasker@gmail.com	9791762626	ECE	OT Anna University Chennai	Peelamedu, Coimbotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
63	8/20/2022 14:24:11	Ms.	ARUN B	Student	B.E	11 YEAR	arunb4888@gmail.com	983195484	ELECTRONICS AND CO	COMBOTORE INSTITUTE ANNA UNIVERSITY	COMBOTORE TAMIL NADU	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
64	8/20/2022 14:26:11	Ms.	CHANDRINI M	Student	BE ECE	Third year	chandrini.m@gmail.com	933870883	ECE	Combotore Institute of Tamil Nadu University	No 166 Anadol nagar 2, G Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
65	8/20/2022 14:26:11	Ms.	ARAVINTH M	Student	B.E	Third year	aravinthm@gmail.com	794070273	Electronics and communi	Combotore Institute of Tamil Nadu University	Chennai Combotore Institute of Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
66	8/20/2022 14:26:11	Ms.	KAI BHARATH R	Student	B.E	3rd year	kaiharath@gmail.com	987286262	Kalathuram R	Combotore Institute of Tamil Nadu University	Combotore Tamil Nadu	Yes	I hereby declare that the information given in this application is true and correct to the best of my knowledge.						
67	8/20/20																		

## Queries:

00:15:44.133,00:15:47.133

vairavan arun: sir what is the checklist that you follow when you start a project sir? right from selection of title till the end sir

00:15:57.637,00:16:00.637

prithvi sankar: Sir should we hold certificates as a proof that we are good at programming languages?

00:16:43.049,00:16:46.049

vairavan arun: yes sir

00:16:44.507,00:16:47.507

Nikkilraj N: yes sir

00:16:45.077,00:16:48.077

prithvi sankar: yes sir

00:18:15.778,00:18:18.778

Hariesh Varshan: Sir, do Coursera and Udemy courses really speak out in an interview sir?

00:23:24.097,00:23:27.097

Hariesh Varshan: Okay sir, thank you

00:24:49.788,00:24:52.788

Sujeetha Saravanan: What is the scope for ECE students in Robotics sir?

00:25:36.470,00:25:39.470

Bavi: Sir, what is ur view on higher studies through GATE exam and about PSU jobs!



vairavan arun: sir in machine learning we always come across the word Exploratory Data Analysis. In general i got to know that learning about the data we have is EDA. What else we should do in EDA sir

00:31:24.202,00:31:27.202

Hariesh Varshan: If something is not my area of interest can i say it openly and ask for an alternative in an interview sir?

00:34:27.846,00:34:30.846

Hariesh Varshan: Thank you sir, it was very insightful.

00:34:59.905,00:35:02.905

Bharathi Athinarayanan: 9886644840

00:35:04.753,00:35:07.753

Bharathi Athinarayanan: my whatsapp number

00:35:20.724,00:35:23.724

Bharathi Athinarayanan: <https://www.linkedin.com/in/bharathi-a/>

## Interactive session photos:

REC Amit Chatterjee is presenting

Digital future for the new no... X

People (37) Chat

Add people

CIT ECE ISF (You)

Abhiroop Das

Amit Chatterjee (Presentation)

Amit Chatterjee

Amsu priya B

Aruna P

Atreyee Sen

Dr Poongotha... Bijuni Panda

Manju Gupta Amit Chatterjee

Manoj Deokate S Senthilkumar

Turn on captions

Amit Chatterjee is presenting

## Coordinators for Live Interaction Session:

### Chief Patron

**Dr. S.R.K. Prasad,**  
Correspondent, CIT.

### Patrons

**Shri. S. Rajiv Rangasamy,**  
Director, CIT.

**Dr. R. Prabakar,**  
Secretary, CIT.

### President

**Dr. V. Selladurai**  
Principal, CIT.

### Convenor

**Dr. A. Rajeswari,**  
Professor & Head,  
Dept. of ECE,

### Co-ordinators

**Dr. M. Poongothai,**  
Associate Professor,

**Mr. P. Satheesh Kumar**

Assistant Professor,  
Dept. of ECE, CIT

### CIT-IETE SF office Bearers

Mr. S. Kalai Vasanth  
Mr. PL. Vairavan  
Ms. R. Samithra  
Ms. G. Divya Preetha  
Mr. Karthik Jai Kumar.R.P  
Mr. Yuvaraj.K  
Ms. Gayathri.R  
Ms. Vasantha.C  
Mr. Vijay.R  
Ms. M.Shri rakkshaa  
Ms. Sushritha.R  
Ms. Aparnaa Shree.K  
Mr. R.P.Hariesh Varshan  
Mr. S. Aswin Ram

## Brochure:

**ORGANIZING COMMITTEE**

**Chief Patron**  
Dr. S.R.K. Prasad,  
Correspondent, CIT Institutions

**Patrons**  
Shri. S. Rajiv Rangasamy,  
Director, CIT Institutions.

Dr. R. Prabakar,  
Secretary, CIT Institutions.

**President**  
Dr. V. Selladurai  
Principal, CIT.

**Convenor**  
Dr. A. Rajeswari,  
Professor & Head,  
Dept. of ECE,

**Co-ordinators**  
Dr. M. Poongothai,  
Associate Professor,

Mr. P. Satheesh Kumar  
Assistant Professor,  
Dept. of ECE, CIT

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
Government Aided Autonomous Institution Approved by AICTE, New Delhi and  
Affiliated by Anna University, Chennai-600025

Department of Electronics and Communication Engineering  
With  
Institution of Electronics and Telecommunication Engineers' (IETE)  
Students Forum  
presents a webinar series on

**IoT: Paradigms and Solutions for Next Generation  
Smart Ecosystems**

During  
12<sup>th</sup> AUG & 13<sup>th</sup> AUG 2020

**REGISTRATION FEE: FREE**  
**Pre-registration required**

Live stream on Google meet

Topic: Digital future for the new normal

**Mr. Amit Chatterjee**  
Intel Corporation  
Bengaluru, Karnataka  
12.08.2020  
10 am - 1 pm

**Registration Link:**  
<https://forms.gle/Dva5PGq7sXgwodnw7>  
Contact: Mr. P. Satheesh Kumar  
Phone:+91 9789130028, MAIL: citeceisf@cit.edu.in

Topic: HAMS: Harnessing Automobiles for safety

**Dr. Venkat Padmanabhan,**  
Microsoft, Bangalore,  
Adjunct Faculty, IISC, Bengaluru  
13.08.2020  
4pm - 5 pm

**Registration Link:**  
<https://forms.gle/Wn8U5FexPWFn4Y4E9>

Separate registration is required for each webinar  
E-CERTIFICATE WILL BE PROVIDED FOR EACH WEBINAR

Certificate sample:



## COIMBATORE INSTITUTE OF TECHNOLOGY



Government Aided Autonomous Institution, Approved by AICTE, New Delhi  
And Affiliated by Anna University, Chennai-600025

### Certificate of Participation

This is to certify that

**Mr. P. SATHEESH KUMAR** of COIMBATORE INSTITUTE OF TECHNOLOGY  
has actively participated in online webinar on **“IoT: Paradigms and Solutions for Next  
Generation Smart Ecosystems - HAMS: Harnessing Automobiles for safety”**  
organized by Department of Electronics and Communication Engineering jointly with Institution  
of Electronics and Telecommunication Engineers (IETE) Students Forum of Coimbatore Institute  
of Technology, Coimbatore-641014 on 13.08.2020.



**Mr. P. Satheesh Kumar**  
Assistant Professor  
IETE-SF Co-ordinator  
Dept. of ECE.



**Dr. M. Poongothai**  
Associate Professor  
Dept. of ECE.



**Dr. A. Rajeswari**  
Professor & Head  
Dept. of ECE.

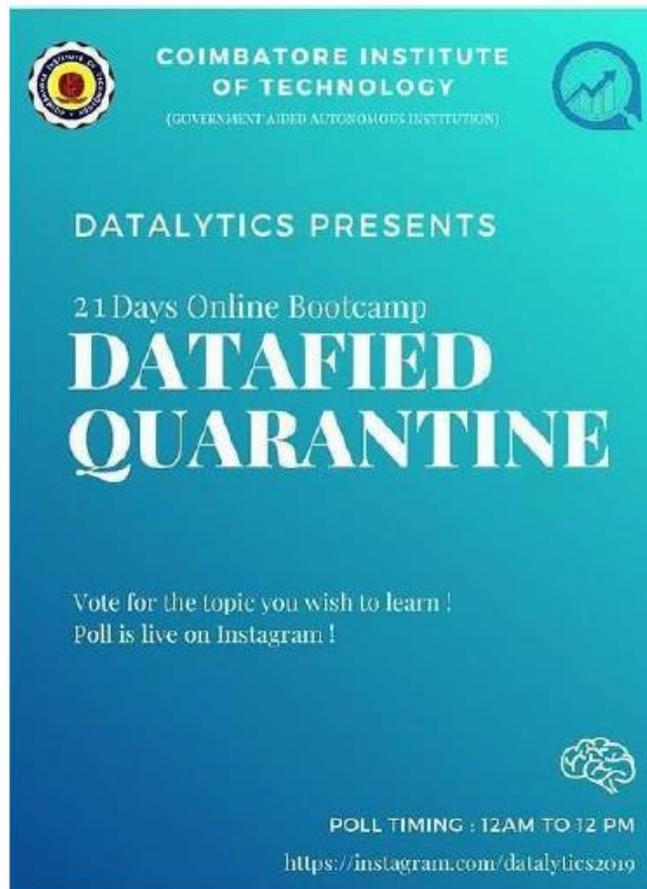


**Dr. V. Selladurai**  
Principal.

Page 1 / 1

## DATAFIED QUARANTINE

Date	: 25/03/2020
Mode	: Online
Venue	: Google Classroom
Duration	: 21 days
No. of participants	: 250
Incharges	: Dhamodharan, Kavya, Sri Suhas



The poster features a teal-to-blue gradient background. At the top left is the Coimbatore Institute of Technology logo, a circular emblem with a lamp and text. To its right, the text reads "COIMBATORE INSTITUTE OF TECHNOLOGY" and "(GOVERNMENT AIDED AUTONOMOUS INSTITUTIONS)". On the top right is a circular icon of a magnifying glass over a line graph. The main text in the center reads "DATALYTICS PRESENTS" followed by "21 Days Online Bootcamp" and "DATAFIED QUARANTINE" in large, bold, white letters. Below this, it says "Vote for the topic you wish to learn ! Poll is live on Instagram !". At the bottom right is a brain icon. At the very bottom, it states "POLL TIMING : 12AM TO 12 PM" and provides the Instagram link "https://instagram.com/datalytics2019".

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(GOVERNMENT AIDED AUTONOMOUS INSTITUTIONS)

DATALYTICS PRESENTS

21 Days Online Bootcamp

# DATAFIED QUARANTINE

Vote for the topic you wish to learn !  
Poll is live on Instagram !

POLL TIMING : 12AM TO 12 PM

<https://instagram.com/datalytics2019>

## **ABOUT THE EVENT::**

During the Quarantine we conducted an online bootcamp on Machine Learning and Image Processing –“**DATAFIED QUARATINE**” for one month duration, in which nearly 260 students in and out of CIT has participated. The topics of the boot camp was selected via poll and it was our very successful event that helps people to make their time useful in Learning.

In the bootcamp, the Learning Resources were provided and tasks were given weekly twice and asked to submit via Google classroom. It was very interactive and full filled event that we got many active participants



# INTERNATIONAL E-CONFERENCE (ONLINE) ON RENEWABLE ENERGY UTILIZATION (ICREU-2020)

(Fifth Edition)

16 – 18 DECEMBER 2020



TEQIP-III

NPIU

## CONFERENCE THEME

**PROVIDING RENEWABLE ENERGY ACCESSIBILITY FOR SUSTAINED ACCELERATIVE DEVELOPMENT**

## CONFERENCE SUB THEME

**EFFICIENT ENERGY ENHANCEMENT through CLEAN INDIGENOUS TECHNOLOGY**

### ABOUT CIT

Coimbatore Institute of Technology (CIT) started in 1956 by Sri.V. Rangasamy Naidu is reckoned for its academic excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. CIT offers UG, PG, and PhD programs with a global standard curriculum promoting the students to compete internationally. The institute has celebrated its Golden Jubilee in the year 2006, Diamond Jubilee in the year 2016. CIT has been awarded with the “Bizz-2015” from World Confederation of Business (WORLDCOB), Houston, USA for maintaining global standards and excellence. CIT honoured with the Outstanding Engineering Institute (SOUTH) for consecutive ninth time awarded by ABP NEWS National Education Awards. CIT ranked third in category of ‘Govt. and Govt. Aided Institutes & Colleges’ in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020.

### ABOUT EEE

The Department of Electrical and Electronics Engineering is one of the earliest departments in CIT which offers both UG, PG and Ph. D programmes. The department has a team of well experienced / competent faculty members having vast experiences in various engineering and technology with specialization in the areas like Power Electronics, Power Quality, Renewable Energy, Power Systems, Control Systems, Embedded Systems, VLSI and Wireless communications. The Department of EEE is imparting quality education and generating competent, skilled resources to face the scientific, technological, managerial and social challenges in the fast developing global scenario and incorporating the new technology to meet the emerging industrial challenges.

### ABOUT ICREU – SCOPE AND THEME OF ICREU-2020

Globally it is a well known fact that, more than 50 % of Earth’s annual bio-capacity is utilized by the human community. Across the world, 50 % of the human population is living in cities and are contributing about 70 % of the world’s CO<sub>2</sub> emissions. The higher exploration of fossil fuels has created problems of demand and supply and hence the future of these sources is uncertain. Fossil fuels are the main sources for the production of hazardous gases which are responsible for the

greenhouse effect. Scientific community strongly believes that the climate change and global warming are caused only by the man made greenhouse gas emission. Environmental degradation and climate change not only affects the human beings but also damage the agriculture pattern, widespread extinctions, imperil clean water and spread of tropical diseases. Development and change in lifestyle are inevitable, it is very much important to transform our global energy consumption to 100 % renewables. Renewable energy is reliable, plentiful and will potentially be very cheap once technology and infrastructure improves. Further the renewable energy produces only minute levels of carbon emissions and therefore helps combat climate change caused by the usage of fossil fuel usage.

To address all the practical issues, the 5<sup>th</sup> Edition of ICREU-2020 will explore all possible and emerging trends in the field of renewable energy generation and utilization and to bridge the gap between the technology development and commercial availability

### VISION

To adopt prominent and measurable steps to ensure increased economic growth through optimal utilization of renewable energy sources with sustainable solutions, environmental protection and climate mitigation.

### MISSION

To create a “Global Integrated Energy Network” and to develop a workforce by involving academia, eminent scientists, researchers, environmentalists, consultants, government/non-government agencies, policy makers and product developers with unique opportunity to explore their experiences to promote and commercialize renewable energy technologies.

### CALL FOR PAPER SUBMISSION

Researchers, academicians and Industrial persons are requested to submit their original and standard research works to a maximum of six pages in the prescribed format available in the conference website ([www.icreu.com/call-for-papers/papers](http://www.icreu.com/call-for-papers/papers)) through online submission. All the selected papers will be published in the conference proceedings. Best papers will be recommended for publishing in Scopus indexed journals.

### BEST PAPER AWARD

The outstanding research papers presented in the ICREU-2020 will be awarded with a cash prize and a citation in the name of Dr. Muhammad Harunur Rashid Awards for Best Paper. In each technical session one research paper will be selected for the final round of the award. The selected authors have to present their research findings in the final round to the high level technical committee. The high level technical committee will finalize the best papers. (For further details please refer the conference website: [www.icreu.com](http://www.icreu.com))

Ist Prize : Rs.10000.00

IInd Prize : Rs.8000.00

IIIrd Prize : Rs.5000.00

### CONFERENCE TOPICS

Major topics but not limited to (for sub topics, please refer conference the website)

- Renewable/Green Energy Sources
- Distributed Power Generation
- Smart Grids/Nano/Micro/Mini Grids
- Power Quality Issues and Mitigation Techniques for RES
- Energy, Environment and Sustainability
- Technological Innovations and Policy Framework for RES
- Next Generation RES Promotion – Village to Country Model
- Smart Transportation and Energy Storage

### IMPORTANT DATES

Full Paper Submission : 6<sup>th</sup> December 2020

Acceptance Notification : 7<sup>th</sup> December 2020

Submission of Camera Ready Copy : 10<sup>th</sup> December 2020

### REGISTRATION FEE

Registration Fee is not collected for this ICREU 2020

### ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING,  
COIMBATORE INSTITUTE OF TECHNOLOGY,  
COIMBATORE – 641 014, TAMILNADU, INDIA

### JOINTLY ORGANIZED WITH

OKLAHOMA STATE UNIVERSITY, STILLWATER, USA

### SUPPORTED BY

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE)  
TEQIP-III, NPIU

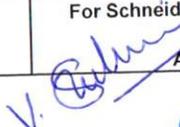
### ORGANIZING COMMITTEE MEMBERS

Chief Patron	:Dr. S.R.K. PRASAD, Correspondent, CIT, Coimbatore
Patron	:1. Mr.S.RAJIV RANGASAMI Director, CIT Institutions, Coimbatore 2. Dr.R.PRABHAKAR Secretary, CIT Institutions, Coimbatore 3. Dr.PAUL TIKALSKY Dean, CEAT, OSU, Stillwater, USA.
International Coordinators	:Dr. R. RAMAKUMAR, Regents Professor, PSO/Albrecht, Neater Professor, Director of Engineering, Energy Lab, OSU, USA
Conference Chairs	:Dr. V. SELLADURAI, Principal, CIT, Coimbatore Dr. JEFFERY L. YOUNG, Professor and Department Head School of Electrical and Computer Engineering, OSU, Stillwater, USA.
Co-Chair	:Dr. S. VASANTHARATHNA, Professor & Head, Department, Department of EEE, CIT, Coimbatore
Organizing Secretary	: Dr. E. CHANDIRA SEKARAN, Professor, Department of EEE, CIT, Coimbatore
Joint Secretaries	: 1.Dr.S.NANDAKUMAR, Assistant Professor, Department of EEE, CIT, Coimbatore 2.Dr . R.RAJALAKSHMI, Assistant Professor, Department of EEE, CIT, Coimbatore 3. Mr.R.CHANDRA SEKARAN, Assistant Professor, Department of EEE, CIT, Coimbatore

### ADDRESS FOR COMMUNICATION

Dr.E. CHANDIRA SEKARAN,  
Organizing Secretary – ICREU-2020,  
Professor,  
L-406, Library Buildings,  
Department of Electrical and Electronics Engineering,  
Coimbatore Institute of Technology, Coimbatore – 641 014, Tamil Nadu, India  
Ph (O): 0422-2574071, 2574072, 2573187  
Mobile: +91-94863 53930, 99941 60342, 96774 12767  
Email: [icreciteee@gmail.com](mailto:icreciteee@gmail.com)  
Web: [www.icreu.com](http://www.icreu.com), [www.cit.edu.in](http://www.cit.edu.in)



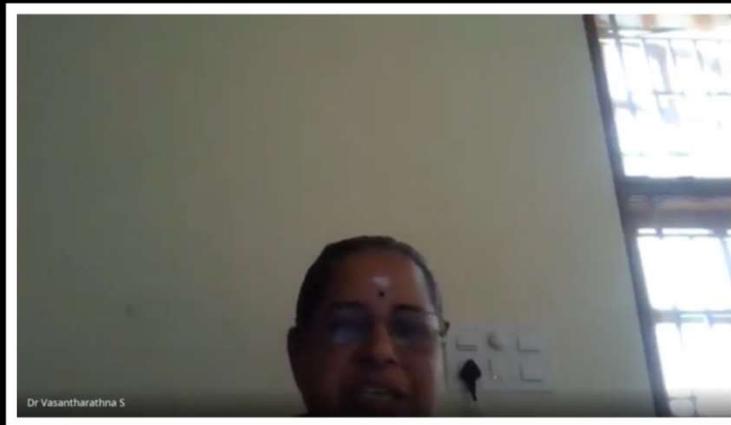
Tax Invoice											Page No. : 1 of 1			
Domestic Supply Invoice										Original for Recipient		R		
IRN Number -										<b>Tax Invoice No: 1235053798</b>		<b>Date: 23.03.2021</b>		
L&T Electrical & Automation (a unit of SEIPL) Switchgear Training Centre # Coonoor Ooty-Coonoor Main Road, Yellanahalli P.O., Nilgiris, Coonoor - 643243 Tamilnadu			GSTIN: 33AABCS1624G2ZT PAN No: AABCS1624G CIN No: U74899DL1995PTC065815 Plant : Coonoor, Branch: CBE Tel: 0423 251 7107 Mob:			<b>Delivery No: /</b> PO No : LT14 - CBE Institute of Technology / Lorry No: Lorry Receipt No : Mode of Transport : From : Tamilnadu To : Tamilnadu			Sales Order / STO: 3012260617 Date					
Customer: 1042207 CUSTOMER AT STC COONOOR  Nilgiris Nilgiris 643243. Tamilnadu (33).			Consignee: 1042207 CUSTOMER AT STC COONOOR  Nilgiris Nilgiris 643243. Tamilnadu (33).			Place Of Supply: 1042207 CUSTOMER AT STC COONOOR  Nilgiris Nilgiris 643243. Tamilnadu (33).								
GSTIN/UIN:			GSTIN/UIN:			GSTIN/UIN:								
Sr no	Material Description Material Part No.	HSN/SAC Code	Quantity UOM	LP/MRP per unit Total Amount in Rs.	Discount % Amount in Rs.	Transaction/ Taxable Value in Rs.	CGST % Amt in Rs.	SGST / UTGST % Amt in Rs.	IGST % Amt in Rs.					
1	TRAINING PROGRAM ON INTRODUCTION TO INDU STCLT14S31700	998399	43 EA	3,000.00 129,000.00	0.00 0.00	129,000.00	9.0 11,610.00	9.0 11,610.00	0.0 0.00					
Notification/Exemption Details:										<b>Amount included in taxable value</b>		<b>Total</b>	129,000.00	
Net Weight:												<b>Net Total</b>		129,000.00
Gross Weight:      Freight : -----      Packaging & Forwarding:      Insurance : -----      Others:												<b>Total GST</b>		23,220.00
Total CGST Tax (in words): INR ELEVEN THOUSAND SIX HUNDRED TEN ONLY												<b>Cess</b>		0.00
Total SGST Tax (in words): INR ELEVEN THOUSAND SIX HUNDRED TEN ONLY												<b>Net Payable</b>		152,220.00
Total Amount (in words): INR ONE LAKH FIFTY TWO THOUSAND TWO HUNDRED TWENTY ONLY														
Delivery Terms: EXW EXWORKS			Payment Terms: 7 days 2% CD on RTGS, 11 days d			Interest Note:								
The company shall not be liable to pay for any Social or Consequential damages of any kind of nature. The company will not be liable in any manner for the issue of or failure in the performance of other equipment to which the product is attached.      " Whether the tax is payable on reverse charge basis: No. "										Date & Time of Issue: 23.03.2021 16:21:51		<b>For Schneider Electric India Private Limited</b>		
Cess (in words): No. of Packages: LUT/Bond No:										Date & Time of Removal:		Authorized Signatory  		

## 4. GUEST LECTURES / TECHNICAL SEMINARS

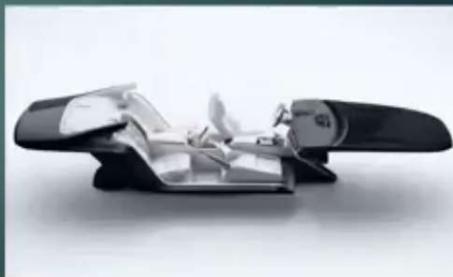
### TOPIC 1 : AUTONOMOUS VEHICLES

- Guest : Our college alumni **Mr. B. Arun Prakash** – Group Manager – Diagnostic Engineering at Volvo Groups North America.
- Participants : 243.
- Venue : Google meet.
- Date : 15/09/2020
- Discussed about recent developments and upcoming projects.

As the automobile sector is frequently being update everyday, there occurs tremendous knowledge and technology transfer inside the sector. One of the greatest advancement that is still being put into test is Autonomous Vehicles. Our alumni explains briefly about what are all the techniques used in the Autonomous vehicles of Volvo groups, one of the most reputed automobile makers across the globe.



# An Introduction to Autonomous Vehicles





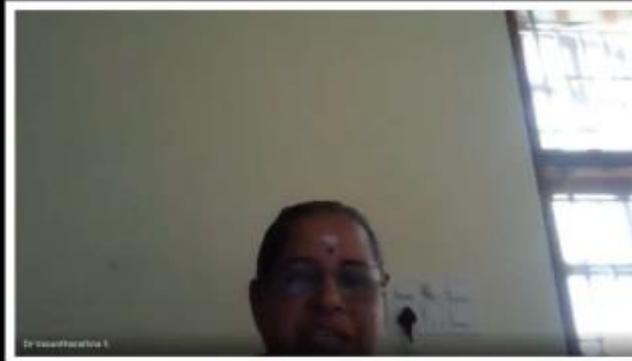
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Total SGST Tax (in words): INR ELEVEN THOUSAND SIX HUNDRED TEN ONLY										Cess (in words):										No. of Packages:		LUT/Bond No:								
For Schneider Electric India Private Limited										Authorized Signatory										V. [Signature]										

#### **4. GUEST LECTURES / TECHNICAL SEMINARS**

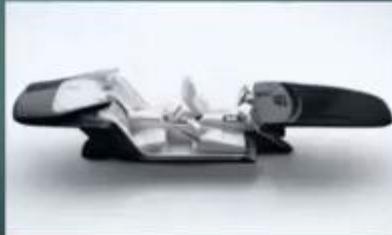
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# An Introduction to Autonomous Vehicles





**Coimbatore Institute of Technology**

(Government Aided Autonomous Institution)

Coimbatore - 641014



**Department of Computer Application**

# BUILDING A CAREER IN THE TECH INDUSTRY

**Registration  
Free**

## RESOURCE PERSONS

**SOMASUNDARAM KUTTALINGAM,**  
Technical Program Manager,  
Google, Dublin, Ireland.

**RAHUL KUZHINIYIL,**  
Network Development Manager,  
Amazon, Dublin, Ireland.

## CONVENOR

**Dr.R.S. SOMASUNDARAM,**  
Professor & Head.

## CO-ORDINATORS

**Dr.L. YAMUNA DEVI,**  
Assistant Professor (S.G).

**Dr.V. SAVITHRI,**  
Assistant Professor.



**Date**

**23-04-2021**

**Time**

**02:30 PM**

**Target Audience:** Final/Pre-Final Year UG and PG Students

**Registration Link:** <https://forms.gle/JbtrWYfrjBUqqBu9>

**E-Certificate will be provided to all the participants**

### Coordinators

Dr.K.Amshakala  
Associate Professor-CSE  
Ms. N.Geetha  
Assistant Professor- IT  
Ms. S.P.Abirami,  
Assistant Professor – CSE  
Ms. S.Nithya  
Assistant Professor – CSE

Department of Computer Science and  
Engineering & Information Technology  
Coimbatore Institute of Technology,  
Coimbatore – 641014, India.

### For Further Information Contact:

Ms.S.P.Abirami  
Department of CSE,  
Coimbatore Institute of Technology,  
Coimbatore – 641014, India.

Mobile: 9790332906  
Email: abirami.sp@cit.edu.in



### Chief Patron

**Dr. S.R.K. Prasad**  
Correspondent,  
Coimbatore Institute of Technology,  
Coimbatore-641014

### Chairman

**Sri.S.Rajiv Rangasami**  
Director,  
Coimbatore Institute of Technology,  
Coimbatore-641014

### Patron

**Dr. R. Prabhakar**  
Professor Emeritus & Secretary  
Coimbatore Institute of Technology,  
Coimbatore-641014

### President

**Dr. V. Selladurai**  
Principal,  
Coimbatore Institute of Technology,  
Coimbatore-641014

Coimbatore-641014

### Convener

**Dr.G.Kousalya**  
Professor and Head,  
Department of CSE,  
Coimbatore Institute of Technology,  
Coimbatore-641014

### **Dr. N.K.Karthikeyan**

Professor and Head,  
Department of IT,  
Coimbatore Institute of Technology,  
Coimbatore-641014

## TEQIP-III Sponsored One Day Webinar On

## SKILL DEVELOPMENT & ENRICHMENT TOWARDS INDUSTRIAL NEEDS

29<sup>th</sup> Aug, 2020



**Organized by**

**Department of  
Computer Science and Engineering  
&  
Information Technology**



**COIMBATORE INSTITUTE OF TECHNOLOGY**

(A Govt. Aided Autonomous Institution Affiliated to  
Anna University, Chennai)  
Coimbatore – 641014.  
Webpage: [www.cit.edu.in](http://www.cit.edu.in)

## ABOUT THE COLLEGE

Coimbatore Institute of Technology is a Government Aided Autonomous Institution started in the year 1956. It is affiliated to Anna University, Chennai. Institute has grown From strength to strength and has become a center for academic and research excellence in various disciplines of Engineering and Technology. The Institute has signed MoU with leading foreign universities such as Bergen University College (Norway), Texas Tech University Lubbock, Texas (USA), Oklahoma State University, Stillwater (USA). Also the institute has tied up for technical knowledge transfer with Multinational hardware and software companies.

## ABOUT THE DEPARTMENT

The department of CSE&IT is committed to academic excellence and aims to provide the students a sound foundation on theory and practice in IT. The department has adequate infrastructure and faculty specialized in all the areas of CSE&IT. The course contents will be handled by faculty members from CIT and guest faculty from premier educational institutions, industries and R& D organizations.

## OBJECTIVE OF THE COURSE

To explore, understand and unleash the power of the building their skills to meet the current corporate need and place them into a dream position for self and societal requirements.

## COURSE CONTENT

- An Overview of Diverse Industries
- Significance of Communication and Presentation skills
- Resume building
- Entrepreneurial skills development
- Need for technical improvisation
- Choosing between opportunities

## RESOURCE PERSON

The course content will be delivered by **Mr. Ramakrishnan (Ram) Parthasarathy, Business Development Manager, Cisco Systems.**



## IMPORTANT DATES

Last Date for Receipt of Application: 28.08.2020 (Register your details and submit the registration form to the organizing committee)

## ELIGIBILITY AND SELECTION

The total in take is restricted to 120 and selection will be based on first come first serve basis. The interested students can fill in their registration form and get it authorized by Senior Tutor and Head of the Department.

- No Registration Fee
- Those willing to participate must complete the registration form and send it to *abirami.sp@cit.edu.in*
- Certificates of participation will be issued only to those who show active participation throughout the session and completes the feed back

## Registration Form

# TEQIP-III Sponsored One Day Webinar On

## SKILL DEVELOPMENT & ENRICHMENT TOWARDS INDUSTRIAL NEEDS

29<sup>th</sup> Aug, 2020

Name :  
Roll Number :  
Department :  
Project :  
Domain/ Title

Mobile No :  
Email Id :

Signature with Date

**Forwarded by the Head of the Department**

Mr./Ms

is authorized to attend the workshop on 29<sup>th</sup> Aug 2020

**Signature of sponsoring authority with seal**

**For Further Information**

**Contact:**

Dr.N.Geetha,  
Department of IT,  
Mobile: +91 9486173961

Ms.S.Sangeetha Mariammal,  
Department of CSE,  
Mobile: +91 8760007050 / 9788455501

Coimbatore Institute of Technology,  
Coimbatore – 641014, India.

Email: [ngcworkshopsecit@gmail.com](mailto:ngcworkshopsecit@gmail.com)



**Chief Patron** : Dr. S.R.K. Prasad  
Correspondent, CIT

**Patron** : Mr.S.Rajiv Rangasami,  
Director, CIT

**President** : Dr. R. Prabhakar  
Secretary, CIT

**Chairman** : Dr. V. Selladurai  
Principal, CIT

**Convener** : Dr.G.Kousalya,  
Professor and Head,  
Department of CSE,  
Dr.N.Karthikeyan,  
Professor and Head,  
Department of IT,  
CIT.

**Co-ordinator**

Dr.M.Mohanapriya ,  
Associate Professor, CSE, CIT

**Organizing Committee**

Dr.N.Geetha,  
Assistant Professor, IT, CIT

Ms.S.Sangeetha Mariammal,  
Assistant Professor, CSE, CIT

Ms.G.Thilagavathi,  
Assistant Professor, IT, CIT

**TEQIP III Sponsored  
FIVE DAYS ONLINE FDP  
on  
Problem Solving with Data  
Science: Tools and  
Techniques**

**22<sup>nd</sup> March –26<sup>th</sup> March 2021**



**Organized by**



**Department of Computer Science and  
Engineering & Department of  
Information Technology**

**Coimbatore Institute of Technology**

**(A Govt. Aided Autonomous Institution  
Affiliated to Anna University, Chennai)  
Coimbatore – 641014.  
Tamil Nadu, India.**

## ABOUT THE COLLEGE

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy. COIMBATORE INSTITUTE OF TECHNOLOGY, popularly known as CIT was established in 1956 with Shri P.R.Ramakrishnan, an alumnus of MIT USA, as the founder Principal. The Institute has grown from strength to strength and attained autonomous status in 1987. The Institute, affiliated to the Anna University, offers Bachelor's, Master's and Doctoral programme in various disciplines. The institute has signed MOUs with various foreign universities and MNCs around the world for faculty exchange programme, student sponsorship and research collaborations.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering and the Department of Information Technology are committed to academic excellence & aims to provide the students a sound foundation on theory and practice in Computer Science & Engineering and expose them to the forefront of the developments in the field of computing. The Department is equipped with state of the art facilities to explore the technological challenges in various areas such as High Performance Computing, Cloud Computing, Mobile computing and Wireless Networks, Data & Web Mining, Web Semantics, Analytics, Artificial Intelligence.

## OVERVIEW OF THE PROGRAMME

Data Science is primarily used to make decisions and predictions making use of predictive causal analytics, prescriptive analytics (predictive plus decision science) and machine learning. The objective of the workshop is to equip the academicians and Industry people about the tools and techniques in data science to enhance their problem solving skills. **The topics to be covered in the FDP are Overview of Data Science, Machine Learning Algorithms, Hands on sessions for Data Science with python and Data Science with R, Big Data-Hadoop and Spark, No SQL for Big Data and Data visualization with tableau.**

## RESOURCE PERSONS

The course content will be delivered from a pool of experts from NIT and other TEQIP sponsored institutions.

## INSTRUCTIONS

Number of Participants for the course is limited to 60. Registration would be confirmed on a first-come-first-serve basis. It is mandatory for the participants to have computers with good internet connectivity.

**The participants can register for the FDP using the following link:**

<https://forms.gle/sVX22wUFjFpjFESj7>

## Registration Form

### TEQIP III Sponsored FIVE DAYS ONLINE FDP

on

### Problem Solving with Data Science: Tools and Techniques

22<sup>nd</sup> March – 26<sup>th</sup> March 2021

Name :

Designation :

Department :

Organization :

Mobile No :

Email Id :

Signature with Date

**Forwarded by the Head of the  
Department/Institution**  
Mr./Ms \_\_\_\_\_

is a faculty in our institution and he/ she is  
permitted to attend the workshop from  
22<sup>nd</sup> March – 26<sup>th</sup> March 2021

Signature of sponsoring authority with seal.

## ORGANIZING COMMITTEE

### Coordinators

Dr. M.Sangeetha, Associate Professor

Dr. E.Arul, IIC Ambassador

### Organizing Committee

Ms. A.Punidha,

Assistant Professor

Department of Computer Science and Engineering & Information Technology,

Coimbatore Institute of Technology,

Coimbatore – 641014, India.

### For Further Information Contact:

Ms. A.Punidha

Assistant Professor Department of CSE,

Coimbatore Institute of Technology,

Coimbatore – 641014, India.

Mobile: 7373484184

Email: cititdept2020@gmail.com

## ABOUT CIT

CIT is a Government Aided Autonomous Institution founded in the year 1956. It is affiliated with Anna University, Chennai. The institution has grown from strength to strength is recognised as a center for academic and research excellence in various disciplines in Engineering and Technology. CIT has signed MoU with leading International universities such as Bergen University College (Norway), Texas Tech University Lubbock, (USA), Oklahoma State University, (USA). In addition, CIT has several tie-ups with Multinational hardware and software companies for technical knowledge transfer

## ABOUT THE DEPARTMENT OF IT

The department of Information Technology (IT) is committed to academic excellence and aims to provide students a sound foundation on theory and practice in IT. The department has excellent infrastructure and faculty specialized in various areas of IT. Our courses are delivered by a range of experts including the faculty at CIT, guest lecturers from premier institutions, industries and R&D organisations.

## REGISTRATION

**Who can attend:** Faculty from various Universities/ Institutions professionals from industry, scientists and engineers from R&D organizations and PhD students are welcome to apply . The participants can register online.

\*\*\*\*\*No Registration Fees\*\*\*\*\*

**Link for registration:**

<https://forms.gle/QjXzMe9oHNc3RLHv5>

OR

Scan Here to Register



### Please note:

\*Complete your registrations on or before 10<sup>th</sup> August, 2020.

\*Online meeting link will be provided through WhatsApp/Email.

\*The number of participants will be limited.

\***Certificates will be issued for the participants.**



**Two Days International  
Online Faculty  
Development Program**

TEQIP-III



On

**“Recent Research Trends in  
Engineering”**

12<sup>th</sup> & 13<sup>th</sup> August, 2020



*Organized by  
Department of Information Technology*

**COIMBATORE INSTITUTE OF TECHNOLOGY  
Coimbatore**

(A Govt. Aided Autonomous Institution Affiliated to

Anna University, Chennai)

Coimbatore – 641014

Webpage: [www.cit.edu.in](http://www.cit.edu.in)

## RESOURCE PERSONS



**Dr S. S. Prabhu, DCMPPMS**  
Tata Institute of Fundamental  
Research.



**Dr Venkat Bakthavatchalam**  
University of the West of England,  
UK

## PROGRAM SCHEDULE

Date & Day	Time	Topic	Resource Person
12 <sup>th</sup> August 2020	10:00 AM –12:00 PM	Embedding Sustainable Development Goals in Engineering Curriculum: Challenges and Opportunities	<b>Dr Venkat Bakthavatchalam</b> University of the West of England, UK
	02:00 PM-04:00 PM		
13 <sup>th</sup> August 2020	5:00 PM – 6:30 PM	Writing Research Proposal & IPR	<b>Dr. S.S.Prabhu, DCMPPMS</b> Tata Institute of Fundamental Research.
	02:00 PM-04:00 PM		

## ORGANIZING COMMITTEE

### Chief Patron

**Dr.S.R.K.Prasad**

Correspondent,  
Coimbatore Institute of  
Technology, Coimbatore-  
641014

### Patron

**Mr.S.RajivRangasami**,M.Sc.,MBA (UMASSD USA)

Director,  
Coimbatore Institute of Technology,  
Coimbatore-641014

### President

**Dr.R.Prabhakar**

Professor Emeritus & Secretary  
Coimbatore Institute of Technology,  
Coimbatore-14

### Chairman

**Dr.V.Selladurai**

Principal,  
Coimbatore Institute of Technology,  
Coimbatore-14

### Convener

**Dr.G.Kousalya**

Professor and Head,  
Department of CSE,

**Dr.N.K.Karthikeyan**

Professor and Head,  
Department of IT,

### Coordinator

**Dr.A.Kunthavai**, Professor / CSE

### Organizing Committee

**Dr.M.Sangeetha**, Associate Professor / IT

Mobile: 97151 47143

**Ms.S.Rajasree**, Assistant Professor / IT

Mobile:9566621899

**Ms.A.Punidha**, Assistant Professor / CSE

Mobile: 7373484184

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TEQIP III

TEQIP-III

Sponsored Five Days

ONLINE

Faculty Development

Program On

**“Scalable Machine Learning on  
Big Data”**

**15<sup>th</sup> to 19<sup>th</sup> March, 2021**



*Organized by*  
**Department of Computer Science and Engineering &  
Information Technology**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**Coimbatore- 641014**

(A Govt. Aided Autonomous Institution Affiliated to

Anna University, Chennai)

Coimbatore-641014

Webpage: [www.cit.edu.in](http://www.cit.edu.in)

## COURSE OBJECTIVE

To empower with the skills to scale data science and machine learning (ML) tasks on Big Data sets using state of the art tools such as Apache Spark.

## COURSE OUTCOME

Practical understanding of state of the art analytics engines such as Apache Spark, and apply it to solve machine learning problems involving both small and big data.

Understand how parallel code is written, capable of running on thousands of CPUs.

## FDP COURSE CONTENT

- **Hadoop and Big Data Analytics**
- **Supervised and Unsupervised learning with SparkML**
- **Deep Learning with Apache Spark**
- **Big Data on AWS**
- **Research Issues and Case Studies in Big Data Analytics**

### Please note:

- ❖ Online meeting link will be provided through WhatsApp/Email.
- ❖ The number of participants will be limited.
- ❖ Shortlisted candidates will be informed through their email.
- ❖ On completion of the course an objective/quiz based assessment of all participants will done.

## RESOURCE PERSON

- Dr. E. Siva Sankar, Assistant Professor, NIT Trichy
- Nabarun Bhattacharyya, Senior Director & Centre Head at CDAC, Kolkata
- Mr. Kangeyan, Senior Vice President at Payoda Technology Inc, IIM, Bengaluru.
- Dr. N. Jayanthi, Delhi Technological University, Delhi.
- Prof. (Dr.) Muruganantham Ponnusamy, Deputy Registrar, Indian Institute of Information Technology Kalyani, West Bengal.
- Dr. Rahul Katarya, Delhi Technological University, Delhi.  
And other eminent speakers from academia and industry.

## ELIGIBILITY AND SELECTION

Faculty from CIT and from outside colleges is eligible to participate in the short term course. The total in take is restricted to 30 and selection will be based on first come first serve basis.

### Important Dates:

- ❖ **Last Date for Submission: 11<sup>th</sup> March, 2021.**
- ❖ **Intimation of Selection: 13<sup>th</sup> March 2021.**
- ❖ **\*\*\*\*\*No Registration Fees\*\*\*\*\***

## REGISTRATION

### TEQIP –III Sponsored Five Days Faculty Development Program

on  
**SCALABLE MACHINE LEARNING ON BIG DATA**

**15<sup>th</sup> to 19<sup>st</sup> March, 2021**

Name :

Designation :

Department :

Organization :

Mobile No :

Email Id :

Signature with Date

**Link for registration:**

<https://forms.gle/DAPdHnTnD8GSWq2h6>

OR

Scan Here to Register



## ABOUT THE INSTITUTION

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established COIMBATORE INSTITUTE OF TECHNOLOGY, popularly known as CIT in 1956 with S hri P.R.Ramakrishnan, an alumnus of MIT USA, as the founder Principal. The Institute has grown from strength to strength and attained autonomous status in 1987. Currently Dr.S.R.K.Prasad is the Correspondent and Mr.S. Rajiv Rangasami is the Director. The Institute, affiliated to the Anna University, Chennai offers Bachelor's, Master's and Doctoral programmes in various disciplines. The institute has signed MOUs with various foreign universities and MNCs around the world for faculty exchange.

## ABOUT THE DEPARTMENT

Mathematics department is one of the most active departments with faculty strength of nineteen. The department was established in the year 1956, the year of establishment of the institute. The department caters to all the mathematical needs of the institute. It offers courses for all the UG, PG and research programs in the field of Mathematics, Science and Humanities. The department holds research programs leading to Ph.D in Mathematical Sciences, Engineering Sciences and Applied Sciences.

## OBJECTIVE OF THE PROGRAMME

Machine Learning (ML) can describe statistical and numerical methods which underpin modern algorithms for detecting patterns and inference. This workshop introduces fundamental concepts of mathematics in machine learning. It covers an overview of machine learning algorithms and their applications towards mathematics.

## ORGANIZING COMMITTEE

Chief Patron

**Dr. S.R.K. Prasad**

Correspondent

Coimbatore Institute of Technology

Patron

**Mr. S. Rajiv Rangasami**

Director

Coimbatore Institute of Technology

Co-Patron

**Dr. R. Prabhakar**

Secretary

Coimbatore Institute of Technology

President

**Dr. V. Selladurai**

Principal

Coimbatore Institute of Technology

Convener

**Dr. N. Nagaveni**

Professor & Head,

Department of Mathematics

Coimbatore Institute of Technology

Co-ordinators

**Dr. K.Ganesamoorthy**

**Dr. R.Prabakaran**

Assistant Professors

Department of Mathematics

Coimbatore Institute of Technology



**Coimbatore Institute of Technology**

(Government Aided Autonomous Institution,  
Affiliated to Anna University - Chennai)

**Coimbatore - 641014**

**ONE DAY WORKSHOP  
ON  
MATHEMATICS FOR MACHINE LEARNING**

**(ONLINE)**

**20.03.2021**

Sponsored by

**TEQIP III**

Organized by

**Department of Mathematics**

Coimbatore Institute of Technology  
(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)  
Coimbatore - 641014, Tamil Nadu, India.

**[www.cit.edu.in](http://www.cit.edu.in)**



TEQIP-III Sponsored  
**ONE DAY WORKSHOP ON MATHEMATICS FOR MACHINE LEARNING  
(ONLINE)**

**NPIU**

**20.03.2021**

**TEQIP III**

**Registration Procedure:**

- \*No Registration fee.
- \* Registration would be confirmed on a first-come-first serve basis.
- \*Interested participants are requested to register through the following Google form link on or before 19-03-2021.

**Registration Link:**

<https://forms.gle/hgWU711AH2skguD89>

- \*Number of participants is limited to 50.
- \*Selected participants will be intimated through E-Mail by March 19, 2021.
- \* E-Certificate will be provided for the active participants, after submission of the Feedback.

## ABOUT THE INSTITUTION

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established COIMBATORE INSTITUTE OF TECHNOLOGY, popularly known as CIT in 1956 with S hri P.R.Ramakrishnan, an alumnus of MIT USA, as the founder Principal. The Institute has grown from strength to strength and attained autonomous status in 1987. Currently Dr.S.R.K.Prasad is the Correspondent and Mr.S. Rajiv Rangasami is the Director. The Institute, affiliated to the Anna University, Chennai offers Bachelor's, Master's and Doctoral programmes in various disciplines. The institute has signed MOUs with various foreign universities and MNCs around the world for faculty exchange.

## ABOUT THE DEPARTMENT

Mathematics department is one of the most active departments with faculty strength of nineteen. The department was established in the year 1956, the year of establishment of the institute. The department caters to all the mathematical needs of the institute. It offers courses for all the UG, PG and research programs in the field of Mathematics, Science and Humanities. The department holds research programs leading to Ph.D in Mathematical Sciences, Engineering Sciences and Applied Sciences.

## OBJECTIVE OF THE PROGRAMME

The primary focus of the Two days FDP on Applications of Statistics in Data Analysis is to acquaint the participants with the fundamental concepts and Applications of Statistical techniques in Data Analysis. This course will provide a platform to discuss the usage of Statistical concepts in finding the solution of the day to day complex problems in Science , Engineering and other research oriented fields.

## ORGANIZING COMMITTEE

Chief Patron

**Dr. S.R.K. Prasad**

Correspondent

Coimbatore Institute of Technology

Patron

**Mr. S. Rajiv Rangasami**

Director

Coimbatore Institute of Technology

Co-Patron

**Dr. R. Prabhakar**

Secretary

Coimbatore Institute of Technology

President

**Dr. V. Selladurai**

Principal

Coimbatore Institute of Technology

Convener

**Dr. N. Nagaveni**

Professor & Head

Department of Mathematics

Coimbatore Institute of Technology

Co-ordinators

**Dr. S.Jayasri**

**Dr. S.Sangeethamani**

**Mr. M.Murugan**

Assistant Professors

Department of Mathematics

Coimbatore Institute of Technology



**Coimbatore Institute of Technology**

(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)

**Coimbatore - 641014**

**TWO DAYS**

**FACULTY DEVELOPMENT PROGRAMME**

**ON**

**APPLICATIONS OF STATISTICS**

**IN**

**DATA ANALYSIS**

**(ONLINE)**

**17.03.2021-18.03.2021**

Sponsored by

**TEQIP III**

Organized by

**Department of Mathematics**

Coimbatore Institute of Technology

(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)

Coimbatore - 641014, Tamil Nadu, India.

**www.cit.edu.in**



TEQIP-III Sponsored

NPIU

**TWO DAYS FDP ON APPLICATIONS OF STATISTICS IN DATA ANALYSIS**

(ONLINE)

**17.03.2021 - 18.03.2021**

TEQIP III

**Resource Persons:**

- ❖ Dr. L. MARY LOUIS  
Professor  
Department of Mathematics  
Kumaraguru College of Liberal Arts & Science (KCLAS)  
Saravanampatti, Coimbatore - 641 035.
- ❖ Dr. P. JOHN ROBINSON  
Assistant Professor  
PG & Research Department of Mathematics  
Bishop Heber College (Autonomous)  
Tiruchirappalli - 620 017.
- ❖ Dr.B.ARUNKUMAR  
Assistant Professor  
Department of Social Work  
Bishop Heber College (Autonomous)  
Tiruchirappalli - 620 017.
- ❖ Dr.MD AKSAM V K  
Data Scientist  
Cyber Security Works  
Chennai.



TEQIP-III Sponsored

**NPIU**

**TWO DAYS FACULTY DEVELOPMENT PROGRAMME ON APPLICATIONS OF STATISTICS  
IN  
DATA ANALYSIS  
(ONLINE)**

**TEQIP III**

**17.03.2021 - 18.03.2021**

**Registration Procedure:**

\*No Registration fee .

\*Registration would be confirmed on a first-come-first serve basis.

\*Interested participants are requested to register through the following Google form link on or before 16-03-2021.

**REGISTRATION LINK:**

**<https://forms.gle/puGdCVUJDEqVLY8w8>**

\*Number of participants is limited to 50.

\*Selected participants will be intimated through E-Mail by March 16, 2021.

\*E-Certificate will be provided for the active participants, after submission of the Feedback.

**For Further Information**

**Contact:**

Mr.M.Murugan, Assistant Professor, Department of Mathematics, Coimbatore Institute of Technology, Coimbatore-641014.

Mobile Number: 9047435896, Email: murugan.m@cit.edu.in

## ABOUT THE INSTITUTION

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## OBJECTIVE OF THE PROGRAMME

The main objective of this programme to raise awareness among people about the importance of Mathematics for the development of humanity and also to provide highlights the development, production and dissemination of teaching-learning materials for Mathematics and research.

## ORGANIZING COMMITTEE

Chief Patron

**Dr. S.R.K. Prasad**

Correspondent

Coimbatore Institute of Technology

Patron

**Mr. S. Rajiv Rangasami**

Director

Coimbatore Institute of Technology

Co-Patron

**Dr. R. Prabhakar**

Secretary

Coimbatore Institute of Technology

President

**Dr. V. Selladurai**

Principal

Coimbatore Institute of Technology

Convener

**Dr. N. Nagaveni**

Professor & Head,

Department of Mathematics

Coimbatore Institute of Technology

Co-ordinators

**Dr. R.Prabakaran**

**Dr. R.Lavanya**

Assistant Professors

Department of Mathematics

Coimbatore Institute of Technology



**Coimbatore Institute of Technology**

(Government Aided Autonomous Institution,  
Affiliated to Anna University - Chennai)

**Coimbatore - 641014**

**ONE DAY WORKSHOP  
ON  
ROLE OF MATHEMATICS IN SOCIETY**

**(ONLINE)**

**15.03.2021**

Sponsored by

**TEQIP III**

Organized by

**Department of Mathematics**

Coimbatore Institute of Technology  
(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)  
Coimbatore - 641014, Tamil Nadu, India.  
[www.cit.edu.in](http://www.cit.edu.in)



TEQIP-III Sponsored  
**ONE DAY WORKSHOP ON ROLE OF MATHEMATICS IN SOCIETY  
(ONLINE)**

**15.03.2021**

**NPIU**

**TEQIP III**

**Resource Persons:**

- ❖ Dr.M.Haridass  
Professor  
Department of Mathematics  
PSG College of Technology , Coimbatore - 641 004.
  
- ❖ Dr. L. Shangerganesh  
Assistant Professor of Mathematics  
Department of Applied Sciences  
National Institute of Technology, Goa - 403 401.

**Registration Procedure:**

\*No Registration fee.

\* Registration would be confirmed on a first-come-first serve basis.

\*Interested participants are requested to register through the following Google form link on or before 14-03-2021.

**REGISTRATION LINK:**

<https://forms.gle/M8bUUfG22fd6wXE78>

\*Number of participants is limited to 50.

\*Selected participants will be intimated through E-Mail by March 14, 2021.

\* E-Certificate will be provided for the active participants, after submission of the Feedback.

## ORGANISING COMMITTEE

Chief Patrons

**Dr. S. R. K. PRASAD,**

Correspondent,  
CIT Institutions.

Patron

**Mr. S. RAJIV RANGASAMI,**

Director,  
CIT Institutions.

Co-Patron

**Dr. R. PRABHAKAR,**

Professor Emeritus & Secretary,  
CIT Institutions.

President

**Dr. V. SELLADURAI,**

Principal, CIT Institutions.

Convenor

**Dr. N. NAGAVENI,**

Professor & Head, Co-ordinator,  
Department of Mathematics, CIT

Co-ordinators and Organizers

**Dr. S. DAYANA MARY,**

Assistant Professor,  
Department of Mathematics, CIT

**Ms. I. PRIYANKA,**

Assistant Professor,  
Department of Mathematics, CIT

## ABOUT THE INSTITUTION

The V. Rangasamy Naidu educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established COIMBATORE INSTITUTE OF TECHNOLOGY, popularly known as CIT in 1956 with Shri. P.R Ramakrishnan, an alumnus of MIT USA, as the founder Principal. The institute has grown from strength to strength and attained autonomous status in 1987. Currently Dr. S. R. K. Prasad is the Correspondent and Mr. S. Rajiv Rangasami is the Director. The institute, affiliated to the Anna University, offers Bachelor's, Master's and Doctoral programmes in various disciplines. The institute has signed MOUs with various foreign universities and MNCs around the world for faculty exchange programmes, student sponsorship and research collaborations. The college celebrated its golden jubilee in the year 2006 with Dr. A.P.J Abdul Kalam, the then President of India as the guest of honour.



**TEQIP - III Sponsored**

Two Day Online  
**Faculty Development Programme**

On

**SCIENTIFIC RESEARCH  
ON TOPOLOGY**



**March 22<sup>nd</sup> and 23<sup>rd</sup>, 2021**

**Organised by**

**DEPARTMENT OF MATHEMATICS**

**COIMBATORE INSTITUTE OF  
TECHNOLOGY**

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai)

Coimbatore – 641 014, Tamil Nadu.

Tel: 0422 – 2574071, 2574072

[www.cit.edu.in](http://www.cit.edu.in)

## **ABOUT THE DEPARTMENT**

The Department of Mathematics was established in the year 1956 since the inception of our college, which offers engineering mathematics for all undergraduate and postgraduate programmes. The Department has a team of well qualified faculty members with excellent academic records in various fields of specializations like Topology, Graph Theory, Queuing Theory, Reliability, Fluid Dynamics, Probabilities and Statistics. The Department continuously hosting several national and international level technical events throughout the year. The mission of the Department is to equip the students with power of reasoning and mathematical and conceptual knowledge which would enable them to model and solve industry-related problems.

## **THEME OF THE FDP**

The aim of the FDP is to systematically expose various aspects of topological applications. The participants will have common learning interest but with diversified backgrounds and knowledge,

thereby bringing in a wide range of expertise to motivate the participant's interest in the field, so more quality research can be carried out.

## **ELIGIBILITY**

All the Faculty members and Research Scholars from the AICTE approved institution in the field of Mathematics, Science and Engineering.

## **REGISTRATION**

Those who are willing to participate must register through the following google form link.

Registration link:

<https://forms.gle/2QwVoTB8UyrknjUG8>

**\*No Registration fee required.**

## **IMPORTANT DATES**

Last Date for the Registration : 19.03.2021  
Intimation about selection  
of Participants : 20.03.2021

E-Certificates will be provided to the active participants.

## **INSTRUCTION**

The total intake is restricted to 50 and selection will be based on First Come First Serve Basis.

Online meeting link for each session will be sent to the selected candidates through E-mail.

## **RESOURCE PERSONS**

Eminent Professors and Researchers from reputed academic and research institutions.

## **COURSE OUTCOME**

Empower the participants to employ advanced math and science techniques to enrich their research skill in various Topologies.

For Further queries, kindly contact

Dr. S. Dayana Mary  
Contact: 78456 29636  
E-mail: [sdayanamary@cit.edu.in](mailto:sdayanamary@cit.edu.in)

Ms. I. Priyanka  
Contact: 78719 91892  
E-mail: [priyanka.i@cit.edu.in](mailto:priyanka.i@cit.edu.in)

## ABOUT THE INSTITUTION

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## OBJECTIVE OF THE PROGRAMME

The primary focus of this seminar is to inculcate the fundamental and recent research concepts of Differential Equations that are vital for the study of engineering subjects to the faculty & research scholars with real time exposure.

## ORGANIZING COMMITTEE

Chief Patron  
**Dr. S.R.K. Prasad**  
Correspondent  
Coimbatore Institute of Technology

Patron  
**Mr. S. Rajiv Rangasami**  
Director  
Coimbatore Institute of Technology

Co-Patron  
**Dr. R. Prabhakar**  
Secretary  
Coimbatore Institute of Technology

President  
**Dr. V. Selladurai**  
Principal  
Coimbatore Institute of Technology

Convener  
**Dr. N. Nagaveni**  
Professor & Head,  
Department of Mathematics  
Coimbatore Institute of Technology

Co-ordinators  
**Dr. R.Lavanya**  
**Dr. K.Ganesamoorthy**  
Assistant Professors  
Department of Mathematics  
Coimbatore Institute of Technology



## Coimbatore Institute of Technology

(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)

Coimbatore - 641014.

## One Day Seminar on Applications of Differential Equations

(ONLINE)

12.03.2021

Sponsored By

TEQIP III

Organized by

**Department of Mathematics**

Coimbatore Institute of Technology

(Government Aided Autonomous Institution  
Affiliated to Anna University - Chennai)

Coimbatore - 641014. Tamil Nadu, India.

[www.cit.edu.in](http://www.cit.edu.in)



**TEQIP-III Sponsored**  
**One Day Seminar on Applications of Differential Equations**  
**(ONLINE)**

**Registration Procedure:**

- \*No Registration fee will be collected.
- \* Registration would be confirmed on a first-come-first serve basis.
- \*Interested participants are requested to register through the following Google form link on or before 11-03-2021.

**REGISTRATION LINK:**

<https://forms.gle/sWF93zMKtBSu678K7>

- \*Number of participants is limited to 50.
- \*Selected participants will be intimated through E-Mail by March 11, 2021.
- \* E-Certificate will be provided for the active participants, after submission of the Feedback.

## REGISTRATION FORM

UGC Sponsored Two Days National Level Workshop  
on  
**MACHINE LEARNING TECHNIQUES**  
JANUARY 3 – 4, 2020

Name :  
Academician/  
Research Scholar/  
Industry :  
Designation :  
Department :  
Organization :  
Postal Address :  
Email Address :  
Mobile :

### DECLARATION

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course for the entire duration. I also undertake the responsibility to inform the coordinator in advance, in case I am unable to attend the course.

Place :

Date :

Signature of the applicant

## REGISTRATION

All the participants should submit the Google Form along with the scanned registration form dully forwarded by their head of the Institution/ Organization to the mail address [mcacit@cit.edu.in](mailto:mcacit@cit.edu.in). Hard copy of the filled-in registration form to be submitted at the time of registration.

### IMPORTANT DATES

Receipt of Filled-in Form: On or before 30.12.19  
Selection Intimation : 31.12.19

### PERMISSION

This is to certify that .....  
..... is a regular employee/scholar of our Institution /Organization and is hereby permitted to attend the UGC sponsored **Two Days National Level Workshop on Machine Learning Techniques** at Coimbatore Institute of Technology, Coimbatore during Jan 3 – 4, 2020. He / She will be permitted to attend the workshop for the entire duration if got selected.

Place:

Date :

Signature with seal  
Head of the Institution / Organization



Sponsored Two days National Level Workshop  
on  
**Machine Learning Techniques**  
January 3– 4, 2020

Organized by

**DEPARTMENT OF COMPUTER APPLICATIONS**



**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(Government Aided Autonomous Institution)  
Coimbatore-641014  
Phone : (0422)2574071 & 2574072  
FAX :(0422)2573187

[www.cit.edu.in](http://www.cit.edu.in)

## **INSTITUTION PROFILE**

Coimbatore Institute of Technology, popularly known as CIT, was started in 1956 by Shri.V. Rangasamy Naidu Trust with Shri P.R.Ramakrishnan, an alumnus of MIT, USA, as the founder Principal. Presently CIT is continuing its excellence in educational service under the aegis leadership of Dr.S.R.K.Prasad as the Correspondent and Shri.S.Rajiv Rangasami as the Director. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. The Institute offers under graduate, post graduate and Ph.D programs with a global standard curriculum promoting the students to compete internationally. The institute has collaborated with leading frontier universities and industries in abroad for the promotion of innovative engineering ideas.

## **DEPARTMENT PROFILE**

The Department of Computer Applications is one of the most vibrant departments in CIT with its committed and well experienced faculty members and motivated students. The Master of Computer Applications (M.C.A.) programme is being offered by the department from 1994.

The programme is well conceived to train graduates from the Sciences, Arts and Humanities stream in the discipline of Computer Science and Applications.

Graduates in Computer Science and Applications can directly join in the second year M.C.A through lateral entry scheme.

## **OBJECTIVES**

Artificial Intelligence (AI), Data Science (DS), and Machine Learning (ML) are the pillars of the Fourth Industrial Revolution or what is commonly known as Industry 4.0. Machine Learning is the science of getting computers to act without being explicitly programmed.

This workshop provides an introduction to machine learning and algorithms with hands-on session. Participants will develop a basic understanding of the principles of machine learning and derive practical solutions for real world applications.

## **RESOURCE PERSONS**

The sessions will be handled by well qualified and experienced faculty from prominent institutions and experts from Industries in India.

### **Highlights**

\*Hands-on using Python, Pandas, Keras, Tensorflow and PyTorch.

## **ORGANIZING COMMITTEE**

### **Chief Patron**

Dr. S.R.K. Prasad  
Correspondent  
Coimbatore Institute of Technology

### **Patron**

Mr. S. Rajiv Rangasami  
Director  
Coimbatore Institute of Technology

### **Co-Patron**

Dr. R. Prabhakar  
Secretary  
Coimbatore Institute of Technology

### **Chairman**

Dr. V. Selladurai  
Principal  
Coimbatore Institute of Technology

### **Organizing Secretary**

Dr. R.S. Somasundaram,  
Professor & Head  
Department of Computer Applications  
Coimbatore Institute of Technology

### **Co-ordinators**

Dr. J.Shana, Associate Professor  
Ms..L.YamunaDevi, Assistant Professor (Sr.Gr.)

### **Organizing Committee Members**

Ms. A.G.Aruna, Assistant Professor  
Ms. V.Vishu, Assistant Professor  
Mail to : mcacit@cit.edu.in

Department of Computer Applications  
Coimbatore Institute of Technology  
Civil Aerodrome Post  
Coimbatore - 641 014

**COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTING  
ASSOCIATION ACTIVITY**

**“HOW TO PLAN FOR A START-UP AND LEGAL & ETHICAL STEPS INVOLVED”**

Resource Person : Mr.Vasudevan Chinnathambi  
Co-founder, Ninjacart,  
Bangalore

The resource person started about how one should bring out ideas from a problem. The idea should be a solution for an existing problem for the start-up to be successful. He also stated about the hard truths that persists that a to-be entrepreneur should be ready to accept. One may not be 100% ready anytime, successive progression is more important.

He insisted that while choosing the co-founders one could keep in mind that whether the both will get along well because people cannot spend their whole work-life together with a person who has different opinions which will result in ruining the start up. He also stated that choosing the co-founders, first 20 employees and the first 100 customers would be the spotlight because this would become the basement that supports the firm in the future. One should keep in mind that the talent density in a firm should be always high so that the firm can come up with innovative and efficient solutions. This would cause the firm to spend more time in hiring up new talents but that is absolutely fine and also he added that a person would be fired immediately if he/she doesn't have the potential. Hiring up fresh talents from the college would be the go-to thing over hiring experts with years of experience because not only it will help you manage your financial resources but also their spirit to achieve will keep the firm to achieve great, greater and the greatest heights.

While speaking about how a person with entrepreneurial spirit could utilise his college life, Mr.Vasudevan Chinnathambi suggested that the student should concentrate on four major things. The first one is reading books. These days reading books have gone out of trend due to the familiarity of internet related stuffs but reading book will improve the person's approach towards life. The second one is communication which is a vital thing in a startup because a person who is

not good at communicating will not be able to make people understand what he wants them to know. The last one is their technical skill especially on the financial aspect. The resource person suggested knowing MS excel(reports) will be great to understand how the company performs. The last one is discipline. A good discipline will help an individual to reach and sustain under demanding situations. Moreover these four things are not just things or factors, in fact the speaker wants to make them as their habit because smaller steps make things easier and better.



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



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)

## DEPARTMENT OF COMPUTING

INVITES YOU FOR A SESSION ON

How to plan for a Startup and Legal & Ethical steps involved

**RESOURCE PERSON**



**MR. VASUDEVAN CHINNATHAMBI**  
**CO-FOUNDER - NINJACART**

**ALL ARE INVITED**



**DATE**  
28TH - APRIL - 2021



**TIME**  
11:00 AM - 12:00 PM



**VIDEO CALL LINK | GOOGLE MEET**  
<https://meet.google.com/wzw-xaft-xex>  
**STREAM LINK:** <https://bit.ly/3sPkexJ>

**Coimbatore institute of Technology**  
**Coimbatore – 14**  
**Department of Computing – AI & ML**  
**Webinar on IT Trends**

The Department of Computing AI & ML organised a webinar on 17.12.2020 on the topic “IT Trends” and Mr. Stalin Gino was invited as the resource person for the webinar. Mr. Stalin shared his expertise in the IT Field and the booming technologies that are on high demand. Around 65 students attended the webinar.



**COIMBATORE INSTITUTE OF TECHNOLOGY DEPARTMENT  
OF COMPUTING  
(M.Sc. SS/DS/DCS/AIML)  
COIMBATORE, INDIA**

**STUDENTS' VIRTUAL INDUCTION PROGRAMME**

**NOVEMBER 16th TO 22nd, 2020**

**SUMMARY AND REPORT**



**NOVEMBER 2020**

## **DAY 1**

### **SESSION 1**

16 – 11 – 2020 (MONDAY) (10am to 11am)

The TEQIP sponsored students' induction programme for the academic year 2020-21 commenced on November 16<sup>th</sup>, 2020 at 10am. It was addressed by the Principal of CIT institutions Dr.V.Selladurai. His words were completely motivating the first year students in terms of knowledge and wisdom. Secondly the heads of the department of computing and their kind words triggered the freshers to feel happy about joining M.Sc courses at CIT.

### **SESSION 2**

16 – 11 – 2020 (MONDAY) (12pm to 1pm)

The very first day was then specially addressed by the Secretary of CIT institutions and his words were really notable for the freshers of CIT in order to pursue their studies in this prestigious institution. The day was beautifully ended with the strong words of Dr.S.R.K.Prasad, the Correspondent of CIT institutions where the students felt really happy and motivated in joining CIT.

## **DAY 2**

### **SESSION 1**

17 – 11 – 2020 (TUESDAY) (10am to 12pm)

The second day of the induction programme started with the much essential topic "Water management" and it was handled by Er R. R. Arivumani, M/s Adhithya Aqua Tech Solutions, Coimbatore. Few important words from the guest are as follows, Water Management is important since it helps determine future Irrigation expectations. Water management is the management of water resources under set policies and regulations. Water, once an abundant natural resource, is becoming a more valuable commodity due to droughts and overuse. Water resource management is the activity of planning, developing, distributing and managing the optimum use of water resources. It is a sub-set of water cycle

management. Ideally, water resource management planning has regard to all the competing demands for water and seeks to allocate water on an equitable basis to satisfy all uses and demands. As with other resource management, this is rarely possible in practice. The mission of the Water Management uses provides a forum for publishing new findings on Engineering principles and technology. Currently our primary research objective is to encourage and assist the development of better and faster measures of engineering activity. The great man wished the students for a wonderful career at CIT.



## **SESSION 2**

17 – 11 – 2020 (TUESDAY) (2pm to 4pm)

The session 2 of day 2 was much more interesting and it was due to the topic “History of our Nation“. The chief guest for the session was Mr. Orissa Balu, Tamil researcher and writer, Chennai. The notable words from his view are as follows, Historical research should be free from bias, prejudice and preconceived ideas. As Aryan-Dravian race hypotheses and theories have been declared unhistorical, such interpretation would not do any good in research. Indians cannot be divided on the basis of linguistic interpretation, excessive repetition of myth-making without any regard for history, historicity and historical evidences. Finally he wished the students for high success in career and life.



## **DAY 3**

### **SESSION 1**

18 – 11 – 2020 (WEDNESDAY) (10am to 12pm)

The students were very happy on day 3 session 1 because of the chief guest Mr. K. Osai Kalidasan, OSAI Environmental Association, Coimbatore. The resource person was sharing a wonderful speech on “Environmental Awareness” for 2 hours. New findings were discussed with the students in terms of the need for good environment and how engineers could technically safeguard our environment in such a way the present and future generation can avail and enjoy all the natural resources of the planet in its purest form. Few other things were also shared by the guest. He told the students about the need to conserve forests and the correlation that existed between the animals and plants for long which has cruelly been broken apart by human race. He gave rich insights about once healthy ecosystem of India and how we went about changing it with little concern about the future. He narrated about

the invasion of the British and the consequential ruining of the once rain water friendly mountains of the Western Ghats. He talked about the recent action plans which are being undertaken by the Indian government to make a turnaround. He concluded by saying that the only thing that humans can do to prevent any further degradation to forests is to do nothing at all to at least the existing forest cover. Finally he wished all the first years to have a bright future.



## **SESSION 2**

18 – 11 – 2020 (WEDNESDAY) (2pm to 4pm)

“Science of YOGA” was the topic on day 3 (session 2) handled by Dr.R.Uma, Guinness record holder for Yoga and Yoga Trainer, Coimbatore. Again it was a much awaited session due to its importance in human beings’ lifestyle. It was the real eye opener like topic for the freshers of CIT and for the present generation where everyone’s life have been filled with junk food and sedentary lifestyle. The session was very informative in such a way the students found something important for life and lifestyle. Few are the words noted and summarized here. Apart from the spiritual aspects, the physiological benefits acquired from

yoga have recently had radical scientific understandings behind its workings. It is also moderate the surge and the production of chemicals in the body that affect us mentally, physically as well as psychosomatically. The students finally got awareness on yoga by knowing that how it really moderates stress hormones, secretes antioxidant enzymes, stimulates parasympathetic nervous system, improves immunity function, cures addiction, enlarges the brain, helps stay in the present and yoga mudras. Finally she left a yogic message for the present generation in order to live a healthy and peaceful life through strong mind and body.

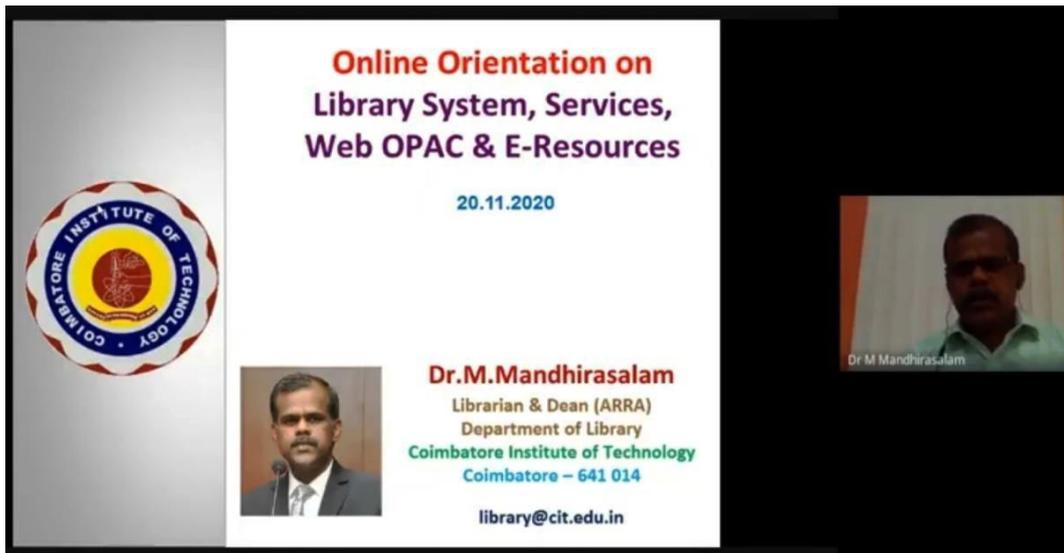


## **DAY 4**

### **SESSION 1**

19 – 11 – 2020 (THURSDAY) (10am to 12pm)

Dr.M.Mandhirasalam, Dean – Department of Library, CIT, Coimbatore was the resource person on day 4 session 1. “Library Practice” was the topic delivered by the guest and the essential treasure was shared with the students. It was said how important a library in a student’s life in terms of gaining knowledge in all aspects. He shared how to access CIT library open access system and how much useful it is in terms of time saving and smart work.



**Online Orientation on  
Library System, Services,  
Web OPAC & E-Resources**

20.11.2020

**Dr. M. Mandhirasalam**  
Librarian & Dean (ARRA)  
Department of Library  
Coimbatore Institute of Technology  
Coimbatore – 641 014  
library@cit.edu.in

## SESSION 2

19 – 11 – 2020 (THURSDAY) (2pm to 4pm)



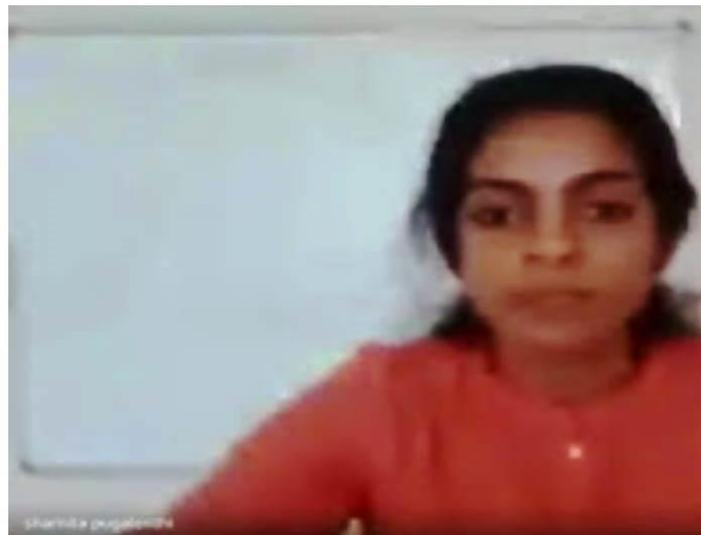
“Mindfulness for Wellbeing” was the topic for Thursday, and it was delivered by Dr B Sripirabaa, Associate Professor, GRG School of Management Studies, PSGR Krishnammal College for Women, Coimbatore. She was very much showed importance while delivering her speech in terms of students’ mental health. She pointed terms related to handling of stress, fear, tension, anxiety and pressure. The younger generation is in danger in terms of culture and lifestyle. Her words were really helpful to the student community that too for the first year students. The students were asking few queries and she replied them so that

they felt happy and finally she greeted the students for the opportunity of getting admission at CIT for pursuing valuable education.

## **DAY 5**

### **SESSION 1**

20 – 11 – 2020 (FRIDAY) (10am to 12pm)



“How to Face New Environment “ was the session on Friday and it was handled by Dr. SHARNITA P, Psychiatry, Senior resident, Karpagam Faculty of medical Science and Research, Coimbatore. Few are the words from her side. College life comes with the kind of independence most of the students have not known as school goers. For some people things become really difficult but by following these steps they can make their journey from school to college easy and smooth. The idea of not having parents or guardians around might appear to be amazing but it is they who keep things organized for us and are always there call us out if we go wrong. When you enter college, their interference becomes far less, especially if you are moving out. This is when the things start getting tricky. While you love the freedom, you miss the supervision.

## **SESSION 2**

20 – 11 – 2020 (FRIDAY) (2pm to 4pm)



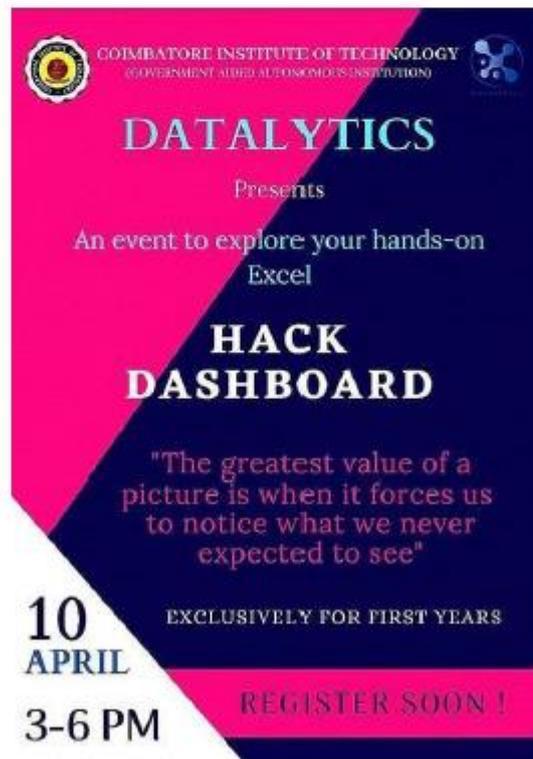
The second session of day 5 was on “Health Awareness Homeo” handled by Dr. N. Abirami Homeopathy Specialist, Coimbatore. She said that Homeopathy can be used in many different ways in an individual's healthcare regimen. Three common ways are Self-care: individuals use homeopathic remedies to treat minor traumas and illnesses, Acute care: homeopaths recommend remedies for acute illnesses and Constitutional care: homeopaths recommend a program of remedies to optimize health.

## **CONCLUSION**

The orientation programme initiated by Coimbatore Institute of Technology always stands at the top in terms of providing awareness and knowledge to the fresh first year students.

## HACK DASHBOARD

Date	: 10/04/21
Mode	: Online
Venue	: Google meet
Duration	: 1 hour
No. of participants	: 57
Incharges	: Kavya



COIMBATORE INSTITUTE OF TECHNOLOGY  
(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

**DATALYTICS**  
Presents  
An event to explore your hands-on  
Excel

**HACK  
DASHBOARD**

"The greatest value of a  
picture is when it forces us  
to notice what we never  
expected to see"

**10  
APRIL**  
**3-6 PM**

EXCLUSIVELY FOR FIRST YEARS

REGISTER SOON !

## **ABOUT THE EVENT::**

Hack dashboard event was conducted exclusively for 1st year students to get familiar working with Excel. The participants were paired up as teams to visualize the dataset and were asked to upload the final dashboard in Google Classroom.

**Winner** - Elite bosses (Navika, Vidhya Varshany) 1<sup>st</sup>

**runner up-** Data tech pyrate (Dharsshini, Tanushree) 2<sup>nd</sup>

**runner up-** Binary Analysts (Nithish, Karthy)

## EXPLORING TIME SERIES

Date	: 06/02/2021
Mode	: Online
Venue	: Google meet
Duration	: 1 hour
No. of participants	: 49
Incharges	: Kavya

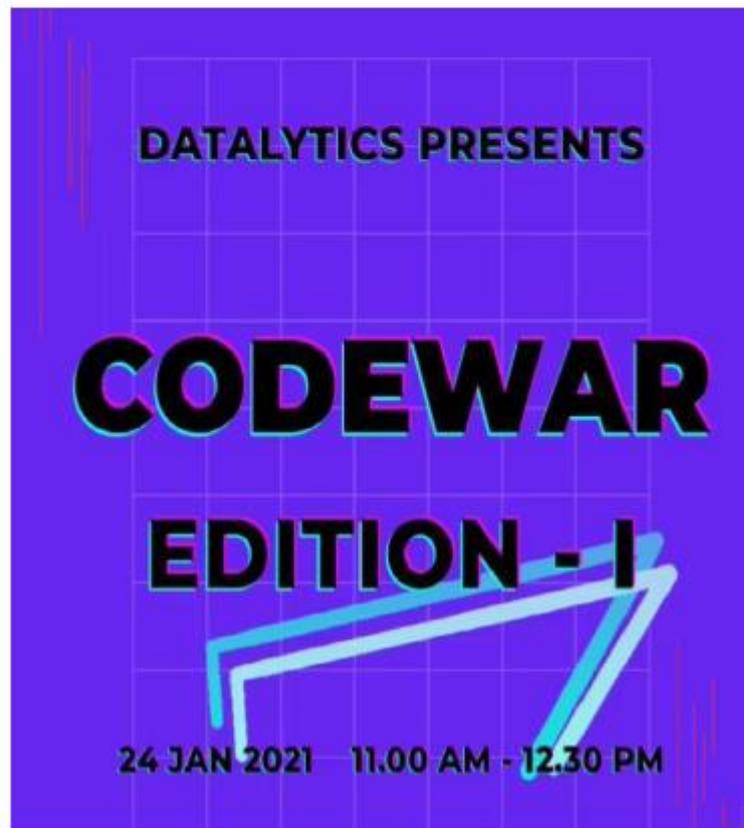


### ABOUT THE EVENT::

This event helps us to know how to deal with Time Series Data. Ms Sri Dhanuja, Data Analyst intern at buckman laboratories shared her project and work culture at their company. She gave basic introduction about Time series and how to work with it. A simple demo was given for the implementation using R language.

## CODEWAR EDITION

Date	: 24/01/2021
Mode	: Online
Venue	: Hackerrank
Duration	: 2 hours
No. of participants	:65
Incharges	: Sri Suhas



### ABOUT THE EVENT::

Code war edition contest is a coding contest which comprises of 4 different challenges. These challenges can be solved in any programming language the participant is comfortable with. This contest was held in hackerrank.

## ALGORITHM UNLOCKED – secrets of cracking interview

Date	: 23/01/21
Mode	: Online
Venue	: discord server
Duration	: 1 hour
No. of participants	: 90
Incharges	: Sri Suhas



### ABOUT THE EVENT::

Sibi Bose and Thamarai Selvam, Ex software Interns at KLA Corporation shared their work experience at their company.

And they gave details about:

- various rounds involved in the hiring process
- skills required to crack the technical rounds
- Projects and work culture at the company.

## HASH IT OUT

Date	: 23/01/2021
Mode	: Online
Venue	: Google meet
Duration	: 2 hours
No. of participants	: 98
Incharges	: Kavya, Omprakash

COIMBATORE INSTITUTE OF TECHNOLOGY  
(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

DATALYTICS  
Presents

# HASH IT OUT

"If your experiment needs a statistician, you need a better experiment"

Jan - 23  
2021  
6.00 PM

- Fun and tech quiz
- Brushing up basic statistics

We are awaiting  
for your presence

DO  
REGISTER!

## ABOUT THE EVENT::

This event is exclusively conducted for 1<sup>st</sup> year students to give an introduction about Data Science through a tech quiz in a funfilled way. Which was conducted to make them understand the basics terms of Data Science and also given a demo to brush up the basic concepts of statistics.

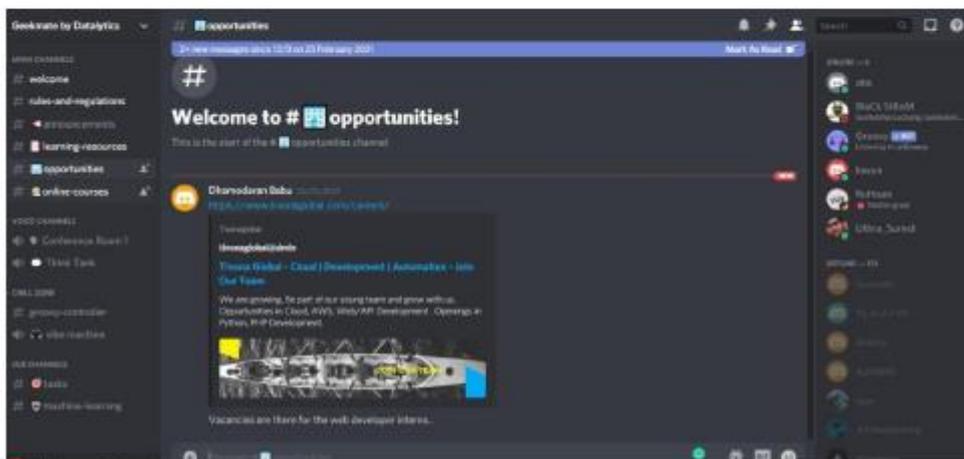
**Winner-** Data tech pyrate (Dharsshini,Tanushree,Priyasri)

**1<sup>st</sup> Runner-** V3 (Keerthana, Keerthana Devi, Deepa)

**2<sup>nd</sup> Runner-** Techtron( Prem, Sharan,Vaibhav Bajra)

## GEEK MATE

Date	: 23/01/2021
Mode	: Online
Venue	: Discord
Incharges	: Sri Suhas, Kavya
Member	:150





## **ABOUT THE EVENT::**

A discord Community is being opened for the students in order to make the students learn better, prepare well for internships and get placed easily!

What Students can acquire:

- ➔ Learning Resources
- ➔ Off campus Opportunities
- ➔ Peer Interaction
- ➔ Mock tests
- ➔ Sharing Intern Experience
- ➔ Group discussion

Discord server: <https://discord.gg/UfK7VGs7gx>

## KAGGLE EXPERT

Date	: 24/10/20
Mode	: Online
Venue	: Google meet
Duration	: 1.5 hours
No. of participants	: 77
Incharges	: Kavya

The poster is for an event titled "Becoming a Kaggle Expert" held at Corimbatores Institute of Technology. It features a portrait of Vishnu Varthan, a freelance developer and Kaggle expert. The poster includes logos for the institute, GirlScript, Kaggle, and YAV. It specifies the date as October 24, 2020, at 5:00 PM to 6:30 PM. The text describes Vishnu Varthan as a freelance developer, technical consultant, Kaggle 2x expert (rank 101), Microsoft student partner, and Red Hat campus ambassador. The event is part of a "Data Analytics in Association with GirlScript" series.

Corimbatores Institute Of Technology  
(Government Aided Autonomous Institution)

**Data Analytics in Association with GirlScript**

**Vishnu Varthan**  
Freelance Developer and Technical Consultant ,  
Kaggle 2 x Expert ,Rank 101  
Microsoft student partner,  
Red hat campus ambassador

**BECOMING A KAGGLE EXPERT**  
Steps to be a kaggle expert

Saturday 5 – 6:30 pm

Oct 24  
2020

### ABOUT THE EVENT:

Vishnu Varthan, Freelance Developer, Technical Consultant and kaggle 2 x Expert have given a basic introduction to kaggle and clearly explained on how to contribute to Kaggle. He added about the benefits of contributing to Kaggle and students were allowed ask their doubts regarding the same. And there was demo on how to do projects in kaggle and participating in competitions

## ALGORITHM UNLOCKED

Date	: 04/10/2020
Mode	: Online
Venue	: Google meet
Duration	: 2 hours
No. of participants	:184
Incharges	: Dhamodharan, Sri Suhas

 **COIMBATORE INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution Affiliated to Anna University) 

**DATALYTICS**

**04 OCT**  
6 PM - 7.30PM

**ALGORITHM UNLOCKED!**  
The secrets of cracking interview

**SPEAKERS**

  
**Ms.M.DIVYA PRABHA MSc**  
Core team member of TPLUG  
Intern at Robert Bosch

  
**Ms.P.GAYATHRI MSc, PhD**  
Junior Research fellow at SRM  
Research Intern at S.N.Bose National center  
for basic science,Kolkata

"Choose a job you love,  
and you will never have to  
work a day in your life!"

ALGORITHM UNLOCKED is set to  
help people to explore various domains of  
their favourite jobs and know the secrets of getting there!

 [datalytics.cit](#)  [datalyticscit](#)  **SRI SUMAS P - 9943748151**  
**KAVYA P - 9597761040**

## **ABOUT THE EVENT:**

Ms.M.Divya Prabha began by giving us tips and tricks for our corporate intern . She guided us with the steps in building our portfolio . She told us more about Linked In, GitHub , Kaggle profiles. She gave us some tips to improve our ML projects for our resume and to deploy our project, maybe in Android App.

Ms.P.Gayathri gave us detailed information about the Research intern. And even guided us with the steps for applying for a research intern. She explained about the career after research internship . She also told us about the Post Doctorate abroad and the advantages for it .

## INTRO TO GIT AND GITHUB

<b>Date</b>	: 17/10/2020
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 5:30PM - 6:30PM



### DESCRIPTION:

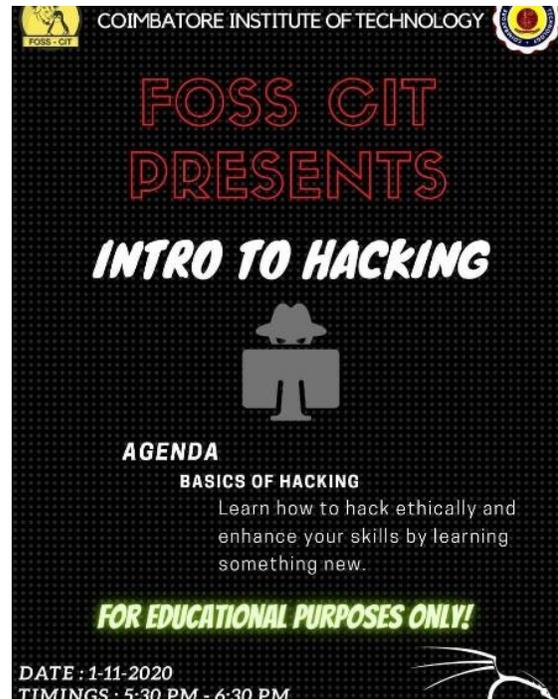
In this session, we will learn about Git and GitHub, which are essential tools for developers to manage different software versions and collaborate on software projects. We will cover topics such as GitHub repositories, branches, committing changes, and creating and merging pull requests with a demo.

We will provide a detailed explanation of the available communities and student packs, study platforms, coding websites, and introduce the concept of Hackathons. The event is aimed at all levels of knowledge and interest, and we encourage enthusiastic participation throughout. By the end of the event, you will have gained valuable knowledge about Git and GitHub that you can apply to your software development projects.

Youtube Link: <https://www.youtube.com/watch?v=UFCrSqV0UHA>

## INTRO TO HACKING

<b>Date</b>	: 01/11/2020
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 5:30PM - 6:30PM



### DESCRIPTION:

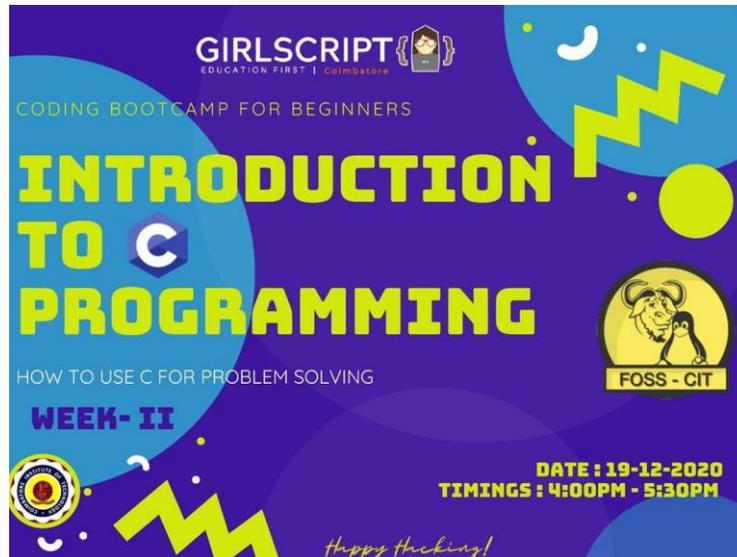
In this session, we will cover the fundamentals of Ethical Hacking, including key terminologies. We will explore the concept of hacking, and demonstrate how devices can be vulnerable to hacking. The aim of this session is to motivate participants to explore more about Hacking, and to increase awareness of various Hacking techniques.

Throughout the session, we will provide practical examples and exercises to reinforce the concepts covered, and encourage active participation and engagement from all participants. By the end of the session, you will have gained a solid foundation in ethical hacking, and be well-equipped to explore the field further and even pursue a career in ethical hacking.

Youtube link: <https://www.youtube.com/watch?v=w6SQbSnLzXo>

## INTRO TO C PROGRAMMING – PART 1

<b>Date</b>	: 19/12/2020
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 4:00PM - 5:30PM



### DESCRIPTION:

In this session, we will introduce the basics of programming in C, a widely-used programming language. This session is designed for beginners who are new to programming, or those who are looking to expand their programming skills. We will cover topics such as variables, data types, operators, and control structures. Our aim is to provide a comprehensive understanding of the fundamentals of C programming. Throughout the session, we will provide examples and exercises to reinforce the concepts covered, and encourage active participation and engagement from all participants. By the end of the session, you will have gained a solid foundation in programming with C and be well-prepared to continue learning more advanced topics..

## INTRO TO C PROGRAMMING – PART 2

<b>Date</b>	: 20/12/2020
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 4:00PM - 5:30PM



### **DESCRIPTION:**

In this session, we will continue building on the foundation laid in Part 1 and delve deeper into programming with C. We will cover more advanced topics such as arrays, pointers, functions, and file I/O. Our aim is to provide a more comprehensive understanding of C programming, and to equip participants with the skills and knowledge necessary to write more complex programs. Throughout the session, we will provide examples and exercises to reinforce the concepts covered, and encourage active participation and engagement from all participants. By the end of the session, you will have gained a deeper understanding of programming with C and be well-prepared to tackle more advanced projects.

## REFRESHING DSA

<b>Date</b>	: 07/02/2021
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 5:00PM - 6:30PM



### DESCRIPTION:

In this session, we will focus on gaining knowledge about interview-based questions, particularly those related to Data Structures and Algorithms (DSA). We will refer to popular online resources such as Tutorialspoint, GeeksforGeeks, and LeetCode to enhance our understanding of these topics. Our aim is to provide participants with the necessary skills and knowledge to confidently answer interview questions related to DSA. This session will motivate you to strive for excellence and reach new heights in your career.

In addition to the above, we will also cover recursion and backtracking patterns during this session. These are important concepts that are frequently asked about in interviews related to DSA. By the end of the session, you will have a deeper understanding of these topics, and be well-prepared to tackle interview questions related to DSA, recursion, and backtracking patterns.

Youtube link: [https://www.youtube.com/watch?v=CjAj5UPe\\_58](https://www.youtube.com/watch?v=CjAj5UPe_58)

<https://www.youtube.com/watch?v=JS9Llej22AU>

## OPPORTUNITIES IN OPEN SOURCE AND COMMUNITY PROGRAMS

<b>Date</b>	: 27/03/2022
<b>Mode</b>	: Online
<b>Venue</b>	: G - Meet
<b>Time</b>	: 5:30PM - 6:30PM



### DESCRIPTION:

In this session, we will explore the growing platform of Open Source in the modern world. We will learn about the role of community programs in the development of this platform, and how OSS shops and developers are advocating for more community participation, collaboration, and volunteerism. They believe in working together to build high-quality products that are accessible to both for-profit and non-profit organizations.

By the end of the session, you will have gained a solid foundation in Open Source and community programs, and be well-prepared to contribute to and participate in this growing platform.

Youtube link: [https://www.youtube.com/watch?v=qQB1YLdjz\\_g](https://www.youtube.com/watch?v=qQB1YLdjz_g)

## RESOURCE PERSONS

Eminent Researchers from reputed academic and research institutions, practicing engineers from leading industries and doctors from hospitals.

## INFORMATION FOR PARTICIPANTS

This FDP is only for faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and Industry. The FDP will be conducted in Online mode. Participants willing to participate in this online FDP should have the provision of laptop/desktop/smart phone with good quality internet connections and other audiovisual facilities, as required for online training. Course Registration is free for all participants. Seats are limited (only 50) and the participants are selected by organizers on first come first serve basis. Shortlisted candidates will be informed through their email. On completion of the course an objective/quiz based assessment for all participants will be conducted. Those who have an attendance of minimum 80 % and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

## REGISTRATION

Participants interested to attend this program should register online in the below mentioned links:

<https://forms.gle/LKFD4PdqsGJhQGGu7>

<https://atalacademy.aicte-india.org/login>

QR code for Registration



## IMPORTANT DATES

Last date for registration: 17.09.2020

Selected participants will be informed through email.

For Queries contact:

**Dr.A. RAJESWARI**

Professor and Head, Dept. of ECE  
Coimbatore Institute of Technology  
Coimbatore-641 014  
9865907804

[atalfdpcitece@gmail.com](mailto:atalfdpcitece@gmail.com)



**AICTE Training and Learning (ATAL)  
ONLINE  
FACULTY DEVELOPMENT PROGRAMME**  
on  
**SIGNAL PROCESSING AND MACHINE  
LEARNING ALGORITHMS FOR  
BIOMEDICAL DATA ANALYTICS IN  
HEALTH CARE APPLICATIONS**

during

**21.09.2020 to 25.09.2020**



*Organized by*  
**Department of Electronics and  
Communication Engineering**  
**Coimbatore Institute of Technology**  
**Coimbatore –14,**  
**TamilNadu, India**  
**[www.cit.edu.in](http://www.cit.edu.in)**

### **ABOUT THE COLLEGE**

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established Coimbatore Institute of Technology (CIT) in 1956. CIT is one of the most reputed and prestigious educational institutions in South India. The Institute endorsed by world class research and development attained autonomous status in 1987 and is affiliated to Anna University, Chennai. The Institute features strong Academic-Industrial Interaction and a high quality of research and consultancy. CIT, managed by a pedigree lineage for the past 60 years, enjoys international repute. The Institute has the services of competent and qualified faculty, and the guidance of a visionary management to enhance the quality of education at all levels and maintains its pre-eminent position in emerging globalization.

### **ABOUT THE DEPARTMENT**

The department of Electronics & Communication Engineering was established in the year 1968. It has been very well equipped with highly commendable facilities and is effectively guided by a set of devoted and diligent staff members. The department offers Under Graduate programme in ECE and Post Graduate programme in Communication Engineering. The Department has also successfully completed many projects with grants received from various funding agencies.

### **ABOUT AICTE-ATAL**

The objectives of AICTE Training and Learning (ATAL) are: To set up an Academy which will plan and help in imparting quality technical education in the country, To support technical institutions in fostering research, innovation and entrepreneurship through training, To stress upon empowering technical teachers & technicians using Information & Communication Technology, To utilize SWAYAM platform and other resources for the delivery of trainings, To provide a variety of opportunities for training and exchange of experiences such as workshops, orientations, learning communities, peer mentoring and other faculty development programmes, To support policy makers for incorporating training as per requirements. nities have started investing in health care.

### **ABOUT THE FDP**

Biomedical data analytics helps in health care applications especially for improving the health of patients. Biomedical data falls within the set of big data - with high volume, high diversity collected from many patients at several time frames. Capturing, analyzing, storing, and visualizing such massive data is very complex. This data can be analyzed to give important information about the preventive measures and alternate drugs to the patients. This Faculty Development Programme provides an overview of recent state-of-the-art signal processing and machine learning algorithms for biomedical big data analysis.

### **COURSE OBJECTIVE**

To give an overview of signal processing and machine learning algorithms for biomedical data analytics for precision health care applications.

### **COURSE CONTENTS**

- Machine learning and Pattern Recognition
- Compressed sensing in Biomedical signal processing applications
- Statistical processing of biomedical data
- Machine learning for emotion recognition
- IoT Healthcare applications, technologies & systems –Case Study
- Security in IoT Healthcare
- Biomedical data compression
- Patient outcome prediction and critical care

### **ORGANIZING COMMITTEE**

#### **Chief Patron**

**Dr. S. R. K. PRASAD**

Correspondent

#### **Patrons**

**Mr. S. RAJIV RANGASAMI**

Director

**Dr. R. PRABHAKAR,**

Prof. Emeritus & Secretary

#### **President**

**Dr. V. SELLADURAI**

Principal

#### **CHAIRMAN**

**Dr. A. RAJESWARI**

Professor and Head, Dept. of ECE

#### **Coordinator**

**Dr. A. RAJESWARI**

Professor & Head, ECE Department

#### **Co-Coordinator**

**Dr. M. POONGOTHAI**

Associate Professor, Dept. of ECE

**Dr. B. PREMALATHA**

Assistant Professor, Dept. of ECE

**Ms. CYNTHIA JOSEPH**

Assistant Professor, Dept. of ECE

# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution Affiliated to Anna University,  
Chennai-60025)



**DEPARTMENT OF ECE**

with

**CIT-IETE STUDENTS FORUM (CIT-ISF)**

**Academic year: 2020-2021**

Report of IETE Students Forum's Activity

**Webinar on**

**Evolution of 5G New Radio**

# Evolution of 5G New Radio

**Date: 08.12.2020**

**Time:10.00am -04.00pm**

## Resource person:



**Dr. Koushik Guha**

Senior Member of IEEE,  
Asst. Professor (Grade-I), Dept. of Electronics and Communication Engineering,  
Assoc. Dean of Students Welfare & Nodal Officer of Scholarships,  
National Institute of Technology Silchar, Assam.



**D.Sriram Kumar, Ph.D, Senior Member of IEEE,**

Head, Siemens Center of Excellence (COE),  
Professor, Dept. of Electronics and Communication Engineering ,  
National Institute of Technology, Tiruchirappalli.



**Ms. Annapurna Pradhan**

Ph.D. Research Scholar, Department of Electrical Engineering (EE),  
National Institute of Technology Rourkela | NITR, Odisha.



**Dr. A. Rajeswari, Professor & Head, Dept. of Electronics and Communication Engineering, Coimbatore Institute of Technology.**



**Ms. D. Diana Josephine, Assistant Professor, Dept. of Electronics and Communication Engineering, Coimbatore Institute of Technology.**

**Participants:** Students, Research scholars, Faculty members and Industrialists from all over India

**Total number of Participants:** 52

**Type of Interaction:** online mode of Interaction

**Online platform:** Google meet

WhatsApp Group Link:

<b>Group 1</b>	<a href="https://chat.whatsapp.com/IPUG7A3ookh6AdcolmylOI">https://chat.whatsapp.com/IPUG7A3ookh6AdcolmylOI</a>
<b>Group 2</b>	<a href="https://chat.whatsapp.com/Fvj3yYNpkZGICnVigai6q">https://chat.whatsapp.com/Fvj3yYNpkZGICnVigai6q</a>

**Registration details:**

1. An online payment of Rs.200/- is to be made to the following bank account by Research Scholars, Faculty members and Industrialists.

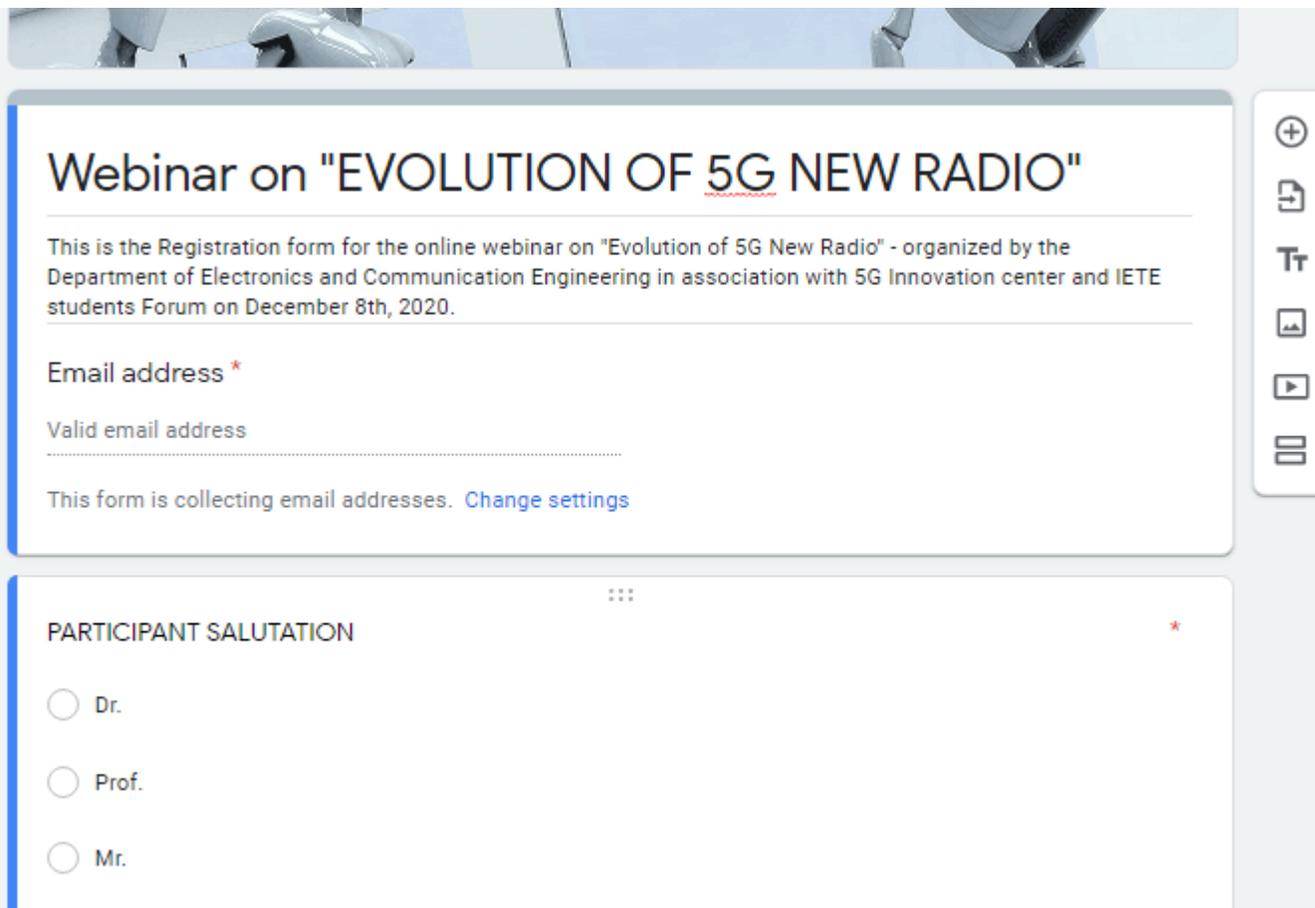
**Bank Account Details: CIT IETE STUDENTS FORUM**

**Account No.** :899114957  
**IFSC Code** :IDIB000S107

2. UG students are exempted from Registration Fee
3. Registration Link: <https://forms.gle/hSwNusM3x4bsAVoy8>  
Note: The Reference number of the Payment to be added during Registration

Webinar link: <https://meet.google.com/mns-rwth-uew>

Registration Form:



The image shows a screenshot of a Google Forms registration form. The form title is "Webinar on 'EVOLUTION OF 5G NEW RADIO'". Below the title, there is a description: "This is the Registration form for the online webinar on 'Evolution of 5G New Radio' - organized by the Department of Electronics and Communication Engineering in association with 5G Innovation center and IETE students Forum on December 8th, 2020." The form contains a required text input field for "Email address" with a red asterisk and a validation message "Valid email address". Below the input field, there is a note: "This form is collecting email addresses. [Change settings](#)". The second section of the form is titled "PARTICIPANT SALUTATION" and has a red asterisk. It contains three radio button options: "Dr.", "Prof.", and "Mr.". The form is displayed on a mobile device, as indicated by the navigation icons on the right side of the screen.

PARTICIPANT NAME (BLOCK LETTERS- AS NEEDED IN CERTIFICATE) \*

Short answer text

Designation (students can write your year of study) \*

Short answer text

Profession \*

- Teaching
- UG/PG Student
- Industrialist

Qualification

Short answer text

Name of the Department \*

Short answer text

Name of the Institute/ organisation \*

Short answer text

Affiliating University

Short answer text

Participants List:

Timestamp	PARTICIPANT NAME	(E Designation (students ca	Profession	Qualification	Name of the Department	Name of the Institute/ org	Affiliating University	Address of the Institute/ ( State you belong to
12/2/2020 20:06:20	Mr. MOULISRAJAN PS	3rd year	UG/PG Student	B.E	ELECTRONICS AND CC	coimbatore institute of te	Anna University	Peelamedu opposite to c Tamil Nadu
12/2/2020 20:09:13	Ms. K.SRIVIDHYA	Assistant Professor	Teaching	M.E	ECE	Sri Venkateswara college	Anna university	Pennalar, Sriperumbudur Tamilnadu
12/2/2020 20:15:58	Mr. Adarsh VH		4 UG/PG Student	Diploma	EEE	Jct	Anna	Jct Kerala
12/2/2020 20:16:14	Mr. CHINMAYA MAHADEV	1st	UG/PG Student	12th Pass	ECE	CIT Coimbatore	Anna University	CIT Coimbatore Tamil Nadu
12/2/2020 20:23:06	Mr. SHIVANANTH A	1st year	UG/PG Student	12th standard	ECE	Coimbatore institute of te	Anna University	Coimbatore institute of te Tamilnadu
12/2/2020 20:27:23	Ms. MAITHREYE S R	2020	UG/PG Student	12th standard	Electronics and Commur	Coimbatore Institute of Ti	Anna University Chennai	Avinashi Rd, Civil Aerodr Tamil Nadu
12/2/2020 20:38:10	Mr. PRASANNA VENKATES	Third year	UG/PG Student	HSC	ELECTRONICS AND CC	COIMBATORE INSTITU'	ANNA UNIVERSITY	CIVIL AERODROME PO TAMILNADU
12/2/2020 20:40:03	Ms. R.OVIYAH		3 UG/PG Student	HSE	ECE	COIMBATORE INSTITU'	ANNA UNIVERSITY	COIMBATORE TAMILNADU
12/2/2020 20:56:50	Ms. PRIYANKA M	Final year	UG/PG Student	12th	B. E. ECE	Sri rangenathar Insitute c	Anna university	Coimbatore Tamil Nadu
12/2/2020 20:58:27	Dr. PERARASI T	ASSISTANT PROFESSC	Teaching	Ph.D	ECE	BANNARI AMMAN INSTITUTE OF TECHNOLOG		Alathukombai,sathyamar Tamilnadu
12/2/2020 21:01:56	Mr. RAJADURAI S	First year	UG/PG Student	+2 completed	Ece	Coimbatore institute of te	Anna university	Jenny's club OPP,peelan Tamilnadu
12/2/2020 21:04:49	Mr. SATHEESH KUMAR P	Assistant professor	Teaching	M.E	Electronics and commun	Coimbatore Institute of Ti	Anna University	Coimbatore-14 TAMIL nadu
12/2/2020 21:06:20	Mr. MURUGAN E	B.E EEE 4 Year	UG/PG Student		12 EEE	Annapoorna engineering	Anna university	Periya seragapadi. Ariya Tamila nadu
12/2/2020 21:08:19	Ms. SURUTHIKA	2020	UG/PG Student		Electronics and commun	Coimbatore institute of technology		Coimbatore institute of te Tamil nadu
12/2/2020 21:14:27	Ms. S.SWETHA	First	UG/PG Student		12 ECE	Coimbatore Institute of Ti	Anna University	Coimbatore Institute of Ti Tamil Nadu
12/2/2020 21:14:55	Ms. K. MAUNASREE	Third Year	UG/PG Student		Electronics and Commur	Coimbatore Institute of Ti	Anna University	Peelamedu, Coimbatore Tamilnadu
12/2/2020 21:19:47	Ms. MEENA PRIYADHARSI	1 st year student(2020-21	UG/PG Student	higher secondary 12 th	ECE	Coimbatore institute of te	Anna University	Cit,avinash road ,civil aei Tamilnadu
12/2/2020 21:20:49	Ms. A.C.AASHICA	1st year	UG/PG Student	Passed 12 th standard	Electronics and commun	Coimbatore institute of te	Anna university	coimbatore Tamil nadu
12/2/2020 21:20:51	Mr. S.THARUN	1st year	UG/PG Student	12th pass	Electronic communicati	Coimbatore institute of te	Anna university	CIT ,Near avinash road , Tamil nadu
12/2/2020 21:22:24	Mr. VISHNU P G	1st YEAR	UG/PG Student	12th PASSED	ELECTRONICS AND CC	COIMBATORE INSTITU'	ANNA UNIVERSITY, CH	CIVIL AERODROME PO TAMIL NADU
12/2/2020 21:24:19	Ms. K.MEERA KRISHNAN	2020-2024	UG/PG Student	B.E FIRST YEAR	ECE	Coimbatore institute of te	Anna university	Coimbatore institute of te Tamil nadu
12/2/2020 21:24:42	Mr. ARVINDH S	2020-2024	UG/PG Student		Electronics and commun	Coimbatore institute of technology		Coimbatore Institute of Ti Chennai
12/2/2020 21:28:05	Mr. RAHIL M	First year	UG/PG Student	12th	Electronics and commun	Coimbatore institute of te	Anna university	Civil aerodrome post coir Tamilnadu

Timestamp	PARTICIPANT NAME	(E Designation (students ca	Profession	Qualification	Name of the Department	Name of the Institute/ org	Affiliating University	Address of the Institute/ ( State you belong to
12/2/2020 21:28:05	Mr. RAHUL M	First year	UG/PG Student	12th	Electronics and commun	Coimbatore institute of te	Anna university	Civil aerodrome post coir Tamilnadu
12/2/2020 21:29:55	Mr. VAMSI KRISHNA D	1st Year	UG/PG Student		Electronics and Commur	Coimbatore Institute of Ti	Anna University	Avinashi Road, Civil Aerc Tamil Nadu
12/2/2020 21:31:57	Ms. DEVADHARSENI S	1st year	UG/PG Student		Electronics and commun	Coimbatore Institute of Ti	Anna University	Avinashi Rd, Civil Aerodr Tamilnadu
12/2/2020 21:36:32	Ms. PREETHI R	2020- 2024	UG/PG Student	12th std	Electronics and commun	Coimbatore institute of te	Affiliated to Anna Univer	Coimbatore institute of te Tamil Nadu.
12/2/2020 21:38:54	Ms. NEERAJA. S	2020 to 2021	UG/PG Student	12th standard	Electronics and commun	Coimbatore Institute of te	Anna university	Coimbatore Institute of te Tamilnadu
12/2/2020 21:43:03	Mr. Sreeraj M	3rd year	UG/PG Student	Studing BE degree	Electrical and electronics	JCT college of engineerii	Anna University Chennai	Pichanor, Coimbatore Kerala
12/2/2020 21:49:57	Mr. DHAMODHARAN P D	2020	UG/PG Student		ECE	Coimbatore institute of technology		Avinashi Rd, Civil Aerodr Tamilnadu
12/2/2020 21:50:54	Ms. INDHUJA A	Third year	UG/PG Student		ECE	Coimbatore Institute Of T	Anna University	Civil Aerodrome Post ,Cc Tamilnadu
12/2/2020 21:53:05	Mr. ADWAITH N	3RD YEAR	UG/PG Student	BE DEGREE STUDENT	ELECTRICAL AND ELEK	JCT COLLEGE OF ENG	ANNA UNIVERSITY	PICHANUR, COIMBATO KERALA
12/2/2020 21:57:05	Ms. AGHARAMUDHALVI.C	Student	UG/PG Student	BE	ELECTRONICS AND CC	BANNARI AMMAN INST'	Anna university Chennai	95A,JKM ROAD UDAY, Tamil Nadu
12/2/2020 21:59:11	Mr. SRIKRISHNA D	2 nd	UG/PG Student	B.E	ECE	Bannari amman institute	anna university	bannari amman collage , Tamil nadu
12/2/2020 21:59:45	Mr. SUGENDHIRAN	1st year	UG/PG Student	1st year in BE	Electronics and commun	Coimbatore institute of te	Anna university	Civil aerodrome, peelam Tamilnadu
12/2/2020 22:01:28	Mr. SUDHARSAN. S	2nd year	UG/PG Student		ELECTRONICS AND CC	BANNARI AMMAN INST'	ANNA UNIVERSITY	SATHYAMANGALAM, EI TAMIL NADU
12/2/2020 22:02:08	Ms. MUNAZIRR FATHIMA F	2nd year	UG/PG Student		ECE	BANNARI AMMAN INST'	ANNA UNIVERSITY	Sathyamangalam, erode Tamilnadu
12/2/2020 22:03:32	Ms. SHRUTHILAYA S	FIRST YEAR	UG/PG Student	12th	ELECTRONICS AND CC	COIMBATORE INSTITU'	ANNA UNIVERSITY	COIMBATORE INSTITU' TAMILNADU
12/2/2020 22:15:40	Mr. SOUNDAR S	III	UG/PG Student	HSC	ECE	BANNARI AMMAN INST'	ANNA UNIVERSITY	SATHYAMANGALAM, Ei Tamilnadu
12/2/2020 22:22:06	Ms. AISHWARYAN	2020	UG/PG Student	HSC	ECE	COIMBATORE INSTITU'	ANNA UNIVERSITY	CIT, AVINASHI ROAD, C Tamil Nadu
12/2/2020 22:22:16	Ms. ARTHIE. A	Final year	UG/PG Student	BE	Electronics and commun	Sri rangenathar institute i	Anna university	Athipalayam pirivu,Kovil; Tamilnadu
12/2/2020 22:22:25	Ms. DHIVYA S	Assistant Professor	Teaching	M.E.	Electronics and Commur	Sri Ramakrishna Institute	Anna university	Pachapalayam, coimbatc Tamilnadu
12/2/2020 22:36:12	Ms. PON PRIYA. V	2nd Year	UG/PG Student	Student	Electronics and Commur	BANNARI AMMAN INST'	ANNA UNIVERSITY	Sathyamangalam, Alathu TAMILNADU
12/2/2020 22:36:17	Ms. POOJAHARINI.LB	STUDENT	UG/PG Student	student	ECE	Bannari Amman Institute	Anna University	Bannari Amman Institute Tamilnadu
12/2/2020 22:37:08	Ms. KALAIARASI M	B.E - II year	UG/PG Student		Electronics and Commur	Bannari Amman Institute	Anna University	Bannari Amman Institute Tamil Nadu
12/2/2020 22:49:07	Prof. RAVIKUMAR M.	Assistant professor	Teaching	M.TECH	Computer Science and E.	ICT COLLEGE OF ENG	Anna university	Coimbatore Tamilnadu

## Overview of the webinar:

The evolution of 5G New Radio (NR) has progressed swiftly since the 3GPP standardized the first NR release (release 15) in mid-2018. ... The forward compatibility of NR design will ensure that it is prepared for future evolution. Low latency is also critical to improve performance and enable new use cases.

5G is evolving - from an adjunct technology to a solid communications standard that will change how we communicate with each other and the things around us. Although for many it may seem like we just got started, the evolution of 5G has already begun. With exciting new capabilities and features, 5G will open up countless new use cases. Watch this webinar to explore to where 5G is headed, what

new technologies will be introduced in 3GPP Releases 16 and 17, and how these new capabilities will affect the overall 5G evolution.

## Queries:

00:15:44.133,00:15:47.133

vairavan arun: sir what is the checklist that you follow when you start a project sir? right from selection of title till the end sir

00:15:57.637,00:16:00.637

prithvi sankar: Sir should we hold certificates as a proof that we are good at programming languages?

00:16:43.049,00:16:46.049

vairavan arun: yes sir

00:16:44.507,00:16:47.507

Nikkilraj N: yes sir

00:16:45.077,00:16:48.077

prithvi sankar: yes sir

00:18:15.778,00:18:18.778

Hariesh Varshan: Sir, do Coursera and Udemmy courses really speak out in an interview sir?

00:23:24.097,00:23:27.097

Hariesh Varshan: Okay sir, thank you

00:24:49.788,00:24:52.788

Sujeetha Saravanan: What is the scope for ECE students in Robotics sir?

00:25:36.470,00:25:39.470

Bavi: Sir, what is ur view on higher studies through GATE exam and about PSU jobs!



vairavan arun: sir in machine learning we always come across the word Exploratory Data Analysis. In general i got to know that learning about the data we have is EDA. What else we should do in EDA sir

00:31:24.202,00:31:27.202

Hariesh Varshan: If something is not my area of interest can i say it openly and ask for an alternative in an interview sir?

00:34:27.846,00:34:30.846

Hariesh Varshan: Thank you sir, it was very insightful.

00:34:59.905,00:35:02.905

Bharathi Athinarayanan: 9886644840

00:35:04.753,00:35:07.753

Bharathi Athinarayanan: my whatsapp number

00:35:20.724,00:35:23.724

Bharathi Athinarayanan: <https://www.linkedin.com/in/bharathi-a/>

# Webinar Satisfaction Survey

This is the feedback form for the online webinar on "Evolution of 5G New Radio" - organized by the Department of Electronics and Communication Engineering in association with 5G Innovation center and IETE students Forum on December 8th, 2020.

Email address \*

Valid email address

This form is collecting email addresses. [Change settings](#)

Name of the Participant with Salutation \*

Short answer text

Profession \*

- Teaching
- UG/PG student
- Industrialist

How would you rate the contents in the webinar? \*

- Very satisfied
- Satisfied
- Neutral
- Dissatisfied

Whether the session meets your expectations? \*

- Yes
- No

How clear the ideas and concepts were presented? \*

- Extremely clear
- Very clear



## Feedback responses:

Timestamp	Email Address	Name of the Participant	Profession	Name of the College/Organization with address.	How would you rate the c	Whether the session me	How clear the ideas r
12/8/2020 15:08:16	20ec68@cit.edu.in	S.M.Logesh Raj (ECE 1	UG/PG student	Coimbatore Institute of Technology, Avinashi Rd, Civil Aerodrome Post, Co	Very satisfied	Yes	Very clear
12/8/2020 15:10:26	sarushinee@gmail.com	S.Sarushinee	UG/PG student	Vivekananda college of engineering for women	Satisfied	Yes	Very clear
12/8/2020 15:10:37	20ec100@cit.edu.in	VISHNU P G	UG/PG student	COIMBATORE INSTITUTE OF TECHNOLOGY	Satisfied	Yes	Moderately clear
12/8/2020 15:12:39	shibusundarajan@gmail	SHIBU S	UG/PG student	CIT, Coimbatore	Satisfied	Yes	Moderately clear
12/8/2020 15:13:37	18ec013@acetbc.edu.in	Ms.Nivethitha.K.R	UG/PG student	Akshaya College of Engineering and Technology,Kinathukadavu,Coimbat	Very satisfied	Yes	Moderately clear
12/8/2020 15:15:22	1804033ec@cit.edu.in	Ms. K. Mauansree	UG/PG student	Coimbatore Institute of Technology, Peelamedu, Coimbatore, 641014	Satisfied	Yes	Moderately clear
12/8/2020 15:15:34	Shaktixrays@gmail.com	LOHIT M	UG/PG student	Coimbatore Institute of Technology, Avinashi Rd, Civil Aerodrome Post, Co	Satisfied	No	Moderately clear
12/8/2020 15:19:48	sathyamurugesan4620@	SATHYAPRIYA.M	UG/PG student	Vivekanandha college of Engineering for Women	Very satisfied	Yes	Extremely clear
12/8/2020 15:22:04	electronicsengineer369@	Ms.Srikumuthabharathi S	UG/PG student	Government College of Engineering, Bargur,Krishnagiri-635104	Satisfied	Yes	Moderately clear
12/8/2020 15:32:10	20ec72@cit.edu.in	Ms.K.MEERA KRISHNAI	UG/PG student	Coimbatore institute of technology, civil aerodrome post, coimbatore 6410	Very satisfied	Yes	Very clear
12/8/2020 15:36:50	20ec98@cit.edu.in	Ms. S.SWETHA	UG/PG student	Coimbatore institute of technology, Civil Aerodrome post, Coimbatore.	Very satisfied	Yes	Extremely clear
12/8/2020 15:39:33	maikasalemcity@gmail.c	Malthreye S R	UG/PG student	Coimbatore Institute of Technology	Satisfied	Yes	Very clear
12/8/2020 15:42:21	20ec081@cit.edu.in	Ms. PREETHI R	UG/PG student	COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE.	Satisfied	Yes	Very clear
12/8/2020 15:45:13	20ec76@cit.edu.in	Neeraja S	UG/PG student	Coimbatore Institute of technology, Avinashi Rd, Civil Aerodrome Post, Co	Satisfied	Yes	Moderately clear
12/8/2020 15:51:23	20ec91@cit.edu.in	Ms.Shruthilaya S	UG/PG student	COIMBATORE INSTITUTE OF TECHNOLOGY	Satisfied	Yes	Very clear

## Interactive session photos:

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the title "ANALYTICS & AI EVERYWHERE" and the subtitle "Part of every top 10 strategic technology trend for 2020". The slide features a grid of images representing various sectors: AGRICULTURE, ENERGY, EDUCATION, GOVERNMENT, FINANCE, HEALTH, INDUSTRIAL, MEDIA, RETAIL, SMART HOME, TELECOM, and TRANSPORT. The Zoom interface includes a "REC" button, a list of participants (Amit Chatterjee is presenting), and a chat window on the right with the message "Digital future for the new no...".

## Coordinators for Live Interaction Session:

### Chief Patron

**Dr. S.R.K. Prasad,**  
Correspondent, CIT.

Secretary, CIT.

Professor & Head,  
Dept. of ECE,

### Patrons

**Shri. S. Rajiv Rangasamy,**  
Director, CIT.

### President

**Dr. V. Selladurai**  
Principal, CIT.

### Co-ordinators

**Ms. Diana Josephine**  
Assistant Professor,

**Dr. R. Prabakar,**

### Convenor

**Dr. A. Rajeswari,**

**Mr. P. Satheesh Kumar**  
Assistant Professor,

Dept. of ECE, CIT

**CIT-IETE SF office Bearers**

Mr. S. Kalai Vasanth

Mr. PL. Vairavan

Brochure:

Ms. R. Samithra

Ms. G. Divya Preetha

Mr. Karthik Jai Kumar.R.P

Mr. Yuvaraj.K

Ms. Gayathri.R

Ms. Vasantha.C

Mr. Vijay.R

Ms. M.Shri rakshaa

Ms. Sushritha.R

Ms. Aparnaa Shree.K

Mr. R.P.Hariesh Varshan

Mr. S. Aswin Ram

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
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Affiliated to Anna University, Chennai-600025

TEQIP Sponsored  
**5G INNOVATION CENTER**  
Department of ECE with IETE  
presents an  
online webinar on  
**Evolution of 5G  
New Radio**

**081212020**  
**Tuesday 10am-3pm**

Join with Google Meet:  
[meet.google.com/mns-rwth-uew](https://meet.google.com/mns-rwth-uew)

**Speakers**

- Dr. Koushik Guha**  
Senior Member of IEEE,  
Asst. Professor (Grade-I), Dept. of Electronics and Communication Engineering,  
Assoc. Dean of Students Welfare & Nodal Officer of Scholarships,  
National Institute of Technology Silchar, Assam.
- D.Sriram Kumar, Ph.D.**, Senior Member of IEEE,  
Head, Siemens Center of Excellence (COE),  
Professor, Dept. of Electronics and Communication Engineering,  
National Institute of Technology, Tiruchirappalli.
- Ms. Annapurna Pradhan**  
Ph.D. Research Scholar, Department of Electrical Engineering (EE),  
National Institute of Technology Rourkela | NITR, Odisha.
- Dr. A.Rajeswari**, Professor & Head, Dept. of Electronics and Communication  
Engineering, Coimbatore Institute of Technology.
- Ms. D.Diana Josephine**, Assistant Professor, Dept. of Electronics and Communication  
Engineering, Coimbatore Institute of Technology.

Certificate sample:

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
Government Aided Autonomous Institution Approved by AICTE, New Delhi  
Affiliated to Anna University, Chennai-600025

**Certificate of Participation**  
This is to certify that

**Ms. SOWNDHARYA RANIR**  
**Assistant Professor**

of Coimbatore Institute of Technology, Coimbatore, has actively participated in online webinar on  
“**Evolution of 5G New Radio**” organized by 5G Innovation center, Department of Electronics and  
Communication Engineering jointly with IETE Students Forum of Coimbatore Institute of Technology,  
Coimbatore-641014 on December 8<sup>th</sup>, 2020.

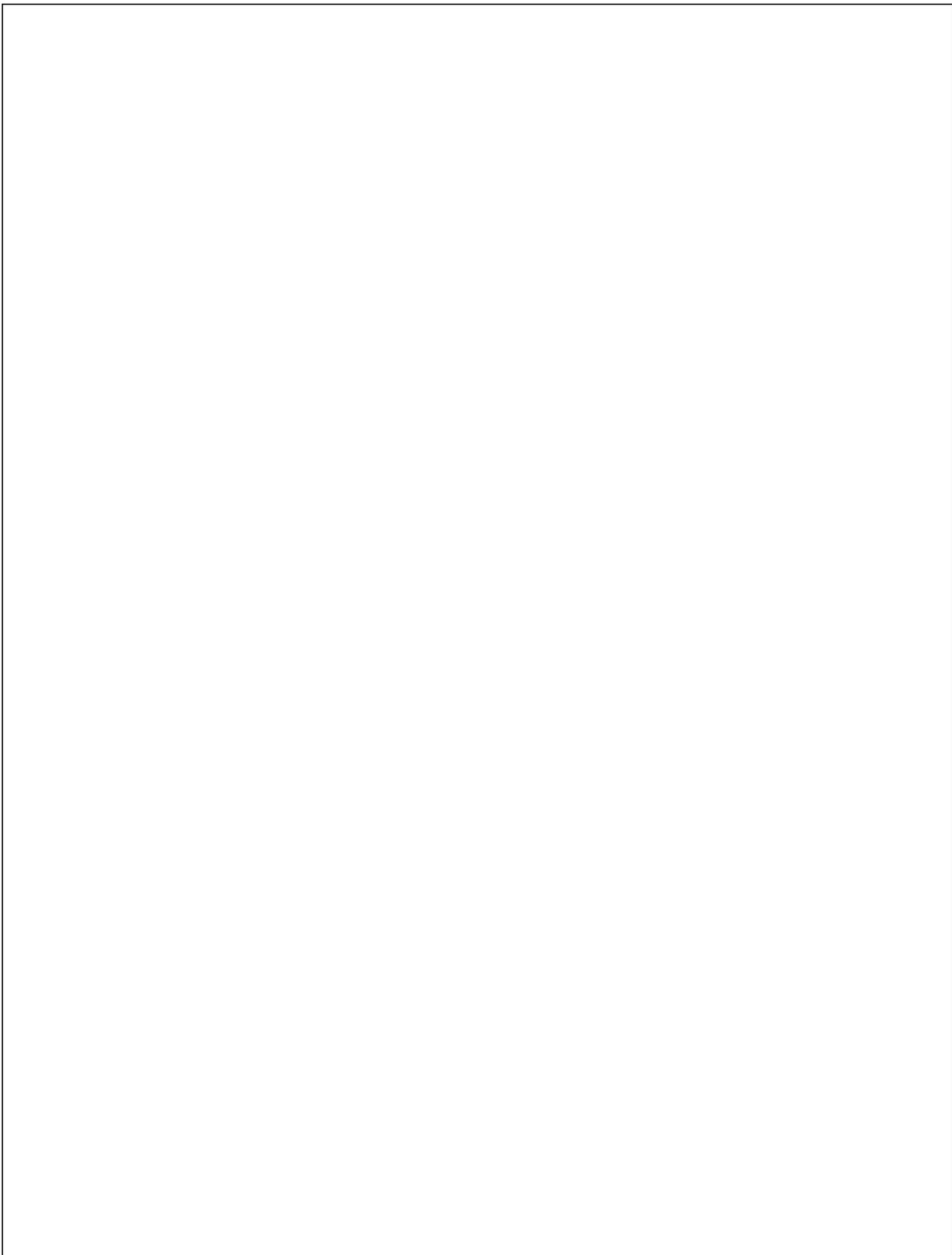
*[Signature]*  
Mr. P. Sathesh Kumar Assistant Professor  
IETE-SF Co-ordinator, Dept. of ECE,CIT.

*[Signature]*  
Ms.D.Diana Josephine, Assistant Professor,  
Dept of ECE,CIT.

*[Signature]*  
Dr. A. Rajeswari Professor & Head  
Dept. of ECE ,CIT.

*[Signature]*  
Dr. V. Selladurai Principal,CIT.

1





## TEQIP III Sponsored Two Days ONLINE WORKSHOP “IoT and Machine Learning algorithms: Towards Smart Ecosystems”

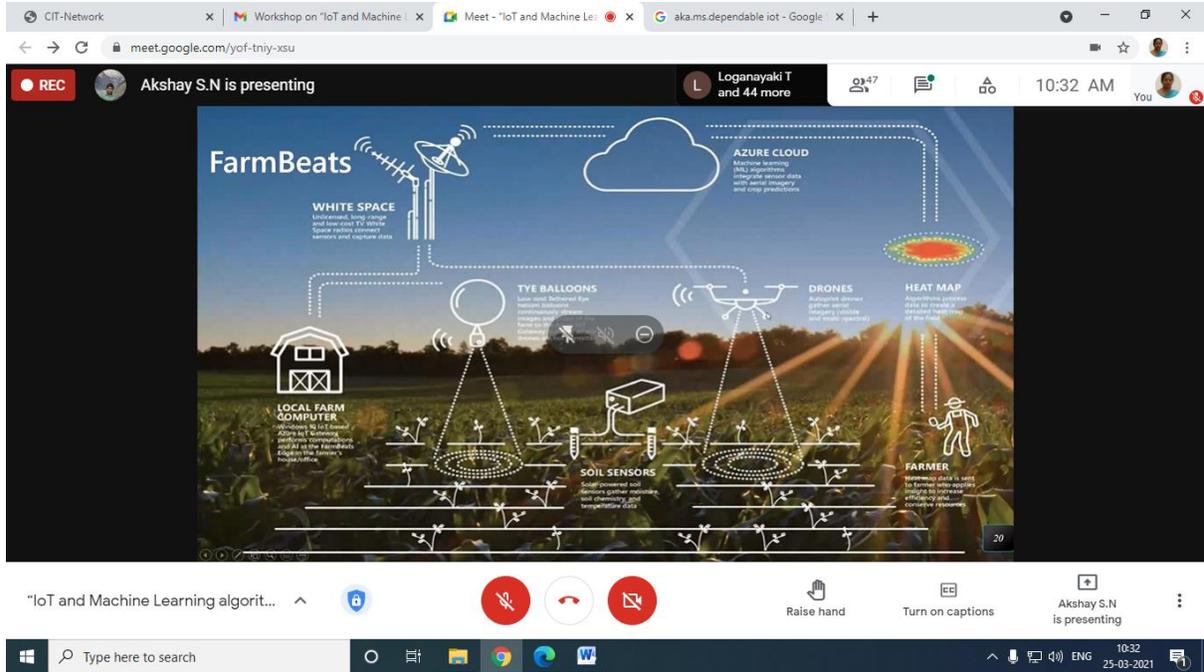
During 25.03.2021 to 26.03.2021

TEQIP-III Sponsored Two days online workshop on “IoT and Machine Learning algorithms: Towards Smart Ecosystems” was organized by Department of Electronics and Communication Engineering, Coimbatore Institute of Technology, Coimbatore during 25.03.2021 to 26.03.2021. The objective of the course is to bring academic researchers and practicing engineers from different parts of our country for discussing latest technological developments on application of IoT for Smart ecosystem.

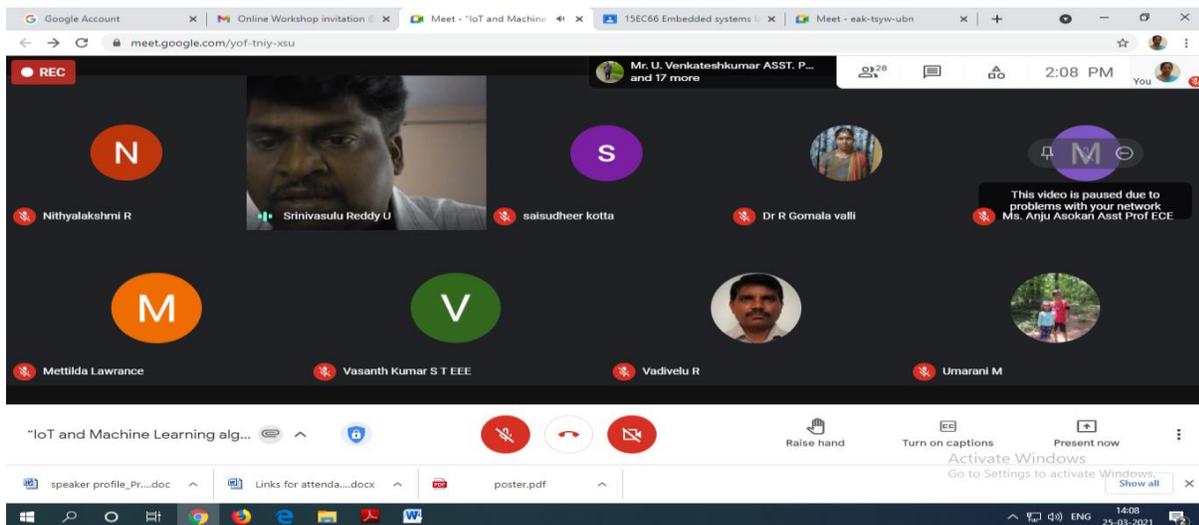
The Faculty Development Program was coordinated by Dr. A. Rajeswari, Professor and Head, Dr. M.Poongothai, Associate Professor, Ms. S.Dhanalakshmi, Assistant Professor, Dept. of ECE, Ms. R.Nithyalakshmi, Assistant Professor, Dept. of ECE CIT. Sixty Five (65) faculty members from AICTE Institutions, research scholars and students participated in the online workshop. Experts from Industries and Academic Institutions delivered the lectures.

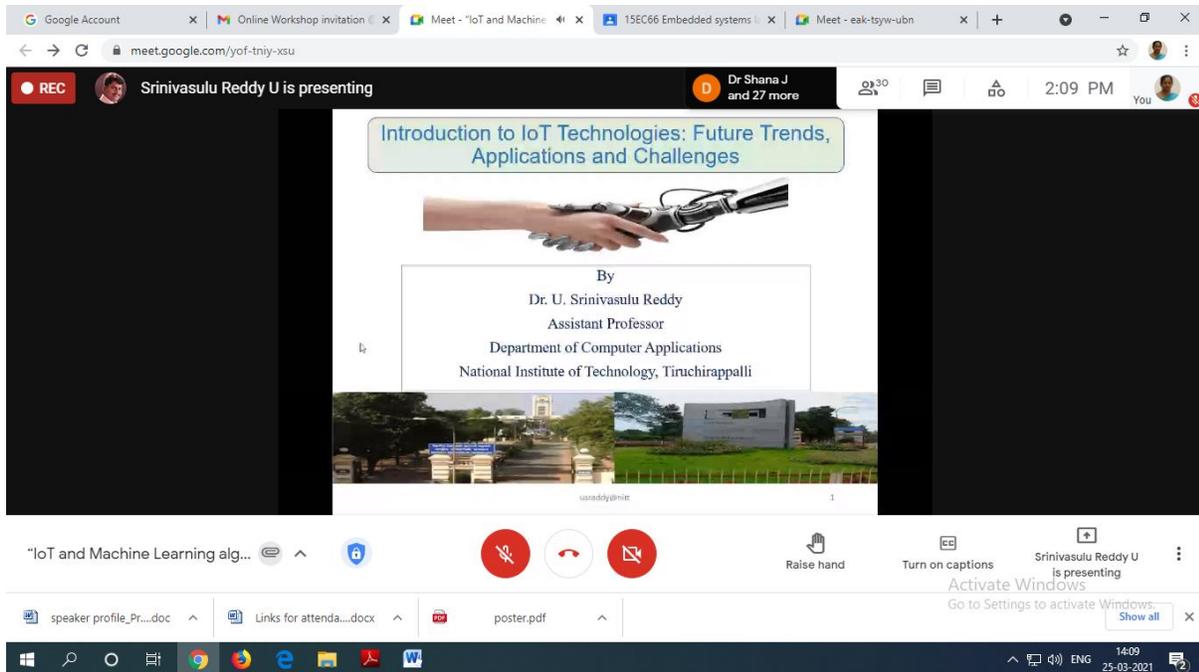
### DAY1:

A screenshot of a Google Meet session. The main window displays a presentation slide with the title "Dependable IoT" and the subtitle "Improving IoT sensor data quality through robust sensing". The presenter is identified as Akshay Nambi, Microsoft Research, India. The slide also features the Microsoft logo. The meeting interface shows a grid of participants, including Akshay S.N, Dhanalakshmi, SARAN KUMAR, Srinitha S, Dr Poongothai, suresh v, Kalaivani R, Vadivelu R, Dr Shana J, Balamurugan, Eswari P, and Dr.A.Andrew. The meeting controls at the bottom include options for "Raise hand", "Turn on captions", and "Akshay S.N is presenting". The system tray at the bottom shows the date and time as 10:06 AM on 25-03-2021.



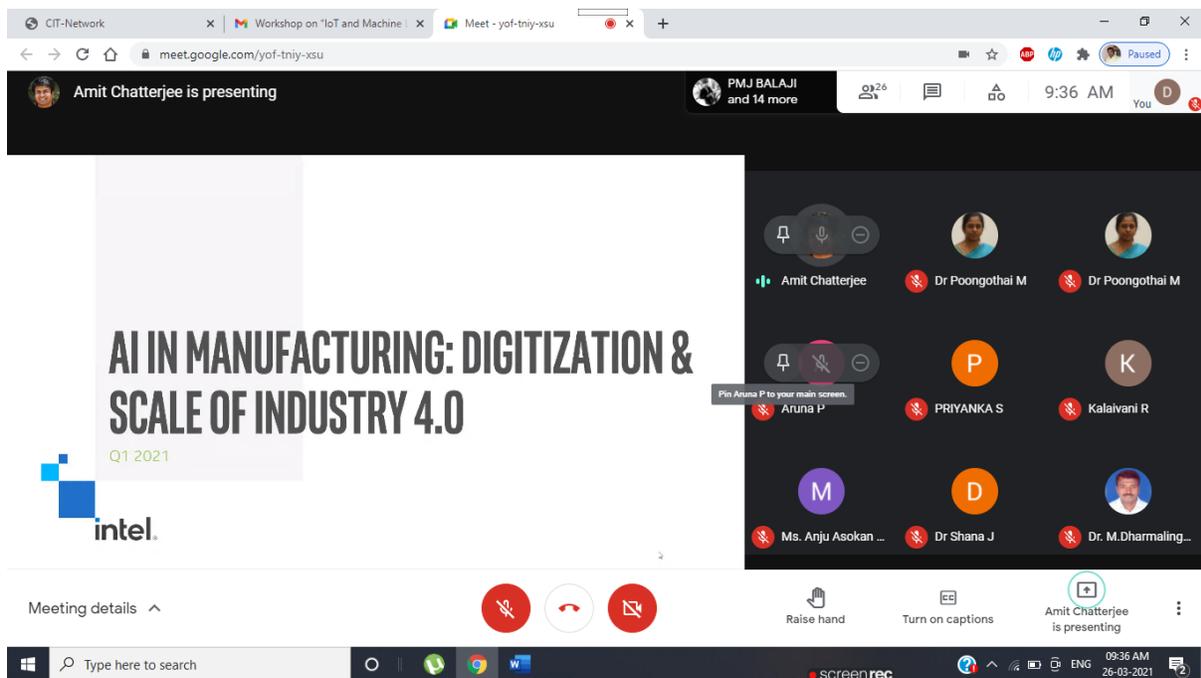
Dr. M. Poongothai, Associate Professor, gave a brief overview on the two days online workshop. Akshay Nambi, Senior Researcher, Microsoft, Bengaluru, gave a talk on **“Dependable IoT: Improving IoT sensor data quality through robust sensing”** which motivated the teaching community. Afternoon session was handled by Dr. U. Srinivasulu Reddy, Assistant Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli. He gave a talk on **“Introduction to IoT Technologies: Future Trends, Applications and Challenges”**.

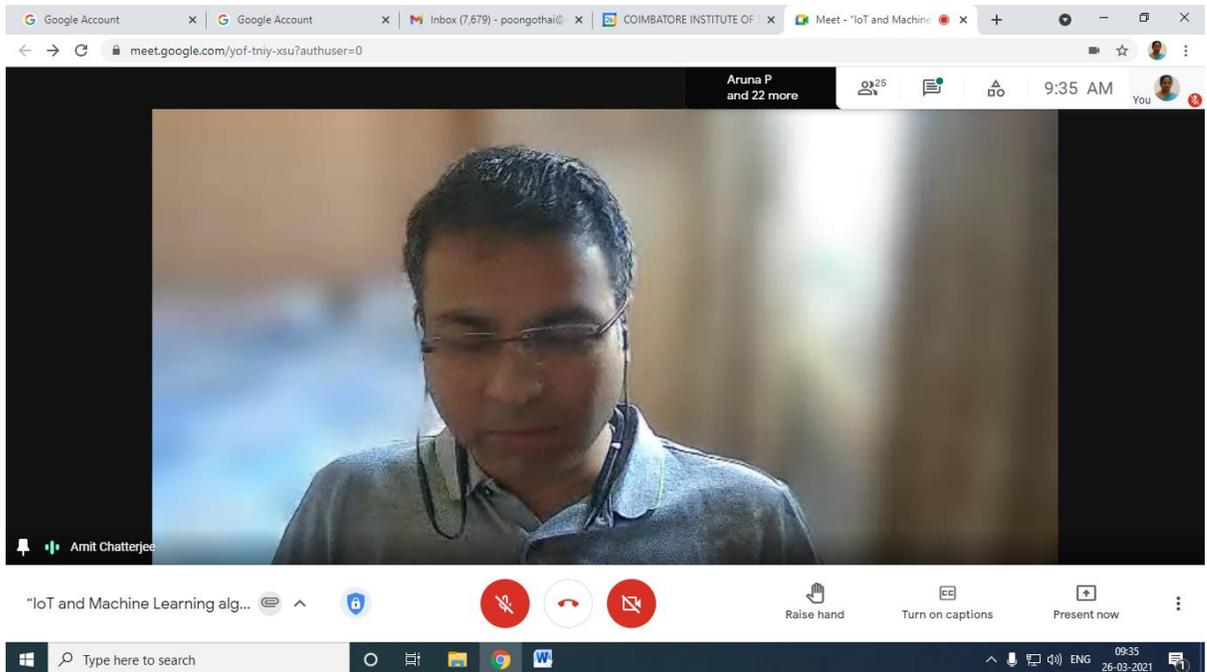




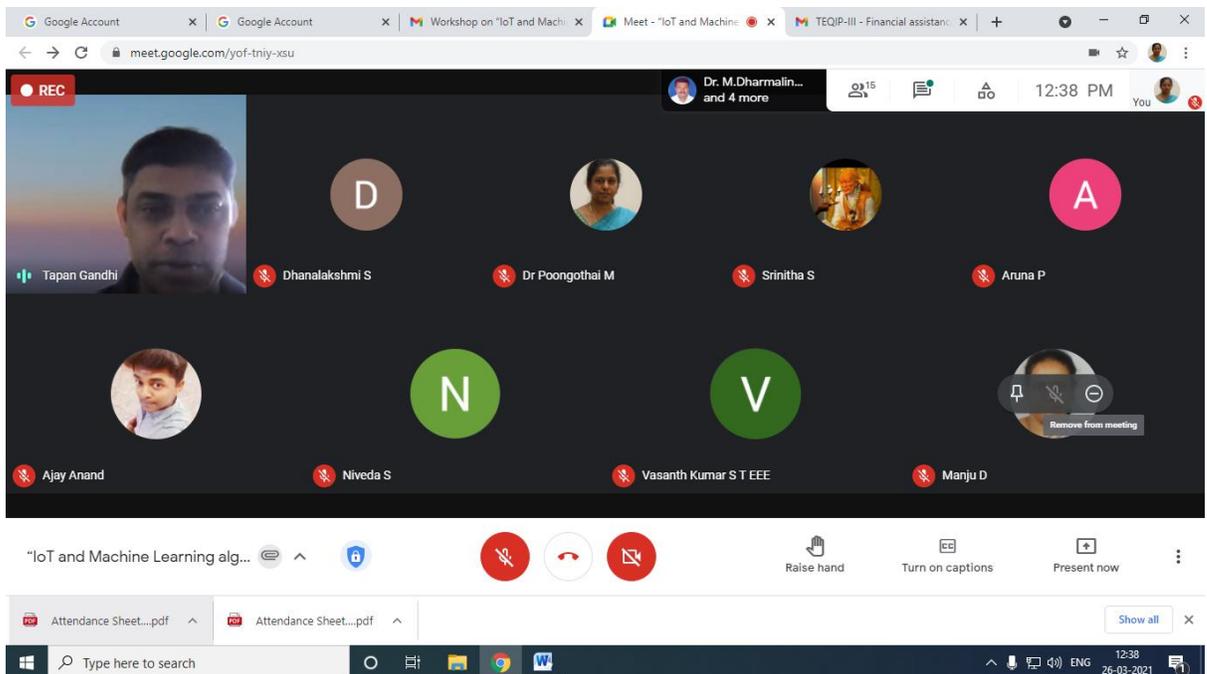
**DAY2:**

**Amit Chatterjee**, IoT Leader, Intel Corporation, Bengaluru working on scaling partner ecosystem and solutions, Bengaluru presented the topic on **“AI in manufacturing”**.





The afternoon session was handled by Dr. Tapan K. Gandhi, SMIEEE, FIETE, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, Delhi, gave a talk on **“Opportunities And Challenges in IoT Applications”**



Google Account x Google Account x Workshop on IoT and Machi x Meet - IoT and Machine x TEQIP-III - Financial assistanc x +

meet.google.com/yof-tniy-xsu

REC Tapan Gandhi is presenting Dr. STANLY FELL... and 4 more 16 12:38 PM You

# Challenges and Opportunities in IoT

Prof. Tapan K. Gandhi, Ph.D.  
Department of Electrical Engineering  
IIT Delhi  
Adjunct Faculty, IIT Roorkee  
Research Affiliate, MIT Cambridge  
tgandhi@iitd.ac.in, tgandhi@mit.edu

IIT D  
Indian Institute of Technology Delhi

Tapan Gandhi

Dhanalakshmi S

Dr Poongothai M

Srinitha S

Aruna P

Ajay Anand

Niveda S

Dr. M.Dharmalingam

Ya

"IoT and Machine Learning alg..."

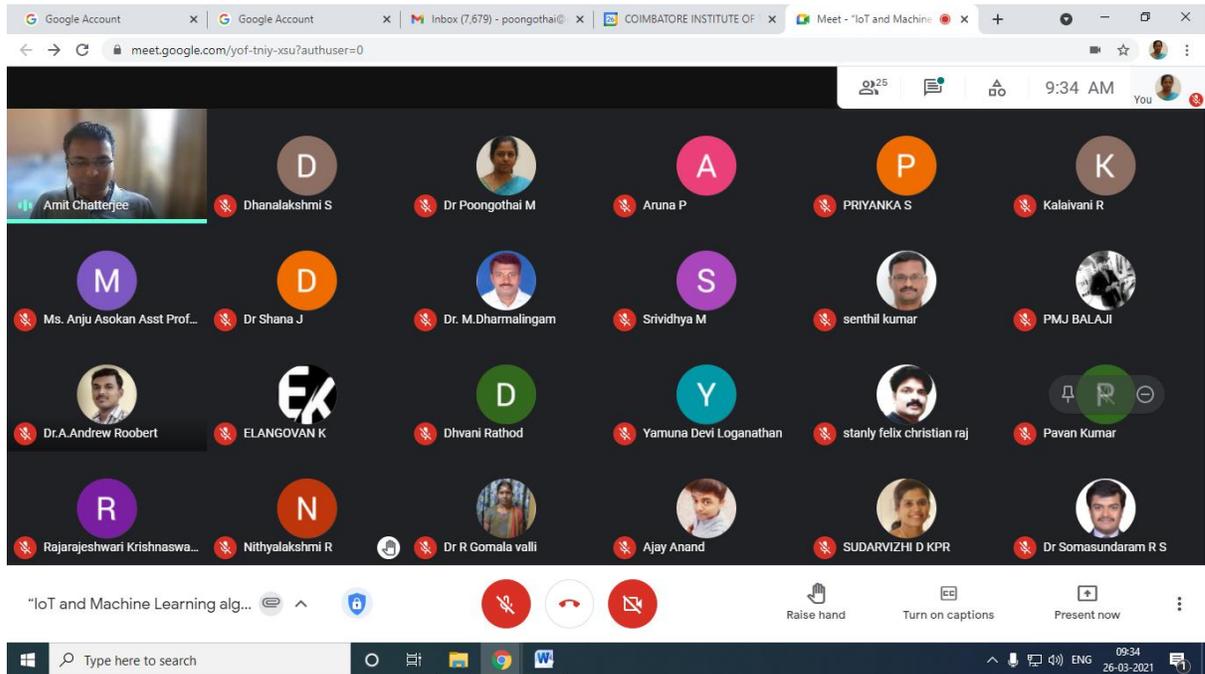
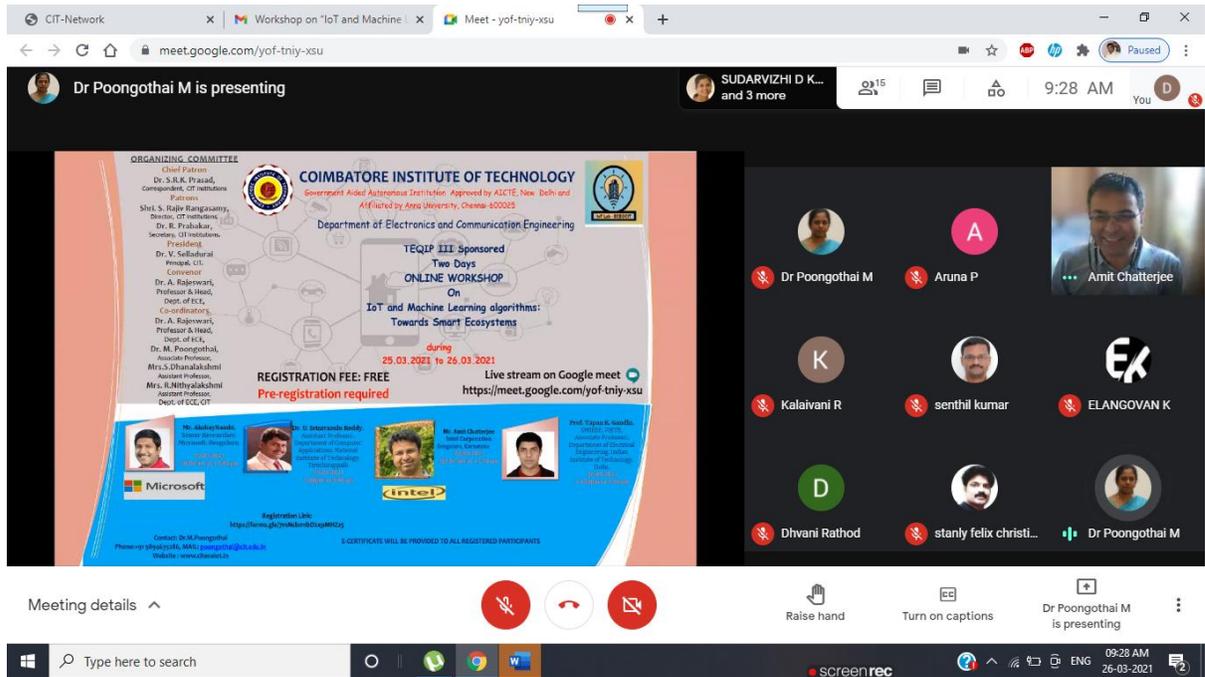
Raise hand Turn on captions Tapan Gandhi is presenting

Attendance Sheet...pdf Attendance Sheet...pdf Show all

Type here to search

12:38 26-03-2021

# Online Session Photos:



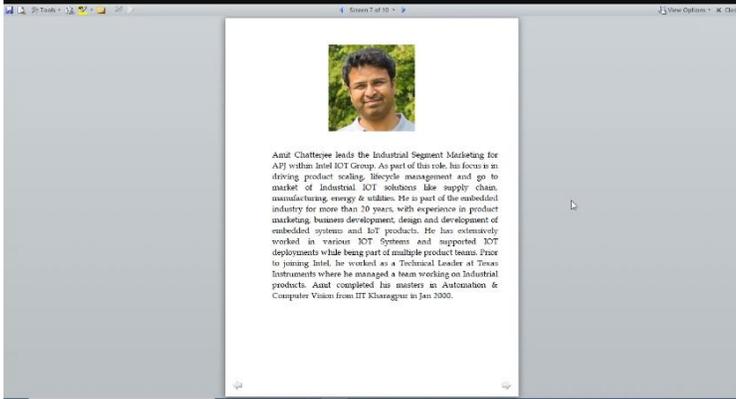
CIT-Network | Workshop on 'IoT and Machine Learning' | Meet - yof-tniy-xsu

meet.google.com/yof-tniy-xsu

Dr Poongothai M is presenting

Dr Somasundara... and 13 more

9:34 AM



Dr Poongothai M | Amit Chatterjee | Dr Poongothai M

PRIYANKA S | Aruna P | Kalaivani R

Ms. Anju Asokan | Dr Shana J joined

Meeting details

Raise hand | Turn on captions | Dr Poongothai M is presenting

Type here to search

screen rec

09:34 AM 26-03-2021

CIT-Network | Workshop on 'IoT and Machine Learning' | Meet - 'IoT and Machine Learning' | aka.ms.dependable-iot - Google

meet.google.com/yof-tniy-xsu

REC

Krishna Kumar Kana... and 6 more

44

10:27 AM

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