

TOPIC: THE JOURNEY OF AN ENTREPRENEUR

DATE: 29/09/2021

SPEAKER:

MR.R.ARUMUGAM

MANAGING DIRECTOR OF NILA SOAP FACTORY

EVENT COORDINATORS:

Mr.S.BALASUBRAMANIAN, ASSOCIATE PROFESSOR/ECE

Mr.K.P.SRIRAM, ASSESTENT PROFESSOR/CSE

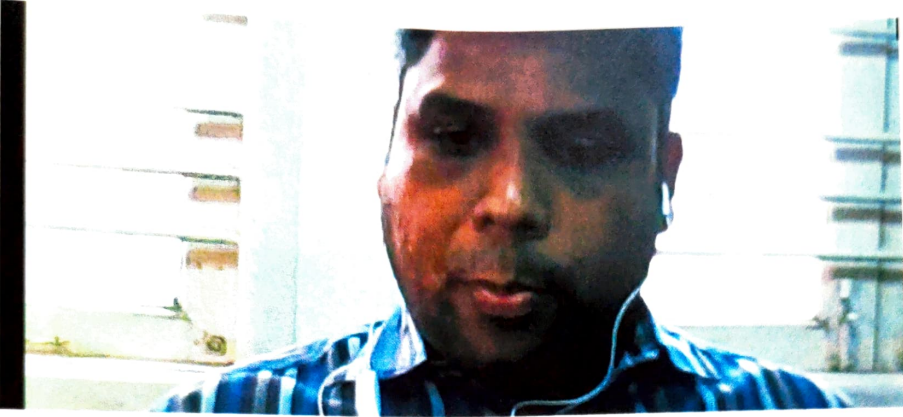
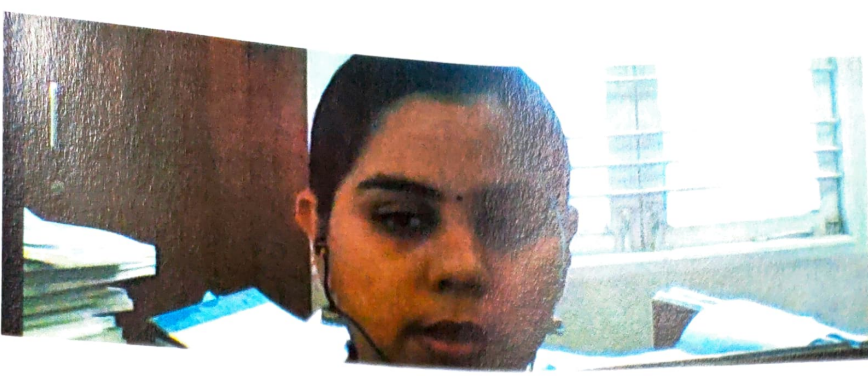
The program started with a prayer song, sung by Ms.Uthra.T.K of III year ECE B. The welcome address was given by Dr.Babiyola of ECE DEPARTMENT. The introduction about the speaker was given by Mr.Balasubramanian, the YRC coordinator of the college. The chief guest **Mr.ARUMUGAM.R** Managing director of Nila Soap gave an inspiring speech on the topic **THE JOURNEY OF AN ENTREPRENEUR**. His father was the biggest reason for him to selfstand in the very young age and how to be independent. He started working in a pharmacy as a part time worker. He told us how he managed both his academics and work. He also shared how he became an inspiration for his children and how they are setting up their career along with him.

He shared his experience as, "A company is a group of people that are organized to create a product or service. That's what a company is. So in order to create such a thing, you have to convince others to join you in your effort and so they have to be convinced that it's a sensible thing, that basically there's a some reasonable chance of success and if there is success, the reward will be commensurate with the effort involved. And getting people to believe in what you're doing – and in you – is important. In the beginning there will be few people who believe in you or in what you're doing but then over time, as you make progress, the evidence will build and more and more people will believe in what you're doing".

He concluded his speech with a piece of advice to the students to start their career with a part time job and suggested to be self-reliant.

"Pessimists spend a lifetime waiting for perfection while finding imperfections in everything. Entrepreneurs commit to something imperfect and spend their lifetime perfecting it."

Lastly, the vote of thanks was provided by Dr.Sandhya.M.K. To conclude, this program was hugely enlightening and uplifting for both the students and faculty.





**INSTITUTION'S INNOVATION COUNCIL
AND
ENTREPRENEURSHIP DEVELOPMENT CELL**

ORGANISING A WEBINAR TITLED

"THE JOURNEY OF AN ENTREPRENEUR"

SPEAKER:

Mr. R. ARUMUGAM

MANAGING DIRECTOR

NILA SOAP FACTORY & EXPORTS

NILA BEAUTY CARE & RAMYA OFFSET PRINTERS

SIVAKASI TAMIL NADU

COORDINATORS

S.BALASUBRAMANIAN, ECE K.P.SRIRAM, IT

DATE: 29.09.2021

TIME: 11AM - 1PM



MEETING ID : 893 2863 6516

PASSWORD : uAL3pX

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**K.S.BABAI
SECRETARY**

**Mr. N.SREEKANTH
IIC PRESIDENT**

**Dr. P.K.SURESH
PRINCIPAL**

**Dr. K.UMARANI
DEAN ACADEMIC**

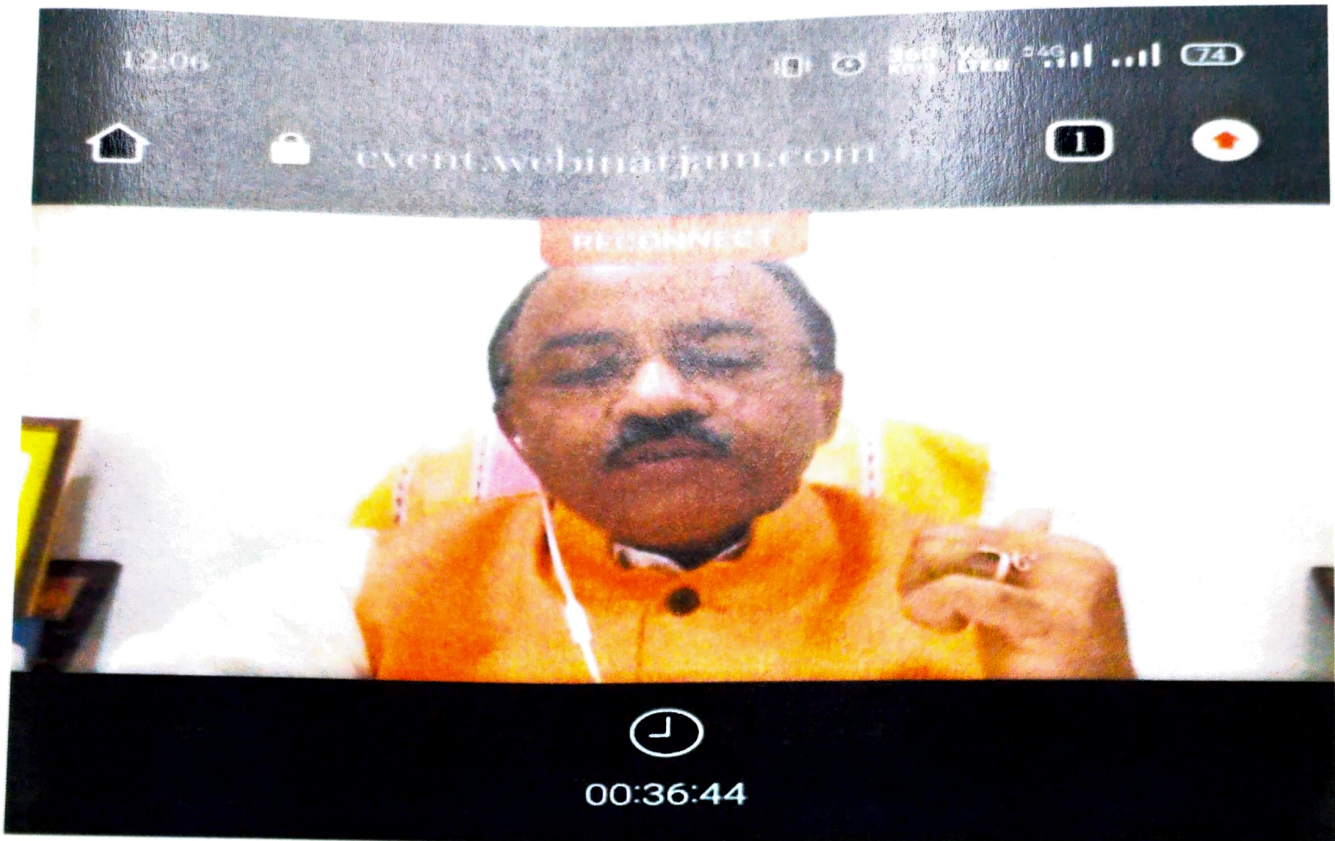
JOURNRY OF AN ENTREPRENEUR

Name of the event	“JOURNRY OF AN ENTREPRENEUR”
Date of the event	22 JUNE 2020
Location of the event	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE (online mode)
Number of person attended	250
Speaker	Mr.Muthiah Pillai, CEO, Bits Computer System, Chairman, RECT Polytechnic college

On June 22nd department of Electronics and communication Engineering conducted a webinar on “Journey of an Entrepreneur”. The webinar was opened to the gathering at 11:30 AM. The event began with a welcome address by Mr.S.Balasubramanian, Asso.Prof, followed by Chief guest introduction. Dr. A.Babiyola, Prof introduced the Chief Guest Mr.Muthiah Pillai, CEO, Bits Computer System, Chairman, RECT Polytechnic college.

Mr. Muthiah gave a brief introduction about himself and how he started his career. He shared different aspects of his journey in life which led him to become a successful entrepreneur. He gave a mindblowing speech about how to conquer achievements in life. The participants had an opportunity to clarify their queries with the speaker who addressed each query patiently. The question answer session was an inspiring and motivating session.

Around 500 participants from various engineering colleges attended the session. On concluding note Mr.Balasundaram, Asst.Prof, thanked the speaker for spending his valuable time, informative, motivational speech and the participants who contributed to the success of the webinar.



Mrs. Jyotshna.M

Participants kindly post your queries in the chat box, your queries will be addressed at the end of the session.

Mrs. Jyotshna.M

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Mrs. Jyotshna.M

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Mr. Elangovan.S

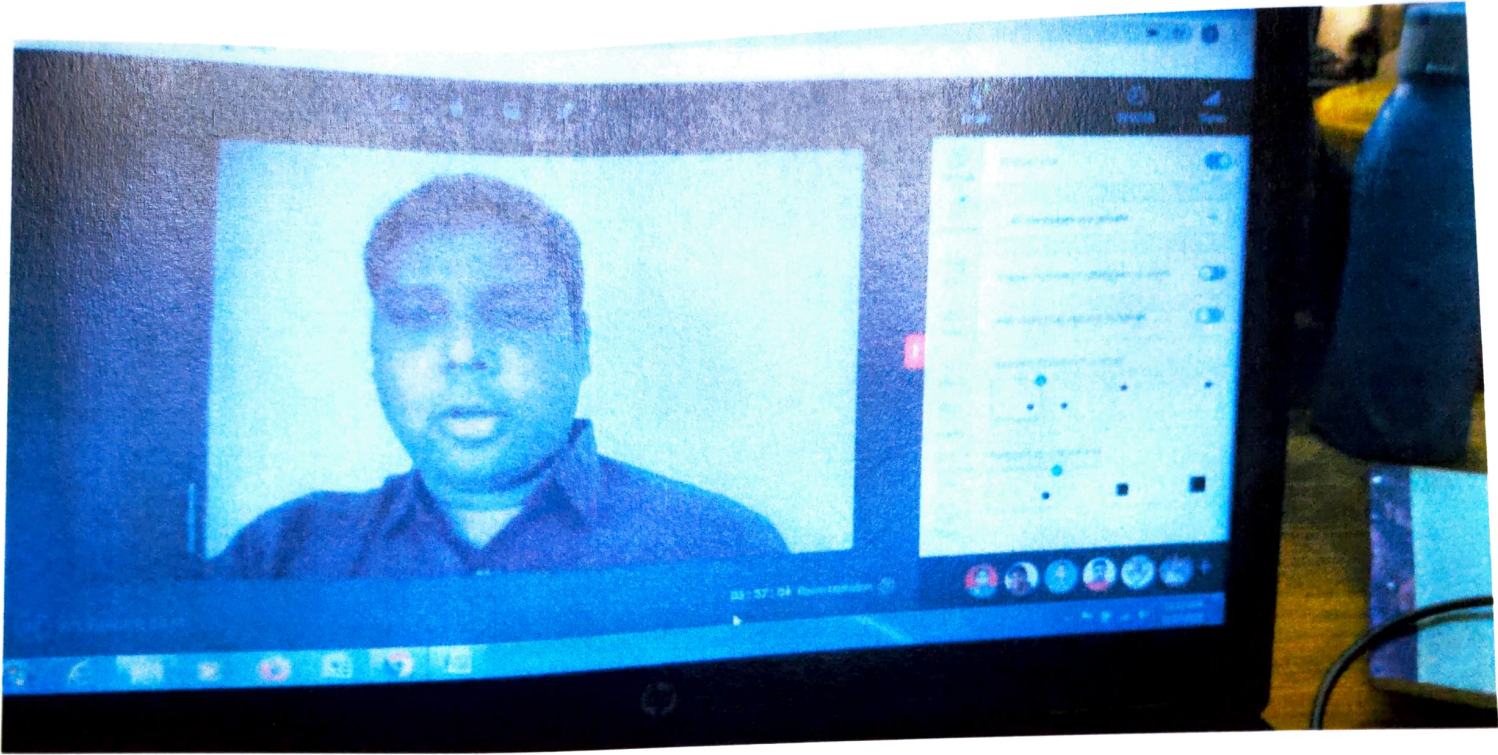
Participants post your queries in the chat box.

Send to admin only... ●●●

Chat mode 

Type your comment...





J. S.

PRINCIPAL
MEENAKSH SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 624

Webinar on Building A Career After Engineering

The department of Electronics and communication Engineering conducted a webinar on the topic “**BUILDING A CAREER AFTER ENGINEERING**” on **22/06/2020**. The event started with a prayer song followed by a welcome address given by Dr.A.Babiyola, Asst.Professor.

Choosing a career out of any stream of education is a decision where a person needs to be aware of his/her future requirements. There are lots and lots of options to choose after completing education, but making the right decision is something very essential. Most of the people get confused at the end of their education. One of the most confusing states of choosing the right option is after engineering.

The speaker Mr.E.Rajesh Kumar, Senior QA engineer in NORTANLIFELOCK and also alumni president of MSEC explained about the importance of getting placed in a company and what would be the expectations of the resource persons. Even after completing engineering if anyone didn't receive the level of approach from his / her dream company where they wanted to work and build their career. Then it would be best for those people if they start their own small business. Because sometimes getting any job just for the sake of earning money might screw things up in one's life.

It would be better for those engineers to start their own career, which can satisfy them in all manner. He also advised on choosing a Masters degree after engineering. The session moved to the next level by answering the queries asked by students. The webinar ended up with a vote of thanks.





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)

363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING

ORGANIZES

A WEBINAR on

BUILDING A CAREER AFTER ENGINEERING

CONVENOR

Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS

Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Ms.Siji Sivanandan
HOD-ECE, MSEC

SPEAKER



Mr.E.Rajesh Kumar
Senior QA Engineer,
NORTANLIFELOCK

CO-ORDINATORS

Dr.A.Babiyola
Mr.S.Balasubramanian
Mr.A.Joseph

For Registration



DATE: 19/6/2020 TIME: 3 PM - 4PM

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E-Certificates will be Provided



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Timestamp	Email Address	Score	FULL NAME (in block letters)	INSTITUTION/ORGANISATION	HOW HELPFUL WAS THE WEBINAR	HOW WOULD YOU RATE THE WEBINAR	HOW LIKELY IS THAT YOU WILL ATTEND / JOIN ANY OTHER COMMENT
6/19/2020 16:22:06	8restulaj@gmail.com		N RESTULA JAYASRI P	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	4 YES YES
6/19/2020 16:22:06	8restulaj@gmail.com		R. SRESTHITHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES YES
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6/19/2020 16:25:25	kiamanah719@gmail.com		P P KAMESH	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES YES
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6/19/2020 16:25:44	karthik1151@gmail.com		K KARTHIK V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES YES
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6/19/2020 16:26:26	madhumitha_sundararaj@gmail.com		M MADHUMITHA S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES YES
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6/19/2020 16:28:00	ashwinikumari1015@gmail.com		A ASHWINKUMAR R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES YES
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6/19/2020 16:28:26	madhuraravanan7@gmail.com		M MADHUMITHA S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES YES
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6/19/2020 16:28:28	gouthamgopalan1056@gmail.com		C C GOWTHAM	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES YES
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6/19/2020 16:28:32	lalanathya@gmail.com		B B NITHYA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5 YES YES
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6/19/2020 16:31:21	kamran2001@gmail.com		A AMRITHA K	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES YES
6/19/2020 16:31:23	sowjanya0803@gmail.com		S SOWJANYA A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5 YES YES
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6/19/2020 16:35:42	sneegasakran0606@gmail.com		O B. SNEGA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES YES
6/19/2020 16:35:50	sreeram567@gmail.com		S Sreeram GR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES YES
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6/19/2020 16:36:43	dhayajay2001@gmail.com		O DHDYAVANDHI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 NO YES
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6/19/2020 16:39:30	svikesa2000@gmail.com		O LOKESH S	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	4 NO YES
6/19/2020 16:43:35	harithaharadhas44@gmail.com		O H HARTHITHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	3 YES YES
6/19/2020 16:46:54	maddy1.mehra@gmail.com		O MAHENDRAN S S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 NO YES

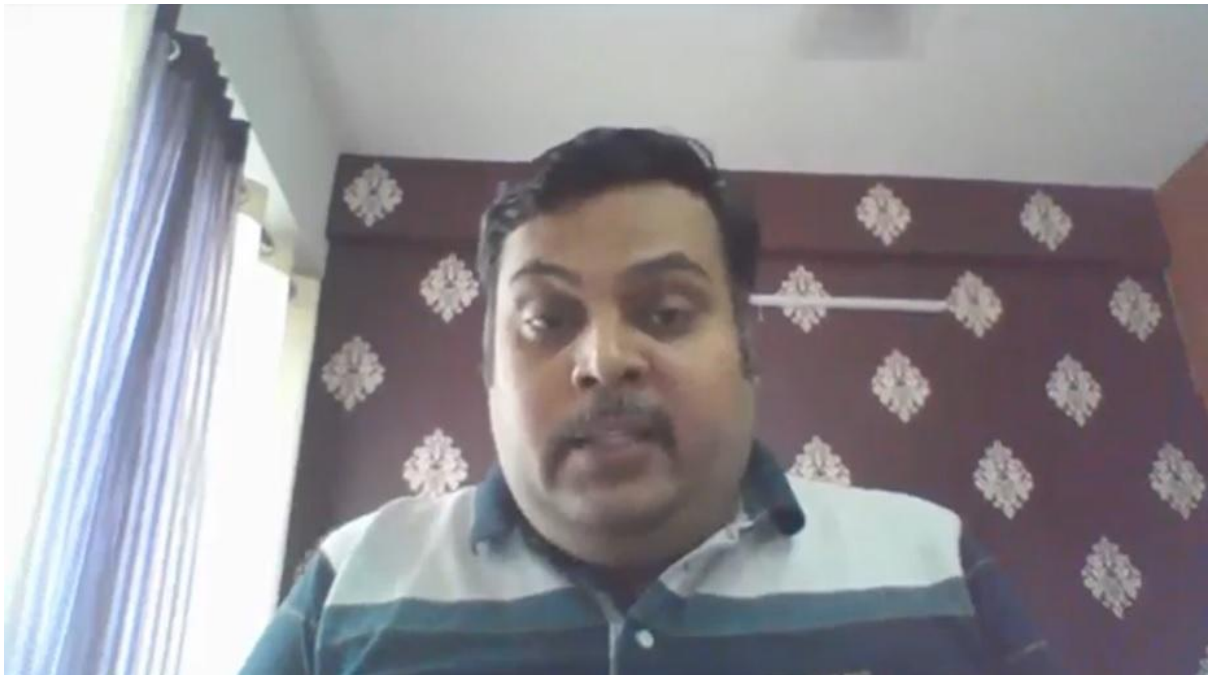

PRINCIPAL
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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

Webinar on Radar Technologies

On June 20nd department of Electronics and communication Engineering conducted a webinar on “Radar technologies”. The webinar was opened to the gathering at 10:00 AM to 11 AM. The event began with a welcome address by Mr.S.Balasubramanian, Asso.Prof, followed by Chief guest introduction. Dr. A.Babiyola, Prof introduced the Chief Guest Mr.J Senthil Rengarajan, SCIENTIST F,DRDO,Bengaluru.

Mr.J Senthil Rengarajan gave a brief introduction about himself and how he started his career. He shared different aspects of his journey in life which led him to become a successful technologies. We start our a discussion on the most promising upcoming developments in this field: the impact of digitalisation, the latest-generation radar principle, radar applications to support sustainable development and, in the longer term, quantum radars. The participants had an opportunity to clarify their queries with the speaker who addressed each query patiently. The question answer session was an inspiring and motivating session.

Around 200 participants from various engineering colleges attended the session. On concluding note Mr.Balasundaram, Asst.Prof, thanked the speaker for spending his valuable time, informative, motivational speech and the participants who contributed to the success of the webinar.





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)

363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ORGANIZES

A WEBINAR on

RADAR TECHNOLOGIES

SPEAKER

CONVENOR

Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS

Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Ms.Siji Sivanandan
HOD-ECE, MSEC



Mr.J.Senthil Rengarajan
SCIENTIST F,
DRDO, Bengaluru

CO-ORDINATORS

Dr.A.Babiyola
Mrs.B.Saraswathy
Mr.S.Elangovan

For Registration



DATE: 20/6/2020 TIME: 10AM - 11AM

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E-Certificates will be Provided.



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Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WOULD ATTEND ANY OTHER COMMENT	MOBILE NUMBER		
6/20/2020 11:03:33	varsha.v.284@gmail.com		V.VARSHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	This was a very thought-provoking session and we got to kr	8939105359
6/20/2020 11:03:34	sivaranjaniece@sethu.ac.in		R.Sivaranjani	SETHU INSTITUTE OF TECH	SOMEWHAT HELPFUL	GOOD	2 YES	YES		9629389872
6/20/2020 11:03:34	akashraja2018@gmail.com		AKASH R	H H THE RAJAHS COLLEGE	VERY HELPFUL	VERY GOOD	2 YES	YES	Nil	6386792114
6/20/2020 11:03:36	janani39537@gmail.com		JANANI R	VELS INSTITUTE OF SCIOEN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		7358504260
6/20/2020 11:03:36	mohanasundarm2000@gmail.com		MOHANA SUNDARAM S	MURUGAPPA POLYTECHNIC	VERY HELPFUL	EXCELLENT	2 YES	YES	Very good session	9003168321
6/20/2020 11:03:37	sarvamkumaran@gmail.com		D.MUTHUKUMARAN	SCSVMV UNIVERSITY	VERY HELPFUL	VERY GOOD	1 YES	YES		8220328494
6/20/2020 11:03:41	boddulavijayalakshmi86@gmail.com		VJAYA LAXMI BODDULA	VAAGDEVI ENGINEERING C	VERY HELPFUL	VERY GOOD	1 YES	YES		9666012947
6/20/2020 11:03:44	gukan.r.s@gmail.com		GUKAN R	VELs institute	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Nice one	8680810837
6/20/2020 11:03:44	sugirthasuni@gmail.com		Dr. N. Y. SUGIRTHA SUNI	NOORUL ISLAM CENTRE F	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9487746291
6/20/2020 11:03:48	anandharis72@gmail.com		A.HARI HARAN	VELS UNIVERSITY	VERY HELPFUL	VERY GOOD	2 YES	YES		8667848313
6/20/2020 11:03:49	dhanushkumarm304@gmail.com		M. DHANUSHKUMAR	KALASALINGAM INSTITUTE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Useful session	8124283543
6/20/2020 11:03:50	vinpriyabala@gmail.com		Dr.S.VINAYAGAPRIYA	St.Joseph's College of Engin	VERY HELPFUL	VERY GOOD	2 YES	YES	No comments	9442585670
6/20/2020 11:03:51	rathesudhaya@gmail.com		L.LUDHAYALAKSHMI	Satyam college of Engineerir	VERY HELPFUL	EXCELLENT	5 YES	YES	Very informative	9786975308
6/20/2020 11:03:51	josephesra@gmail.com		Mr. A. Joseph Sathiadhas	Meenakshi Sundararajan Eng	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES		9884465838
6/20/2020 11:03:52	acme.kayalvizhi87@gmail.com		N. KAYALVIZHI	Sethu institute of technology	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Overall presentation was good and neat	9566521614
6/20/2020 11:04:00	thendral2082@gmail.com		N THENDRAL	MEENAKSHI COLLEGE OF I	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9486619380
6/20/2020 11:04:01	gomathi@savetha.ac.in		V.GOMATHI	SAVEETHA ENGINEERING C	VERY HELPFUL	VERY GOOD	2 YES	YES		9941004561
6/20/2020 11:04:03	svagaff@gmail.com		S.SIVA KUMAR	PERI INSTITUTE OF TECHN	EXTREMELY HELPFUL	VERY GOOD	5 YES	YES	Get correct reply to the questions	8838766940
6/20/2020 11:04:04	sowmibuvanesh2002@gmail.com		SARANYA.S	MURUGAPPA POLYTECHNIC	VERY HELPFUL	EXCELLENT	1 YES	YES		9994308211
6/20/2020 11:04:04	mohamedfarooq108@gmail.com		Mohamed Farooq I	Meenakshi Sundararajan Eng	VERY HELPFUL	VERY GOOD	4 NO	YES		9445366652
6/20/2020 11:04:07	sowmi.natarajan@gmail.com		N SOWMIYA	MISRIMAL NAVAJEE MUNO	VERY HELPFUL	VERY GOOD	1 YES	YES	Good session	9940938533
6/20/2020 11:04:09	jaze2812@gmail.com		JABEZ KIRUBA.S	JP College of Engineering	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Good	+919444842828
6/20/2020 11:04:12	swethamani7777@gmail.com		SWETHA.S	ER-PERUMAL MANIMEKALAI	VERY HELPFUL	GOOD	1 YES	YES	NO	9195395557
6/20/2020 11:04:13	sarany64@gmail.com		SARAVANAN.S	Murugappa Polytechnic Colle	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very informative session	6374069298
6/20/2020 11:04:16	gyrece89@gmail.com		VENKATA RAMANAIAH GAN	PSCMR College of Engineeri	VERY HELPFUL	VERY GOOD	1 YES	YES	No comments	9863244808
6/20/2020 11:04:18	antolinann0201@gmail.com		ABI ANTOLIN S	ST.JOSEPH'S COLLEGE OF V	HELPFUL	VERY GOOD	3 YES	YES	No	9361313864
6/20/2020 11:04:19	preethi120598@gmail.com		PREEETHI.M	PONDICHERRY UNIVERSIT	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	good and excellent	9487205317
6/20/2020 11:04:20	aqelmohammed26@gmail.com		AQEL MOHAMMED S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES		8072258597
6/20/2020 11:04:29	anursawanti152@gmail.com		SAWANT ANURAG	MET BKC POLYTECHNIC N	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	EXTREMELY HELPFUL	9545689348
6/20/2020 11:04:31	tharaneeswartharishnan98@gmail.com		THARANEESWAR H	PERI INSTITUTE OF TECHN	VERY HELPFUL	EXCELLENT	3 YES	YES		09566537251
6/20/2020 11:04:34	svajec@gmail.com		SIVAKUMAR K	SRI RANGANATHAR INSTIT	VERY HELPFUL	VERY GOOD	1 YES	YES		9941409948
6/20/2020 11:04:34	swapna409@gmail.com		K.SWAPNA	VAAGDEVI COLLEGE OF EN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Good session	9491319626
6/20/2020 11:04:35	vishalbala20@gmail.com		VISHAL B	Meenakshi Sundararajan eng	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Excellent	8825755856
6/20/2020 11:04:43	divyabhuvaneshwari2000@gmail.com		M.DIVYA	VI INSTITUTE OF TECHNOL	VERY HELPFUL	VERY GOOD	3 YES	YES	Interesting session	9597829405
6/20/2020 11:04:53	manobalasaakthivel25@gmail.com		S.MANOBALA	SETHU INSTITUTE OF TECI	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Really helpful to get basic and interior knowledge about Rac	834428515
6/20/2020 11:04:56	kanitamilselvi123@gmail.com		M.SELVI	VI INSTITUTE OF TECHNOL	VERY HELPFUL	VERY GOOD	3 YES	YES	No comment it will be help full for me thank you so much	7094273525
6/20/2020 11:05:26	pariksourabh10@gmail.com		PARIK SOURABH RAJENDR	GOVERNMENT POLYTECHN	VERY HELPFUL	VERY GOOD	2 YES	YES		9766155546
6/20/2020 11:05:58	iamchinnaa@gces.edu.in		R.CHINNA	GOVERNMENT COLLEGE C	VERY HELPFUL	VERY GOOD	2 YES	YES		9843248702
6/20/2020 11:06:27	maanawas@gmail.com		MAANASWINI.K	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES	Good session	9444463057
6/20/2020 11:06:32	nagajothibaskar@gmail.com		M.B.NAGAJOTHI	DHANALAKSHMI SRINIVAS	VERY HELPFUL	VERY GOOD	2 YES	YES	very helpful to me.Thanks for your opportunity.	9080204076
6/20/2020 11:08:06	komalbar124@gmail.com		KOMAL BAR	SHREE PANDIT HATHULAL	VERY HELPFUL	VERY GOOD	1 YES	YES	Good experience	9558745090
6/20/2020 11:08:24	vels2185@gmail.com		VELU A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Great experience and knowledge sharing.	9884246749
6/20/2020 11:08:29	kpekerthana03@gmail.com		KEERTHANA.K.P	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		9962197787
6/20/2020 11:08:40	megha.jk.35@gmail.com		MEGHA K	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES		7338909783
6/20/2020 11:08:44	kumar04.ace@gmail.com		M.KUMAR	Er.PERUMAL MANIMEKALAI	VERY HELPFUL	VERY GOOD	4 YES	YES		9976248828
6/20/2020 11:09:08	karthikap9799@gmail.com		P.KARTHIKA	H. H. THE RAJAHS COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	This webinar is very useful to me. Thank you.	9159616258
6/20/2020 11:09:24	sec92ec01@sairamtp.edu.in		R.DHARSHINIPRIYA	SRI SAIRAM ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		8838814870
6/20/2020 11:09:30	sowmiyaramesh05@gmail.com		R.SOWMIYA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	5 YES	YES	May be more useful if webinar is in technical topics	7358405116
6/20/2020 11:09:32	nchema@gmail.com		N.HEMVAATHY	VELAMMAL ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		09444282093
6/20/2020 11:09:38	konadeshivanand27@gmail.com		SHIVANAND BHIMASHANK	G V Acharya college shelu M	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	No	8689871081
6/20/2020 11:09:40	arvisha267@gmail.com		ARVIND.S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		6382405453
6/20/2020 11:09:44	ejazahmed4688@gmail.com		EJAZ AHMED. J	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES		9790894999
6/20/2020 11:09:59	saisrikancharla517@gmail.com		KANCHARLA SAI SRI	SAI SPURTHI INSTITUTE OF	VERY HELPFUL	EXCELLENT	1 YES	YES	No	8184879562
6/20/2020 11:10:09	ashwinirayar@gmail.com		Ms. ASHWINI RAYAR	K.L.E SOCIETY'S JAGADGU	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Very informative session	9663106225
6/20/2020 11:10:10	kumaran7kishore@gmail.com		Kishore Kumaran	Missile Inglenator	VERY HELPFUL	EXCELLENT	4 YES	YES	Good slides & presented well	9080191938
6/20/2020 11:10:16	smruthuram01@gmail.com		R. SMRUTHI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		9361791640
6/20/2020 11:10:20	balaakashayasuresh98@gmail.com		Balaakashaya	Meenakshi sundararajan engi	VERY HELPFUL	GOOD	3 YES	YES		7385953654
6/20/2020 11:10:28	555anlimasingh@gmail.com		ANTIMA SINGH	Govt.L.B.S PG College Vidsh	VERY HELPFUL	VERY GOOD	1 YES	YES	NA	9111500292
6/20/2020 11:10:36	sgridharan06@gmail.com		Gridharan S	Meenakshi sundararajan eng	VERY HELPFUL	VERY GOOD	4 YES	YES	It was useful	0824885291
6/20/2020 11:10:50	sbhagya001@gmail.com		SOWBHAGYAMMA.H.M.	P.V.P.POLYTECHNIC	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9900709034
6/20/2020 11:11:07	mail2bavani.s@gmail.com		BAVANI S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		9710636344
6/20/2020 11:11:10	karthi1704@gmail.com		KARTHIKEYAN R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	4 YES	YES		6383974484
6/20/2020 11:11:15	kaavyaramesh2019@gmail.com		Mrs. KAAVYA RAMESH	MOHAMED SATIAK A J COI	VERY HELPFUL	GOOD	4 YES	YES	Good	7981658680
6/20/2020 11:11:29	1911034@nec.edu.in		S.M.NAVEENA	NATIONAL ENGINEERING C	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	No	6369624865
6/20/2020 11:11:55	pinkigalkwad75@gmail.com		SHUBHANGI SUBHASH GAI	GOVERNMENT POLYTECHN	VERY HELPFUL	EXCELLENT	1 YES	YES	No	9423775227
6/20/2020 11:12:07	faizuddin17801@gmail.com		MOHAMMED FAUZIDDIN	ARKAY COLLEGE OF ENGIN	EXTREMELY HELPFUL	GOOD	5 YES	YES	Very poor managing and answering of queries...pls fix it in fi	9494312501
6/20/2020 11:12:19	neveythihaasivakumar@gmail.com		NEVEYTHITHAA. S	PSG POLYTECHNIC COLLE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Wonderful session and interesting too	9025270115
6/20/2020 11:12:23	gethziil33@gmail.com		PRAVEENA V	DR MGR JANAKI COLLEGE	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Good	9790591640
6/20/2020 11:13:03	belsia1131@gmail.com		MARGARET BELSIA E	MADRAS INSTITUTE OF TEI	EXTREMELY HELPFUL	EXCELLENT	3 YES	YES		9080770591
6/20/2020 11:13:09	kodimisc@gmail.com		Ms.N. POONGODI	V. Ramakrishna Polytechnic	C SOMEWHAT HELPFUL	GOOD	3 YES	YES		9444456754
6/20/2020 11:13:20	bhaskerapeee@gmail.com		BHASKER K	Meenakshi Sundararajan Eng	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES		9840629126
6/20/2020 11:14:04	ananthalakshmi.ace@gmail.com		ANANTHALAKSHMI	MEENAKSHI COLLEGE OF I	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9790809629
6/20/2020 11:14:07	sharan.chap9@gmail.com		Dr. Sharanappa Chapi	K.L.E. Society Jagadguru To	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Good	09964335057
6/20/2020 11:14:07	umeshahire831@gmail.com		UMESH NANDULAL AHIRE	MGV'S SPH COLLEGE OF P	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	8698550831
6/20/2020 11:14:36	priyarejendran23@gmail.com		R PRIYA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	1 YES	YES	No	9791047097
6/20/2020 11:14:45	pdharshini48@gmail.com		PRIYADHARSHINI G	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES		9943615698
6/20/2020 11:14:53	ananthi@newprinceshbihava		ANANTHIL S	NEW PRINCE SHRI BHAVAN	VERY HELPFUL	VERY GOOD	4 YES	YES	WELL ORGANIZED	9944254027

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WOULD ATTEND ANY OTHER COMMENT	MOBILE NUMBER
6/19/2020 18:52:55	prathiba2992@gmail.com	0	Prathiba	Msec	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/19/2020 19:03:33	sindhusathiamurthy@gmail.co	0	S.SINDHU	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/19/2020 20:09:33	sindhusathiamurthy@gmail.co	0	S.SINDHU	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/19/2020 21:59:36	bsaraswathy.ram@gmail.com	0	B.SARASWATHY	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 8:52:38	babianand2002@gmail.com	0	Dr. A BABYOLA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:03	mahalakshmi312002@gmail.c	0	MAHALAKSHMI D	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:04	sheryradley@gmail.com	0	Dr. SHERYL RADLEY	MEENAKSHI COLLEGE OF I	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:04	valliammaiselvakumar27@gm	0	VALLIAMMAI S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:01:12	aathirai@egspec.org	0	AADHIRAI S	E.G.S PILLAY ENGINEERIN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:18	sdharini27@gmail.com	0	S.DHARINI	St.JOSEPHS COLLEGE OF	VERY HELPFUL	VERY GOOD	4 NO	YES
6/20/2020 11:01:21	vaibhavsingh.commando@gm	0	VAIBHAV SINGH	TRUBA INSTITUTE OF ENGI	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:01:22	frankece@gmail.com	0	DEEPAKFRANKLIN P	SRIRAM ENGINEERING CO	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:01:23	sce19ec042@sairamtap.edu	0	ABHISHEK B	SRI SAIRAM COLLEGE OF I	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:23	rajeswaris-ee@saranathan.s	0	Dr. S. RAJESWARI	Saranathan College of Engin	VERY HELPFUL	GOOD	4 YES	YES
6/20/2020 11:01:24	jaideepika2001@gmail.com	0	J. DEEPIKA	SRI RANGANATHER INSTIT	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:01:25	rani.nisha@gmail.com	0	Nisha Rani S N	FATIMA MICHAEL COLLEGE	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:26	mail2pk1508@gmail.com	0	KALANIDHI PALANI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES
6/20/2020 11:01:28	akshithabalaaji3457@gmail.co	0	B. AKSHITHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:29	rohithapri1234567@gmail.com	0	ROHITH R	Meenakshi sundararajan engi	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:29	priyaero.jpr@gmail.com	0	K.PRIYADHARSHINI	JEPPIAAR ENGINEERING C	VERY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:29	Ksarikumar@gmail.com	0	Arikumar K S	St.Joseph's Institute of Techn	VERY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:31	gopih487@gmail.com	0	GOPHIKA T	EASWARI ENGINEERING CI	VERY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:01:32	rajvelnagarajan@gmail.com	0	P.RAJVEL NAGARAJAN	JP COLLEGE OF ENGINEEF	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES
6/20/2020 11:01:32	bnistula@gmail.com	0	NISTULA JAYASRI P	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	4 YES	YES
6/20/2020 11:01:32	sur44444@yahoo.com	0	Dr APPASHEB WAMANRAJ	Shri Madhavrao Patil Mahavi	VERY HELPFUL	VERY GOOD	2 YES	YES
6/20/2020 11:01:33	yatekumar@gmail.com	0	TEJ KUMAR.YA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES	YES
6/20/2020 11:01:34	paunaveen349@gmail.com	0	NAVEEN R	BHARATHIAR UNIVERSITY I	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:01:34	jenifaevangelin97@gmail.co	0	I.EVANGELINE JENEFA	SRI SAIRAM COLLEGE OF I	VERY HELPFUL	VERY GOOD	3 YES	YES
6/20/2020 11:01:37	koteeswaran271@gmail.com	0	KOTEESWARAN S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:01:37	rohinisingavali@gmail.com	0	E. SANGAVAI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES
6/20/2020 11:01:39	vanathymahendraprabhu@gm	0	M. Vanathy	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:01:40	soyabkaloch@gmail.com	0	SOYABKHAN M. BALOCH	Smt. S. B. Patel Institute of Bi	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:41	priyabalaguru16@gmail.com	0	PRIYA B	RAJIV GANDHI COLLEGE O	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:44	hemavenugopal23092000@g	0	HEMALATHA V	LOYOLA INSTITUTE OF TEC	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:47	abhishekgarva14@gmail.com	0	ABHISHEK RAVIBHAI GARV	J B THACKER COMMERC	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:01:47	madhang2000@gmail.com	0	RAJAMADHANGI R	A.V.C.COLLEGE OF ENGINE	VERY HELPFUL	GOOD	3 YES	YES
6/20/2020 11:01:50	jan3010@yahoo.in	0	Janina Raihan	UNIVERSITI BRUNI DARU	SOMEWHAT HELPFUL	GOOD	4 YES	YES
6/20/2020 11:01:47	dhanushreesparkz@gmail.co	0	DHANUSHREE D	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES
6/20/2020 11:01:52	arungrkrishnan98@gmail.com	0	ARUN G KRISHNAN	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	GOOD	4 YES	YES
6/20/2020 11:01:55	llathalavanya@gmail.com	0	LAVANYA S	Vi institute of technology	EXTREMELY HELPFUL	VERY GOOD	5 YES	YES
6/20/2020 11:01:55	akshaya38@gmail.com	0	S VIDHYA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:01:57	rojinipapa3030@gmail.com	0	ESHWARI.M	MURUGAPPA POLYTECHNII	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:01:58	jessintha.kumar@gmail.com	0	Dr.D.Jessintha	Easwari Engineering College	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:02	deepan.dud@gmail.com	0	DEEPAN D	KINGS engineering college	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES
6/20/2020 11:02:03	tigerndia77@gmail.com	0	KOLLI VENKATA NAVEEN KI	SASTRA Deemed to be Univ	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:02:03	nandhysuresh1426@gmail.co	0	S.RAJESWARI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES
6/20/2020 11:02:09	snagarajan1978@gmail.com	0	NAGARAJAN S	ANAND INSTITUTE OF HIGH	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:10	akashraje62@gmail.com	0	Akashkumar Mahadev Rajee	JSPM'S BSIOTR	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:02:12	kuzhalivandu@gmail.com	0	Dr.T.VANDARAKUZHALI	HINDUSTHAN COLLEGE OF	VERY HELPFUL	EXCELLENT	4 YES	YES
6/20/2020 11:02:13	sankarananthmail@gmail.com	0	V.N.SANKARANANTH	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:02:15	jas.mall@gmail.com	0	Dr. D. JASMINE, M.E., Ph.D	RANIPETTAI ENGINEERIN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:16	chittireddy924@gmail.com	0	CHITTIREDDY PRASHANTH	VAAGDEVI ENGINEERING C	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:21	7ee070@sairamtap.edu.in	0	LYZUL IMRAN A	Sri Sairam Institute of Techno	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:02:22	hariarimthra116@gmail.com	0	Mr.G.HARI AMIRTHARAJ	Pondicherry university	VERY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:23	soumya17900@gmail.com	0	Soumya S	SRI RAMAKRISHNA ENGIN	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:02:25	pavithrakannanak@gmail.com	0	PAVITHRA K	KALASALINGAM ACADEMY	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:33	anita.joan06@gmail.com	0	JOAN ANITA F A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES
6/20/2020 11:02:36	sasikala1410@gmail.com	0	K.SASIKALA	Vels Institute of Science, Tech	VERY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:42	monalisahehara1994@gmail.	0	MONALISA BEHERA	PONDICHERRY CENTRAL L	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:43	senamadu@gmail.com	0	Sena Madhu Bindu	Avanathi's Research&Techno	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:02:44	ranjusri.sriram@gmail.com	0	SRIRANJANI S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES
6/20/2020 11:02:48	vinithkumar417@gmail.com	0	ULLIGADDALA VINITH KUMI	G PULLA REDDY ENGINEEF	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES
6/20/2020 11:02:48	vranjith102001@gmail.com	0	RANJITH V	MURUGAPPA POLYTECHNII	VERY HELPFUL	VERY GOOD	2 YES	YES
6/20/2020 11:02:57	pthemanthkishore@gmail.com	0	PAVALURU HEMANTH KISH	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	VERY GOOD	2 YES	YES
6/20/2020 11:02:58	sathish14@gmail.com	0	Mr.G.SATHISH KUMAR	P.T.Lee Chengalvaraya Naick	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:02:59	abinash20001@gmail.com	0	ABINASH K	St.JOSEPH'S COLLEGE OF	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:03:03	saranayagayathrisk@gmail.co	0	SARANYA GAYATHRI SK	MENNAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:03:07	rosaline.samuel@gmail.com	0	ROSALINE S	R.M.K. ENGINEERING COLL	VERY HELPFUL	VERY GOOD	2 YES	YES
6/20/2020 11:03:08	harikrishnavana@gmail.com	0	HARIKRISHNA VANA	University College of Enginee	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES
6/20/2020 11:03:08	kvdiyasi@gmail.com	0	K VIDHYA	SAVEETHA SCHOOL OF EN	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:03:12	shobanasolaippan@gmail.co	0	S.SHOBANA	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	3 YES	YES
6/20/2020 11:03:19	sritharbeece@gmail.com	0	SRITHARA A	GOVERNMENT POLYTECHI	VERY HELPFUL	GOOD	3 YES	YES
6/20/2020 11:03:19	j.albertberunsherlin@mail.co	0	J.ALBERT BERUN SHERLIN	J.P. college of engineering	SOMEWHAT HELPFUL	GOOD	3 YES	YES
6/20/2020 11:03:25	ruthiecc@gmail.com	0	S. SURUTHI	Easwari engineering college	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:03:30	u.maheshwaran89@gmail.co	0	UMAMAHESHWARAN G	ER. PERUMAL MANIMEKAL	VERY HELPFUL	VERY GOOD	4 YES	YES
6/20/2020 11:03:31	pawan.bhawsar@meu.edu.in	0	PAWAN BHAWSAR	MANDSAUR UNIVERSITY	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES
6/20/2020 11:03:32	jayapreethy04@gmail.com	0	D.A.JAYAPREETHY	Fatima Michael College of En	VERY HELPFUL	VERY GOOD	1 YES	YES

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	HOW WOULD YOU RATE THE WEBINAR	HOW LIKELY IS THAT YOU WILL ATTEND / ANY OTHER COMMENT	MOBILE NUMBER
6/20/2020 11:15:17	vicky56_vk51@gmail.com	0	E.S.VIGNESH KUMAR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	9080937960
6/20/2020 11:15:38	vlrsenthil@gmail.com	0	SENTHIL KUMAR B	St.Josephs College of Engine	EXTREMELY HELPFUL	EXCELLENT	1 YES	9442410672
6/20/2020 11:15:58	yasothaaj@gmail.com	0	M. Yasotha	SRIADI CHUNCHANAGIRI V	VERY HELPFUL	EXCELLENT	2 YES	8608314311
6/20/2020 11:16:53	anunrajr5@gmail.com	0	ARUN RAJ S R	UNIVERSITY B.D.T COLLEG	VERY HELPFUL	VERY GOOD	1 YES	9164488260
6/20/2020 11:17:17	gajulasaganika@gmail.com	0	GAJULA SAGARIKA	VAAGDEVI ENGINEERING C	VERY HELPFUL	VERY GOOD	4 YES	7569698171
6/20/2020 11:17:31	kvenugopal434@gmail.com	0	KONDIKALLA VENUGOPAL	GLOBAL COLLEGE OF ENG	EXTREMELY HELPFUL	EXCELLENT	1 YES	9968912319
6/20/2020 11:18:16	sasirekaece@yahoo.co.in	0	SASIREKA A	RUDHRAVENI MUTHUSWAI	EXTREMELY HELPFUL	EXCELLENT	1 YES	9566879535
6/20/2020 11:21:02	vsreer2@gmail.com	0	VSR SUBRAHMANYAM	MLR INSTITUTE OF TECHNI	VERY HELPFUL	VERY GOOD	2 YES	9393390420
6/20/2020 11:21:31	dr.mrkp13@gmail.com	0	Dr.M.Ramkumar Prabhu	Apollo Engineering College	VERY HELPFUL	VERY GOOD	4 YES	9789080753
6/20/2020 11:22:44	layoutce@gmail.com	0	Mr. VIKRAMSINGH RAJPUT	NA	VERY HELPFUL	EXCELLENT	4 YES	9699997356
6/20/2020 11:23:04	shirleyseivan@stjosephs.ac.i	0	Dr.Shirley Selvan	St.Joseph's College of Engine	EXTREMELY HELPFUL	EXCELLENT	1 YES	9381080374
6/20/2020 11:23:53	sce19ec013@sairamtap.edu.	0	GREESHMA HARISH	SRI SAIRAM COLLEGE OF E	VERY HELPFUL	EXCELLENT	1 YES	9448171766
6/20/2020 11:25:01	rahul6050@gmail.com	0	RAHUL SHARMA	BHABHA ATOMIC RESEARC	EXTREMELY HELPFUL	EXCELLENT	1 YES	9773437127
6/20/2020 11:27:06	jeayashrisacw@gmail.com	0	JEYASHRI	Mother terasa university koda	VERY HELPFUL	VERY GOOD	3 YES	9994559068
6/20/2020 11:27:18	sce19ec018@sairamtap.edu.	0	RAMYA V	SRI SAIRAM COLLEGE OF E	VERY HELPFUL	VERY GOOD	3 YES	6383906199
6/20/2020 11:28:20	kannadhasan.ece@gmail.com	0	S.KANNADHASAN	CHERAN COLLEGE OF ENG	EXTREMELY HELPFUL	EXCELLENT	1 YES	09677565511
6/20/2020 11:28:43	yasminaasna3114@gmail.co	0	AASNA YASMINE	SRIADI CHUNCHANAGIRI V	EXTREMELY HELPFUL	EXCELLENT	1 YES	9360340464
6/20/2020 11:30:30	alursayedda02@gmail.com	0	ALUR SAYEEDA SULTANA	GLOBAL COLLEGE OF ENG	EXTREMELY HELPFUL	EXCELLENT	5 YES	9668247004
6/21/2020 18:50:29	patilvijaya272@gmail.com	0	Ayush Ramkrishna Sawant	English medium pre primary	EXTREMELY HELPFUL	EXCELLENT	1 YES	9881251494
6/22/2020 6:21:51	vinithad03042002@gmail.com	0	D.VINITHA	Sri Adi Chunchanagiri Wome	VERY HELPFUL	VERY GOOD	2 YES	8940656005
6/24/2020 15:55:22	manskidolia@gmail.com	0	MANSI K DOLIA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	9840066826

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLL
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 624

Webinar on INTERNET OF THINGS AND TRUSTED PLATFORM MODULE

On June 20nd department of Electronics and communication Engineering conducted a webinar on “INTERNET OF THINGS AND TRUSTED PLATFORM MODULE ”. The webinar was opened to the gathering at 02:00 PM to 03 PM. The event began with a welcome address by MS.Sindhu, Asso.Prof, followed by Chief guest introduction. Dr. A.Babiyola, Prof introduced the Chief Guest Mr.N.S.Bharath kumar Technical Specialist,CARRIER.

Mr.N.S.Bharath kumar gave a brief introduction about himself and how he started his career. He shared introduction to the trusted internet of things . We start our a discussion on IOT computing to achieve security services as mentioned because trusted computing is based on security services. The review of different schemes based on trusted IOT computing has not presented the appropriate solution, so we are going to plan the technique to provide the optimized solution in comparison with the present state of the art techniques. The participants had an opportunity to clarify their queries with the speaker who addressed each query patiently. The question answer session was an inspiring and motivating session.

Around 200 participants from various engineering colleges attended the session. On concluding note Mrs.M.Jyotshna, Asst.Prof, thanked the speaker for spending his valuable time, informative, motivational speech and the participants who contributed to the success of the webinar.



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)

363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
ORGANIZES

A WEBINAR on

Internet Of Things and Trusted Platform Module

CONVENOR

Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS

Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Ms.Siji Sivanandan
HOD-ECE, MSEC

SPEAKER



Mr.N.S.Bharath Kumar
Technical Specialist, CARRIER

CO-ORDINATORS

Dr.A.Babiyola
Ms.S.Sindhu
Mrs.M.Jyotshna

For Registration



DATE: 20/6/2020 TIME: 2PM - 3PM

Free Registration...!!!

<https://forms.gle/3k2RiMUZjPaTrv7x7>

E-Certificates will be Provided.



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Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WILL ATTEND / DID THE WEBINAR IMPROVE YOUR KNOWLEDGE	ANY OTHER COMMENT	MOBILE NUMBER		
6/19/2020 19:34:48	prathiba2992@gmail.com		Prathiba Msec		EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9841313893		
6/19/2020 20:06:26	sindhusathiamurthi@gmail.com		S.SINDHU		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	Useful	8056525624	
6/19/2020 21:56:31	bsaraswathy.ram@gmail.com		B.SARASWATHY		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9789983739	
6/20/2020 13:22:41	babianand2002@gmail.com		Dr.A.BABIYOLA		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	Nil	9444474806	
6/20/2020 15:06:29	arvisha267@gmail.com		ARVIND.S		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	6382405453	
6/20/2020 15:06:32	vanathmahendraprabhu@gmail.com		M. Vanathy		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	9941996148	
6/20/2020 15:06:30	sountharsomu02@gmail.com		Sounthar P		VISTAS CHENNAI	EXTREMELY HELPFUL	EXCELLENT	1 YES	No	06369327110	
6/20/2020 15:06:32	chennaifast004@gmail.com		PREM KUMAR.A		MENNAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES	YES	9461116233	
6/20/2020 15:06:32	frankece@gmail.com		DEEPAKFRANKLIN P		SRIRAM ENGINEERING CO	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES	9500086273	
6/20/2020 15:06:42	tkjayasree2017@gmail.com		T K JAYASREE		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	9790768320	
6/20/2020 15:06:44	vandanaram741@gmail.com		T.SWARNASHREE		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	9962260412	
6/20/2020 15:06:45	karthirbkk17@gmail.com		KARTHIKEYAN R		MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	1 YES	YES	6383974484	
6/20/2020 15:06:46	tejavil1409@gmail.com		TEJAVIL D		Meenakshi sundararajan engi	VERY HELPFUL	VERY GOOD	4 YES	YES	7358740944	
6/20/2020 15:06:49	vicky56.vk51@gmail.com		E.S.VIGNESH KUMAR		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	NO	9080937960	
6/20/2020 15:06:51	arungkrishnan98@gmail.com		ARUN G KRISHNAN		MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	4 YES	YES	8681031221	
6/20/2020 15:06:51	nandhysuresh1426@gmail.com		S.RAJESHWARI		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9384690426	
6/20/2020 15:06:52	sherylradley@gmail.com		Dr.SHERYL RADLEY		MEENAKSHI COLLEGE OF I	EXTREMELY HELPFUL	EXCELLENT	1 YES	No	9443287873	
6/20/2020 15:06:54	dashing1dash@gmail.com		DNYANESH KAILAS DESAL		HHSSMS COLLEGE OF HOI	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	8329332355	
6/20/2020 15:07:00	sdharini27@gmail.com		S.DHARINI		St.JOSEPH'S COLLEGE OF	VERY HELPFUL	GOOD	4 YES	NO	7358224137	
6/20/2020 15:07:04	saskala1410@gmail.com		K.SASIKALA		Vels Institute of Science, Techn	VERY HELPFUL	EXCELLENT	1 YES	YES	09894863241	
6/20/2020 15:07:04	silenthermit411@gmail.com		VISHNU J S		Meenakshi Sundararajan Eng	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	8056223337	
6/20/2020 15:07:08	lalanathya@gmail.com		B NITHYA		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES	9789956792	
6/20/2020 15:07:08	raviprasath490@gmail.com		RAVIPRASATH G		GKM COLLEGE OF ENGINE	VERY HELPFUL	VERY GOOD	4 YES	YES	7667759696	
6/20/2020 15:07:09	shonakk@gmail.com		SHONAK BANSAL		PUNJAB ENGINEERING CO	VERY HELPFUL	EXCELLENT	4 YES	YES	+919813439854	
6/20/2020 15:07:10	8nistula@gmail.com		NISTULA JAYASRI.P		MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	3 YES	YES	7639707517	
6/20/2020 15:07:10	durgadurga14767@gmail.com		DURGA DEVI S		GOVERNMENT COLLEGE C	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES	His explanations informative +917397688243	
6/20/2020 15:07:10	vsracer2@gmail.com		VSR SUBRAHMANYAM		MLR INSTITUTE OF TECHN	VERY HELPFUL	VERY GOOD	2 YES	YES	Very much informative	9393390420
6/20/2020 15:07:10	sriram19092001@gmail.com		R.SRIRAM		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Way more useful	9361453846
6/20/2020 15:07:11	anishaswetha15@gmail.com		SWETHA.A		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Useful speech	9150441967
6/20/2020 15:07:12	normanlydia10@gmail.com		NORMAN LYDIA		VELAMMAL ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9600162966
6/20/2020 15:07:14	aarthini2000@gmail.com		PRIYA LN		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		6382831322
6/20/2020 15:07:14	sudharsan013@gmail.com		SUDHARSAN S		AGNI COLLEGE OF TECHN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Excellent session	9894007955
6/20/2020 15:07:16	geetharaman1977@gmail.com		GEETHA RAMAN		Velammal Engineering Colleg	VERY HELPFUL	EXCELLENT	5 YES	YES	Good	9940693206
6/20/2020 15:07:16	koteeswaran271@gmail.com		KOTEESWARAN S		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Need more webinar like this	8939515557
6/20/2020 15:07:18	vishalini.perumar@gmail.com		S.P.VISHALINI		Government college of Engin	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9943751339
6/20/2020 15:07:18	anandkumar@skcet.ac.in		Dr ANANDKUMAR V		SRI KRISHNA COLLEGE OF	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Good and Informative	9843902685
6/20/2020 15:07:21	swarnasampath02@gmail.com		S.SWARNAMBIGAI		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	I liked it very much and it was	6382547749
6/20/2020 15:07:23	gunasundari2842@gmail.com		H.POOVARASAN		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	NOTHING	8825497742
6/20/2020 15:07:24	shivamalar2111@gmail.com		SHIVAMALAR.S		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	Very good session	9003194032
6/20/2020 15:07:24	ejazahmed4688@gmail.com		EJAZ AHMED. J		MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES		9790889499
6/20/2020 15:07:26	mohammedbazith.com@gmail.com		MOHAMMED BAZITH.M		Meenakshi sundararajan engi	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Good	8072637335
6/20/2020 15:07:27	belsia1131@gmail.com		MARGARET BELSIA E		MADRAS INSTITUTE OF TE	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES		9080770591
6/20/2020 15:07:28	kavinaya13march@gmail.com		KAVINAYA D		SHREE VENKATESHWARA	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	GOOD	6380287075
6/20/2020 15:07:28	rohinisangvai@gmail.com		E.SANGVAI		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES		6382807973
6/20/2020 15:07:29	leenachandrasekar2001@gmail.com		LEENA C		MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	2 YES	YES		9344823706
6/20/2020 15:07:29	mahalakshmi312002@gmail.com		MAHALAKSHMI.D		MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5 YES	YES		6382099061
6/20/2020 15:07:30	matsavi24@gmail.com		UTHRA.TK		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES	YES		9150739033
6/20/2020 15:07:30	sowmiyaramesh05@gmail.com		R.SOWMIYA		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES	YES	Need more technical webinar	7358405116
6/20/2020 15:07:31	harshaprabhu2000@gmail.com		HARSHAVARDHAN P		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		7010776752
6/20/2020 15:07:31	abirami.k@ec.srmmp.edu.in		MRS.ABIRAMI. K		EASWARI ENGINEERING CI	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Nil	9840803070
6/20/2020 15:07:32	rahulbejgam08@gmail.com		RAHUL BEJGAM		KAKATIYA INSTITUTE OF TE	VERY HELPFUL	VERY GOOD	3 YES	YES	Good and well organised	7981979312
6/20/2020 15:07:33	sankarananthmail@gmail.com		V.N.SANKARANANTH		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	-	8825870773
6/20/2020 15:07:35	dpa518727@gmail.com		AISHWARYA.D.P		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	It was really informative	9791128497
6/20/2020 15:07:39	brittodaisy07@gmail.com		JEY DAISY I		KUMARAGURU COLLEGE C	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9003896038
6/20/2020 15:07:39	manishkumargt.0ne@gmail.com		MANISHKUMAR GT		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES		9150661026
6/20/2020 15:07:39	shianaazim@gmail.com		AZIM JAHAN SIANA. L		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9600484373
6/20/2020 15:07:39	sidharthknsap@gmail.com		SIDHARTH M V		MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		7092899210
6/20/2020 15:07:39	ramyaganeshbabu@gmail.com		G.RAMYA RAJANI		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES		7667527840
6/20/2020 15:07:43	kumaran.kishore@gmail.com		Kishore Kumaran		Missile Ingeniator	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very informative session!	9080191938
6/20/2020 15:07:43	lachiya1998@gmail.com		LACHIYA B		GKM college of engineering a	VERY HELPFUL	EXCELLENT	3 YES	YES		9940530546
6/20/2020 15:07:44	jagadeeshsuriya7@gmail.com		JAGADEESH		Meenakshi sundararajan engi	VERY HELPFUL	VERY GOOD	4 YES	YES	Arrange that video call proper	7299786047
6/20/2020 15:07:44	josephesra@gmail.com		Mr. A. Joseph Sathiadhas		Meenakshi Sundararajan Eng	VERY HELPFUL	EXCELLENT	1 YES	YES		9884465838
6/20/2020 15:07:45	sruthisree511@gmail.com		SRUTHI S		MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	VERY GOOD	3 YES	YES		9840605738
6/20/2020 15:07:45	ramyabanu57@gmail.com		RAMYA. S		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	Informations are useful	8610750729
6/20/2020 15:07:47	loganayagits@gmail.com		LOGANAYAGI T		MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	3 YES	YES		9444672933
6/20/2020 15:07:48	kavitha4@srmist.edu.in		KAVITHA SUDHA. R		SRM INSTITUTE OF SCIEN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Very nice	8248752547
6/20/2020 15:07:49	subashini12300@gmail.com		SUBASHINI R		Government college of Engin	VERY HELPFUL	EXCELLENT	5 YES	YES	No	9514373552
6/20/2020 15:07:50	nithyashreebalu200031@gmail.com		B.NITHYASREE		Meenakshi Sundararajan Engi	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES		7550251035
6/20/2020 15:07:52	lokeshraghu3@gmail.com		R. LOKESSH		MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	3 YES	YES	Good	9003109558
6/20/2020 15:07:52	vikramprakash2002@gmail.com		VIKRAM. S		MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		9094899051
6/20/2020 15:07:53	deivanayakiravi@gmail.com		N. DEIVANAYAKI		MURUGAPPA POLYTECHNIC	VERY HELPFUL	EXCELLENT	4 YES	YES	Very informative	9940652766

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WILL ATTEND / JOIN ANY OTHER COMMENT	MOBILE NUMBER	
6/20/2020 15:07:56	shobanasolaippan@gmail.com	0	S.SHOBANA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES	9841445282
6/20/2020 15:07:57	shruthisuresh2012002@gmail.com	0	SHRUTHI.S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5 YES	YES	9962601736
6/20/2020 15:07:57	jothilavanya99@gmail.com	0	JOTHI LAVANYA S V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	9080353997
6/20/2020 15:07:58	shalinishalu80909@gmail.com	0	M.SHALINI	GOVERNMENT COLLEGE C	VERY HELPFUL	VERY GOOD	4 YES	YES	6381845794
6/20/2020 15:07:58	nithiyashree.hariprasad@gmail.com	0	H.NITHYASREE	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	1 YES	YES	9094929977
6/20/2020 15:07:58	svsweetha2206@gmail.com	0	SWETHA S	Meenakshi sundararajan engi	VERY HELPFUL	VERY GOOD	4 YES	YES	8825869511
6/20/2020 15:07:59	sum90798@gmail.com	0	Harshitha	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9841052806
6/20/2020 15:07:59	athappan.v.eie@kct.ac.in	0	ATHAPPAN.V	KUMARAGURU COLLEGE C	VERY HELPFUL	VERY GOOD	2 YES	YES	9047033221
6/20/2020 15:08:00	arthikathirivel1997@gmail.com	0	ARTHI.K	SRI MANAKULA VINAYAGAP	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	8825869602
6/20/2020 15:08:00	gukan.r.s@gmail.com	0	Gukan R	Vels institute	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	8608010837
6/20/2020 15:08:01	ramanip@srmit.edu.in	0	P.Ramani	SRM INSTITUTE OF SCIENC	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Good
6/20/2020 15:08:02	janani.j21@gmail.com	0	JANANI J	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	9941192673
6/20/2020 15:08:02	thilakmena85@gmail.com	0	THILAGESHWARI.J	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Informative session
6/20/2020 15:08:03	sgiridharan06@gmail.com	0	Giridharan S	Meenakshi sundararajan engi	VERY HELPFUL	VERY GOOD	4 YES	YES	08248855291
6/20/2020 15:08:06	mmthastudent06@gmail.com	0	G.MADHUMITHA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	2 YES	YES	Amazing.Got to know a lot of
6/20/2020 15:08:07	coolumkeash05@gmail.com	0	MUKEASH.I	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	8825943150
6/20/2020 15:08:07	vanithaj@loyolacollege.edu	0	Dr.J.Vanitha	Loyola College	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Very informative session
6/20/2020 15:08:08	avinash123sav@gmail.com	0	AVINASH KUMAR	GEMS POLYTECHNIC COLL	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No sir
6/20/2020 15:08:09	gayathri30112001@gmail.com	0	GAYATHRI R	SRM INSTITUTE OF SCIENC	VERY HELPFUL	EXCELLENT	1 YES	YES	Very interesting and informati
6/20/2020 15:08:09	gpraveen2000kumar@gmail.com	0	G.PRAVEENKUMAR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES	9003255084
6/20/2020 15:08:11	vijaykalidass1@gmail.com	0	K.VIJAY	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES	6369485575
6/20/2020 15:08:11	deva101maths@gmail.com	0	S.DEVANANTH	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9884220200
6/20/2020 15:08:11	sandyshasha2001@gmail.com	0	SANDHIYA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Nice
6/20/2020 15:08:12	priyakesav23@gmail.com	0	PRIYANKA VALLERI	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	4 YES	YES	No
6/20/2020 15:08:13	saravanan9121522521@gmail.com	0	L.saravanan	Meenakshi Sundararajan Eng	SOMEWHAT HELPFUL	GOOD	3 YES	YES	9003033953
6/20/2020 15:08:14	eragaveena@gmail.com	0	A.RAGAVEENA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES	NO
6/20/2020 15:08:16	srigayatri.muruganandam@gmail.com	0	SRI GAYATHRI. M. N	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	7358233001
6/20/2020 15:08:18	bnawaz568@gmail.com	0	BANDENAMAJ H DESAI	GOVERNMENT POLYTECHN	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	9741650568
6/20/2020 15:08:19	drthresia@loyolacollege.edu	0	DR K THRESIA MATHEWS	LOYOLA COLLEGE CHENN	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES	Excellent
6/20/2020 15:08:19	ushabme@gmail.com	0	USHARANI THIRUNAVUKK	SRM INSTITUTE OF SCIENC	SOMEWHAT HELPFUL	GOOD	2 YES	YES	NO
6/20/2020 15:08:21	saranyagayathriisk@gmail.com	0	SARANYA GAYATHRI SK	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	8778067815
6/20/2020 15:08:22	varsha.v.284@gmail.com	0	V.VARSHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	Got some eye opening inform
6/20/2020 15:08:23	aishurumurugam18@gmail.com	0	AISWARYA AR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	7401178289
6/20/2020 15:08:24	deepamohan1998@gmail.com	0	DEEPA.M	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	1 YES	YES	Nil
6/20/2020 15:08:24	vj80102@gmail.com	0	M.DIVAKAR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	1 YES	YES	Little faster
6/20/2020 15:08:24	nirmalee2000@gmail.com	0	NIRMAL KUMAR.M	MUTHAYAMMAL ENGINEER	VERY HELPFUL	GOOD	3 YES	YES	8072605583
6/20/2020 15:08:25	hemusakthi2000@gmail.com	0	HEMAMALA.S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Good
6/20/2020 15:08:26	ponnada631@gmail.com	0	PONNADA PADMINI	SRI VENKATESWARA COLL	VERY HELPFUL	VERY GOOD	4 YES	YES	6302330820
6/20/2020 15:08:27	afzalrahman003@gmail.com	0	A.FZAL RAHAMAN Z	B. S. ABDUR RAHMAN CRE	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	No. This webinar was really t
6/20/2020 15:08:27	divija2204@gmail.com	0	DIVIJA .M.L	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES	A more flexible timings
6/20/2020 15:08:28	valliammaiselvakumar27@gmail.com	0	VALLIAMMAI S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very nice session
6/20/2020 15:08:31	snekapadma2001@gmail.com	0	S.SNEKA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	8925338603
6/20/2020 15:08:34	amreenk.cs@hbk.edu.in	0	AMREEN KHANAM	HKBK COLLEGE OF ENGIN	VERY HELPFUL	GOOD	1 YES	YES	9164892322
6/20/2020 15:08:34	monalisabehera1994@gmail.com	0	MONALISA BEHERA	PONDICHERRY CENTRAL L	EXTREMELY HELPFUL	EXCELLENT	2 YES	YES	8328906240
6/20/2020 15:08:34	ssksou5678@gmail.com	0	S. SHUBHASHREE	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	It was a very excellent webin
6/20/2020 15:08:36	prashanthbai830@gmail.com	0	PRASHANTH.T	Rajiv Gandhi College Of	Engi	VERY HELPFUL	1 YES	YES	9500726838
6/20/2020 15:08:36	vntgujjar@gmail.com	0	VINTO	DAV COLLEGE, CHANDIG	VERY HELPFUL	VERY GOOD	2 YES	YES	9053929481
6/20/2020 15:08:39	samphilemon2001@gmail.com	0	SAM PHILEMON.S	MEENAKSHI SUDARARAJ	VERY HELPFUL	GOOD	3 YES	YES	6383153586
6/20/2020 15:08:39	akshayaethiraj10@gmail.com	0	AKSHAYALAKSHMI.E	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	1 YES	YES	8939977171
6/20/2020 15:08:41	tpav4638@gmail.com	0	Pavithra .M	Sri adi chunchanagiri women	EXTREMELY HELPFUL	GOOD	1 YES	YES	Like this weekly twice we war
6/20/2020 15:08:41	abinithishikumar.p.a.k@gmail.com	0	P. ABINITHISH KUMAR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES	9080178390
6/20/2020 15:08:43	poojasharma@luhimagical.edu	0	POOJA SHARMA	ICFAI UNIVERSITY, HIMACH	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Informative session
6/20/2020 15:08:45	aqelmohammed26@gmail.com	0	AQEL MOHAMMED S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	8072258597
6/20/2020 15:08:45	kansamirtha2001@gmail.com	0	AMIRTHA K	MISRIMAL NAVAJEE MUNG	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	I need that ppt.it will be really
6/20/2020 15:08:47	evalar2009@gmail.com	0	VALARMATHY G	GKM College of Engineering	VERY HELPFUL	VERY GOOD	4 YES	YES	9994156708
6/20/2020 15:08:57	gs4850@srmit.edu.in	0	SWATHY GUNASEKARAN	SRM INSTITUTE OF SCIENC	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Thank you for this wonderful v
6/20/2020 15:08:59	lokeshmohan0510@gmail.com	0	Lokesh.M	Meenakshi Sundararajan Eng	VERY HELPFUL	VERY GOOD	4 YES	YES	Good one
6/20/2020 15:08:59	prasannanpr@gmail.com	0	PRASANNA VENKATESH.N	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	6382767672
6/20/2020 15:09:00	vijayashreevisu21@gmail.com	0	V.VIJAYASHREE	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	It was very good very very he
6/20/2020 15:09:02	yoogaswami24@gmail.com	0	S.YOGALAKSHMI	MEENAKSHI SUDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES	9962580471
6/20/2020 15:09:12	yasminaasna3114@gmail.com	0	AASNA YASMINE.A	SRI ADI CHUNCHANAGIRI V	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	I learn many things in this cla
6/20/2020 15:09:12	manini.7itkgp@gmail.com	0	ANNAPURNA SAHOO	AJAY BINAY INSTITUTE OF	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very Nice
6/20/2020 15:09:15	naaznasuha@gmail.com	0	NASUHA NAZIA.N	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very interesting session sir
6/20/2020 15:09:16	sandyrsini31@gmail.com	0	SANDHIYA S	LOYOLA COLLEGE, CHENN	VERY HELPFUL	EXCELLENT	4 YES	YES	7299709066
6/20/2020 15:09:17	priyabalaguru16@gmail.com	0	PRIYA B	RAJIV GANDHI COLLEGE O	VERY HELPFUL	VERY GOOD	4 YES	YES	Gud
6/20/2020 15:09:21	maanaw@gmail.com	0	MAANASWINI.K	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	Good session
6/20/2020 15:09:23	aishuv0907@gmail.com	0	AISHWARIYA.V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	8939950111
6/20/2020 15:09:25	pragyan112001@gmail.com	0	PRACHI SHARMA. R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES	7358567894
6/20/2020 15:09:27	ab310800@gmail.com	0	ABISHEK	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	Useful
6/20/2020 15:09:29	aakaash912@gmail.com	0	M.AAKAASH KUMAR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	The webinar session was ven
6/20/2020 15:09:34	abinash20001@gmail.com	0	ABINASH.K	ST.JOSEPH'S COLLEGE OF	VERY HELPFUL	VERY GOOD	4 YES	YES	8754258252

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WILL ATTEND / DID THE WEBINAR IMPROVE YOUR KNOWLEDGE	DO YOU PLAN TO ATTEND / ANY OTHER COMMENT	MOBILE NUMBER
6/20/2020 15:09:34	yelisetybadrinath@gmail.com	0	Y.badrinath	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	4	YES	9445050322
6/20/2020 15:09:37	smilepavi7@gmail.com	0	Pavithra M	Jansons Institute of Technology	EXTREMELY HELPFUL	EXCELLENT	1	YES	7706295689
6/20/2020 15:09:40	akshithabalaaj3457@gmail.com	0	B. AKSHITHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9445887115
6/20/2020 15:09:43	rjangir22@gmail.com	0	Mr. RAMESH JANGIR	B K BIRLA INSTITUTE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1	YES	9829511800
6/20/2020 15:09:44	itec026@sairamtap.edu.in	0	HARANVIGNESWARAAN S	SRI SAIRAM INSTITUTE OF ENGINEERING	EXTREMELY HELPFUL	VERY GOOD	1	YES	9444836197
6/20/2020 15:09:45	radhika.alugu@gmail.com	0	A RADHIKA	GOVT. POLYTECHNIC DUSUR	VERY HELPFUL	VERY GOOD	2	YES	9849850934
6/20/2020 15:09:46	jan3010@yahoo.in	0	JARINA RAIHAN	UNIVERSITI BRUNEI DARU	VERY HELPFUL	VERY GOOD	4	YES	6738989907
6/20/2020 15:09:46	gskkanchi@gmail.com	0	Dr. SENTHIL KUMAR G	SRI CHANDRASEKHAREND	EXTREMELY HELPFUL	EXCELLENT	1	YES	WELL ORGANIZED
6/20/2020 15:09:46	balaji.edc@gmail.com	0	BALAJI D	MANAKULA VINAYAGAR INSTITUTE	VERY HELPFUL	EXCELLENT	3	YES	VERY GOOD. GAIN MORE KNOWLEDGE
6/20/2020 15:09:50	harshithahodeti248@gmail.com	0	T.HARSHITHA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9677243202
6/20/2020 15:09:50	anandhari572@gmail.com	0	A.HARI HARAN	VELS UNIVERSITY	VERY HELPFUL	VERY GOOD	2	YES	8667848313
6/20/2020 15:09:51	suresh.d.28@gmail.com	0	D.SURESH	ST.JOSEPH'S INSTITUTE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1	YES	GOOD AND INFORMATIVE
6/20/2020 15:09:53	karthikv1151@gmail.com	0	KARTHIK V	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	VERY GOOD	3	YES	7358305582
6/20/2020 15:09:54	anusha162001@gmail.com	0	G ANUSHA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1	YES	Very good
6/20/2020 15:09:59	aakshaya38@gmail.com	0	S. VIDHYA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	VERY GOOD	5	YES	9940642294
6/20/2020 15:10:00	sudhershnan2000@gmail.com	0	N.SUDHERSAN	B.S.ABDUR RAHAMAN CREATIVE	VERY HELPFUL	VERY GOOD	4	YES	It is better if the participants were more interactive
6/20/2020 15:10:00	saini_sachin87@yahoo.com	0	SACHIN KUMAR	Government Girls polytechnic	VERY HELPFUL	EXCELLENT	5	YES	09971209799
6/20/2020 15:10:02	dileepj@ksit.edu.in	0	DILEEP J	K.S.INSTITUTE OF TECHNOLOGY	EXTREMELY HELPFUL	EXCELLENT	5	YES	Excellent one. Learned a lot
6/20/2020 15:10:03	shrisairaja@gmail.com	0	Dr.A.RAJASEKARAN	SCSVMV Deemed University	EXTREMELY HELPFUL	VERY GOOD	1	YES	Informative
6/20/2020 15:10:07	preethi120598@gmail.com	0	P REETHI.M	PONDICHERRY UNIVERSITY	EXTREMELY HELPFUL	EXCELLENT	5	YES	Good and excellent
6/20/2020 15:10:08	manichunbuk05@gmail.com	0	Manisha	MD PRIVATE ITI CHHAIJAPUR	EXTREMELY HELPFUL	EXCELLENT	5	YES	Excellent webinar
6/20/2020 15:10:10	gayatreesonawane@gmail.com	0	GAYATREE B SONAWANE	GOVERNMENT POLYTECHNIC	VERY HELPFUL	VERY GOOD	4	YES	8007775183
6/20/2020 15:10:13	minfantmacreen@gmail.com	0	INFANT MACREEN M	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1	YES	Very informative... Thank you
6/20/2020 15:10:15	yasothaaj@gmail.com	0	M. YASOTHA	SRI ADI CHUNGHANAGIRI	EXTREMELY HELPFUL	VERY GOOD	2	YES	Thank you sir for your wonderful session
6/20/2020 15:11:13	saraswathir@gmail.com	0	K.SARASWATHI	SCSVMV	EXTREMELY HELPFUL	VERY GOOD	1	YES	NICE
6/20/2020 15:12:18	sureshbarath@gmail.com	0	Dr.K.SURESHKUMAR	VELAMMAL ENGINEERING COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1	YES	Nice Webinar
6/20/2020 15:12:20	principalsvp358@gmail.com	0	DR.M.GNANASEKARAN	SRI VENKATESWARA POLYTECHNIC	VERY HELPFUL	VERY GOOD	1	YES	+919865281803
6/20/2020 15:12:32	kr.varithavelu@gmail.com	0	KAVITHA.V	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4	YES	I like the session
6/20/2020 15:12:51	saraswathi.nayakuni@gmail.com	0	N SARASWATHI	GOVERNMENT POLYTECHNIC	EXTREMELY HELPFUL	EXCELLENT	1	YES	Very interactive session
6/20/2020 15:13:34	anithamary.m@rajalakshmi.edu.in	0	ANITHA MARY M	RAJALAKSHMI ENGINEERING COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1	YES	Good
6/20/2020 15:14:41	rdivyaa112000@gmail.com	0	DIVYA LAKSHMI R	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	3	YES	9790822536
6/20/2020 15:14:52	kuldeep.4455@cgc.edu.in	0	KULDEEP SHARMA	CGC-CEC Landran	EXTREMELY HELPFUL	EXCELLENT	1	YES	session was very knowledgeable
6/20/2020 15:15:09	ahamedbasheer2002@gmail.com	0	AHAMED BASHEER M	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	2	YES	If it is little bit slower it would be better
6/20/2020 15:15:14	Mvmani82@gmail.com	0	Manivannan Pasupathy	Tessolve Semiconductors	SOMEWHAT HELPFUL	GOOD	1	YES	+919994290683
6/20/2020 15:15:25	arulstephen@gail.com	0	ARUL STEPHEN.C	Vels Institute of Science, Technology and Design	VERY HELPFUL	VERY GOOD	1	YES	nil
6/20/2020 15:15:33	rswathi1108@gmail.com	0	R.SWATHI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2	YES	Good. Useful session
6/20/2020 15:15:37	gurcharandegree@gmail.com	0	GURCHARAN SINGH	GULZAR GROUP OF INSTITUTES	EXTREMELY HELPFUL	EXCELLENT	1	YES	9780481024
6/20/2020 15:15:54	aishwarya.sai19@gmail.com	0	AISHWARYA R	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4	YES	9940537845
6/20/2020 15:15:58	dhanasekar@avcceng.net	0	DR.N.DHANASEKAR	AVC COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1	YES	9443078497
6/20/2020 15:15:59	gnshkumari@gmail.com	0	M.GANESH KUMARI	K.L.N.COLLEGE OF ENGINEERING	VERY HELPFUL	EXCELLENT	5	YES	Overall excellent
6/20/2020 15:16:00	sruithibass2001@gmail.com	0	B.SRUTHI	Government College of Engineering	EXTREMELY HELPFUL	EXCELLENT	1	YES	9585512401
6/20/2020 15:16:05	rengakar2705@gmail.com	0	RENGARAJAN K	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4	YES	Good
6/20/2020 15:16:08	karthi083@gmail.com	0	KARTHIKEYAN M	PERI INSTITUTE OF TECHNOLOGY	EXTREMELY HELPFUL	EXCELLENT	1	YES	Good
6/20/2020 15:16:12	sharpmano@gmail.com	0	S. MANOHARAN	K.L.N. COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1	YES	9715585524
6/20/2020 15:16:13	crp.kumar@gmail.com	0	DINESH KUMAR D S	K S INSTITUTE OF TECHNOLOGY	EXTREMELY HELPFUL	EXCELLENT	1	NO	IF YOU ARE ABLE SEND THE PP TO ALL PARTICIPANTS
6/20/2020 15:16:13	jananisree.u@rajalakshmi.edu.in	0	JHANANI SHREE U	RAJALAKSHMI ENGINEERING COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1	YES	9702256756
6/20/2020 15:16:18	lalithakec@gmail.com	0	K.LALITHA	SRM institute of science and technology	VERY HELPFUL	EXCELLENT	1	YES	nil
6/20/2020 15:16:19	balaji7_cse@gmail.com	0	V S S P L N BALAJI LANKA	SRI VASAVI ENGINEERING COLLEGE	EXTREMELY HELPFUL	EXCELLENT	5	YES	GOOD
6/20/2020 15:16:26	rohitapri1234567@gmail.com	0	ROHIT.R	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1	YES	Nice
6/20/2020 15:16:27	harithaharidhas484@gmail.com	0	H.HARITHA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	4	YES	7639527921
6/20/2020 15:16:32	rajanantcse@gmail.com	0	I.ANANTRAJ	K.RAMAKRISHNAN COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	1	YES	GOOD
6/20/2020 15:16:33	sivarajanrk@gmail.com	0	SIVARAJAN K	ERICSSON INDIA GLOBAL CENTER	VERY HELPFUL	EXCELLENT	1	YES	9500142714
6/20/2020 15:16:35	kalaiselvis@gmail.com	0	K. Kalaiselvi	Pandian Saraswathi Yadav Engineering College	VERY HELPFUL	EXCELLENT	1	YES	Good. Very informative
6/20/2020 15:16:37	priyajenifer30@gmail.com	0	PRIYADHARSHINI M	RAJIV GANDHI COLLEGE OF ENGINEERING	VERY HELPFUL	VERY GOOD	1	YES	Very much informative
6/20/2020 15:16:40	shabnamsec@gmail.com	0	SHABNAM FATHIMA.D.M	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2	YES	981295233
6/20/2020 15:16:40	cjsksag@gmail.com	0	SANTHOSH KUMAR C	Er.Perumal Manimekalai College	VERY HELPFUL	VERY GOOD	1	YES	Useful events
6/20/2020 15:16:46	phemanthkishore@gmail.com	0	PAVALURU HEMANTH KISHOR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	2	YES	6380883288
6/20/2020 15:16:46	angalaparameswari2021@gmail.com	0	G ANGALA PARAMESWARI	Velammal Engineering College	VERY HELPFUL	EXCELLENT	1	YES	Good session
6/20/2020 15:16:48	bsindhujaba2399@gmail.com	0	B SINDHUJA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	3	YES	Good
6/20/2020 15:16:49	aparna10082002@gmail.com	0	K.APARANA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	Nothing
6/20/2020 15:16:52	kkamesh4790@gmail.com	0	P Kamesh	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	Helpful
6/20/2020 15:16:56	gschandanaraju@gmail.com	0	GANGARAJU SURESH CHANDRAN	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1	YES	9441738235
6/20/2020 15:16:58	sgmadasamy@gmail.com	0	Dr. G. MADASAMY	P. A. C. Ramasamy Raja Polytechnic	VERY HELPFUL	EXCELLENT	1	YES	Very informative session
6/20/2020 15:17:04	danushribalamarujan@gmail.com	0	B.DANUSHRI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	No
6/20/2020 15:17:06	dr.mrpk13@gmail.com	0	Dr.M.RAMKUMAR PRABHU	APOLLO ENGINEERING COLLEGE	VERY HELPFUL	VERY GOOD	1	YES	9789080753
6/20/2020 15:17:09	deepan.dud@gmail.com	0	DEEPAN.D	KINGS engineering college	EXTREMELY HELPFUL	EXCELLENT	5	YES	Thankyou for your kind of work
6/20/2020 15:17:11	kishorefretiger@gmail.com	0	KISHORE.M	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5	YES	9884175264
6/20/2020 15:17:14	thendral2082@gmail.com	0	Mrs. N THENDRAL	MEENAKSHI COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	EXCELLENT	5	YES	Useful and informative session
6/20/2020 15:17:22	vuyyuru.arun@gmail.com	0	Mr. V. ARUN	MLR INSTITUTE OF TECHNOLOGY	EXTREMELY HELPFUL	EXCELLENT	1	YES	9959600977
6/20/2020 15:17:25	saritha.datti@gmail.com	0	DATTI SARITHA	GOVERNMENT POLYTECHNIC	VERY HELPFUL	EXCELLENT	1	YES	Very Informative
6/20/2020 15:17:30	pragyan112001@gmail.com	0	PRAGYA SHARMA. R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3	YES	9677198866

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WILL ATTEND / ANY OTHER COMMENT	MOBILE NUMBER		
6/20/2020 15:17:40	manobatasakthive125@gmail.com	0	S.MANOBALA	SETHU INSTITUTE OF TECH	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Very useful session and pleat	834428515
6/20/2020 15:17:45	valliammaiselvakumar27@gmail.com	0	VALLIAMMAI S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Very nice session	9361382312
6/20/2020 15:17:52	smita.pareek@bkkbiet.ac.in	0	Dr Smita Pareek	BK Birla Institute of Engineeri	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES	Na	9414790438
6/20/2020 15:17:53	kerthiisai@gmail.com	0	G.ANJKKEERTHANA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	1 YES	YES		8056065037
6/20/2020 15:18:01	chandhini.jb@gmail.com	0	CHANDHINI.J.B	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5 YES	YES	Very interesting	9841086660
6/20/2020 15:18:02	keerthunagalakshmi29@gmail.com	0	KEERTHANNA.R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES	Awesome session and thanks	9150922844
6/20/2020 15:18:06	k.ramya2213@gmail.com	0	VenkataRamana Karumanchi	MLR Institute of technology	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9618060898
6/20/2020 15:18:09	madhuharitha92@gmail.com	0	HARITHA.M	K.Ramakrishnan college of te	VERY HELPFUL	VERY GOOD	4 YES	YES	Good	9942165256
6/20/2020 15:18:13	ashwinkumar1015@gmail.com	0	ASHWINKUMAR R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES		7550206949
6/20/2020 15:18:13	gowthamgowtham3058@gmail.com	0	C.GOWTHAM	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES	GATHER MORE IDEAS	8072679764
6/20/2020 15:18:22	sadhunesuresh135@gmail.com	0	Sadhana Preethi Suresh	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES		9952947843
6/20/2020 15:18:34	kiranjeetubhi@gmail.com	0	KIRANJEET KAUR UBHI	GULZAR GROUP OF INSTIT	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9952947843
6/20/2020 15:18:40	pavithra.p@mviyce.edu.in	0	PAVITHRA PRABAKARAN	MVJ COLLEGE OF ENGINEE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Overall its a perfect smart ses	+919611601376
6/20/2020 15:18:41	aravind9080333746@gmail.com	0	ARAVIND	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4 YES	YES		6379022360
6/20/2020 15:18:45	priyanga08012000velu@gmail.com	0	Priyanga V	Dr mgr janaki college of arts	VERY HELPFUL	EXCELLENT	4 YES	YES	I like the session	7338839775
6/20/2020 15:18:48	thanusha@gmail.com	0	THANUSH V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3 YES	YES		6369764529
6/20/2020 15:19:15	sowjanya0803@gmail.com	0	SOWJANYA.A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5 YES	YES		7338739174
6/20/2020 15:19:16	vijayapeterraj@gmail.com	0	VIJAYA PETERRAJ	LOYOLA COLLEGE	VERY HELPFUL	VERY GOOD	2 YES	YES	INFORMATIVE SESSION	9841310242
6/20/2020 15:19:22	kamalinisruthi0510@gmail.com	0	S.Kamalni	K.Ramakrishnan college of te	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9500372310
6/20/2020 15:19:22	subamurthy30@gmail.com	0	SUBALAKSHMI S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	None	6380182997
6/20/2020 15:19:27	manimekalai.v.ele@kct.ac.in	0	V.MANIMEKALAI	KUMARAGURU COLLEGE C	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Good	9994674492
6/20/2020 15:19:40	bhasvatidihingiat44@gmail.com	0	DEVAPROTIM DIHINGIA	DIBRUGARH UNIVERSITY	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	It is a very informative sessio	7086310505
6/20/2020 15:19:43	janai_arockiarani@yahoo.com	0	DR.J.JANCI AROCKIA RANI	LOYOLA COLLEGE CHENNN	VERY HELPFUL	EXCELLENT	1 YES	YES	Very informative, can organis	9841962888
6/20/2020 15:19:46	nk960290@gmail.com	0	NANDHAKUMAR.A	MUTHYAMMAL ENGINEERI	VERY HELPFUL	VERY GOOD	3 YES	YES	No	9080613113
6/20/2020 15:19:53	ghilikalourdes@gmail.com	0	HILKIA LOURDES G	SETHU INSTITUTE OF TECH	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Excellent	8300338776
6/20/2020 15:20:00	samuel.rajeshbabu@gmail.com	0	Dr.R.SAMUELRAJESH BABU	Sathyabama Institute of Scier	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	no	9500003314
6/20/2020 15:20:06	aishuacademics@gmail.com	0	AISWARYA KANNAN	SRM TRP ENGINEERING C	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Awesome	9487359471
6/20/2020 15:20:12	hhpatti@dbatu.ac.in	0	HEMANT H PATIL	Institute of Petrochemical Eng	VERY HELPFUL	VERY GOOD	1 YES	YES		9960558162
6/20/2020 15:20:19	kiranakumarpattro46@gmail.com	0	Dr. KIRAN KUMAR PATRO	ADITYA INSTITUTE OF TECH	EXTREMELY HELPFUL	EXCELLENT	4 YES	YES	Please conduct these type of	09441029815
6/20/2020 15:20:34	vrsenthil@gmail.com	0	Dr. SENTHIL KUMAR B	ST. JOSEPHS' COLLEGE C	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Informative session	9442410672
6/20/2020 15:20:39	snehasrimathi3@gmail.com	0	S.SNEHA	GOVERNMENT COLLEGE C	EXTREMELY HELPFUL	VERY GOOD	1 YES	YES	This webinar is very helpful at	883846511
6/20/2020 15:20:46	rhjayawanth2000@gmail.com	0	JAYAWANTH RH	K. Ramakrishnan College of I	VERY HELPFUL	VERY GOOD	4 YES	NO	Thank you for the webinar	8930399201
6/20/2020 15:21:07	keerthisanthanam1910@gmail.com	0	S.KEERTHANA	K.RAMAKRISHNAN COLLEGE	VERY HELPFUL	EXCELLENT	1 YES	YES		6382292198
6/20/2020 15:21:08	hema45800@gmail.com	0	A.Hema	K.Ramakrishnan college of te	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Nothing	6385288487
6/20/2020 15:21:15	antolinann0201@gmail.com	0	ABIANANTOLIN.S	ST.JOSEPHS COLLEGE OF	VERY HELPFUL	VERY GOOD	4 YES	YES		8754258252
6/20/2020 15:21:36	mksans@gmail.com	0	M.K.SANDHYA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	good webinar	9884464689
6/20/2020 15:21:38	arunjanu007@gmail.com	0	R.ARUNPRASATH	K. Ramakrishnan college of I	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Nil	8072430632
6/20/2020 15:22:04	tayabsarwar393@gmail.com	0	TAYAB SARWAR	SHER KASHMIR UNIVERSIT	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9858847269
6/20/2020 15:22:09	hemkrish1920@gmail.com	0	S.K.NITHYA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9444850901
6/20/2020 15:22:19	ravipanneer2001@gmail.com	0	R.VI RAGHUL P	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9360664405
6/20/2020 15:22:33	hirithik2000@gmail.com	0	B.HIRITHIK	K.Ramakrishnan College of T	EXTREMELY HELPFUL	VERY GOOD	2 YES	YES		8220073259
6/20/2020 15:22:37	keerthiga1717@gmail.com	0	I.G.KEERTHIGA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9176970452
6/20/2020 15:24:15	guruprasadthangaraj03@gmail.com	0	GURU PRASAD T	K RAMAKRISHNAN COLLEGE	VERY HELPFUL	VERY GOOD	4 YES	YES		9786030835
6/20/2020 15:24:31	ananthalakshmi.ece@gmail.com	0	M.ANANTHALAKSHMI	MEENAKSHI COLLEGE OF I	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	9790809629
6/20/2020 15:24:36	monikadevik1504@gmail.com	0	Monika Devi.k	Meenakshi Sundararajan Eng	VERY HELPFUL	VERY GOOD	2 YES	YES	Good	6369297907
6/20/2020 15:24:55	msnivedha2k@gmail.com	0	NIVEDHA.M.S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	2 YES	YES		9791109291
6/20/2020 15:25:30	abdurriziq392000@gmail.com	0	ABDUR RAZIQ	K.RAMAKRISHNAN COLLEGE	VERY HELPFUL	EXCELLENT	1 YES	YES		7397332410
6/20/2020 15:25:45	haseenasitika123@gmail.com	0	HASEENA SITHIKA M	K.RAMAKRISHNAN COLLEGE	VERY HELPFUL	VERY GOOD	4 YES	YES		8531847537
6/20/2020 15:25:47	rohitapri1234567@gmail.com	0	ROHIT.R	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Nice	7299725566
6/20/2020 15:25:49	nnivetha0103@gmail.com	0	N. Nivetha	Government College Of Engir	VERY HELPFUL	EXCELLENT	4 YES	YES	Good	9626159710
6/20/2020 15:25:58	maheshwarj_01@gmail.com	0	Maheshwar	K.ramakrishna college of tech	EXTREMELY HELPFUL	EXCELLENT	2 YES	YES	No comment simply waste	6382231362
6/20/2020 15:26:45	arunasivanya@gmail.com	0	T. Arunadevi	K. Ramakrishnan college of I	VERY HELPFUL	EXCELLENT	1 YES	YES	very good	7598248775
6/20/2020 15:26:48	nithilanarayanan18@gmail.com	0	NITHILANARAYANAN.L	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES		9566306209
6/20/2020 15:27:02	keerthis53@gmail.com	0	S.KEERTHANA	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	GOOD	3 YES	YES	Thanks for giving this webinar	6383420884
6/20/2020 15:27:41	deepibhava31@gmail.com	0	M.DEEPIKA	K.RAMAKRISHNAN COLLEGE	VERY HELPFUL	GOOD	4 YES	YES	Nothing	8072847781
6/20/2020 15:28:24	mahesh12war456@gmail.com	0	MAHESHWAR.S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Its was awesome as I like to c	7448539404
6/20/2020 15:28:24	swethaudayasankar@gmail.com	0	SWETHA.U	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3 YES	YES	Nope	9841427819
6/20/2020 15:28:30	mohanapriya23102000@gmail.com	0	MOHANAPRIYA B	K. RAMAKRISHNAN COLLEGE	VERY HELPFUL	VERY GOOD	3 YES	YES	Nil	9894992922
6/20/2020 15:30:29	vels2185@gmail.com	0	VELU A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	It was great learning experien	9884246749
6/20/2020 15:30:38	allijanaki09@gmail.com	0	T.ALLIJANAKI	K.RAMAKRISHNAN COLLEGE	EXTREMELY HELPFUL	VERY GOOD	2 YES	YES	Very effective	9997893974
6/20/2020 15:31:14	sreebhavadharani.sb@gmail.com	0	BHAVADHARANI C	K RAMAKRISHNAN COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Informative and innovative. TI	8098857477
6/20/2020 15:31:44	chitravalavancourses@gmail.com	0	CHITRAVALAVAN	A.V.C College of Engineering	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Good explanation	9786659667
6/20/2020 15:31:57	roopeshrav15@gmail.com	0	R.ROOPESH	SRM INSTITUTE OF SCIENC	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Excellent	9840490095
6/20/2020 15:32:07	harinishree1802@gmail.com	0	HARINI SREE. S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	2 YES	YES	No	8939405184
6/20/2020 15:32:27	narmu6sept2000@gmail.com	0	S. Narmadha	K. RAMAKRISHNA COLLEGE	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	Super	9677371066
6/20/2020 15:32:45	lakshmiipriya1903@gmail.com	0	LAKSHMIIPRIYA P	K.RAMAKRISHNAN COLLEGE	VERY HELPFUL	GOOD	3 YES	YES	Good	6374356710
6/20/2020 15:33:05	gokulnathrajendran123@gmail.com	0	GOKULNATH R	K. Ramakrishnan College Of	VERY HELPFUL	VERY GOOD	3 YES	YES	No	9790495849
6/21/2020 15:47:14	prasanthtamil2001@gmail.com	0	BALA MURUGAN T	K.RAMA KRISHNAN COLLEGE	VERY HELPFUL	VERY GOOD	1 YES	YES		9384970388
6/22/2020 13:13:24	dhamsajay2001@gmail.com	0	S.Ajay prasanna	K.Ramakrishnan college of te	EXTREMELY HELPFUL	EXCELLENT	1 YES	YES	No	6369210616
6/26/2020 16:37:57	kumaranvelan18@gmail.com	0	V.THIRU KUMARAN	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	4 YES	YES		9042284461



PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLL
363, ARCOT ROAD, ZODAMBAKALAKA,
CHENNAI-600 026

Webinar on JOURNEY OF AN ENTREPRENEUR

On June 22nd department of Electronics and communication Engineering conducted a webinar on "Journey of an Entrepreneur". The webinar was opened to the gathering at 11:30 AM. The event began with a welcome address by Mr.S.Balasubramanian, Asso.Prof, followed by Chief guest introduction. Dr. A.Babiyola, Prof introduced the Chief Guest Mr.Muthiah Pillai, CEO, Bits Computer System, Chairman, RECT Polytechnic college.

Mr. Muthiah gave a brief introduction about himself and how he started his career. He shared different aspects of his journey in life which led him to become a successful entrepreneur. He gave a mind blowing speech about how to conquer achievements in life. The participants had an opportunity to clarify their queries with the speaker who addressed each query patiently. The question answer session was an inspiring and motivating session.

Around 200 participants from various engineering colleges attended the session. On concluding note Mr.Balasundaram, Asst.Prof, thanked the speaker for spending his valuable time, informative, motivational speech and the participants who contributed to the success of the webinar.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)
363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
ORGANIZES

A WEBINAR on
Journey of an Entrepreneur

CONVENOR
Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS
Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Dr.A.Babiyola,
Professor, ECE-MSEC

SPEAKER



Mr.Muthiah Pillai
Bits Computer System
CEO,
RECT Polytechnic College
Chairman

CO-ORDINATORS
Mr.S.Balasubramanian
Mr.A.Joseph
Mr.S.Elangovan

For Registration



DATE: 22/6/2020 TIME: 11.30AM - 12.30PM

Free Registration...!!!
<https://forms.gle/wvQWVaBRr9LZrbsa6>

E-Certificates will be Provided.

visit us at
www.msec.edu.in
Contact us at
msecwebinarsession5@gmail.com

   Advancing Technology for Humanity

Timestamp	Email Address	Score	FULL NAME (In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU HOW LIKELY IS THAT YOU WOULD THE WEBINAR IMPROVE DO YOU PLAN TO ATTEND / MOBILE NUMBER	ANY OTHER COMMENT
6/22/2020 10:46:48	akshara2001@gmail.com		AKSHAYA S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	705266205 Very useful information
6/22/2020 10:46:50	smrithi1@gmail.com		SMRITHI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	5361891086
6/22/2020 10:47:18	graveev2000kumar@gmail.com		G. PRAVEENKUMAR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	4 YES	9003255084
6/22/2020 10:47:47	ohmshah@gmail.com		O. OHMESH VEL	AGNI COLLEGE OF TECHNOLOGY	EXTREMELY HELPFUL	5 YES	9566915848 Nice presentation.
6/22/2020 10:48:03	v.p.sasikumar@gmail.com		V. P. SASIKUMAR P	MOHAMED SATHAK ENGINEERING	VERY HELPFUL	4 YES	9677332879 Well Done
6/22/2020 10:48:17	mranjana24@gmail.com		M. RANJANA	Karpagam Academy Of High	EXTREMELY HELPFUL	5 YES	+18621860233 Very helpful
6/22/2020 10:48:17	vidyapathi@gmail.com		V. VIDYA PRABHA	S.A. ENGINEERING COLLEGE	VERY HELPFUL	4 YES	9443369592
6/22/2020 10:48:23	santosh30199@gmail.com		S. SANTOSH KUMAR J	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	9054925471
6/22/2020 10:48:26	sowmyaravivom1234@gmail.com		S. GUNAWATHY R	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	7397190220 NIL
6/22/2020 10:48:27	rajuveedeshah@gmail.com		R. DEEKSHA S	ADHYATMA COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	5 YES	8610307791 Good
6/22/2020 10:48:48	theresa2001@gmail.com		T. RESHA S	ST. MARY'S COLLEGE	EXTREMELY HELPFUL	4 YES	9061161605 Very informative session
6/22/2020 10:48:59	hanani_prya2000@gmail.com		H. THARANI A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	3 YES	7354294584
6/22/2020 10:49:20	akhilazhar10@gmail.com		A. AKHILAZAR	KARPAGAM ACADEMY OF ENGINEERING	EXTREMELY HELPFUL	5 YES	8078985236
6/22/2020 10:49:49	arthykathive1997@gmail.com		A. ARTHI K	SRI MANAKULA VINAYAGA	EXTREMELY HELPFUL	5 YES	8822696062 Good experience but one request is please send the certificate quickly... Thank you
6/22/2020 10:50:00	thayya2001@gmail.com		T. DHANWANI V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	9566113196 No
6/22/2020 10:50:11	moheemfaroo19@gmail.com		M. MOHEEM FAROOQ	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	3 YES	9443369592
6/22/2020 10:50:19	sundaresan@gmail.com		S. SUNDARESAN J	RVS EDUCATIONAL TRUST	EXTREMELY HELPFUL	4 YES	8508425694 Good and useful
6/22/2020 10:50:24	selvam77@gmail.com		S. C. SELVAM	RVS School of Engineering	EXTREMELY HELPFUL	5 YES	9487387941 Nil
6/22/2020 10:50:46	nandhubomed@gmail.com		N. NANTHINI S	AVINASHILINGAM INSTITUTE	VERY HELPFUL	5 YES	9597794880 Nil
6/22/2020 10:50:52	vinodhara0@gmail.com		V. VINODHARA R	S.A. ENGINEERING COLLEGE	EXTREMELY HELPFUL	5 YES	9848919168 Nil
6/22/2020 10:51:38	parasuram2001@gmail.com		P. PARASURAM M	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	7550184232
6/22/2020 10:51:55	soujanyaas0803@gmail.com		S. SOWJANYA A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	5 YES	7338739174
6/22/2020 10:51:56	swarnasampath02@gmail.com		S. SWARNAMBIGAI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	6382647749
6/22/2020 10:52:33	satya_sai@gmail.com		S. DHANVASREE AALAYA S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	5 YES	979632143
6/22/2020 10:52:59	praveensuresh19@gmail.com		P. M. S. PRAVEEN SURESH W	SVYED ANIMAL ENGINEERING	EXTREMELY HELPFUL	5 YES	9565311471 Good
6/22/2020 10:53:09	ananth@newprinceshibhavt@gmail.com		A. ANANTHI	New Prince Shri Bhavani Coll	VERY HELPFUL	5 YES	9944254207 Well organized
6/22/2020 10:53:19	skivala25@gmail.com		Dr. S. KALASAVALLI	PSNA College of Engineering	EXTREMELY HELPFUL	5 YES	9486455077 Nil
6/22/2020 10:53:22	kannan_9201127@gmail.com		D. D. S. KANNAN	RVS EDUCATIONAL TRUST	EXTREMELY HELPFUL	5 YES	9994010069
6/22/2020 10:53:26	saraswathi4@gmail.com		S. SARASWATHI K	RVS SCHOOL OF ENGINEERING	EXTREMELY HELPFUL	5 YES	9565309083 Nil
6/22/2020 10:53:49	prityankar@saec.ac.in		P. PRITYANKAR S	S.A. ENGINEERING COLLEGE	EXTREMELY HELPFUL	5 YES	8090450301
6/22/2020 10:54:02	maheswaran_u@tchemai.ac		M. MAHESWARAN U	RAJALAKSHMI INSTITUTE	EXTREMELY HELPFUL	5 YES	8015853989 Very good and informative
6/22/2020 10:54:13	sowmyasathyafeb12@gmail.com		S. SOWMIYA M	KARPAGAM ACADEMY OF ENGINEERING	EXTREMELY HELPFUL	4 NO	9566321648 Nothing
6/22/2020 10:54:18	anusha4@gmail.com		K. MOHAMMED ARSHAD	KARPAGAM ACADEMY OF ENGINEERING	EXTREMELY HELPFUL	5 YES	8096860603 Please share the ppt
6/22/2020 10:54:43	prajwalraj@gmail.com		P. RAJESH SANGEETH KUMAR	SANKETRA INSTITUTE OF TECHNOLOGY	VERY HELPFUL	5 YES	+919160734644 more informative
6/22/2020 10:55:00	mailgpk1508@gmail.com		K. KALANDEH PALANI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	8822694880
6/22/2020 10:55:39	sathya@saec.ac.in		Mrs. S. Sathya	S.A. Engineering College	EXTREMELY HELPFUL	4 YES	9840009447 Informative
6/22/2020 10:55:50	weathakshmi41@gmail.com		G. C. SWATHI LAKSHMI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	6386866627
6/22/2020 10:56:12	shobhana160@gmail.com		S. SHOBANA S	Mar Ephraem College of Eng	VERY HELPFUL	4 YES	9003099872 Great session
6/22/2020 10:56:53	shobhana160@gmail.com		S. SHOBANA S	MAREPHRAEM COLLEGE	VERY HELPFUL	4 YES	9003099872 Overall good session
6/22/2020 10:57:01	prijashakar08@gmail.com		G. GIRIJA A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	5 YES	7358605388 Thank you for this webinar
6/22/2020 10:57:35	kubendran_scmdu@gmail.com		R. KUBENDRAN	SOLAMALAI COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	5 YES	9894580819 It's wonderful webinar
6/22/2020 10:57:43	anitha@saec.ac.in		A. ANITHA B M DSILVA	R V INSTITUTE OF MANAGEMENT	EXTREMELY HELPFUL	5 YES	9742278574 As a faculty of a non-school background the concept of machine learning has helped me to decide what my son will be able pursue in future and the growth seen and developments for industry.
6/22/2020 10:58:00	divyaranan17@gmail.com		D. DIVYANANTHI R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	5 YES	8030765079 Excellent
6/22/2020 10:58:37	josephesra@gmail.com		Mr. A. Joseph Sathidhas E	Meenakshi Sundararajan Eng	EXTREMELY HELPFUL	5 YES	9884465538
6/22/2020 10:58:46	divyapathi1127@gmail.com		D. Divya P	L&T Constructions	VERY HELPFUL	3 YES	638118251
6/22/2020 10:59:19	vallammasivekumar27@gmail.com		V. VALLAMMA S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	936138212
6/22/2020 10:59:28	subha_s@tchemai.edu.in		S. S. Subha	RAJALAKSHMI INSTITUTE OF ENGINEERING	EXTREMELY HELPFUL	5 YES	+919941139732
6/22/2020 10:59:39	hainemuge2111@gmail.com		H. HAINEM M	STELLA MARIS COLLEGE	VERY HELPFUL	3 YES	770848203 No comments
6/22/2020 10:59:43	poornivignesh@gmail.com		P. POORNI VIGNESH KUMAR S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	6382459884
6/22/2020 10:59:45	m.vidhyarani2000@gmail.com		M. VIDHYARANI M	MADHA ENGINEERING COLLEGE	EXTREMELY HELPFUL	5 YES	8681821157 Thank you sir for this wonderful session.
6/22/2020 11:00:09	appalajayabharathi@gmail.com		A. APPALAJAYA BHARATHI	NADIMPALLI SATYANARAYA	VERY HELPFUL	3 YES	7075322890
6/22/2020 11:00:12	vishalpr123@gmail.com		V. VISHALESH KUMAR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	3 YES	9003255084 Nice
6/22/2020 11:00:28	vengadapathraj_m@tchemai.edu.in		V. VENGADAPATHIRAJ MURUGAN	Rajalakshmi Institute of Tech	EXTREMELY HELPFUL	5 YES	8072701560 No
6/22/2020 11:00:45	mail@bavani.s@gmail.com		B. BAVANI S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	9719836344
6/22/2020 11:00:48	manjmedha26@gmail.com		M. MANJMEDHA S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	4 YES	9791109291
6/22/2020 11:01:25	phenanth@tchemai.edu.in		P. PHANULURI HEEMANTH KISHOR	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	4 YES	6386883286
6/22/2020 11:01:33	krishnakumar V@gmail.com		K. KRISHNAKUMAR V	KONGUNADU COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	5 YES	8124144046 Good seminar
6/22/2020 11:01:56	umayal.cd@vit.ac.in		Dr. C. Umayal	VIT Chennai	EXTREMELY HELPFUL	5 YES	900035785 Well organised.
6/22/2020 11:02:15	geetharaman1977@gmail.com		G. GEETHA RAMAN	Vetammal Engineering College	EXTREMELY HELPFUL	5 YES	9940693206 Good and informative
6/22/2020 11:02:19	sheeran0@gmail.com		C. D. SHEERAN	JERUSALEM COLLEGE OF ENGINEERING	EXTREMELY HELPFUL	5 YES	978647167 Good
6/22/2020 11:02:41	herli@tchemai.edu.in		H. HERLI L T	Mar Ephraem College of Eng	VERY HELPFUL	5 YES	9489788553
6/22/2020 11:02:49	dsew080399@gmail.com		D. DURGA DEVI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	7401425969
6/22/2020 11:02:59	keerthiga1717@gmail.com		I. G. KEERTHIGA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	9176970452
6/22/2020 11:03:00	ponnyenma@gmail.com		P. PONNIA P	Immanuel Arasar JJ College	EXTREMELY HELPFUL	4 YES	7598519810 good
6/22/2020 11:03:00	franklin_gov@gmail.com		F. FRANKLIN G	SITA	VERY HELPFUL	4 YES	9986142384 Great session
6/22/2020 11:03:05	hikashaf@gmail.com		H. VIKHAKRATHI	MNM JAIN ENGINEERING	VERY HELPFUL	5 YES	9445214185 Good presentation
6/22/2020 11:03:23	rc_janani@yahoo.co.in		O. JANANI RC	IIM SHILLONG	VERY HELPFUL	5 YES	9789897091
6/22/2020 11:03:32	varunsrinath4@gmail.com		A. VARUN SRINATH	DR MGR EDUCATIONAL AN	VERY HELPFUL	4 YES	7905817553
6/22/2020 11:03:34	dhinakar2002@gmail.com		D. DHINAKAR	IRT POLYTECHNIC COLLEGE	VERY HELPFUL	4 YES	9360422173 great presentation...
6/22/2020 11:04:19	vignaraj@gmail.com		V. VIGNARAJAN	MEENAKSHI SUNDARARAJ	VERY HELPFUL	2 YES	755029618
6/22/2020 11:04:29	praveen_sivastava@krishnac		P. PRAVEEN SIVASTAVA	KRISHNA ENGINEERING COLLEGE	EXTREMELY HELPFUL	5 YES	869862495
6/22/2020 11:04:55	bebino.rs@gmail.com		O. BEBINO N S	SITA	EXTREMELY HELPFUL	5 YES	7373972722
6/22/2020 11:05:09	harnir20@gmail.com		H. HARNIR R	PAWAI ENGINEERING COL	VERY HELPFUL	4 YES	7339683291
6/22/2020 11:05:20	vengadapathrasa2002@gmail.com		V. VENGADAPATHIRAJ S	VELAMMAL ENGINEERING	VERY HELPFUL	4 YES	9443066307
6/22/2020 11:06:56	sundaranarayanan@tchemai.edu.in		S. Sundaranarayanan	Rane brake lining ltd	VERY HELPFUL	3 YES	994027602
6/25/2020 9:54:20	velu2185@gmail.com		O. VELLU A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	9884246749 GOOD
6/30/2020 10:23:32	jana2000prya@gmail.com		O. JANA PRIYA C	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	5 YES	7448873590



PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLL
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

Webinar on ADVANCEMENT IN MANUFACTURING AND INDUSTRY 4.0

The department of Electronics and communication Engineering conducted a webinar on the topic "PRESENTATION ADVANCEMENT IN MANUFACTURING AND INDUSTRY 4.0" on 22/06/2020. The event started with a prayer song followed by a welcome address .

The speaker Mr.Hari Santhosh, Solution architect, Honeywell Germany started by saying " Without data you're just another person with opinion". He then explained about the advancement in the future of manufacturing in industry 4.0. Each and everyone working for the welfare of the industry should be able to fulfill the customer's need by a cyber physical system which converts the analog world to the digital world. The growth of IOT is increasing day by day. It is used to bring different datas together. Many of us are not aware of dark data, in today's generation 90% of data is dark and 60% of data is lost.

The speaker then added up about the Rami model for industry 4.0 which is mainly used in digitalization of industries. He enlightened the minds of students by letting them know more about different types of processing used in manipulating data.

His intellectual talk regarding the topic made the students have more interest in Machine learning and manufacturing. The session was very beneficial for the future entrepreneurs. The webinar ended with a vote of thanks given by the faculty of ECE.



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)

363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ORGANIZES

A WEBINAR on

RECENT ADVANCEMENT IN MANUFACTURING AND INDUSTRY 4.0

SPEAKER

CONVENOR

Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS

Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Dr.A.Babiyola,
Professor, ECE-MSEC



*V. Hari Santhosh
Solution Architect,
Honeywell, Germany*

CO-ORDINATORS

Mrs.N.Meenakshi
Mrs.B.Saraswathy
Mrs.M.Manjula

For Registration



DATE: 22/6/2020 TIME: 10AM - 11AM

Free Registration...!!!

<https://forms.gle/x4pCcd86EAZSrVRDA>

E-Certificates will be Provided.



visit us at
www.msec.edu.in

Contact us at
msecwebinarsession3@gmail.com

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	HOW WOULD YOU RATE THE WEBINAR	HOW LIKELY IS THAT YOU WOULD ATTEND / MOBILE NUMBER	ANY OTHER COMMENT	
6/22/2020 12:39:34	ohmohms@gmail.com	0	OHMSAKTHI VEL	AGNI COLLEGE OF TECHN	EXTREMELY HELPFUL	EXCELLENT	5	YES	9566915848 If there is any PPT, it would be better
6/22/2020 12:39:38	ashoksham@gmail.com	0	ASHOK PATIL	P. D. A. COLLEGE OF ENGIN	VERY HELPFUL	VERY GOOD	4	YES	944852269 Excellent
6/22/2020 12:39:40	ksive@gmail.com	0	Dr. Kirti Chetty	Shri Krishnaswamy College	EXTREMELY HELPFUL	EXCELLENT	5	YES	9444839978 no
6/22/2020 12:39:48	gna.tarandeep Singh@gmail.c	0	TARANDEEP SINGH	GURU NANAK DEV ENGINE	VERY HELPFUL	VERY GOOD	4	YES	9014705252
6/22/2020 12:39:58	lvaliamainthi@gmail.com	0	VALLIAMMAL L	S.A.Engineering Coll	EXTREMELY HELPFUL	EXCELLENT	5	YES	9444488887 Excellent
6/22/2020 12:39:59	anusht162001@gmail.com	0	G ANUSHA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	738227667
6/22/2020 12:40:16	soomyjarasivom1234@gmail	0	GUNAWATHY R	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	NIL
6/22/2020 12:40:29	vdvyprabha@gmail.com	0	V.D.VIYA PRABHA	SA Engineering College	EXTREMELY HELPFUL	VERY GOOD	5	YES	9840385092
6/22/2020 12:40:32	saranyagayathri@gmail.com	0	SARANYA GAYATHRI S K	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	8778067815
6/22/2020 12:40:38	maanaw@gmail.com	0	MAANASWINIK K	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9444483057
6/22/2020 12:41:05	grijaashokan08@gmail.com	0	GRUJA A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	7358653388 It was a very useful session thank you
6/22/2020 12:41:05	prajavatsaravani100@gmail	0	PRADYAKSHINI V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	6369164600 Interesting and motivational
6/22/2020 12:41:08	franklin_ges@gmail.com	0	Franklin Edward singh G	SITA	VERY HELPFUL	VERY GOOD	4	YES	9986142364 Super session
6/22/2020 12:41:08	tanusharmataniha001@gmail	0	TANISHA SHARMA	THE ICFAI UNIVERSITY	VERY HELPFUL	VERY GOOD	4	YES	8219373041 It was really a helpful session that nicely shows, that the actual asset of our life is our true friends , who stays always with us with their valuable support.
6/22/2020 12:41:09	pm.rasuu@gmail.com	0	PMUTHURASU	GOVERNMENT POLYTECH	VERY HELPFUL	EXCELLENT	4	YES	9442533052 Very nice informative presentation sir
6/22/2020 12:41:15	kesav63@yahoo.co.in	0	Dr.K. KESAVARAM	GOVERNMENT ARTS COLLI	VERY HELPFUL	VERY GOOD	5	YES	9448056769 VERY USEFUL
6/22/2020 12:41:20	jana2000pry@gmail.com	0	JANA PRIYA C	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	7448873590 Excellent and interesting
6/22/2020 12:41:22	keertihg1717@gmail.com	0	I.G.KEERTHIGA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9176970452
6/22/2020 12:41:26	abhin178@gmail.com	0	ABIRAM D	GOVERNMENT POLYTECH	EXTREMELY HELPFUL	EXCELLENT	5	YES	9488731315 Nice presentation
6/22/2020 12:41:31	keertunagalakshmi29@gmail	0	KEERTHANNA R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9150922844 Awesome session and thanks for the opportunity
6/22/2020 12:41:39	cubaesra@gmail.com	0	Dr. J. Angelin Cuba	Shri Krishna Swamy college	EXTREMELY HELPFUL	EXCELLENT	5	YES	9884142032
6/22/2020 12:41:44	jayshmbaba@gmail.com	0	JAYSHMA.G.B	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5	YES	984064323 No
6/22/2020 12:41:54	praveenkishore967@gmail.co	0	T. PRAVEEN KISHORE	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	6383772576
6/22/2020 12:42:23	abhiyajeet777@gmail.com	0	ABHIRA RAJEEV	KARPAGAM ACADEMY OF I	VERY HELPFUL	VERY GOOD	5	YES	06282959627
6/22/2020 12:42:24	gun4142@gmail.com	0	GUNASEKARAN M	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9123593102 Nil
6/22/2020 12:42:30	angelpragash@gmail.com	0	S. ANGEL LEEILA	Shrikrishna Swamy college	EXTREMELY HELPFUL	EXCELLENT	5	YES	9444835529 No
6/22/2020 12:42:47	monikareddy66@gmail.com	0	V. MONIKA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9005040583
6/22/2020 12:42:48	sureshveer888@yahoo.com	0	V.SURESH	MAHER	VERY HELPFUL	VERY GOOD	4	YES	9382345780 Very nice presentation of all his struggle s
6/22/2020 12:42:49	senthilkumar.02012000@gmail	0	SENTHILKUMAR	KARPAGAM ACADEMY OF I	VERY HELPFUL	EXCELLENT	3	YES	9578942187 excellent
6/22/2020 12:42:51	veenathakur007@gmail.co	0	Dr. Veena Thakur	Banukuliah University	EXTREMELY HELPFUL	EXCELLENT	5	YES	9713897435 Wonderful and useful session!
6/22/2020 12:43:21	trippathaceor@gmail.com	0	Dr.R. THIRUPATHI	SRI SARADA COLLEGE FOR	EXTREMELY HELPFUL	EXCELLENT	5	YES	9786123446 No comment, its very good session. Thank u organizer. Thank u
6/22/2020 12:44:19	sashmi112@gmail.com	0	O.SASHANTH	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5	YES	9170648222 Good one
6/22/2020 12:44:21	santhanalakshmi.v@gmail.c	0	SANTHANALAKSHMI V S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9884455146 Very inspiring. Thank you MSEC, Babai mam,Suji mam, Babiyola mam and Bala Sir and ECE department for this opportunity.
6/22/2020 12:44:36	mahesh.rockstar2009@gmail	0	ALKANA MAHESHKUMAR	Andhra University College of I	EXTREMELY HELPFUL	EXCELLENT	5	YES	9133773317 It's very informative secession
6/22/2020 12:44:46	muthu0906@yahoo.com	0	MUTHUMANIKANDAN M	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	VERY GOOD	5	YES	9962894768 Good initiatives will likely to attend more webinar in future
6/22/2020 12:44:47	kartickkips@gmail.com	0	KARTICK K	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9444991638
6/22/2020 12:44:48	sovakmani30@gmail.com	0	SOVANTHARYA SARAVANA	KARPAGAM ACADEMY OF I	VERY HELPFUL	VERY GOOD	5	YES	852529434 Its quite knowledgeable
6/22/2020 12:44:52	vijayashreevis21@gmail.co	0	VIJAYASHREE V	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	7904245963 Very awesome
6/22/2020 12:45:08	manibalanmohad2001@gmail	0	M. MANIBALAN	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	5	YES	8925049328 it's very interesting
6/22/2020 12:45:20	harish070301@gmail.com	0	R.HARISH	PRINCE SHRI VENKATESH	EXTREMELY HELPFUL	EXCELLENT	5	YES	9344082716 Nil
6/22/2020 12:46:06	prasannanr@gmail.com	0	PRASANNA VENKATESH N	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9300461855 No
6/22/2020 12:46:30	monal3raj@gmail.com	0	R.MONAL	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9840984955
6/22/2020 12:46:34	gouthangowtham3056@gmail	0	C.GOWTHAM	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	2	YES	8072679764
6/22/2020 12:47:11	pragaceo81@yahoo.co.in	0	Dr.PRAGU	Thiru.V.Ka Government Arts	EXTREMELY HELPFUL	EXCELLENT	3	YES	9943354268 Excellent
6/22/2020 12:47:15	soomyssuresh01@gmail.com	0	SOMMYA S	KARUNYA INSTITUTE OF T	VERY HELPFUL	VERY GOOD	3	YES	9361325762 Sir/Maam, I was unable to hear much. Hoping to see the vedio on YouTube so that we might get benefit to the fullest.
6/22/2020 12:47:16	shruthisuresh2012002@gmail	0	SHRUTHI S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9962601736 Very helpful
6/22/2020 12:47:25	sivaramansonsundaram@g	0	S.M.SIVARAMAN	MEENAKSHI COLLEGE OF I	VERY HELPFUL	EXCELLENT	5	YES	9789751420 Good and informative.
6/22/2020 12:48:23	keertanarav51@gmail.com	0	R.KEERTHANA	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9042345956
6/22/2020 12:50:04	akavitha1992@yahoo.com	0	A.KAVITHA	QUAID E MLLATH GOVERN	VERY HELPFUL	VERY GOOD	4	YES	9841532071 Good session
6/22/2020 12:50:10	poorjivignesh@gmail.com	0	POOJIT VIGNESH KUMAR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9382549684
6/22/2020 12:53:01	maheshwaran.u@nitcheennai.ec	0	MAHESWARAN U	RAJALAKSHMI INSTITUTE	EXTREMELY HELPFUL	EXCELLENT	5	YES	8015853989 Very Useful for us
6/22/2020 12:53:41	yokeshce07@gmail.com	0	YOKESHWARAN M	Easwari engineering college	EXTREMELY HELPFUL	EXCELLENT	5	YES	6383933369
6/22/2020 12:56:57	rnandana24@gmail.com	0	Nandana M	Karpagam Academy Of High	EXTREMELY HELPFUL	EXCELLENT	4	YES	+18921690323 Extremely helpful
6/22/2020 12:57:22	valasandivya@jcmurthy@gr	0	Dr. V. DIVYATHEJOMURTHY	DEPARTMENT OF RURAL D	VERY HELPFUL	VERY GOOD	3	YES	9441244847 In processing of certificate, please free to call me, if you get any problem regarding the above
6/22/2020 12:57:38	vesh185@gmail.com	0	VELU A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9894249749 It was nice experience
6/22/2020 12:58:31	chandini.j@gmail.com	0	CHANDHINI.J.B	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9841086660 Very inspiring
6/30/2020 9:58:13	mohamedfarooq108@gmail.c	0	MOHAMMED FAROOQ I	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9445366652 Nice session
6/30/2020 10:02:40	saithamzaa@gmail.com	0	MOHAMMED HAMZA	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	7305868878

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLL
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

Webinar on WORLD AFTER COLLEGE

DATE: 27/06/2020

First of all, we thank our management for providing a chance for the Department Of Electronics and Communication in organizing events and webinars apart from curriculum to make students understand the prospects in future. We were really happy to listen to Ms.Loganya Kaliappan, Associate Vice President, Standard Chartered GBS Pvt. Ltd on the topic “**WORLD AFTER COLLEGE**”. This topic is very essential for the students to understand what is expected from them technologically and professionally when they step in their next phase. This session helped us in knowing about the future prospects as well as what are all the challenges we would be facing in our career prospects.




 **MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**
(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)
363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
ORGANIZES


A WEBINAR on
World After College

CONVENOR
Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS
Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Dr.A.Babiyola,
Professor, ECE-MSEC

SPEAKER

Ms.Loganya Kaliappan
Associate Vice President
Standard Chartered GBS Pvt Ltd

CO-ORDINATORS
Mr.S.Balasundaram
Mr.A.Velu
Ms.S.Sindhu

For Registration


DATE: 27/6/2020 TIME: 4PM - 5PM
Free Registration...!!!
<https://forms.gle/Gm9AtH7sJRfMQ2o26>
E-Certificates will be Provided.

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msecwebinarsat2@gmail.com

Timestamp	Email Address	Score	FULL NAME(In block letters)	INSTITUTION / ORGANIZATION	HOW HELPFUL WAS THE WEBINAR	OVERALL HOW WOULD YOU RATE	HOW LIKELY IS THAT YOU WOULD ATTEND THE NEXT WEBINAR	ANY OTHER COMMENT	
6/27/2020 15:02:10	manimekalai_viree@ict.ac.in	0	V MANIMEKALAI	KUMARAGURU COLLEGE	EXTREMELY HELPFUL	EXCELLENT	5	YES	9994674492 Good conduct
6/27/2020 15:02:18	praneethreddyjanreddy@gn	0	SRI PRABA	VIVEKANANDA COLLEGE	EXTREMELY HELPFUL	EXCELLENT	5	YES	9361270970
6/27/2020 15:02:21	priyadarshini26@gmail.com	0	INDHRA PRIYADARSINI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	GOOD	3	YES	7010279859
6/27/2020 15:02:28	chirulaya@gmail.com	0	V CHITRA	MNM JAN ENGINEERING C	VERY HELPFUL	GOOD	4	YES	0996276368
6/27/2020 15:02:50	rithvikkaanand1999@gmail.	0	RITHVIK/KKANAND	AVINASHLINGAM INSTITUT	EXTREMELY HELPFUL	EXCELLENT	4	YES	9080302288 Nil
6/27/2020 15:02:54	amudhanthala@gmail.com	0	A. VALARMAHI	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5	YES	7358609272 It was helpful to me
6/27/2020 15:03:05	sviv@evoc.ac.in	0	K. SRIVIDHYA	SRI VENKATESWARA COLLE	EXTREMELY HELPFUL	EXCELLENT	5	YES	7559010000 Nice session
6/27/2020 15:03:21	maddaj.melvin@gmail.com	0	MAHENDRAN.S.S	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3	YES	+918072127909
6/27/2020 15:03:36	veliz185@gmail.com	0	VELU A	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9884246749 It was informative session
6/27/2020 15:04:01	raleykumar@gmail.com	0	TEJ KUMAR.Y.A	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	07299964500
6/27/2020 15:04:04	gajjala.sadarkka@gmail.com	0	GAJJALA SADARKKA	VAAGDEVI ENGINEERING I	VERY HELPFUL	EXCELLENT	5	YES	7556908171
6/27/2020 15:04:13	shayya2001@gmail.com	0	DHAVANCIH V	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	4	YES	9566113196 NO
6/27/2020 15:05:35	sanganmitrabnme2017@gmai	0	S.SANGAMITHRA	AVINASHLINGAM INSTITUT	EXTREMELY HELPFUL	EXCELLENT	5	YES	9080716687 Nil
6/27/2020 15:06:21	arunrajr@gmail.com	0	ARUN RAJ S R	UNIVERSITY B.D.T COLLE	VERY HELPFUL	VERY GOOD	4	YES	9164488280 Informative Session
6/27/2020 15:06:27	ashwarya.22@iict.ac.in	0	Ashwarya A	Loyola ICAM College og	Eng	EXTREMELY HELPFUL	5	YES	9877273396
6/27/2020 15:06:41	m.vidhyaran200@gmail.com	0	VIDHYA RANI M	MADHA ENGINEERING CO	VERY HELPFUL	VERY GOOD	4	YES	6681821157 This session was helpful
6/27/2020 15:07:18	sujmasa@gmail.com	0	Dr. M. Sujatha	Hindustan Institute of Technol	EXTREMELY HELPFUL	EXCELLENT	5	YES	9941035024 nil
6/27/2020 15:07:53	baleashomega@gmail.com	0	K.Baleashvar	meenakshi sundararajan eng	VERY HELPFUL	GOOD	4	YES	7904329613
6/27/2020 15:07:53	kannadhasan.ec@gmail.com	0	S.KANNADHASAN	CHERAN COLLEGE OF ENG	EXTREMELY HELPFUL	EXCELLENT	5	YES	9877565511
6/27/2020 15:08:00	mohamedfarooq108@gmail.c	0	Mohamed Farooq I	Meenakshi Sundararajan Eng	SOMEWHAT HELPFUL	VERY GOOD	3	NO	9443368552
6/27/2020 15:08:44	gouriprasad.c@gmail.com	0	GOURIPRASAD CHITKENA	GOVERNMENT POLYTECH	EXTREMELY HELPFUL	EXCELLENT	5	YES	970100022
6/27/2020 15:08:59	sbhaya001@gmail.com	0	SOWBHAGYAMMA.H.M.	P.V.P.POLYTECHNIC	VERY HELPFUL	EXCELLENT	5	YES	990079034 NO
6/27/2020 15:09:14	abhi1961.1961@gmail.com	0	ABHISHIKH SUDHEEVAN	MEENAKSHI SUNDARARAJ	SOMEWHAT HELPFUL	VERY GOOD	2	NO	9444292599
6/27/2020 15:09:19	shivrajam@gmail.com	0	SHIVRAJAM K	ERICSSON INDIA GLOBAL S	VERY HELPFUL	VERY GOOD	5	YES	9500142714
6/27/2020 15:09:21	maheshwari_u@rithemai.ec	0	MAHESHWARI U	RAJALAKSHMI INSTITUTE I	VERY HELPFUL	VERY GOOD	5	YES	8019833989 very good
6/27/2020 15:09:24	divyasharhinisevam2000@	0	S.DIVYA DHARSHINI	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	7358633887 Very useful
6/27/2020 15:09:39	aakash_k@srmmv.edu.in	0	Aakash vk	SRM INSTITUTE OF SCIEN	VERY HELPFUL	EXCELLENT	5	YES	9597550812 Nope
6/27/2020 15:09:41	pragya112001@gmail.com	0	PRAGYA SHARMA. R	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3	YES	735867894 It was a great session
6/27/2020 15:09:48	umarajest@gmail.com	0	P.UMAMAHESHWARI	JAWAHAR ENGINEERING C	EXTREMELY HELPFUL	EXCELLENT	5	NO	09884902584 Nice and very informative session CLEAR INFORMATION ABOUT EMI AND EMC
6/27/2020 15:10:21	satheshkumar.ec@gmail.com	0	SATHESHI KUMAR	MEENAKSHI SUNDARARAJ	VERY HELPFUL	EXCELLENT	5	YES	9790446537
6/27/2020 15:11:08	sarathi200@gmail.com	0	PRYALIN	MEENAKSHI SUNDARARAJ	VERY HELPFUL	VERY GOOD	3	YES	0383031322
6/30/2020 8:55:38	chinthuvishal@gmail.com	0	B.CHINTHAMANI	ESWARI ENGINEERING CO	EXTREMELY HELPFUL	EXCELLENT	5	YES	9094235700
7/5/2020 16:20:24	monishashidhar200@gmail.c	0	MONISHA S	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	6374241457
7/5/2020 16:21:42	ejazahmed468@gmail.com	0	EJAZ AHMED J	MEENAKSHI SUNDARARAJ	EXTREMELY HELPFUL	EXCELLENT	5	YES	9790889499
7/5/2020 16:27:33	bsaraswathy.ram@gmail.com	0	V.THILAKRATHI	MNM JAN ENGINEERING C	EXTREMELY HELPFUL	EXCELLENT	5	YES	9096524533

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLL
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 824

Webinar on EMIC - INTRODUCTION AND RECENT CHALLENGES FOR 5G

First of all, we thank our management for providing a chance for the Department Of Electronics and Communication in organizing events and webinars apart from curriculum to make students understand the current trends in technology. We were really happy to listen to Dr.M.R Vidhyalakshmi, Senior Member Technical Staff, Saankhya Labs on the topic “**EMIC - INTRODUCTION AND RECENT CHALLENGES FOR 5G**”. This topic is very essential for the Electronics and Communication Engineering students to understand why protocol and implementation of communication has to continue to evolve generation after generation. This session helped us in knowing about the future prospects as well as the challenges we would be facing in implementation of 5G technology.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied)
363, Arcot road, Kodambakkam, Chennai-24

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
ORGANIZES

A WEBINAR on
EMIC - INTRODUCTION AND RECENT CHALLENGES FOR 5G

CONVENOR
Dr.K.S.Babai,
Secretary, MSEC

CO-CONVENORS
Dr.P.K.Suresh,
Principal, MSEC
Dr.K.Umarani,
Dean Academics, MSEC
Dr.A.Babiyola,
Professor, ECE-MSEC

SPEAKER



Dr.M.R.Vidyalakshmi
Senior member Technical staff,
Saankhya Labs Pvt Ltd

CO-ORDINATORS
Mrs.N.Meenakshi
Mrs.B.Saraswathy
Mrs.M.Manjula

For Registration


DATE: 27/6/2020 TIME: 2PM - 3PM

Free Registration...!!!

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E-Certificates will be Provided.

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msecwebinarsat1@gmail.com

6/26/2020 12:44: sindhusathiamur	0	S SINDHU	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	08056525624	
6/26/2020 13:23: baaraswathyram	0	B SARASWATHI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9789983739	
6/26/2020 13:33: prathiba2991@gn	0	P.PRATHIBANAN	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9941213993	
6/26/2020 17:51: saraswathyk49@gn	0	B SARASWATHI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9789983739	
6/26/2020 18:23: manjulavindan@	0	M MANJULA	MSEC EXTREMELY HE EXCELLENT	5	YES	YES	9486083133	
6/27/2020 13:21: babianand2002@	0	Dr.A BABIYOLA	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9444464806 Nil	
6/27/2020 16:59: rajesh.golusala@	0	G.GOLUSALARAJI	GOVERNMENT EXTREMELY HE EXCELLENT	5	YES	YES	7207230652	
6/27/2020 16:59: msnivedha2k@g	0	N NIVEDHA. M.S	MEENAKSHI SU VERY HELPFUL EXCELLENT	4	YES	YES	9791109291	
6/27/2020 16:59: swarnasampath0	0	S SWARNAMBI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	6382647749	
6/27/2020 16:59: praneeethredysir	0	S V PRANEETH G	PULLAREDOY EXTREMELY HE EXCELLENT	4	YES	YES	8688112520	
6/27/2020 16:59: srigrabha92001@	0	SRI PRABHA S	VIVEKANANDHI EXTREMELY HE EXCELLENT	5	YES	YES	+919361270370	
6/27/2020 16:59: vaddearun2000@	0	MR.VADDE ARU	VADDEVI ENG EXTREMELY HE EXCELLENT	5	YES	YES	9752913542 Really it's excellent	
6/27/2020 16:59: anandkumar@sk	0	Dr ANANDKUMAR SRI KRISHNA C	EXTREMELY HE EXCELLENT	5	YES	YES	9843902685 Good and Informative	
6/27/2020 16:59: leenachandrasek	0	L LEENA C	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9344823706 Good	
6/27/2020 16:59: aishwarya.sai1@	0	A AISHWARYAR	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9940537845	
6/27/2020 16:59: nithyasreebalu2	0	B.NITHYASREE	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	7550251035	
6/27/2020 16:59: valliammaselvak	0	V VALLIAMMAI S	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9361382312	
6/27/2020 16:59: kpkkeerthana03@	0	K KEERTHANA.K	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9962197767	
6/27/2020 16:59: priyavatsangeeethi	0	BADUJULI SANGI	SAKNETIKA INS VERY HELPFUL VERY GOOD	5	YES	YES	+919610734644 nice and more informative session sir	
6/27/2020 16:59: sangamithrabmie	0	S.SANGAMITHRA	AVINASHILINGA EXTREMELY HE EXCELLENT	5	YES	YES	9080716667 Nil	
6/27/2020 16:59: monishasridhar2	0	M MONISHA S	MEENAKSHI SU SOMEWHAT HE GOOD	4	YES	YES	6374241475	
6/27/2020 16:59: lokeshmohan051	0	M.Lokesh	Meenakshi Sund VERY HELPFUL GOOD	4	YES	YES	6382767672 Good one	
6/27/2020 16:59: priyaero.jr@g	0	Ms.K.PRIYADHA	JEPPIAAR ENGI VERY HELPFUL GOOD	4	YES	YES	9791064263 Good session	
6/27/2020 16:59: jananiiragh2001	0	J JANANI R	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9150872488	
6/27/2020 16:59: aalaya.sai@gma	0	DHANYASREE A	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	0790832143	
6/27/2020 16:59: sakkharithg@gn	0	S SHARITHRA	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9360894962	
6/27/2020 16:59: rohiniilangavasa@	0	E.S.SANGAVI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	6382807973	
6/27/2020 16:59: kartikeyan11@g	0	K.KARTIKEYAN	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	6383574484	
6/27/2020 16:59: kantamileem123	0	M SELVI	VI INSTITUTE O VERY HELPFUL GOOD	3	YES	YES	7094273525 Good	
6/27/2020 16:59: loganayagi5@g	0	L LOGANAYAGI T	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9444672933	
6/27/2020 17:00: lalalanithya@g	0	B NITHYA	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9789956792	
6/27/2020 17:00: monikadevik1504	0	M MONIKA DEVI.K	Meenakshi Sund VERY HELPFUL VERY GOOD	4	YES	YES	7358649516 Good	
6/27/2020 17:00: arthikathirivel199	0	A ART.H.K	SRI MANAKULA EXTREMELY HE EXCELLENT	5	YES	YES	8825696062 Nice	
6/27/2020 17:00: matsav24@gma	0	U UTHRA.T.K	MEENAKSHI SU VERY HELPFUL GOOD	4	YES	YES	9150739033	
6/27/2020 17:00: valbhavirana1701	0	R.NAKA VASUBHAVI	SHRI MAHAVIR EXTREMELY HE EXCELLENT	4	YES	YES	9712795123 Satisfied	
6/27/2020 17:00: nmithasudandee	0	G.MADHUMITHA	MEENAKSHI SU EXTREMELY HE EXCELLENT	4	YES	YES	8600166590 It was good	
6/27/2020 17:00: kubendran.scm	0	R.KUBENDRAN	SOLAMALAI CO EXTREMELY HE VERY GOOD	5	YES	YES	9894580819 It's wonderful webinar	
6/27/2020 17:00: ejazahmed4688@	0	E.EJAZ AHMED. J	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9790889499	
6/27/2020 17:00: vijaykaldass1@g	0	K.V.VIJAY	MEENAKSHI SU VERY HELPFUL VERY GOOD	5	YES	YES	6369485575	
6/27/2020 17:00: naaznasuha@g	0	N.NASUHA NAZIA	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9841611728 Very interesting session. Thank you so much mam	
6/27/2020 17:00: divyavinooth7@g	0	S.D.VIYA	MURUGAPPA P EXTREMELY HE EXCELLENT	5	YES	YES	+919843995812 Keep going	
6/27/2020 17:00: vadikondalpa	0	V.KALPANA	GOVERNMENT EXTREMELY HE EXCELLEN	5	YES	YES	9959343924 Thank you for conducting the informative webinar	
6/27/2020 17:00: prathiba1910200	0	P.PRATHIBA.G	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	8124210851	
6/27/2020 17:00: dr.savitrasai@g	0	R.KAVITHA V	MEENAKSHI SU EXTREMELY HE EXCELLENT	4	YES	YES	7358508493 I like the session	
6/27/2020 17:00: lathalavanyy@g	0	S.LAVANYA	VI INSTITUTE O EXTREMELY HE EXCELLENT	5	YES	YES	7904477329 No	
6/27/2020 17:00: srigayathirunur	0	SRI GAYATHRI. M	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	7358233001	
6/27/2020 17:00: aparana10082002	0	K.K.APARANA	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9150179857 Nothing	
6/27/2020 17:00: sharonoseelydia@	0	G.LYDIA SHARO	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	8838256907 Nil	
6/27/2020 17:00: sgindharan06@g	0	Gindharan S	Meenakshi sundi VERY HELPFUL VERY GOOD	4	YES	YES	08248855291	
6/27/2020 17:00: priyanka.lamisel	0	T.PRIYANKA	AVINASHILINGA VERY HELPFUL VERY GOOD	5	YES	YES	9677589713 Inspiring	
6/27/2020 17:00: saatheshkmr9@	0	S.SATHEESHKUM VSVN	POLYTEC VERY HELPFUL VERY GOOD	5	YES	YES	9842102271 Congratulations.keep it up	
6/27/2020 17:00: namathasa.kanai	0	N.NARIMATHA. V	AVINASHILINGA EXTREMELY HE EXCELLENT	5	YES	YES	8428612190 Good	
6/27/2020 17:00: erikrishna26@gm	0	K.RISHNANAKUMAI	Kongonadu Coll EXTREMELY HE EXCELLENT	5	YES	YES	8124144046 Excellent speech	
6/27/2020 17:00: snekapadma200	0	S.SNEKA	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	8925338603	
6/27/2020 17:00: kannadhasan.ecu	0	S.KANNADHAS/	CHERAN COLLE EXTREMELY HE EXCELLENT	5	YES	YES	9677565511	
6/27/2020 17:00: m.vidhyarani2001	0	V.VIDHYA RANI M	MADHA ENGINE SOMEWHAT HE GOOD	3	YES	YES	8681821157 Thank you mam for this session	
6/27/2020 17:00: deepan.dud@g	0	D DEEPAN D	KINGS engineer EXTREMELY HE EXCELLENT	5	YES	YES	8056189706 Thankyou for your kind of words and presentation	
6/27/2020 17:00: amudhankala@g	0	A. VALARMATHI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	7358609272 Excellent	
6/27/2020 17:00: gpraveen2000ku	0	G.PRAVEENKUM	MEENAKSHI SU EXTREMELY HE EXCELLENT	4	YES	YES	9003255084 Good	
6/27/2020 17:00: dhanya.deva12@	0	D.DHANYA D	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	7358059637 Good	
6/27/2020 17:00: arungkrishnan98	0	A.ARUN G KRISHI	MEENAKSHI SU EXTREMELY HE VERY GOOD	4	YES	YES	8681031221	
6/27/2020 17:00: gowthamgowthar	0	G.GOWTHAM	MEENAKSHI SU VERY HELPFUL VERY GOOD	2	YES	YES	8072679764	
6/27/2020 17:00: priyavetiselvam1	0	P.PRIYADHARSHI	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	6369164600 Inspiring	
6/27/2020 17:00: nithyasree.hargr	0	N.NITHYASREE	MEENAKSHI SU EXTREMELY HE EXCELLENT	4	YES	YES	9394929977 Good	
6/27/2020 17:00: jayavanshin463@	0	J.JAYA VARSINI	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9445643071	
6/27/2020 17:00: dinesh.sirumuga	0	Dr. V. DINESH K	KUMARAGURU EXTREMELY HE EXCELLENT	5	YES	YES	9003706656	
6/27/2020 17:00: dpas18727@gm	0	A.AISHWARYA.D	MEENAKSHI SU VERY HELPFUL VERY GOOD	3	YES	YES	9791128497 It was a informative session	
6/27/2020 17:00: tpav4638@gmai	0	P Pavithra	Sri adi chunchan EXTREMELY HE VERY GOOD	5	YES	YES	7558103800 I want more video like this it is very help to us..	
6/27/2020 17:00: rajujimsra71@g	0	Dr RAJUJI MISRU MIT	Moradabad EXTREMELY HE EXCELLENT	5	YES	YES	9412866216 Overall excellent session	
6/27/2020 17:00: gs4850@srmsist	0	S.SWATHI GUNAS	SRM INSTITUTE EXTREMELY HE EXCELLENT	4	YES	YES	9962367904 Useful session with so many motivation	
6/27/2020 17:00: aakanaran201@	0	O AKSHAYA.S	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	7092662305 Useful useful	
6/27/2020 17:00: swathisharan02@g	0	O C S.WATHI LALU	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	6369696927	
6/27/2020 17:00: jagadeeshsuryisi	0	Jagadeesh	Meenakshi sundi EXTREMELY HE VERY GOOD	4	YES	YES	7299786047 Use full topic for many engineers	
6/27/2020 17:00: prachibohra.2001	0	R. R. PRACHI SHAI	MEENAKSHI SU VERY HELPFUL GOOD	4	YES	YES	7358567894 It was a great session	
6/27/2020 17:00: varsha.v.284@g	0	V.VARSHA	MEENAKSHI SU VERY HELPFUL VERY GOOD	3	YES	YES	8939105359	
6/27/2020 17:00: rajalakshmi902@g	0	G. G. RAJALAKSHI	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9600084342 It was useful	
6/27/2020 17:00: manojsekar5@g	0	C. C.MANOJ	MEENAKSHI SU EXTREMELY HE VERY GOOD	4	YES	YES	9444732103	
6/27/2020 17:00: austyevangelinel	0	A Austy B. Evangelin	Mar Ephraem Co EXTREMELY HE EXCELLENT	5	YES	YES	9894432789	
6/27/2020 17:00: anishaswetha15@	0	S SWETHA.A	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9150041967 Was Extremely helpful for the future studies	
6/27/2020 17:00: janani.j211@gm	0	J JANANI L	MEENAKSHI SU FERY HELPFUL GOOD	3	YES	YES	9941926752	
6/27/2020 17:00: kavayagnasain05	0	S.KAVYA GOPINI	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	860867227	
6/27/2020 17:00: gayathri3011200	0	O GAYATHRI R	SRM INSTITUTE EXTREMELY HE EXCELLENT	5	YES	YES	07904077719 Nil	
6/27/2020 17:00: gangadhara.ny@	0	O GANGADHARA	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9994364903	
6/27/2020 17:01: sruthisree511@g	0	O SRUTHI.S	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	9840605738 Amazing webinar.Very Informative. It was such an eye opening session.	
6/27/2020 17:01: rsppoja.vino@g	0	V. Y.SHOBANA	NATIONAL COLL VERY HELPFUL VERY GOOD	4	YES	YES	9444009832 Nice session	
6/27/2020 17:01: swathi1108@g	0	R. R.SWATHI	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9150248371 Useful session	
6/27/2020 17:01: keethanarav57@	0	R. R.KEERTHANA	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	9042345956	
6/27/2020 17:01: harshaprasad00k	0	H.HARSHWARDH	MEENAKSHI SU VERY HELPFUL VERY GOOD	4	YES	YES	7941797572	
6/27/2020 17:01: swathies12000@	0	S SWATHIE	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	944563827 Very helpful	
6/27/2020 17:01: sowjanyaas093@	0	S.SOWJANYA.A	MEENAKSHI SU EXTREMELY HE EXCELLENT	5	YES	YES	7338739174	
6/27/2020 17:01: ashwinkumar101	0	A.ASHWINKUMAR	MEENAKSHI SU VERY HELPFUL VERY GOOD	3	YES	YES	7550206949	
6/27/2020 17:01: tharani.priya200	0	T.THARANI. A	MEENAKSHI SU EXTREMELY HE VERY GOOD	4	YES	YES	7358294584	
6/27/2020 17:01: merlinmary112@	0	Nadar Merlin Chi	Karpagam Acade EXTREMELY HE EXCELLENT	5	YES	YES	8108699586 No	

Workshop on Robotics

The Workshop on robotics was conducted on 29th April 2021.

The workshop was about how to design and robotics. The students of ECE attended the session and it was very useful for them in gaining knowledge about it more than learning.

The hands-on experience with such tools and designers made it possible to experience the real process through which robotics can be established.

It was aimed to provide a basic insight into robotics, enlightening students to know more about robotics and further kindle them to do projects in this field.

Overall it was a good experience and the students were able to learn a lot through sessions about the use of robotics practically all over the world with a basic demonstration and furthermore with hands-on experience.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF ECE
PRNAV 2K21
PRESENTS

WORKSHOP on ROBOTICS

REGISTER NOW

DATE 29-04

TIME 9 - 11 AM

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

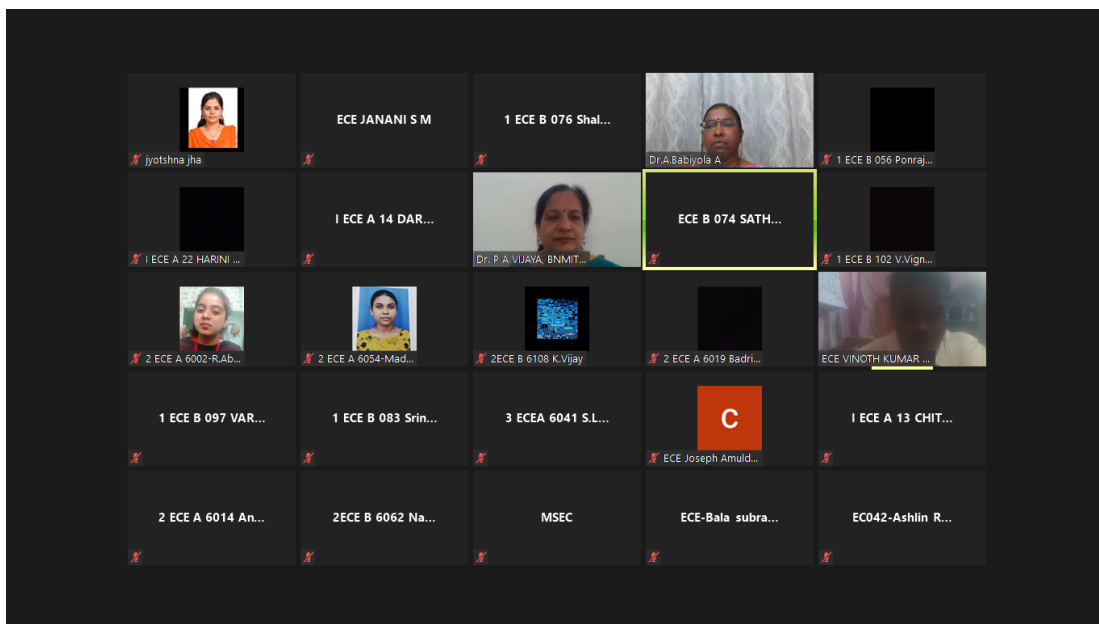
ICARTEC 2021

REPORT

On 11th July 2021, the Department of Electronics and Communication organized INTERNATIONAL CONFERENCE ON ADVANCEMENTS & RECENT TRENDS ON ELECTRONICS & COMMUNICATIONS. The day was divided into two sessions. The forenoon session was handled by Dr Sureswaran Ramadass, Prof Emeritus, Internet Engineering, Malaysia University of Science and technology as the keynote speaker. In the afternoon session, Dr A.Babiyola, Professor, ECE department gave the welcome address and Mr Vinoth Kumar, Assistant Professor, ECE introduced the keynote speaker, Dr P A Vijaya, professor and head of department ECE, B.N.M Institute of Technology, Bengaluru.

She delivered a presentation on the topic “Machine Learning and Deep Learning Techniques Applied for COVID-19 Data”. Initially, she gave us an insight into what is a digital image, the importance of histogram equalization in Image processing. It was followed by the electrogram spectrum, where she spoke on the harmfulness of the CT scan. She also stated how Hyperspectral image is used for covid detection. Later she also explained machine learning algorithms such as Supervised Learning, Unsupervised, etc. She cited real-life examples which gave a clear cut on the working of the algorithm and stated how it is used for the detection of COVID-19.

The session was concluded by a Question and answer session followed by a Technical presentation. On the whole, the day gave us an opportunity to learn something beyond books and inspired us to research more.



REGISTRATION:

Participants are requested to register their names by intimating in advance. Registration fees for conference participants are as follows:

Participants outside India :\$50
UG/PG student :Rs. 500/-
Research Scholars/
Academic delegates/
Industry delegates :Rs. 300/-

IMPORTANT DATES:

Submission of full Paper :23rd MAY, 2021
Camera ready paper in
Softcopy with registration fee :5th JUNE, 2021

All the payments must be made in the form of DD in favour of MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE-SEMINAR FUND, payable at Chennai

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MR. VIVEK KOPPARTHI, CEO, Neo lite, Phoenix, Arizona

ADDRESS FOR COMMUNICATION:
Organizing Secretary, ICARTEC - 2021
Department of E.C.E

Meenakshi Sundararajan Engineering College

363, Arcot Road, Kodambakkam,

Chennai 600 024, India

9444566391, 9486083133

icartec2021@gmail.com

www.icartec2021.com



DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA)

ABOUT THE CONFERENCE:

The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, and to grab and develop the opportunities ahead we need a wider perspective. This conference provides an opportunity for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of Electronics & Communication. This event is a forum to put forth various innovative research ideas of various domains in the Electronics and Communication field.

ABOUT THE INSTITUTION:

Meenakshi Sundararajan Engineering College (MSEC) is a part of the prestigious KRS Group of Institutions which also includes the renowned ILET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan. The college was established in July 2001 by the dedicated efforts of Dr.K.S.Lakshmi and Dr.K.S.Babai, the illustrious daughters of our founder Shri K.R.Sundararajan. The management strives constantly to be a Centre Of Excellence that imparts education to students, grooming their overall personality face the challenges of the industry and the nation at large.

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering was started in the year 2001 with the inception of the College. This twenty-year-old department shares the mission and vision of the Institute in imparting quality education to the students. The department has been efficacious in offering its students the opportunity to work on diverse platforms with eight well equipped laboratories with the latest hardware and software facilities sufficient to quench the thirst of budding engineers. Our alumni have brought laurels to the Institution by securing 35 university ranks so far. This conference on 7 May 2021, being the 2nd international Conference the department has also conducted an International Conference on VLSI and Communication Systems (ICVLSI COM-10) in 2010 and various technical seminars, guest lectures and industrial visits every year to further enhance the



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CALL FOR PAPERS:

Original contributions of on-going research & published research works/ surveys are expected. Authors are requested to submit a soft copy of full length research paper for presentation in the following format:

PAPER FORMAT:

IEEE double column, A4 four pages.
All papers have to be sent by mail.

FONT TYPE:

Times New Roman, Font size-10

PAPER TITLE:

Center and bold, Font size-14.

TOPICS OF INTEREST:

The topics of interest include, but are not limited to the following research areas:

- ☐ VLSI & Embedded Systems
- ☐ Signal & Image Processing
- ☐ Wireless communications & Networks
- ☐ Nanotechnology
- ☐ Network & Information Security
- ☐ Robotics
- ☐ Biomedical Instrumentation & Telemedicine
- ☐ Internet of Things(IoT)

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CHENNAI-600 024

NATIONAL CONFERENCE ON ADVANCEMENTS IN EMERGING TECHNOLOGIES NCAET (10TH APRIL 2021)

Honorable Keynote Speaker is Dr.N.Venkateswaran, Professor, Dept of ECE, SSN, Chennai.

He delivered an interesting speech on wireless technology beyond 5G. He has begun the session with Evolution and requirements of 5G .Terahertz (THz) transmission is a complementary wireless technology for communication networks, which allow high-speed wireless extension of the optical fibers for Beyond 5G. Further he discussed about the Intelligent Reflecting Surface (IRS) is a revolutionary technology which is able to improve the performance of wireless data transmission system.

Thus the session successfully ended with lots of useful information.

Participants are requested to register their names by intimating in advance. Registration fees for conference participants are as follows:

UG/PG student	:Rs. 200/-
Research Scholars/ Academic delegates	:Rs. 300/-
Industry delegates	:Rs. 400/-

IMPORTANT DATES:

Submission of full Paper	: 26 th MAR, 2021
Notification of acceptance	: 03 rd APR, 2021
Camera ready paper in Softcopy with registration fee	: 07 th APR, 2021

All the payments must be made in the form of DD in favour of MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE-SEMINAR FUND, payable at Chennai.

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The Department of Electronics and Communication Engineering was started in the year 2001 with the inception of the College. This **twenty-year-old department** shares the mission and vision of the Institute in imparting quality education to the students. The department has been efficacious in offering its students the opportunity to work on diverse platforms with eight well equipped laboratories with the latest hardware and software facilities sufficient to quench the thirst of budding engineers. Our alumni have brought laurels to the Institution by securing **46 university** ranks so far. This conference on **10th April 2021**, being the **8thNational Conference on Advancement in Emerging Technologies (NCAET)**, the department has also conducted an International Multi-Disciplinary Conference on Solar Energy (IMDCSE) in 2012 , a National Conference on Recent trends in Electronics and Communication Engineering (NRIECE), an International Conference on VLSI and Communication Systems (ICVLSI COM-10) , various technical seminars, guest lectures and industrial visits every year to further enhance the student's knowledge.

Meenakshi Sundararajan Engineering College (MSEC) is a part of the prestigious KRS Group of Institutions which also includes the renowned IET (Indian Institute of Engineering Technology) established in 1947 by our Founder-Late **Shri K.R.Sundararajan**. The college was established in July 2001 by the dedicated efforts of **Dr.K.S.Lakshmi** and **Dr.K.S.Babai**, the illustrious daughters of our founder **Shri K.R.Sundararajan**. The management strives constantly to be a Centre Of Excellence that imparts education to students, grooming their overall personality face the challenges of the industry and the nation at large.

The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, and to grab and develop the opportunities ahead we need a wider perspective. This conference provides an opportunity for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of **Electronics & Communication**. This event is a forum to put forth various innovative research ideas of various domains in the electronics and communication field.

Original contributions of on-going research & published research works/ surveys are expected. Authors are requested to submit a soft copy of full length research paper for presentation in the following format:

Paper format:

IEEE double column, A4 four pages.
All papers have to be sent by mail.

Font type:

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The topics of interest include, but are not limited to the following research areas:

- Signal & Image processing
- Wireless communication for future networks
- Machine Learning and AI
- Opto Electronics
- Biomedical Instrumentation & Telemedicine
- Fuzzy system & Neural networks
- Antenna & Microwave emerging Technology
- VLSI & Embedded systems
- Internet Of Things(IOT)
- Nanotechnology
- MEMS
- Robotics



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TOPIC: WORKSHOP ON OPEN SOURCE THROUGH GOOGLE SUMMER CODE

DATE: 05.09.2020.

K.Syam Sundar ,Software Engineer,Google Summer of Code mentor,Technical writer at cloud Native Computing Foundation through Google Season of Docs presided over the online session on 5th September 2020.

The webinar was conducted for the students and faculty of Department of Information Technology,Meenakshi Sundararajan Engineering college by K.Syam Sundar. The webinar is aimed to encourage students for involvement in Innovative projects and how to establish a startup and how to handle competitors from the same domain, and also suggested the ways to pursue innovation in their thinking. The participants got awareness about GSoc program.

CONTENT OF THE SESSSION:

Google organizes this every year from May to mid of August (nearly about three months of the program) where students work with the organizations and projects of their own choice. They contribute to a wide range of projects like Cloud, Graphics, Programming Languages, Operating Systems, Robotics, Science, Security, Medicine, and many more.

The Contributor/Student Guide has a section on "Writing a Proposal".

The best proposals are from participants who took the time to interact and discuss their ideas with the organization **before** submission. Be sure to include the following: detail on exactly what you're proposing, why you're proposing it, the reason you're qualified to do it, your development methodology, your expected timeline, etc. It should also include details of your academic, industry, and/or open source development experience

How it works and when to apply?

Students who are interested in taking part in GSoC, select the organization they are interested to work with and get in touch with them. A lot of open-source organizations apply to GSoC and once the shortlisting is done Google announces the name of these organizations. When the organizations are shortlisted, students submit their project proposals to the selected organization. These proposals and ideas are shortlisted by organizations and once it is done they start working together on a proposal and ideas.

Students then code for these organizations and get guidance from mentors and work on the project during the summer break meeting the deadlines agreed upon with their mentors. The participants were introduced to various terminologies like Cyber Bullying, hacking, fishing, cloning, data theft, digital frauds and grooming. The difference between ethical hacking and hacking was clarified to the audience and the consequences of Digital Personification were told. Several case studies were shared with the audience and they were further sensitized towards privacy and security of data. The resource person demonstrated live hacking and made them

aware about various ways like two-step verification, comment control, using a strong password, etc that they can adopt in order to avoid Cyber Crimes. He concluded the session by sharing some tips for internet banking and safe online transactions. The faculty members and students of the institute, who attended the workshop, were highly benefitted by the knowledge shared in this field. The event was highly appreciated by the participants.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
 343, Arcot Road, Kadambakkam, Chennai, Tamil Nadu-600024.
 (Approved by AICTE and Affiliated to Anna University)

DEPARTMENT OF INFORMATION TECHNOLOGY

**WORKSHOP ON
 CONTRIBUTING TO OPEN SOURCE THROUGH
 GOOGLE SUMMER OF CODE**

SYAM SUNDAR K
 -Software Engineer
 -Google Summer of Code Mentor
 -Mentor at Processing Foundation
 -Technical Writer at Cloud Native Computing Foundation through Google Season of Docs

Time : 11 AM to 12:30 PM
Date : 05 / 09 / 2020

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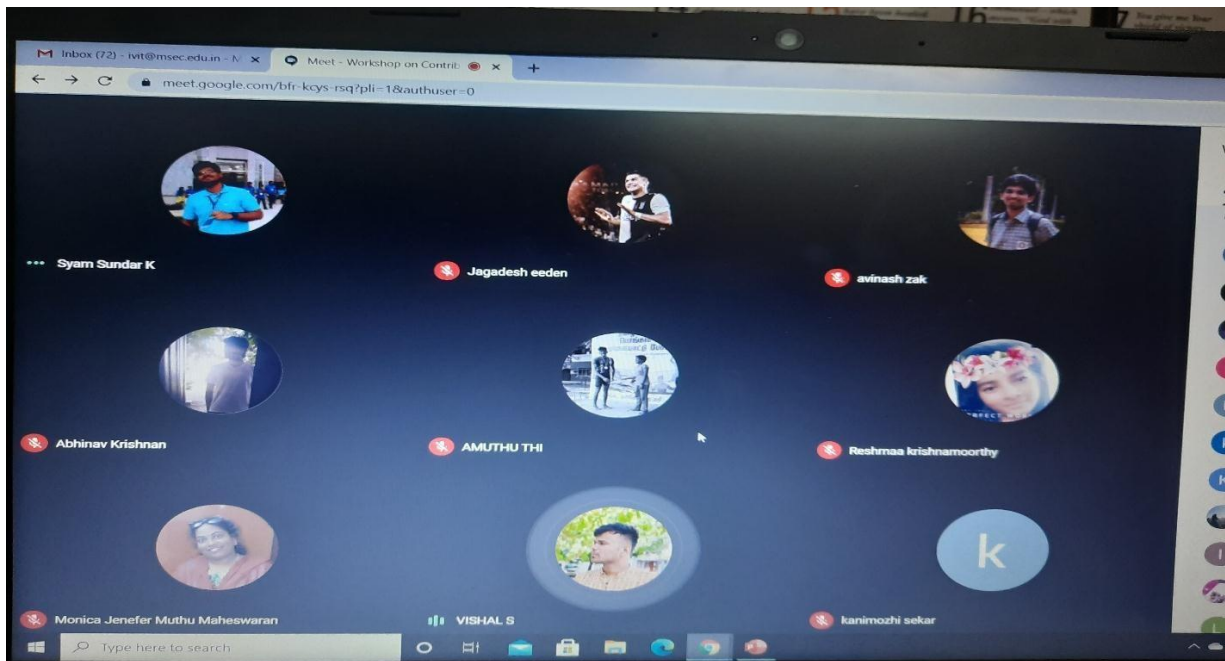
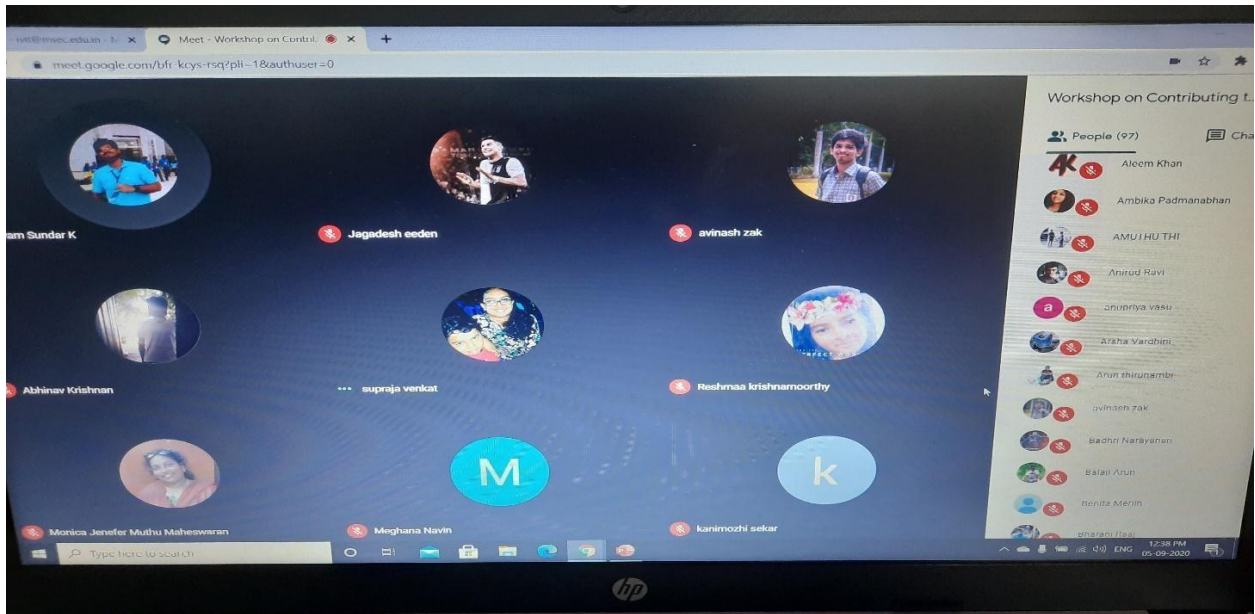
CO-CONVENOR
 Mrs N Mathangi
 Assistant Professor
 IT, MSEC

CO-ORDINATOR
 Mrs S Priskilla Manonmani
 Assistant Professor
 IT, MSEC

PHOTO SESSION

CLASS :III and IV IT DATE: 05-09-2020

TOPIC: Contributing to Open Source Through Google Summer of Code



TOPIC : WEBINAR ON CLOUD DATA ANALYTICS

DATE: 18.12.2020.

AGENDA

- Invocation
- Welcome Address– Mrs. R. Gayathri
- Introduction of Chief Guest - Mr. K.P. Sriram
- Address by Chief Guest - Mr.Karthick P M,
Analytics Consultant & Trianz,
National Institute of Technology,
Tiruchrappali-Trianz,
Chennai, Tamil Nadu
- Vote of Thanks - Dr. A. KANIMOZHI
Dept. of Information Technology,
Head of the Department
- National Anthem

DATE & TIME: Dec 18, 2020 09:00 AM India

Join Zoom Meeting

<https://us02web.zoom.us/j/82573245384?pwd=U3VBUDhWa1hYd0xEa0FPRFB4cWx2Zz09>

Meeting ID: 825 7324 5384

Passcode: niqr

NIQR and Department of Information Technology Webinar

Feedback Form. Date: 18.12.2020

<https://forms.gle/orVjFZC3pjK4qAwd6>

CLOUD DATA ANALYTICS:

Cloud analytics describes the application of analytic algorithms in the cloud against data in a private or public cloud to then deliver a result of interest. Cloud analytics involves deployment of scalable cloud computing with powerful analytic software to identify patterns in data and to extract new insights.

Data Analytics refers to the techniques used to analyze data to enhance productivity and business gain. Data is extracted from various sources and is cleaned and categorized to analyze various behavioral patterns. The techniques and the tools used vary according to the organization or individual.

WEBINAR POSTER:

 **MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**
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DEPARTMENT OF INFORMATION TECHNOLOGY



DEPARTMENT OF INFORMATION TECHNOLOGY Organizes WEBINAR ON

CLOUD DATA ANALYTICS



Speaker's Profile
Mr. Karthick PM is an Analytics Consultant with 10 years of experience in designing & delivering analytics solutions based on cloud with high quality collateral, marketing content, pitch document, samples & proposals.

 **18th December, 2020**  **09:00 AM - 11:00 AM**

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Co-Convenor
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Co-Ordinators
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E-Certificates will be provided to all the participants

 **18th December, 2020**  **09:00 AM - 11:00 AM**

FREE REGISTRATION

www.msec.edu.in

ATTENDANCE

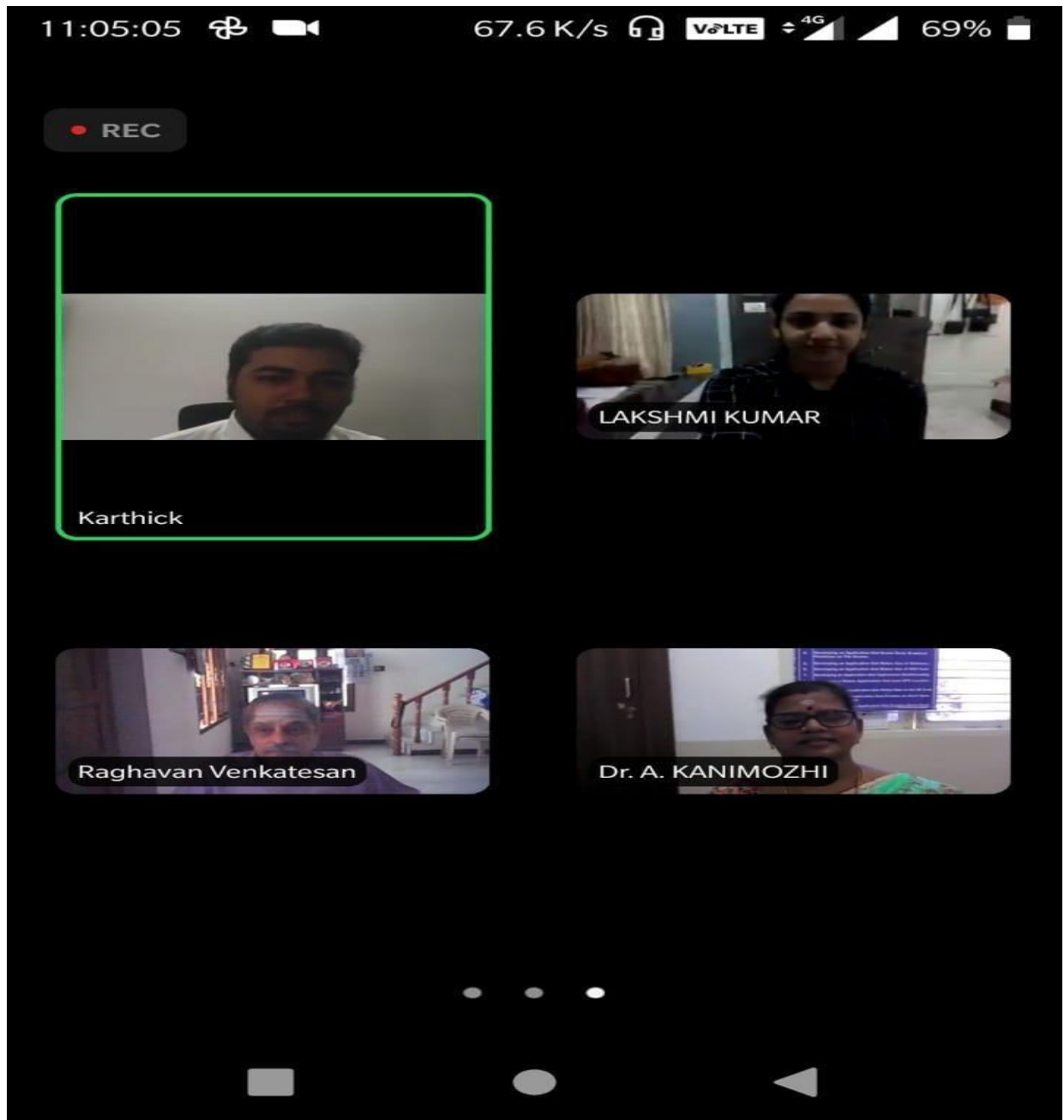
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12/19/2020 13:20:19	shivaskanarv18@gmail.c	14 / 15	311518105036	A class	JVM	Recursion	toString()	Class r
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12/19/2020 13:20:51	sv270181@gmail.com	13 / 15	311518105038	A class	JVM	Recursion	Stringtype()	Class r
12/19/2020 13:11:07	b.sruthi0209@gmail.com	13 / 15	311518105039	A class	JVM	Recursion	Stringtype()	Class r
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12/19/2020 13:12:28	tharun292000@gmail.co	9 / 15	311518105043	Inheritance	JDK	Recursion	String()	Class r
12/19/2020 13:12:38	rvbedre@gmail.com	14 / 15	311518105044	A class	JDK	Recursion	toString()	Class r
12/19/2020 13:19:54	vlinibak1212@gmail.co	13 / 15	311518105045	A class	JVM	Recursion	String()	Class r

oops-1

Timestamp	Email Address	Score	Reg no	Which language does no	We can not create instan	Which among the followi	Which of the following is	Which
12/19/2020 9:19:46	meantha1302@gmail.co	11 / 15	311518105001	Java	Anonymous class	Protected	continue	Object
12/19/2020 9:20:34	aruli0blizz@gmail.com	7 / 15	311518105002	Java	Abstract class	Protected	continue	Math
12/19/2020 9:19:41	arunsaro1232001@gmai	11 / 15	311518105003	Java	Abstract class	Private	exit()	Object
12/19/2020 9:13:13	avinashbalaaje03@gmai	15 / 15	311518105004	Java	Abstract class	Private	exit()	Object
12/19/2020 9:37:02	boobalan2801@gmail.co	12 / 15	311518105005	Java	Anonymous class	Private	break	Object
12/19/2020 9:22:08	chandru15600@gmail.co	4 / 15	311518105006	Kotlin	Abstract class	Private	return	Math
12/19/2020 9:14:30	ananddeepak910@gmai	15 / 15	311518105007	Java	Abstract class	Private	exit()	Object
12/19/2020 9:17:30	kabaddinesh2001@gma	14 / 15	311518105008	Java	Abstract class	Private	exit()	Object
12/19/2020 9:20:18	divsanp@gmail.com	13 / 15	311518105009	Java	Abstract class	Private	exit()	Object
12/19/2020 9:20:14	fredrickravichandran18@	15 / 15	311518105010	Java	Abstract class	Private	exit()	Object
12/19/2020 9:29:25	harisharanjayaraman29@	12 / 15	311518105011	Java	Parent class	Private	exit()	Object
12/19/2020 9:24:48	harismdian07@gmail.co	12 / 15	311518105012	Java	Abstract class	Private	exit()	Object
12/19/2020 9:20:22	harithaj28@gmail.com	14 / 15	311518105013	Java	Abstract class	Private	exit()	Object
12/19/2020 9:20:15	jayaraj1447@gmail.com	14 / 15	311518105014	Java	Abstract class	Private	exit()	Object
12/19/2020 9:24:31	karthickdhanasingh@gm	14 / 15	311518105015	Java	Abstract class	Private	exit()	Object
12/19/2020 9:15:53	karthikeyanvishnumohan	14 / 15	311518105016	Java	Abstract class	Private	exit()	Object
12/19/2020 9:25:11	kirithi0111@gmail.com	14 / 15	311518105017	Java	Abstract class	Private	exit()	Object
12/19/2020 9:23:13	srisharan9595@nmail.c	12 / 15	311518105018	Java	Abstract class	Private	break	Object

PHOTO SESSION :



**INTERNATIONAL CONFERENCE ON INNOVATION IN INFORMATION AND
COMMUNICATION TECHNOLOGY- (ICIICT-21)**

MESSAGE FROM CORRESPONDENT DESK



“Have the courage to follow your heart and intuition. They somehow know what you want to become”

These were the strong beliefs of Professor K.R. SUNDARARAJAN, the founder of the Indian Institute of Engineering Technology [IIT]. It is important that we understand the transformations taking place in Technology in today’s fast moving world and I appreciate the Department of Information Technology for choosing “ **INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY**” as their theme for the National Level Conference. I hope this National Level Conference will be an eye opener to everyone on the work put by all the students and it’s also important to mention the support and encouragement provided by the faculty members to make this event a great success.

Dr. K.S. LAKSHMI

MESSAGE FROM SECRETARY'S DESK



“The truest wisdom is a resolute determination”

Meenakshi Sundararajan engineering college has been a forerunner in recognising the needs of industry and integrating knowledge with professional inputs. Our college is one of the most eminent educational institutions today and it is renowned for the standards of its facilities, students and alumni, by maintaining a team of core faculty members, who are constantly pushing the frontiers of knowledge. In today's high technology environment, organisations are becoming more and more dependent on their information systems. The development of communication has led to contemplate over more ideas. The day to day innovations also serve as a huge enhancement in today's industry. To bring over more ideas in the “recent developments” the Department of Information Technology have chosen the theme

” INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY” for their National level conference. I wholeheartedly wish them a grand success in their ventures.

Dr. K.S. BABAI

MESSAGE FROM PRINCIPAL DESK



I feel extremely elated in writing this message for the National level conference organized by the department of Information technology, Meenakshi Sundararajan Engineering College, Chennai.

The theme chosen is **“INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY”**. With the above chosen theme, I wish it inspires the youthful minds to embrace the World of Technology. I am sure that this conference will be a step towards developing professional skills and keeping alongside the advances in technology. Here I place my appreciations towards the dedicated faculty and sincere students for their effort in organizing the event.

Dr. P.K. SURESH

MESSAGE FROM DEAN ACADEMIC'S DESK



“The only place where success comes before work is in the dictionary “

I feel extremely proud that the Department of Information Technology has contended in organizing the National Level Conference 2020. It is indeed essential that we fathom our ideas behind today's technological world. The theme **“INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY”** clearly emphasizes the current trends in the field of technology. I truly reckon that this National Level Conference would equip the participants with the modernizations in technology. I appreciate the efforts taken by the teaching faculty and students of the department for constant support in making this event a grand success. I wish the department success in all their future endeavors.

Dr.K. UMARANI

MESSAGE FROM HOD'S DESK



It's indeed an immense pleasure that the creative and dynamic students of the Department of Information Technology have taken all the efforts to conduct the National Level Conference which is scheduled on 14th March 2020. The theme that we have chosen is **“INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY** “and it clearly signifies the hold that technology has in our day to day lives. With this theme we wish to motivate the minds of people with innovative technologies. I also acclaim the efforts of students and the staffs of the IT Department for striving hard to make this event a magnum opus. I hope that this theme will serve as a guiding spirit for the forthcoming ventures by the students.

Dr. A. KANIMOZHI

POSTER:

CHIEF PATRON:	Dr.K.S.Lakshmi, Correspondent	TECHNICAL COMMITTEE		 <p>Meenakshi Sundararajan Engineering College [Managed by I.I.E.T.] Approved by AICTE & Affiliated to Anna University ACCREDITED INSTITUTION BY NBA</p>
PATRON:	Dr.K.S.Babai, Secretary	Dr.V.Mahalakshmi	Assistant Professor, Department of computer science, Jazan university, Kingdom of Saudi Arabia	
CHAIR PERSON:	Dr.P.K.Suresh, Principal Dr.K.Umarani, Dean Academic	Dr.A.Saahira banu	Assistant Professor, Coordinator of Research & Graduation Project Committee, Department of computer science, Mahalya campus for girls, Jazan university, Kingdom of Saudi Arabia	<p>INTERNATIONAL CONFERENCE ON INNOVATIONS IN INFORMATION AND COMMUNICATION TECHNOLOGY</p>  <p>INCICT 2021 10 April 2021 DEPARTMENT OF INFORMATION TECHNOLOGY</p> 
CONVENORS:	Dr.A.Kanimozhi, Associate Professor, Head of Department -IT	Dr.Betty Elezabeth Samuel	Assistant Professor, Department of computer science & information technology & security, Jazan university, Kingdom of Saudi Arabia	
CO-ORDINATORS:	Mrs.R.Gayathri, Assistant Professor Mr.K.P.Sriram, Assistant Professor	Dr.Ramjeevan Singh Thakur	Professor, Department of computer application, Maulana Azad National Institute of Technology, Bhopal	<p>VIRTUAL INTERNATIONAL CONFERENCE ON AI , IOT AND EMERGING TECHNOLOGIES</p> 
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		Dr.R.Kumar	Associate Professor,School of computing,VIT,Chennai	
		Dr. Robinson Joel	Associate Professor, PRIST University, Chennai	
		Selvaraj Shanmugara)	INFRA Lead, Wipro Ltd, Indonesia	
		J.Josephine shirley	Senior Software Lead Trimblw Software Solutions	
		Raguram Barathan	AG consultancy & Apps Ltd Senior SAP fiori & ABAP consultant	
		Mr.Vasanth Kumar	Technical member,Oracle, Bangalore.	
		Mr. Shyam Sundar,	Lead Security / Threat Researcher,CISCO, Bangalore	
		Mr. Anirudh Kumar	IT Analyst, TCS, Chennai	
				<p>CONVENERS Dr.A.Kanimozhi, Associate Professor, Head of Department -IT Ph:9841173162</p> <p>CO-ORDINATORS Mrs.R.Gayathri, Assistant Professor ph:9123595997 Mr.K.P.Sriram, Assistant Professor ph:9597284040</p>

Conference Agenda

9:30 am Login through the Zoom Meeting link
(<https://zoom.us/j/94424298241?pwd=TTVSZ2FaZkUrei81c1ZmMWRTYzRUUT09>)

9:45 to 10:00am Prayer song by **Lakshmi Kumar**

10 am to 10:15 am College Song by **Lakshmi Kumar**

10:15 am to 10:30 am Welcome speech by **Dr.A.Kanimozhi**, Head Of the Department

10:30 am to 11:00 am Keynote Speaker 1 - **Dr.A.Saahira Banu**, Assistant Professor, Jazau University, Saudi Arabia.

11:00 am to 11:30 am Keynote Speaker 2- **Mr.Raguram Barathan**, AG Consultancy and Apps Ltd., Senior SAP fiori and ABAP Consultant.

11:30 to 11:45 am Break

Panel 1:

1. **Nithin Murali**, SDE II, HOTSTAR
2. **Saravanabana Babu**, CTS, USA

11:45 to 3:00 pm **Panel 2:**

1. **Dr.K.Jayasakthivelmurugan**, M.E.,Ph.D., Associate Professor
2. **Dr.V.M.Sivagami**, Associate Professor, SVCE.

3:00 pm to 3:15 pm Feedback and Queries Session

3:15 pm to 3:30 pm Vote Of Thanks by **R.Gayathri**, Co-ordinator of INCIICT' 2021

3:30 pm onwards Certificate Distribution



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363, Arcot Road, Kodambakkam, Chennai – 24
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Website : www.msec.edu.in

Department of Mechanical Engineering

Meenakshi Sundararajan Engineering College
Approved by AICTE (Affiliated to Anna University)
Accredited by National Board of Accreditation for programs applied

Chief Patrons:
Dr. K.S Lakshmi, Correspondent
Dr. K.S Babai, Secretary
Mr. N. Sreekanth, Director
Patrons:
Dr. P.K. Suresh, Principal
Dr. K. Umarani, Dean Academics.

Convenor:
Mr. K. Balasubramanian, HOD, Mechanical
Mrs. Toral Anandkumar, Assistant Professor, Mechanical
Co-ordinators:
Mr. M. Vadivel, Assistant Professor, Mechanical
Mr. K. Sridhar, Assistant Professor, Mechanical

Resource Persons:

-  **Dr.E. Natarajan**, Professor and Dean, College of Engineering, Anna University
-  **Mr. R. Vasu**, Vice President, Brakes India
-  **Dr.P. Etraj**, Senior Section Engineer, ICF, Indian Railways
-  **Mrs.M.Malathi**, Senior Manager, R&D, IPR
-  **Dr.A.Velayudham**, Retd Addl Director, Manufacturing, CVRDE and Visiting Prof. Anna University

SEINDIA A FIVE DAY NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME

On "Testing of Materials for Engineering Applications"
22nd – 26th June, 2020



Organized By
DEPARTMENT OF MECHANICAL ENGINEERING

About the Institution
Prof. K.R. Sundararajan, one of the eminent educators of South India, established Indian Institute of Engineering Technology (IET) in the year 1947 when there were only a few Engineering colleges in the state and young aspirants could not find opportunities to become engineers. Prof. KRS guided them to fulfil their dreams to become full-fledged engineers through the ARIIT program. In his last years, Prof. KRS had a dream of starting a full blown Engineering college to give quality education in various branches of the engineering.

About the Department
The Department of Mechanical Engineering was started in 2011-12. The department's endeavor is to develop its students to be industry ready when they graduate. Students of mechanical engineering department gain industrial exposure and are prepared to face future challenges by carrying out their Final Year Projects work in various PSU/Private sectors as per their field of interest. The department has memorandum of understanding with various institutions, industries and research organization for collaborative research and development work.

Vision of the Department

- To develop creative mechanical engineers by providing quality education, research and ethical values.

Mission of the Department

- To provide conducive environment and facilities for academic activities and preparing students for diverse careers.
- To develop collaborative research with industries for excellence in research and consultancy practices.
- To provide education in advanced technologies according to the changing needs of the society.

SCHEDULE

Day 1: 22nd June, 2020
Topic: Mechanical Testing
Mrs. M. Malathi, Senior manager, R&D, IPR

Day 2: 23rd June, 2020
Topic: Testing of Renewable Resources
Dr. E. Natarajan, Professor and Dean, College of Engineering, Anna University.

Day 3: 24th June, 2020
Topic: Non Destructive Testing of Railway Rolling Stock Wheels and Axles
Dr. P. Etraj, Senior Section Engineer, ICF, Indian Railways


Day 4: 25th June, 2020
Topic: Material Characterization and Thermal Testing
Dr. A. Velayudham, Retd Addl Director, Manufacturing, CVRDE & Visiting Prof., Anna University.

Day 5: 26th June, 2020
Topic: Quality in Automotive Industry Six Sigma Perspective
Mr. R. Vasu, Vice President, Brakes India

Timing: 4.00 – 5.30 pm

For Registration click the Following Link
<https://www.msec.edu.in/department-of-mechanical-engineering>

Or



Scan this QR Code to Register

- This FDP is a program for Faculties, Professionals and Students to impart the fundamentals and application of material testing and quality control in manufacturing.
- There is no Registration Fee
- The Programme will be conducted through online
- Class duration: One and half hour per day
- Participants who register and complete the course successfully will be issued E-Certificate

Contact us

9840940383 - Mr. M. Vadivel, Assistant Professor, Mechanical
9962518109 - Mr. K. Sridhar, Assistant Professor, Mechanical

File

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CHENNAI - 600 024
KODAMBAKKAM

A Five Days FDP on Testing of Materials for Engineering Applications

Topic: Mechanical Testing

Inaugurated on 22nd June 2020

Chief Guest: Mrs.M.Malathi, Senior Manager, R&D, IPR

One of the key objectives of Mechanical Testing is to provide knowledge for students to improve Mechanical Testing. The session is held on 24th June 2020 and the chief guest for this event are : Mrs.M.Malathi. The entire session was energetic and our students learn a lot of knowledge about Mechanical Testing. Students are made to realise their focus on areas in Quality in Mechanical Testing

Link:

<https://drive.google.com/file/d/1h81oQ3pT2oglbOelyMBKghB6Kxb5rrJz/view?usp=sharing>



[Handwritten Signature]
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S. S. S.

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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

Topic: Testing of Renewable Resources

Inaugurated on 23rd June 2020

Chief Guest: Dr.E. Natarajan

Professor and Dean, College of Engineering, Anna University.

One of the key objectives of Testing of Renewable Resources is to provide knowledge for students to improve testing of renewable resources. The session is held on 22nd June 2020 and the chief guest for this event are Dr.E. Natarajan. The entire session was energetic and our students learn a lot of technical stuff. Students are made to realise their focus on areas in testing of renewable resources and its methods.

Link:

<https://drive.google.com/file/d/1h81oQ3pT2oglbOelyMBKghB6Kxb5rrJz/view?usp=sharing>

Testing of Renewable Energy Systems

Dr. E. Natarajan

Professor in Mechanical Engineering
Director, Institute for Energy Studies
Dean, College of Engineering, Guindy
Anna University, Chennai - 25

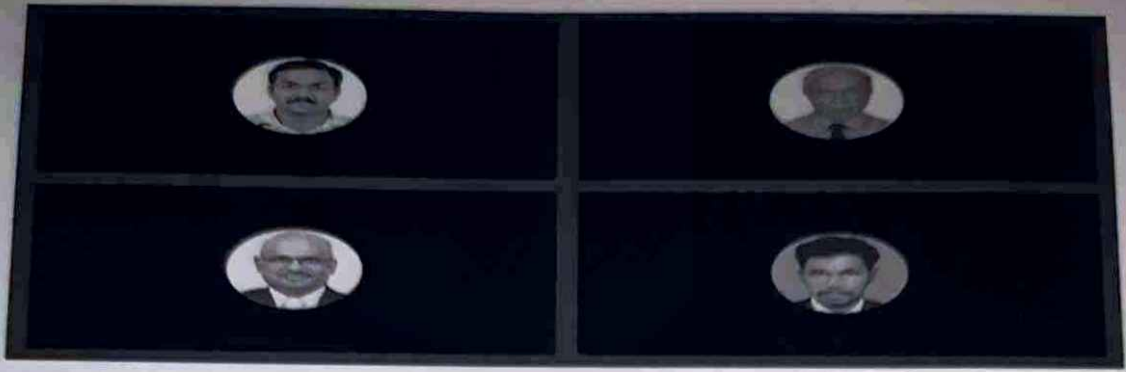


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S. S. Srinivasan

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CHENNAI-600 024

Topic: Non Destructive Testing of Railway Rolling Stock Wheels and Axles

Inaugurated on 24th June 2020

Chief Guest: Dr.P.Etraj, Senior Section Engineer, ICF, Indian Railways

One of the key objectives of Non Destructive Testing of Railway Rolling Stock Wheels and Axles is to provide knowledge for students to improve Non Destructive Testing of Railway Rolling Stock Wheels and Axles. The session is held on 24th June 2020 and the chief guest for this event are Dr.P. Etraj. The entire session was energetic and our students learn a lot of knowledge about Non Destructive Testing of Railway Rolling Stock Wheels and Axles. Students are made to realise their focus on areas in Quality in Non Destructive Testing of Railway Rolling Stock Wheels and Axles and types of NDT.


Link:

https://drive.google.com/file/d/1h81oQ3pT2oglbOelyMBK_gkB6Kxb5rrJz/view?usp=sharing



J. S. Sundararajan
PRINCIPAL

JEEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
305, ARCOT ROAD, KODAIKANAL
CHENNAI-605 005




FACULTY DEVELOPMENT PROGRAMME
on
"Testing of Materials for Engineering Applications"

Organized by:

DEPARTMENT OF MECHANICAL ENGINEERING
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE,
CHENNAI, TAMIL NADU

Dr. Etraj Perumalsamy M.E. M.B.A. M.A. Ph.D. npertraj@gmail.com



Testing of Materials for Engineering Applications

Why the Rolling Stock Wheels & Axles are tested by NDT?

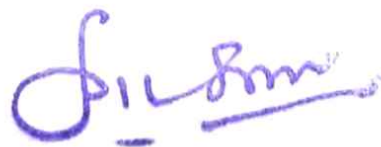
The First and foremost reason for adopting the NDT method for testing the Rolling Stock Wheels & Axles is, they need 100% testing.

If so, naturally the next question arises,

“Why the Rolling Stock Wheels & Axles need 100% testing?”

First, let us see some highlights of Indian Railways, finally you will get the answer.

Dr. Etraj Perumalsamy M.E. M.B.A. M.A. Ph.D. npertraj@gmail.com



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363, ARCOT ROAD, KODAMBAKKAM
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Topic: Material Characterization and Thermal Testing

Inaugurated on 25th June 2020

Chief Guest: Dr.A.Velayudham, Retd Addl Director, Manufacturing, CVRDE and Visiting Prof, Anna University

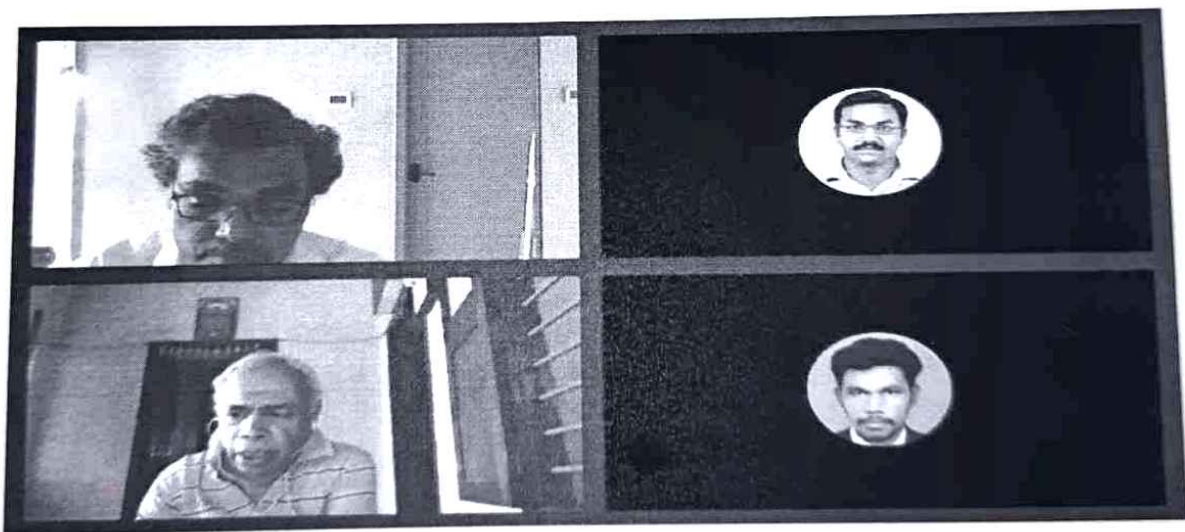
One of the key objectives of Quality in Material Characterization and Thermal Testing Perspective is to provide knowledge for students to improve Material Characterization and Thermal Testing. The session is held on 26th June 2020 and the chief guest for this event are Dr.A.Velayudham. The entire session was energetic and our students learn a lot of knowledge about Material Characterization and Thermal Testing. Students are made to realise their focus on areas in Quality in Material Characterization and Thermal Testing

Link:

<https://drive.google.com/file/d/1h81oQ3pT2oglbOclyMBKghB6Kxb5rrJz/view?usp=sharing>

Feedback link:

<https://docs.google.com/spreadsheets/d/1dHSXAhBVvucBBhp7672Dm8M8nJfacpn4NLLvykCmGA4/edit?usp=sharing>



Silva
PRINCIPAL
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CHENNAI-600 024

Topic: Quality in Automotive Industry Six Sigma Perspective
Inaugurated on 26th June 2020
Chief Guest: Mr. R. Vasu, Vice President, Brakes India.

One of the key objectives of Quality in Automotive Industry Six Sigma Perspective is to provide knowledge for students to improve Quality in Automotive Industry Six Sigma Perspective. The session is held on 23th June 2020 and the chief guest for this event are Mr. R. Vasu. The entire session was energetic and our students learn a lot of knowledge about Quality in Automotive Industry Six Sigma Perspective. Students are made to realise their focus on areas in how automotive industry implement sig sigma.

Link:

<https://drive.google.com/file/d/1h81oQ3pT2oglbOelyMBKghB6Kxb5rrJz/view?usp=sharing>



Quality Improvements in Automotive Industry – A Six Sigma Perspective

Presented by:
R. Vasu
Vice President
Brakes India of Centre of Technical Excellence
Six Sigma Master Black Belt
Brakes India Private Ltd.



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email Id: principal@msec.edu.in

Website : www.msec.edu.in

Department of Mechanical Engineering

International webinar

Topic: Science and Mechanical engineering application of super hydrophobic surfaces

Inaugurated on 23th July 2020

Chief Guest: Dr. Yu Kok Hwa, Lecturer, SCHOOL OF MECHANICAL ENGINEERING,
UNIVERSITI SAINS MALAYSIA (USM)

One of the key objectives of Science and Mechanical engineering application of super hydrophobic surfaces is to provide knowledge for students to improve Material Characterization and Thermal Testing. The session is held on 23th July 2020 and the chief guest for this event are Dr. Yu Kok Hwa. The entire session was energetic and our students learn a lot of knowledge about application of super hydrophobic surfaces. Students are made to realise their focus on areas in application of super hydrophobic surfaces.

Link: <https://drive.google.com/file/d/1CYvkOAzhG-gMNHZFTPqmlz36CJhnDjN/view?usp=sharing>

HoD 


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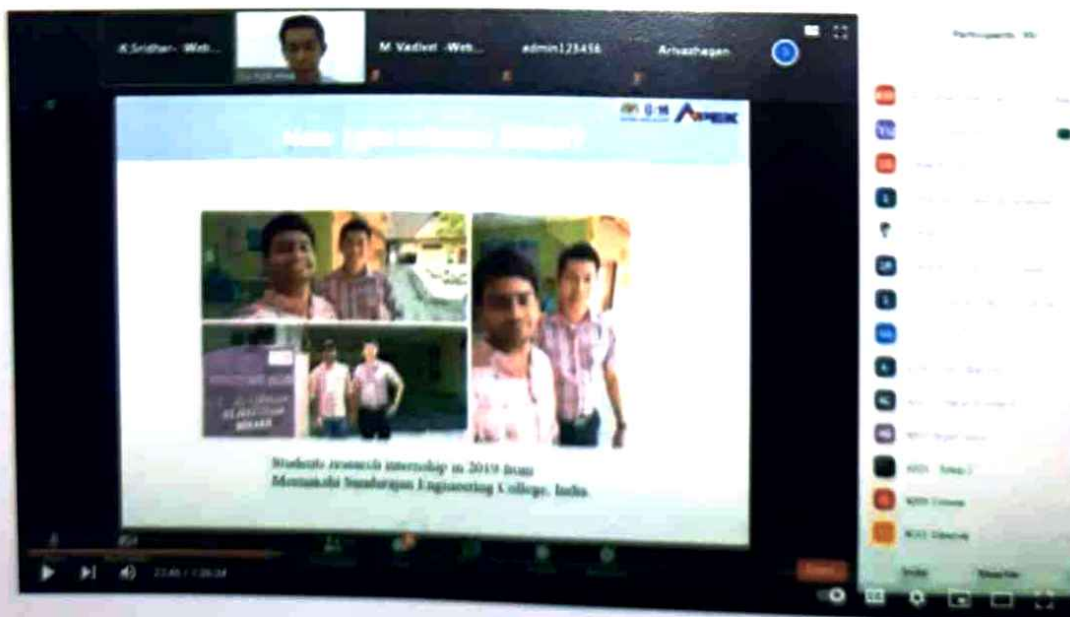
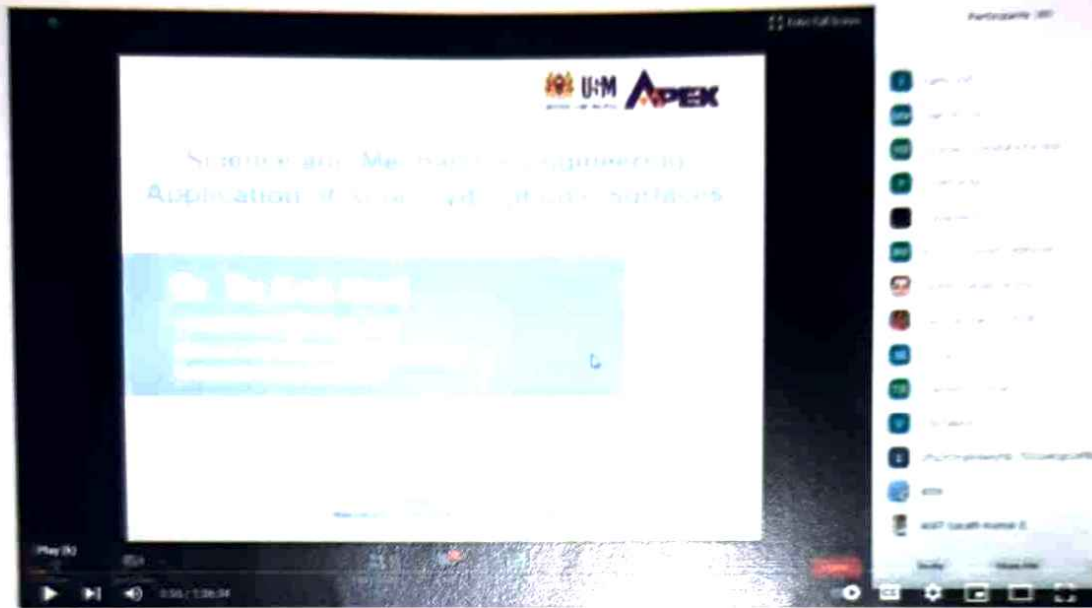
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Department of Mechanical Engineering



HoD

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Website : www.msec.edu.in

Department of Mechanical Engineering

iii) Entrance flows with Newtonian Fluids

The velocity profile is distributed equally across the section. Maximum velocity magnitude is centered at the mid-section.

Entrance length is calculated based on the distance required for the flow to reach 99% of the fully-developed value.

HOD

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email Id: principal@msec.edu.in

Website : www.msec.edu.in

Department of Mechanical Engineering

Webinar

Topic: Electrical Bus Development

Inaugurated: 11th November 2020

Chief Guest: Mr. Nandakumar Anantharaman, Independent Consultant on EV energy Management Solutions and Aggregates

One of the key objectives Electrical Bus Development is to provide knowledge for students to Electrical Bus Development through Innovation. The session is held on 11th November 2020 and the chief guest for this event Mr. Nandakumar Anantharaman. The entire session was energetic and our students learn a lot of knowledge about Electrical Bus Development. Students are made to realise their focus on areas in Electrical Bus Development

Link: <https://drive.google.com/file/d/1ypxByUxImwo-AS9DDludqnDezi86Zwgb/view?usp=sharing>

H&D

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Department of Mechanical Engineering

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#363 ARCOT ROAD KODAMBAKKAM CHENNAI-24



NIQR STUDENT CHAPTER CONDUCTS WEBINAR SERIES



ON

ELECTRIC BUS DEVELOPMENT

05-11-2020 Thursday 11.30-1.00PM

Shri.NANDAKUMAR ANANTHARAMAN

INDEPENDENT CONSULTANT

On EV Energy Management and Energy Aggregates



CHALLENGES IN THE MECHANICAL DESIGN OF SATELLITES

09-11-2020 MONDAY, 11.30 -1.00 PM

Shri Shankar Narayan

Former Head Division

UR RAO SATELLITE CENTRE



SECONDARY USAGE OF BATTERIES FROM EV

11-11-2020 WEDNESDAY 10.00-12.00PM

Shri.N.MUTHAIAH

DIVISIONAL MANAGER, CORPORATE STRATEGY AND PLANNING
ASHOK LEYLAND CHENNAI



CHIEF PATRON Dr. K. S. LAKSHMI	PATRON DR. K. S. BABAI	ADVISORY COMMITTEE DR. P. K. SURESH	CONVENOR Mrs. S. SOUNDARA BALA	COORDINATOR Mr. S. MANIKANDAN
CORRESPONDENT MSEC	SECRETARY Mr. N. SREEKANTH	PRINCIPAL DR. K. UMARANI	HOD EEE MSEC	ASSISTANT PROFESSOR NIQR COORDINATOR
	DIRECTOR MSEC	DEAN ACADEMICS MSEC		MSEC

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email Id: principal@msec.edu.in

Website : www.msec.edu.in

Department of Mechanical Engineering

Webinar

Topic: Challenges in the mechanical design of satellites

Inaugurated: 11th May 2021

Chief Guest: Mr. Shankar Narayan Former Head Division UR Rao Satellite Centre

One of the key objectives Challenges in the mechanical design of satellites is to provide knowledge for students to Challenges in the mechanical design of satellites. The session is held on 11th November 2020 and the chief guest for this event Mr. Shankar Narayan. The entire session was energetic and our students learn a lot of knowledge about Challenges in the mechanical design of satellites. Students are made to realise their focus on areas in Challenges in the mechanical design of satellites

Link: <https://drive.google.com/file/d/1ypxByUxImwo-AS9DDludqnDezi86Zwgb/view?usp=sharing>

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NIQR STUDENT CHAPTER CONDUCTS WEBINAR SERIES



ON



ELECTRIC BUS DEVELOPMENT

05-11-2020 Thursday, 11.30-1.00PM

Shri. NANDAKUMAR ANANTHARAMAN

INDEPENDENT CONSULTANT

On EV Energy Management Solutions & Aggregates



CHALLENGES IN MECHANICAL DESIGN OF SATELLITES

09-11-2020 MONDAY, 11.30 -1.00 PM

Shri Shankar Narayan

Former Head Division

UR RAO SATELLITE CENTRE



SECONDARY USAGE OF BATTERIES FROM EV

11-11-2020 WEDNESDAY 10.00-12.00PM

Shri. N. MUTHAIAH

DIVISIONAL MANAGER, CORPORATE STRATEGY AND PLANNING

ASHOK LEYLAND CHENNAI

CHIEF PATRON	PATRON	ADVISORY COMMITTEE	CONVENOR	COORDINATOR
Dr. J. S. LAKSHMI	DR. K. S. BABAI	DR. P. K. SURESH	Mrs. S. SOUNDARA BALA	Mr. S. MANIKANDAN
CORRESPONDENT	SECRETARY	PRINCIPAL	HOD EEE	ASSISTANT PROFESSOR
MSEC	Mr. N. SREEKANTH	DR. K. UMARANI	MSEC	NIQR COORDINATOR
	DIRECTOR	DEAN ACADEMICS		MSEC
	MSEC	MSEC		

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email Id: principal@msec.edu.in
Website : www.msec.edu.in
Department of Mechanical Engineering

Webinar

Topic: secondary Usage of batteries From EV

Inaugurated: 11th November 2020

Chief Guest: Mr. N Muthaiah , Divisional Manager, Corporate Strategy & Planning Ashok Leyland , Chennai

One of the key objectives secondary Usage of batteries From EV is to provide knowledge for students to secondary Usage of batteries From EV. The session is held on 11th November 2020 and the chief guest for this event Mr. N Muthaiah. The entire session was energetic and our students learn a lot of knowledge about secondary Usage of batteries From EV. Students are made to realise their focus on areas in secondary Usage of batteries From EV. Link:<https://drive.google.com/file/d/1vpxByUxImwoAS9DDludqnDezi86Zwgb/view?usp=sharing>

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NIQR STUDENT CHAPTER CONDUCTS WEBINAR SERIES



ON



ELECTRIC BUS DEVELOPMENT

05-11-2020 Thursday, 11.30-1.00PM

Shri. NANDAKUMAR ANANTHARAMAN

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CHALLENGES IN THE MECHANICAL DESIGN OF SATELLITES

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UR RAO SATELLITE CENTRE



SECONDARY USAGE OF BATTERIES FROM EV

11-11-2020 WEDNESDAY 10.00-12.00PM

Shri. N. MUTHAIAH

DIVISIONAL MANAGER, CORPORATE STRATEGY AND PLANNING

ASHOK LEYLAND CHENNAI

CHIEF PATRON

Dr. K.S. LAKSHMI

CORRESPONDENT

MSEC

PATRON

DR. K.S. BABAI

SECRETARY

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DR. P.K. SURESH

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CONVENOR

Mrs. S. SOUNDARA BALA

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COORDINATOR

Mr. S. MANIKANDAN

ASSISTANT PROFESSOR

NIQR COORDINATOR

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Department of Mechanical Engineering

Webinar

Topic: Turbocharged IC Engines & Market Expectations

Inaugurated: 24th December 2020

Chief Guest: Mr. Abraham D Manohar, Project Leader at Cummins Inc, Huddersfield, England, United Kingdom

One of the key objectives Turbocharged IC Engines & Market Expectations is to provide knowledge for students to Turbocharged IC Engines & Market Expectations. The session is held on 24th December 2020 and the chief guest for this event Mr. Abraham D Manohar. The entire session was energetic and our students learn a lot of knowledge Turbocharged IC Engines & Market Expectations. Students are made to realise their focus on areas in Turbocharged IC Engines & Market Expectations.

Link: <https://drive.google.com/file/d/1y7D4RINuXO7bhQthpmtCKoKxIRHp3hnu/view?usp=sharing>

Feed back link

<https://docs.google.com/spreadsheets/d/1ShbXUPkiBBegWzXv3ZIKFB3Vakr1TU6V3veyOJABGxU/edit?usp=sharing>

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SAE INDIA
Society of Automotive Engineers (SAE) India

NEP
National Engineering Accreditation Council

DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited by NBA)

INVITES YOU TO AN INTERNATIONAL WEBINAR ON
“TURBOCHARGED IC ENGINES & MARKET EXPECTATIONS”

Resource Person
Dr. K. Balasubramanian
HOD, Mechanical

24th December 2020
05.00 pm - 06.00 pm (IST)

Convenor
Dr. K. S. Babai, Secretary.
Dr. P. K. Suresh, Principle.
Dr. K. Umarani, Dean Academics

Co-Ordinator
Mr. M. Vadivel, Assistant Professor, Mechanical
Ph.no-9840940383

CLICK HERE TO REGISTER **CLICK HERE TO WATCH LIVE**

E-Certificate will be provided for all the participants

HOD

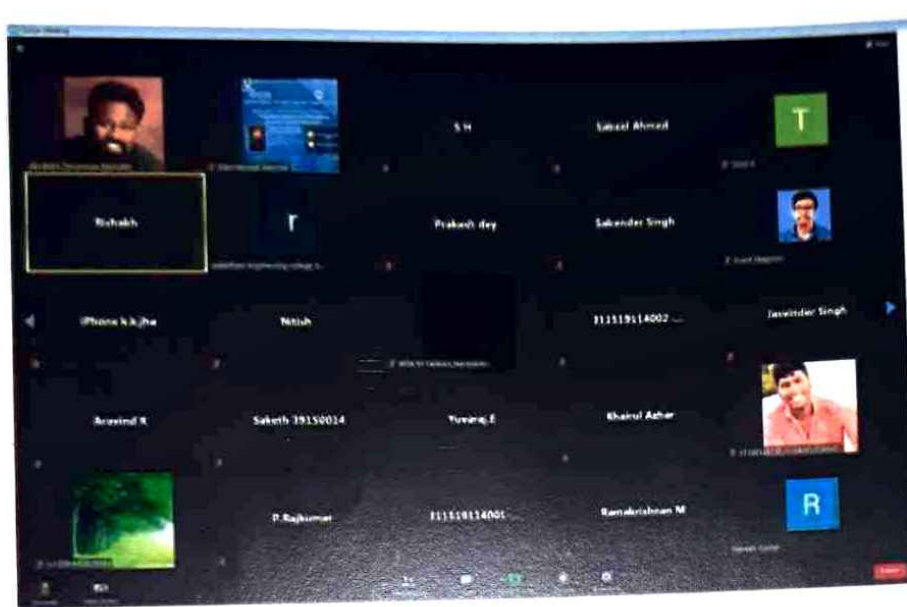
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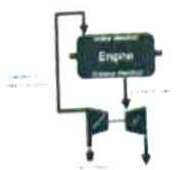

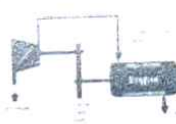
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How to Pressure Charge?

- There are several ways by which pressure charging can be achieved
- Supercharging
 - Using mechanic engine power to drive the compressor for pressure
- Turbocharging
 - Using waste exhaust gas for driving the compressor for pressure charging



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Department of Mechanical Engineering

IIC Webinar

Topic: Draw Your Own Rainbow

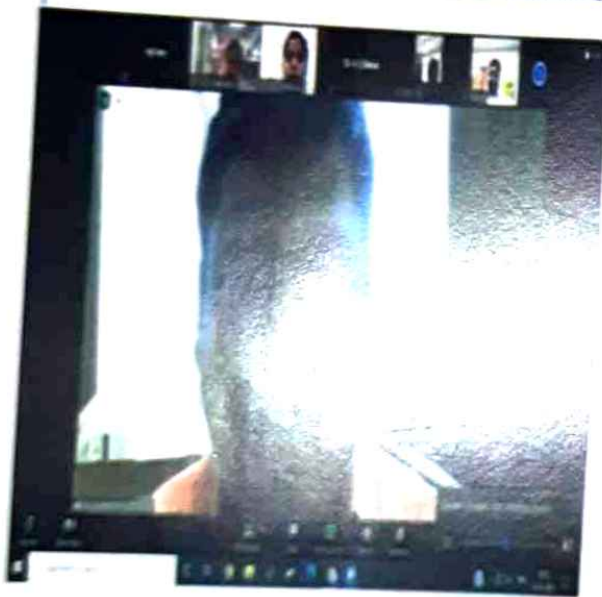
Inaugurated: 13th march 2021

Chief Guest: Mr. L Ramanathan, Sri Vinayaga Screens

One of the key objectives Draw Your Own Rainbow is to provide knowledge for students to Draw Your Own Rainbow. The session is held on 13th march 2021 and the chief guest for this event Mr. L Ramanathan. The entire session was energetic and our students learn a lot of knowledge Draw Your Own Rainbow. Students are made to realise their focus on areas in Draw Your Own Rainbow

Link: https://drive.google.com/file/d/1mao_pqtwOGAoeEa4piUA-FZ5MacFfnFO/view?usp=sharing

Feed back link <https://drive.google.com/file/d/1nKSK40jg2nn3nsXoglyK1iZWsl8yQXrP/view?usp=sharing>



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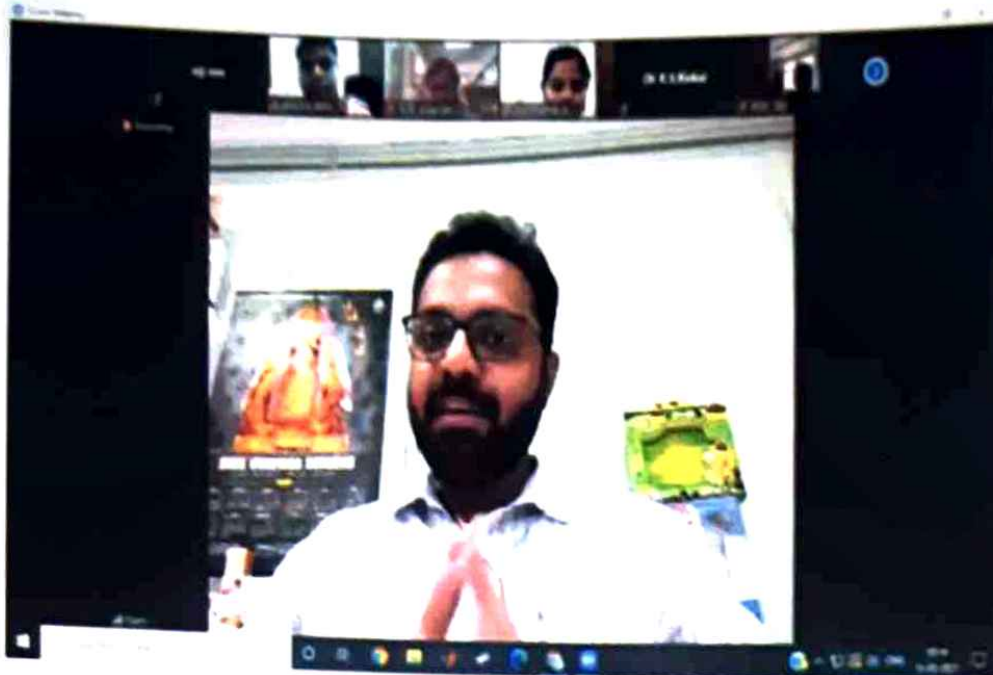
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Institution's Innovation Council



Organising

Webinar

Titled

"DRAW YOUR OWN RAINBOW"

(For all the students who are interested in drawing)

SPFAKER:

Mr L. Ramesh Kumar

Managing Director

Sri Vinayaga Screens

Madurai

Tamilnadu

DATE: 13-9-21

10.00am to 12.00 noon

Meeting ID: 865 2370 6523

Passcode: LxdJ7h

Dr. K. S. BABAI

SECRETARY

Mr. N. SREEKANTH

INC PRESIDENT

Dr. K. UMARANI

DEAN ACADEMICS

Dr. P. K. SURESH

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Website : www.msec.edu.in

Department of Mechanical Engineering

IIC Webinar

Topic: Legal and Ethical steps & experiences in an entrepreneurial Start-up

Inaugurated: 17th march 2021

Chief Guest: Mr. S V Suraj Sundara Shanker, M/s SVS Foods

One of the key objectives Legal and Ethical steps & experiences in an entrepreneurial Start-up is to provide knowledge for students to Legal and Ethical steps & experiences in an entrepreneurial Start-up. The session is held on 17th march 2021 and the chief guest for this event Mr. S V Suraj Sundara Shanker. The entire session was energetic and our students learn a lot of knowledge Legal and Ethical steps & experiences in an entrepreneurial Start-up. Students are made to realise their focus on areas in Legal and Ethical steps & experiences in an entrepreneurial Start-up

Link:

<https://drive.google.com/file/d/1AfmFx1XCX137zUSW4rWipQfcr1ajjpcq/view?usp=sharing>

Feed back link

<https://drive.google.com/file/d/1MNIImrJdu5PFhSZyKDZaCpoazLxbj0ZLc/view?usp=sharing>

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Speech started with initializing a start-up using less input and getting a beneficial output. SVS foods has been founded 87 years back. He highlighted a strong quote "Follow ethics and don't give up." They have followed a Unique selling proportion (USP) and that helped them to cross almost 4500 Retailers

He clearly stated that to become one of the successful businessmen below are the needed:

1. Simplicity
2. Family support
3. To have a peaceful mind

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4. Save some amount of salary
He concluded that Planning + Opportunity = Success Name: C.R.Aravind
Student of third year Mechanical

From DEPARTMENT OF INFORMATION TECHNOLOGY III
YEAR,

The webinar was very useful and knowledgeable and offered us many ideas MR.Suraj gave us plenty of knowledge in how to start from the bottom of any job and climb through the top like a ladder which was an example that made us understand better. We learnt the way of how entrepreneurs Work and take risks. He not only motivated us, he taught and guided us by speaking the reality about failures that we face in a business field with an attracting examples. After hearing this seminar we got some confidence to some extent which will be helpful for us in future. We really enjoyed the program.

“Self - belief and hard work will always earn you success” .

OUTCOME: Mr.Suraj gave us many ideas and start-ups which will be highly helpful for our future.

Name of the Student : Mukund

From DEPARTMENT OF CIVIL ENGINEERING III YEAR, The webinar was very useful. Mr.SURAJ was very knowledgeable and offered us valuable information and tips for the upcoming future aspirants. We really enjoyed the program. He told us the secret of success, for a successful businessman he should have a good plan and use his opportunity wisely. He referred hard work and passion is the key for success. We really got motivated in your ideas...SUCCESS IS NOT A DESTINATION, its A JOURNEY

OUTCOME: I learned several key pieces of information that will greatly improve my ability to publish new innovative ideas

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Institution's Innovation Council

Organising
Webinar
Titled
**"LEGAL AND ETHICAL STEPS AND EXPERIENCES IN AN
ENTREPRENEURIAL START-UP"**




17-3-21
10.00am to 12.00 noon
Meeting ID: 890 1072 6233
Passcode: 465710

S.V. SURESH

Dr. K.S. BALAN	Dr. N. STEELAKRISHNAN	Dr. J. UMARANI	Dr. P.K. SURESH
SECRETARY	DEAN (TECHNICAL)	DEAN (ACADEMICS)	PRINCIPAL


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Website : www.mscc.edu.in
Department of Mechanical Engineering

Virtual workshop

Topic: "Intellectual property rights and patent Level-1"

Inaugurated: 20th March 2021

Chief Guest: Mrs.J.Anne Mary
Research Scholar,

Mode: Online(Zoom Platform)

One of the key objectives: A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem. To get a patent, technical information about the invention must be disclosed to the public in a patent application is to provide knowledge for students to Intellectual property rights and patent Level-1. The session is held on 20th March 2021 and the chief guest for this event Mrs.J.Anne Mary. The entire session was energetic and our students gained a lot of knowledge about Intellectual property rights. Many good questions were asked and the session was interactive. Students are made to realise their focus on areas in Research skill and developed knowledge.

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Institution's Innovation Council
Organizing Virtual Workshop
On
"Intellectual Property Rights and Patent Level I"

SATURDAY 20TH MARCH 2021
02:00 pm - 4:00 pm

Speaker
Mrs. J. Anne Mary,
Research Scholar,
Faculty of Design Education,
Anna University, Chennai

Meeting ID: 86731875768
Password: 812350




Dr. K.S. Babai Secretary
Mr. V. S. Srinivasan TIC President
Dr. P. Suresh Principal
Dr. K. Umarani Dean Academics

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Department of Mechanical Engineering

Virtual workshop

Topic: "IPR AND PATENT PROCESSING"

Inaugurated: 23th March 2021

Chief Guest :Dr. V Gayatri, IIC Innovation Ambassador, Rajalakshmi Engineering College, Chennai

A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem. To get a patent, technical information about the invention must be disclosed to the public in a patent application. The objective of this workshop is to provide knowledge for students to IPR AND PATENT PROCESSING .The session is held on 23th march 2021 and the chief guest for this event Dr. V Gayatri. Our students gained a lot of knowledge about Intellectual property rights from this session. The Session was electric and interactive as many students got their doubts cleared by the chief guest. This session made the students to realize the importance of IPR and Patents.

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Institution's Innovation Council



Organising

Webinar

Titled

"IPR AND PATENT PROCESSING "



SPEAKER:

Dr. V Gayathri

Innovation Ambassador

Meenakshi Sundararajan Engineering College

Kodambakkam, Chennai

13-3-21

10.00am to 12.00 noon

Dr. K.S. BABAI
SECRETARY

Mr. N. SREEKANTH
IC PRESIDENT

Dr. K. UMARANI
DEAN ACADEMICS

Dr. P.K. SURESH
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Department of Mechanical Engineering

CAREER GUIDANCE PROGRAM

Topic: Set your Horizon- Career Guidance

Inaugurated on 2nd April 2021

Chief Guest: Mr. Murugan Appasamy,
Quality Assurance Test Engineer, R&D,
Mercedes Benz,
California, USA

The main aim of career guidance program on Set your Horizon is to create awareness among the students about the placement and higher studies opportunities in other countries. The session is held on 2nd April 2021 and the chief guest for this event is Mr. Murugan Appasamy. The entire session was interactive and our students got ideas about various universities in foreign countries for their master's degree. They also learnt about the employment opportunities in abroad.

..\Downloads\SET YOUR HORIZON

PROFESSIONAL EXPERIENCE

OEM + Auto Tops Inc., USA ➤ Manufacturing Engineer	Parker Aerospace, USA ➤ System Test Engineer
Altair Engineering, USA ➤ Finite Element Analysis Engineer	Mercedes Benz Research & Development North America, USA ➤ Quality Assurance Test Engineer
Safran Aerospace, USA ➤ Product & Test Engineer	

The screenshot also shows two video call windows on the right side of the slide, with participants visible.

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(Accredited by National Board of Accreditation)

organizes

International webinar on

SET YOUR HORIZON

Career Guidance

Resource Person

2nd April, 2021

8.30 am - 10.30 am (IST)

8.00 pm - 10.00 pm (PDT)



Mr. Marugan Appasamy
Quality Assurance Test
Engineer, Mercedes Benz
Research & Development,
California USA

Convener

Dr.K.S. Babai,
Secretary

Dr.P.K. Suresh,
Principal

Dr.K. Umarani,
Dean Academics

Co-Convener

Dr.K. Balasubramanian,
HOD, Mechanical

Mr.M. Vadivel,
Assistant Professor,
Mechanical

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Principal

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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai – 24

Approved by AICTE & Affiliated to Anna University

email Id: principal@msec.edu.in

Website : www.msec.edu.in

Department of Mechanical Engineering

International Conference

Topic: International Conference on Advanced Scientific Developments to Sustain Global Challenges (ASDSGC'21)

Inaugurated on 10th April 2021

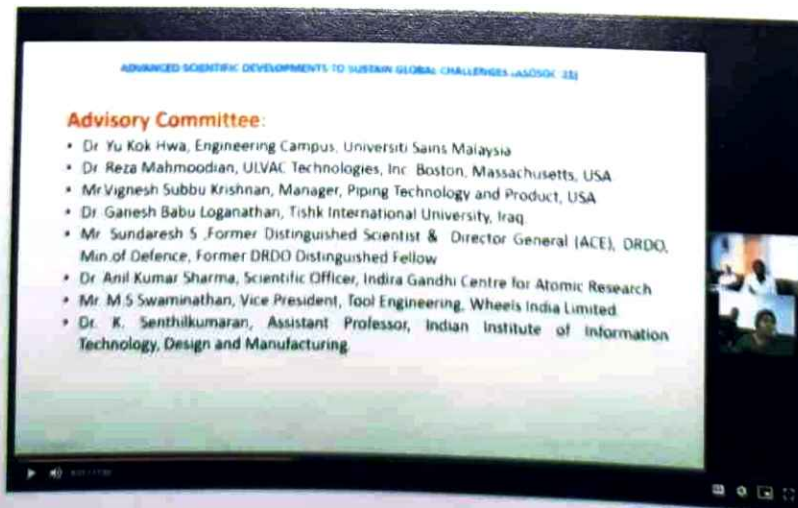
Chief Guest: Dr. Yu Kok Hwa, Lecturer, Engineering Campus, Department of Mechanical, University Sains Malaysia.

Dr. Reza Mahmoodian, ULVAC Technologies, Inc. Boston, Massachusetts, USA.

Dr. Ganesh Babu Loganathan, Assistant Professor, Mechatronics Engineering, Tishk International University, Iraq.

Dr. S.Balasivanandha Prabu, CEG campus, Anna University, India.

In the present competitive engineering world to meet the challenges imposed in the global scenario in the mechanical engineering field, creation of innovations are needed for societal benefits. The young budding engineers have to wake up and contribute their ideas for supporting the above necessities. The purpose of this workshop is to give ideas to such aspiring engineers and emulate them to achieve stupendous feats in the mechanical engineering field.



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Department of Mechanical Engineering

ABOUT THE INSTITUTION

Meenakshi Sundararajan Engineering College (MSEC) was established by the IET Society in 2001. This institution is a part of the prestigious IES Group of Institutions which also includes the renowned IET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan, the well-known Meenakshi College for Women and the more recently established Meenakshi Sundararajan School of Management. The institutions on the IES Campus are known for the quality education they impart and their stringent levels of discipline. We have consistently outshone all our peers, not only in academics, but in co-curricular activities as well.

Since inception MSEC has shown consistent performance in academics and extra-curricular spheres. The management strives constantly to develop this institution into a "CENTRE OF EXCELLENCE" imparting Engineering education to young men and women, grooming their overall personality with the highest emphasis on ethical values and honing them to face the challenges of the industry and the nation at large.

REGISTRATION
For encouraging young researchers and students of young aspiring minds registration fee is free. Authors are requested to send their papers in IEEE format to iasdgc.2021@gmail.com

REGISTER HERE

IMPORTANT DATES
Full Paper Submission: 21st March, 2021
Intimation of Acceptance: 23rd March, 2021
Last Date for Registration: 27th March, 2021
Conference Date: 10th April, 2021

ADDRESS OF CORRESPONDENCE
Mr. M. Vadivel, Assistant Professor,
Department of Mechanical Engineering, MSEC,
Ph: 9840940383

STUDENT COORDINATORS
Mr. M. Rohit Kumar & Mr. S. Soora
M.Sc. Department of Mechanical Engineering, MSEC
Mobile: 979622293, 9842556153
Mr. M. Karthikeyan
3 year Department of Mechanical, MSEC
Mobile: 967795941

INTERNATIONAL CONFERENCE ON ADVANCED SCIENTIFIC DEVELOPMENTS TO SUSTAIN GLOBAL CHALLENGES
ASDGGC'21
10th APRIL, 2021

Organized by
DEPARTMENT OF MECHANICAL ENGINEERING
Meenakshi Sundararajan Engineering College

www.asdgc2021.com

ABOUT THE DEPARTMENT

Meenakshi Sundararajan Engineering College inaugurated the Department of Mechanical Engineering in the academic year 2011. It is affiliated to Anna University. Under the erudite leadership of Dr. S. Basavarajannaiah, head of the department along with the efficient faculty members and excellent students, the department has won laurels to the college. The department has well qualified faculty with excellent teaching, training and industrial experience. It has state-of-the-art laboratories catering to academic, consultancy and research requirements. The department's endeavor is to develop its students to be industry ready when they graduate.

PREAMBLE OF CONFERENCE

In the present competitive engineering world to meet the challenges imposed in the global scenario in the mechanical engineering field, creation of innovations are needed for societal benefits. The young budding engineers have to wake up and contribute their ideas for supporting the above necessities. This needs steady progress to every corner of the technology requires strong support in the form of conducting conference globally to achieve converging views in the arena of research to present their work and share their ideas. Innovations on various aspects of mechanical engineering.

VISION OF THE DEPARTMENT
To develop creative mechanical engineers by providing quality education, research and ethical values.

MISSION OF THE DEPARTMENT
To provide conducive environment and facilities for projects activities and preparing students for diverse careers.
To develop collaborative research with industries for excellence in research and consultancy practices.
To provide education in advanced technologies according to the changing needs of the society.

COMMITTEE

PRELIMINARY
Dr. P.R. Suresh, Principal, MSEC
Dr. K. Umamaheswari, Academic, MSEC
Dr. S. Balasubramanian, Head of Department, Mechanical, MSEC

CONFERENCE
Dr. K. Umamaheswari, Mechanical, MSEC
Dr. S. Balasubramanian, Mechanical, MSEC

STEERING COMMITTEE
Dr. Yu. Koo-Ho, Engineering Campus, Universiti Sains Malaysia
Dr. Reza Mahmoodian, ULVAC Technologies, Inc. Boston, Massachusetts, USA
Mr. Vignesh Subu Arishan, Manager, Piping Technology and Products, USA
Dr. Ganesh Babu Loganathan, Tishk International University, Iraq
Mr. Sundaresh J. Former Distinguished Scientist & Director General/ACE, DRDO, Min. of Defence, Former DRDO Distinguished Fellow
Dr. Anil Kumar Sharma, Scientific Officer, India Space Centre for Atomic Research
Mr. M.S. Swaminathan, Vice President, Tool Engineering, Mahesh India Limited
Dr. K. Senthil Kumar, Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing

TECHNICAL SUBCOMMITTEE
Dr. S. Basavarajannaiah, College of Engineering, Anna University
Mr. Nitin Varun Anand, Faculty of Mechanical Engineering, Worcester Polytechnic Institute, Massachusetts, USA
Mr. M. Chelvanathan, Energy Engineer, Cadex Fabs, Dallas, USA
Dr. S. Karanarth Subbu, Assistant Professor, IT Palakkad, Kerala
Dr. Dan Sathish, Assistant Professor, Mechanical Engineering, IT Madurai
Mr. Vithanath Narasimha, VP-Training, Kumar Institute, Chennai
Dr. N.R. Govindarajan, Director, India Petrol Refinery
Mr. A. Venu, Retd. Vice President, Graces India
Dr. A. Shanthi, Professor, Rajalakshmi Engineering College
Mr. T. Karthikeyan, Asst. Professor Mechanical, Sreevidya Engineering College
Mr. Shivan Shanmugasundar, Oil Data Analyst, Section-Drillers, USA
Prof. M.A. Subashini, Mechanical, MSEC

MEMBER CHAIRPERSONS
Dr. Ganesh Babu Loganathan, Asst.Prof, Tishk International University, Iraq
Dr. A. Karthick, Asst.Prof, RAM College of Engineering and Technology
Dr. M. Parthasarathy, Associate Professor, Vellore

KEYNOTE SPEAKERS
Dr. Yu. Koo-Ho, Engineering Campus, Department of Mechanical University Sains Malaysia
Dr. Reza Mahmoodian, ULVAC Technologies, Inc. Boston, Massachusetts, USA
Dr. Ganesh Babu Loganathan, Assistant Professor, Mechatronics Engineering, Tishk International University, Iraq
Dr. S. Balasubramanian, Prabu, CEO campus, Anna University, India

L.D. CHAIRPERSONS
Dr. S. Senthilakrishnan, Associate Professor, MSEC
Mr. A. Tharunath Anand Araven, Assistant Professor, Mechanical, MSEC
Mr. K. Iyyer, Assistant Professor, Mechanical, MSEC
Mr. K. Sridhar, Assistant Professor, Mechanical, MSEC

L.D. COORDINATORS
Dr. S. Senthilakrishnan, Assistant Professor, Mechanical, MSEC
Mr. S. Senthilakrishnan, Assistant Professor, Mechanical, MSEC
Mr. S. Senthilakrishnan, Assistant Professor, Mechanical, MSEC
Mr. S. Senthilakrishnan, Assistant Professor, Mechanical, MSEC

DEPARTMENT OF MECHANICAL ENGINEERING
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www.asdgc2021.com

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Principal

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Department of Mechanical Engineering

Webinar

Topic: Engineer's for a Self-Reliant India

Inaugurated: 15th September 2021

Chief Guest: Mr. K Udayakumar Vice President – Marketing Precisions Equipment's (Chennai) Pvt. Ltd.

One of the most important aspects aiding in development of our nation is engineers. The role of engineers of the development of our nation is very important. Mr Udayakumar had discussed about the importance of an engineer's contribution for the self-reliance of our nation .the session was interactive and the students who participated got their doubts clarified by him .

Link;https://drive.google.com/drive/folders/1twMOcf98XN9XM18Ydl67y479Hc_7hGU?usp=sharing

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Managed by I.I.E.T Society)

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Accredited by National Board of Accreditation (NBA) for programs applied



Department Of Mechanical Engineering



cordially invites you to the

Webinar

ON

Engineer's for a Self-Reliant India

on

Engineer's Day

Mr. K Udayakumar

Vice President - Marketing

Precisions Equipment's (Chennai) Pvt. Ltd.

Will be the resource person

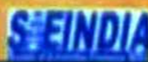
Dr. P K Suresh

Principal, MSEC

Felicitates

Dr. K Balasubramanian

In-charge of the Department, Mechanical



HOD

Principal

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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF EEE

FEEDBACK ANALYSIS ON FACULTY ENHANCEMENT WEBINAR SERIES -1



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
KODAMBAKKAM CHENNAI 24

**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**
FACULTY ENHANCEMENT WEBINAR (FEW) - Series 1
"Online Knowledge Sharing on the Technologies for Effective use of Modern Power Systems"

3 Days Webinar : 11/06/2020 to 13/06/2020



Date : 11 - 06 - 2020

Timing : 11 am to 12 Noon

Topic: An overview of Microgrids and Energy Storage Systems.
Resource Person : Mr. Krishnakumar R. Vasudevan
Research Engineer,
University Tenaga Nasional, Malaysia.



Date : 12 - 06 - 2020

Timing : 11 am to 11:30 am

Topic: Type Testing of Disconnecting Switches.
Resource Person : Mr. Vijayaraghavan
Chief Manager, S&S Power Switchgear equipment limited.
Chennai, India.



Date : 12 - 06 - 2020

Timing : 11:30 am to 12 Noon

Topic: Advancements in Digital Substations.
Resource Person : Ms. Sindhuja Vijayaraghavan, Arizona state University.
Lead engineer - Energy Automation Services, Croonwolter&dros.
Netherlands.



Date : 13 - 06 - 2020

Timing : 11 am to 12 Noon

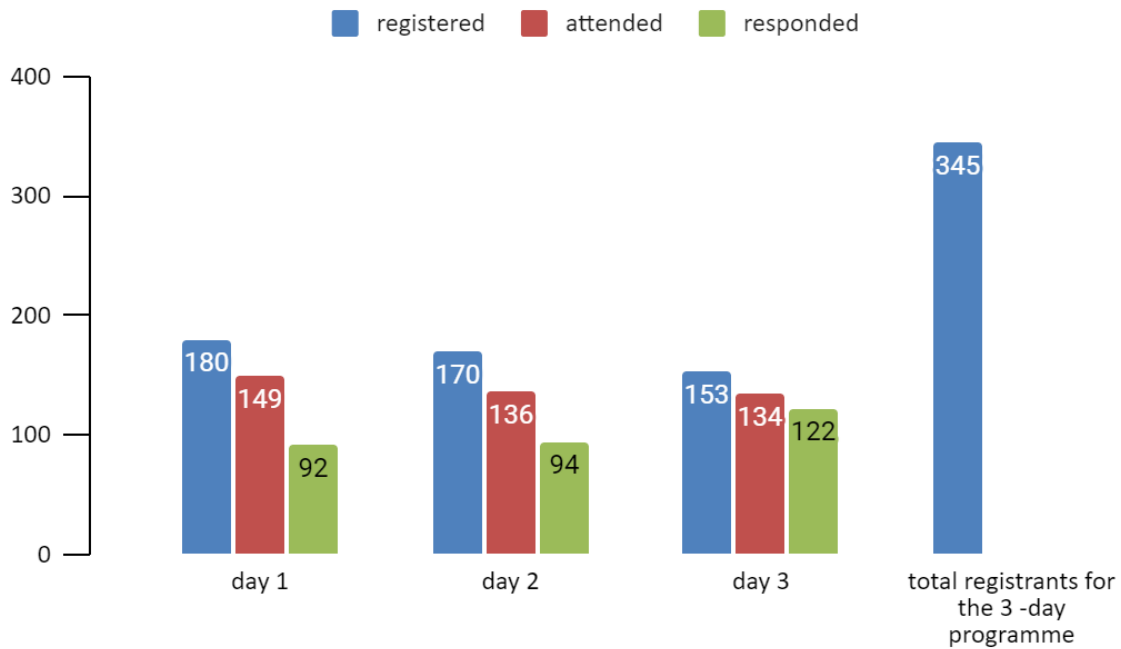
Topic: Designing Field Oriented Control of PMSM on FPGAs
Resource Person : Mr. Ashwin Murali, BITS Hyderabad.
Senior Software Engineer. Mathworks India Pvt. Ltd.
India.

Convenor : Dr.K. S. Babai, Secretary, MSEC
Co-Convenors : Dr.P. K. Suresh, Principal, MSEC
Mrs. S. Soundarabala, HOD-EEE, MSEC
Coordinators : Mrs. Gayatri G
Mr. Manikandan S
Mr. Bhasker K
Mr. S B Sivasubramanian

E-Certificate will be provided to all the Participants
Assessment will be held at the end of the Sessions

FEEDBACK ANALYSIS ON FACULTY ENHANCEMENT WEBINAR SERIES(FEW)-1						
	Day 1 (92 responses)		Day 2 (94 responses)		Day 3 (122 responses)	
	Feedback on the Speaker	webinar feedback	Feedback on the Speaker	webinar feedback	Feedback on the Speaker	webinar feedback
Good	7	6	4	4	4	6
Very Good	27	30	31	33	29	26
Excellent	59	55	59	57	93	94

Webinar Statistics



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE, CHENNAI-24
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ONE DAY TECHNICAL SEMINAR

ONE DAY TECHNICAL SEMINAR (2016-2017)

Sl.no.	Date	Seminar topics	Resource person
1	30/01/2017	Industry 4.0	Mr. C.V. GOWRI SANKAR (NIQR)
			Mr. Pandurangan (NIQR)
			Dr.V.M.Gunasekaran. (NIQR)

ONE DAY TECHNICAL SEMINAR (2017-2018)

Sl.no.	Date	Seminar topics	Resource person
1	19/01/2018	Cloud Technology & Architecture, Machine Learning And Artificial Intelligence	Mr.M.Karthick NIIT Limited, Chennai
		Internet Of Things	Mr.Kalyana Sundaresun Innovative Engineering Solutions, Chennai
		Nano Technology	Dr.C.GopalaKrishnan SRM University, Kattankulathur, chennai

ONE DAY TECHNICAL SEMINAR (2018-2019)

Sl.n o.	Date	Seminar topics	Resource person
1	18/01/2019	OPERATION AND DESIGN OF THERMAL POWER PLANT	Er. K VIGNESWARAN SENIOR ENGINEER POWER PROJECTS
		SELF HEALING IN POWER SYSTEM	Dr. J.BALAMURUGAN ASSISTANT EXECUTIVE ENGINEER, TAMIL NADU ELECTRICITY BOARD, CHENNAI.

ONE DAY TECHNICAL SEMINAR (2019-2020)

Sl.no.	Date	Seminar topics	Resource person
1	25.01.2020	Machine Learning	Mr. Vijaya Prakash CEO Simple Labs
		Machine Learning in Electric Vehicle	Mr. S. Gowtham ASSISTANT PROFESSOR KCG, CHENNAI
		Design of Electric Bikes	Mr. Harish Dola Director-Training, Dola Electreon

ONE DAY TECHNICAL SEMINAR (2020-2021) (Online Webinar)

Sl.no.	Date	Seminar topics	Resource person
1	11.06.2020 to 13.06.2020	An over view of Micro-grids and Energy and Storage Systems	Mr. R. Krishnakumar Research Engineer, University of Tenaga Nasional, Malasiya
		Type testing of Disconnecting Switches	Mr. Vijayaragavan Chief Manager S&S Power switchgear Equipment Ltd., Chennai
		Advancement in Digital Substations	Ms. V.Sindhuja Arizona State University Lead Engineer Energy Automation Solutions Netharland.
		Designing Field Oriented Control of PMSM on FPGAs	Mr. Ashwin Murali BITS, Hyderabad



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
KODAMBAKKAM CHENNAI 24

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ENHANCEMENT WEBINAR (FEW) - Series 1

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Topic: Designing Field Oriented Control of PMSM on FPGAs

Resource Person : Mr. Ashwin Murali, BITS Hyderabad.

Senior Software Engineer. Mathworks India Pvt. Ltd.

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Assessment will be held at the end of the Sessions

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF EEE

FACULTY ENHANCEMENT WEBINAR SERIES

11.06.2020 TO 13.06.2020

DEAR PARTICIPANTS,

Step-1: Please register yourself to enter the webinar session by clicking the link below by filling all the required details.

<https://event.webinarjam.com/register/18/lp99zf2>

Step-2: Look for the confirmation mail in your inbox

Step-3: You will be sent a reminder mail 15 minutes before the scheduled time on Day-1 of the Webinar series.

Step-4: Join the webinar live room by clicking the link in your confirmation at least 10 minutes before the scheduled time of the session.

FOR INSTANT UPDATES PLEASE JOIN TELEGRAM INORDER TO AVOID TECHNICAL LAG

<https://t.me/joinchat/Sbtbahrge7Zdv7B4SdVuAw>

Thanks and regards

EEE department

Meenakshi Sundararajan Engineering college

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF EEE

FACULTY ENHANCEMENT WEBINAR SERIES

11.06.2020 TO 13.06.2020

Day 1 : https://youtu.be/_lf1RVVvOCw

Day 2 : <https://youtu.be/vCjYUvrMuQI>

Day 3 : <https://youtu.be/95pec0uBRMY>

Feedback and cert link: <https://forms.gle/pyZKvxUFUx6oNWRx9>

FEEDBACK ANALYSIS ON FACULTY ENHANCEMENT WEBINAR SERIES -1

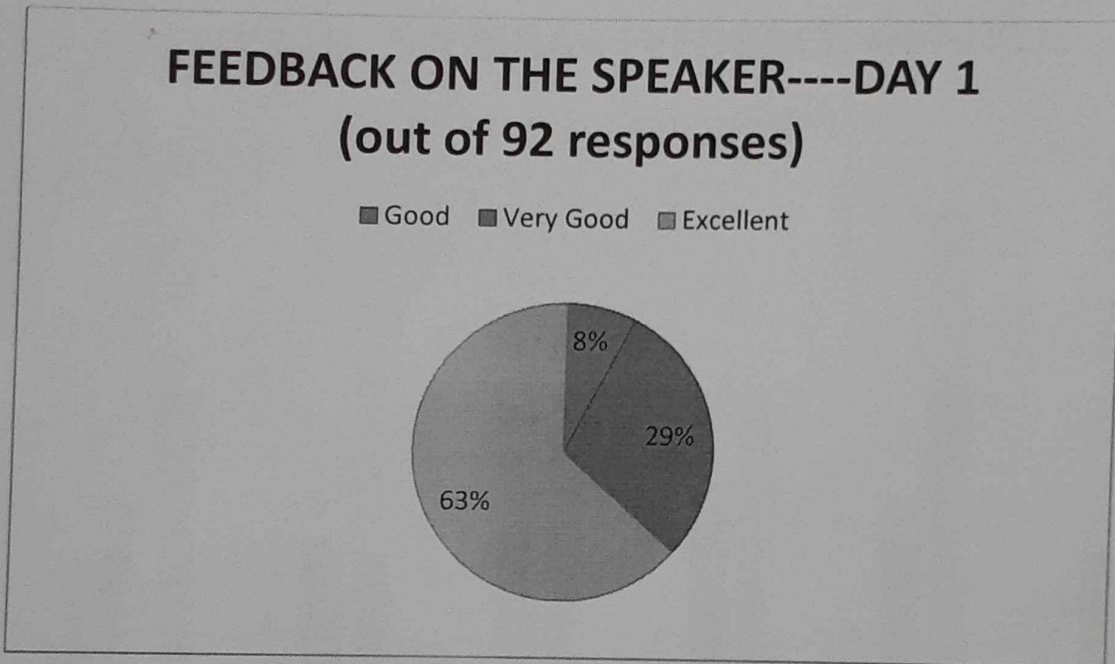
DAY -1

Date-11.06.2020

RESOURCE PERSON : MR K.KRISHNA KUMAR

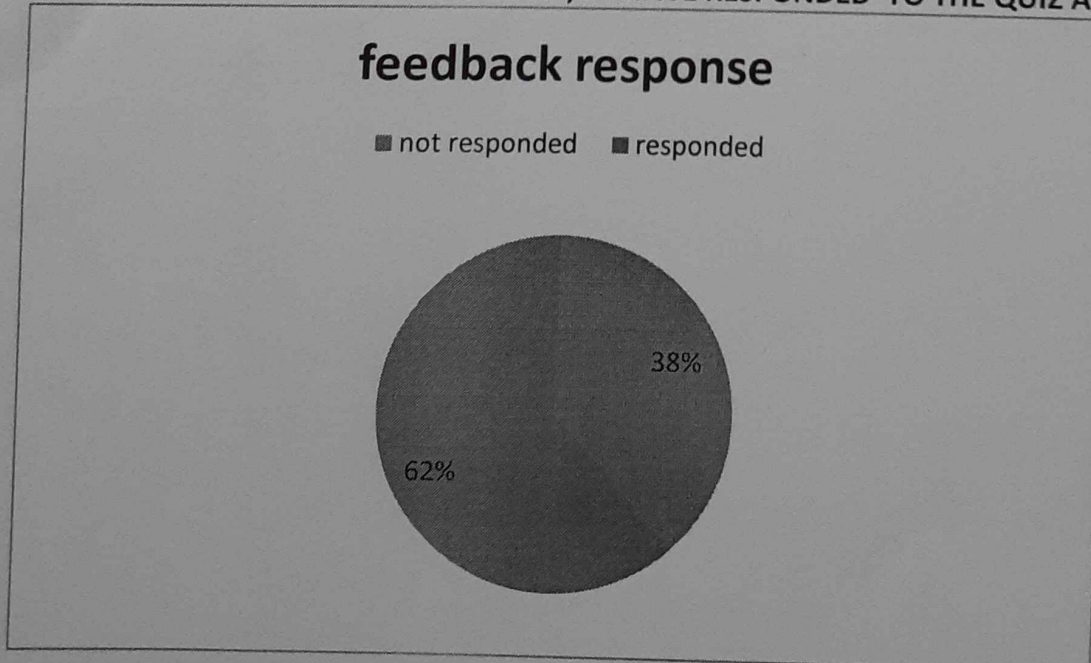
Topic: An Overview of Microgrids and Energy storage systems

ANALYSIS REPORT:



ATTENDEES REPORT :

OUT OF 149 PARTICIPANTS ATTENDED , 94 HAVE RESPONDED TO THE QUIZ AND FEEDBACK

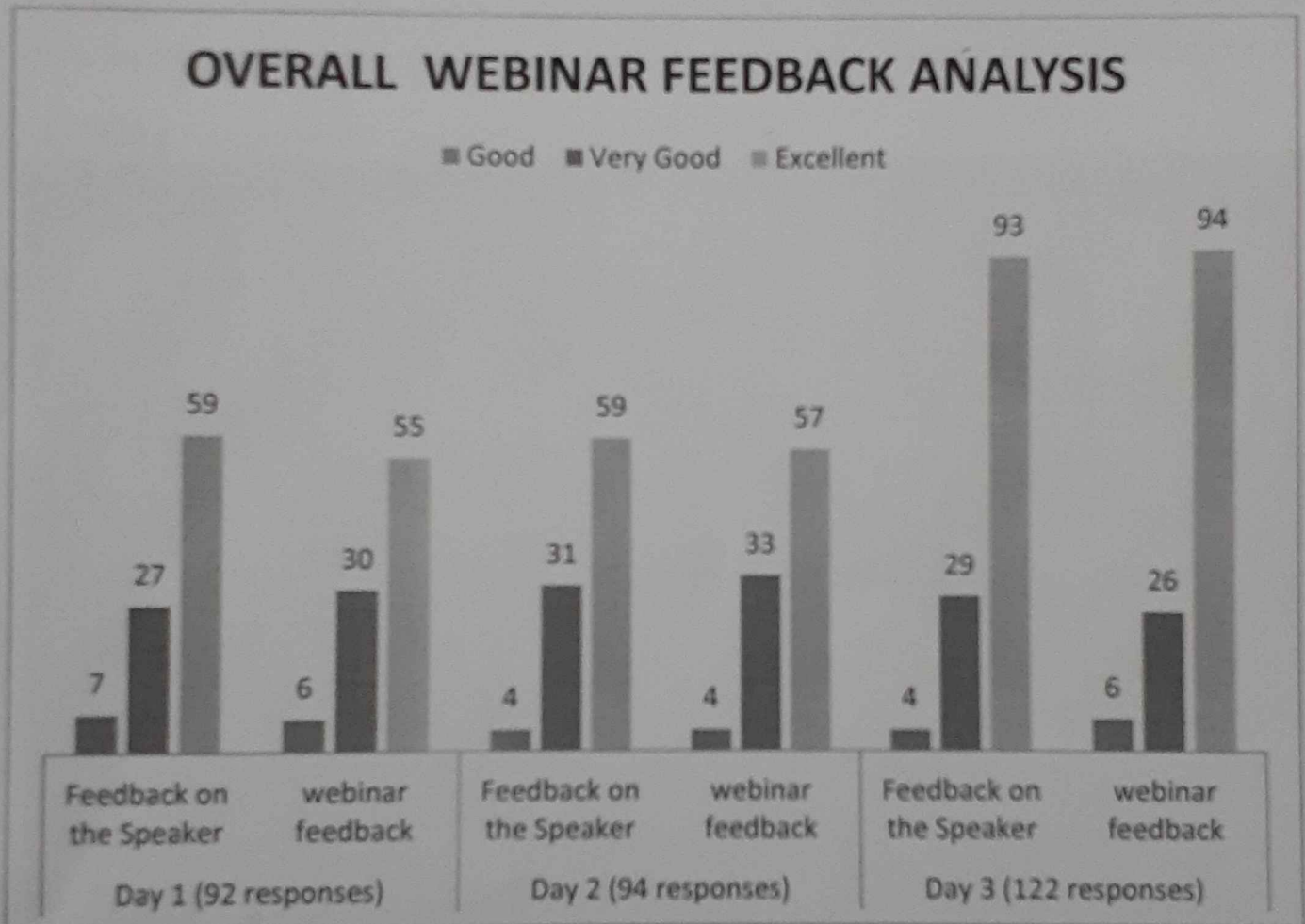


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FEEDBACK ANALYSIS ON FACULTY ENHANCEMENT WEBINAR SERIES -1

11.06.2020 TO 13.06.2020



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

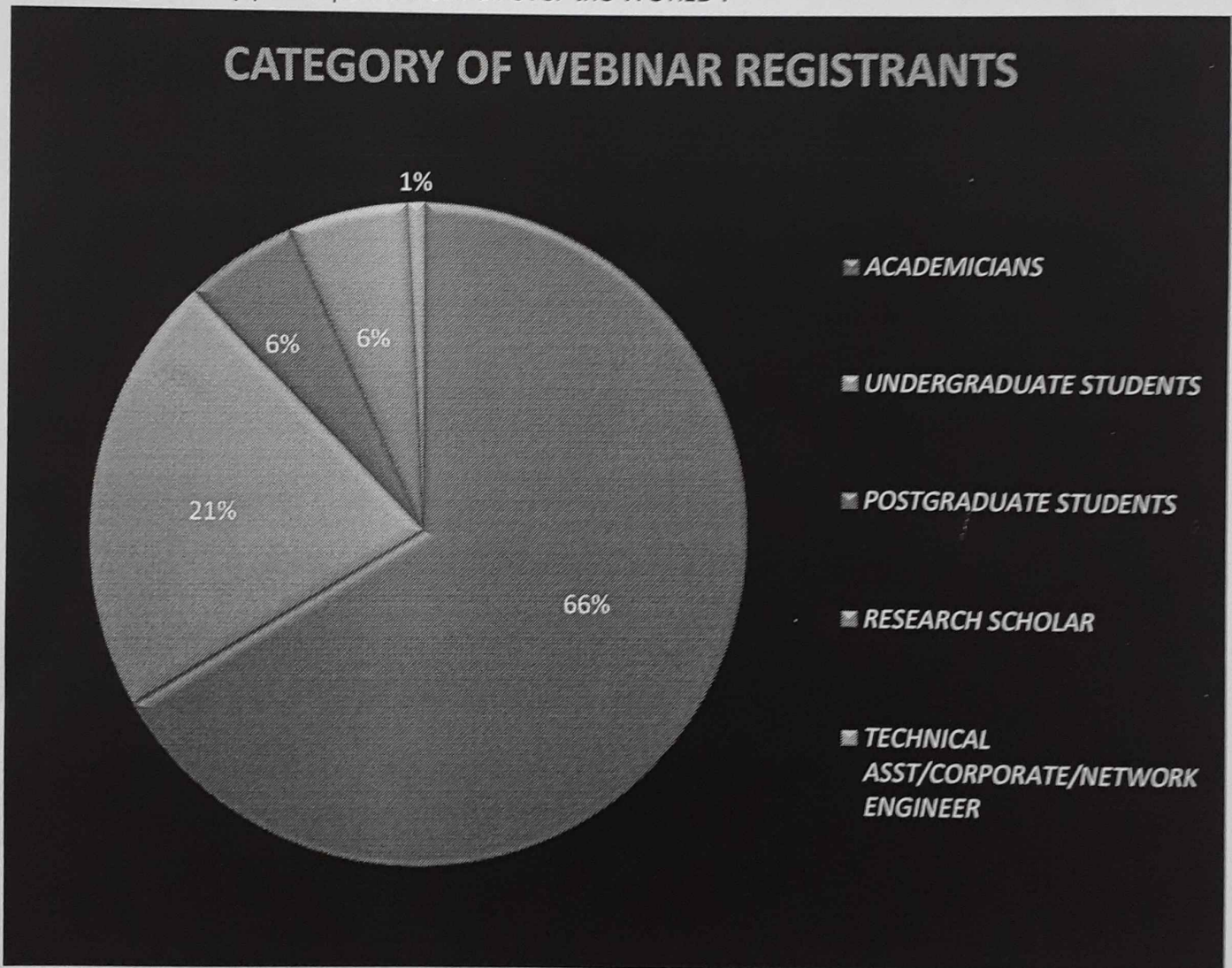
DEPARTMENT OF EEE

FACULTY ENHANCEMENT WEBINAR SERIES

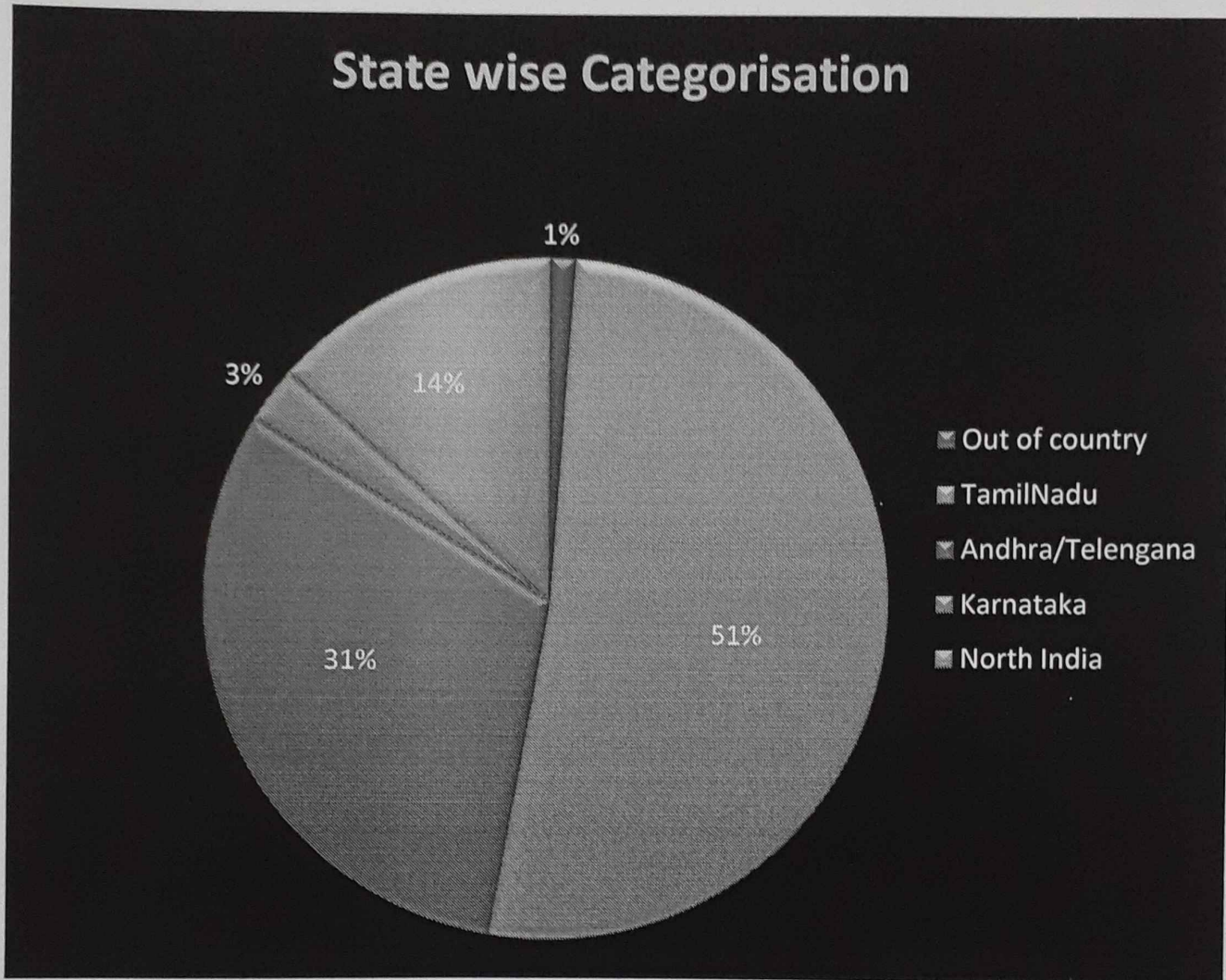
11.06.2020 TO 13.06.2020

Our department has conducted a national level technical **Faculty Enhancement Webinar Series-1** in order to stay updated with the current research trends , advancements in science and much more..

We have got many participants from all over the WORLD .



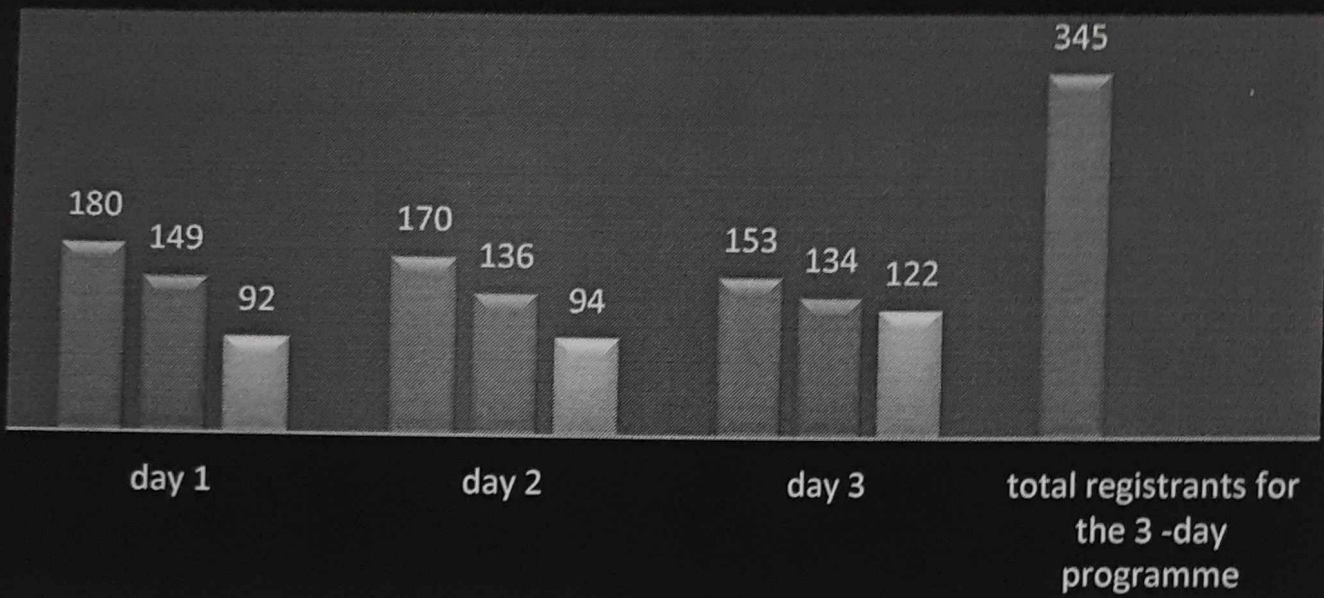
State wise Categorisation



WEBINAR STATISTICS

Webinar Statistics

■ registered ■ attended ■ responded

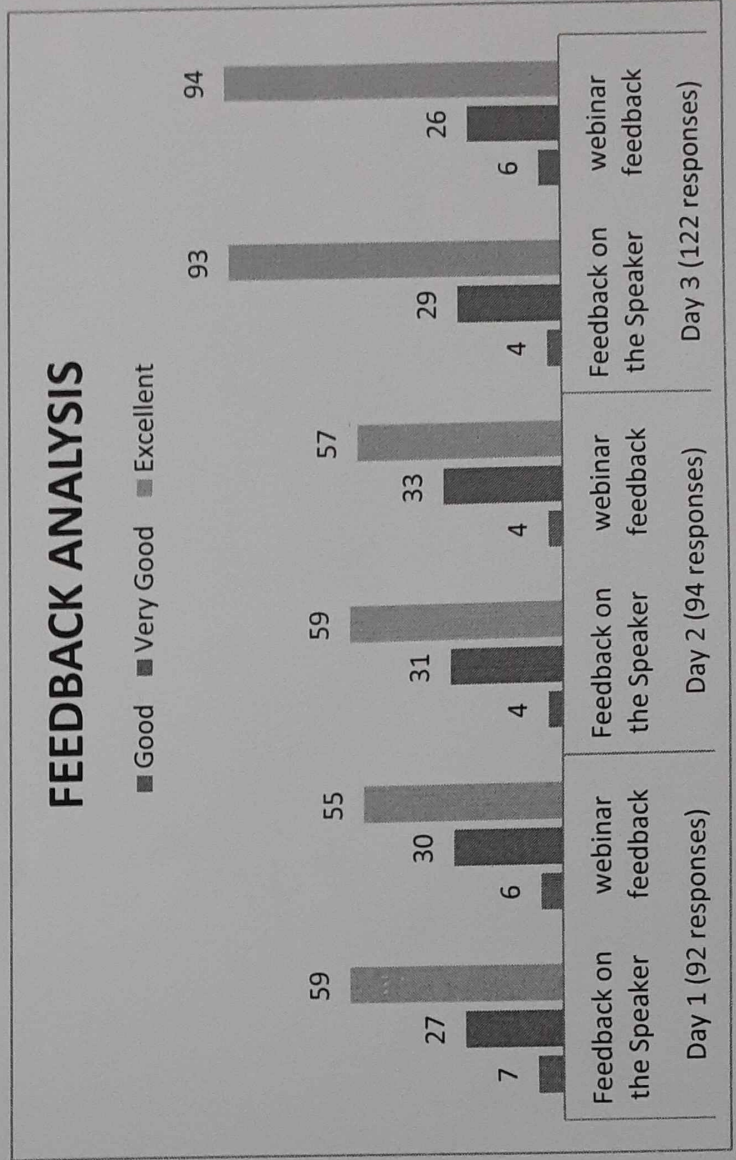


FEEDBACK ANALYSIS ON FACULTY ENHANCEMENT WEBINAR SERIES(FEW)-1

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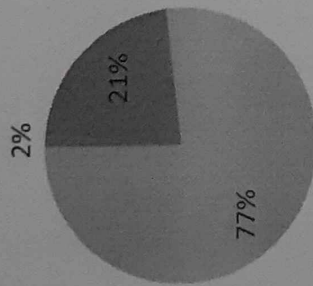
ORGANISING COMMITTEE

RATING	PARTICIPANTS
Good	2
Very Good	27
Excellent	97



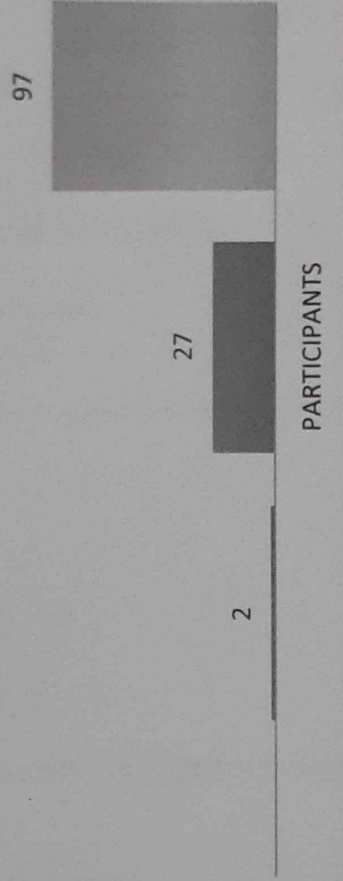
FEEDBACK ON ORGANISING COMMITTEE

■ Good ■ Very Good ■ Excellent



FEEDBACK ON THE ORGANISING COMMITTEE

■ Good ■ Very Good ■ Excellent



MEENAKSHI SUNDARAJAN ENGINEERING COLLEGE

DEPARTMENT OF EEE

The Department of Electrical & Electronics Engineering has conducted a one-day FACULTY ENHANCEMENT WEBINAR(FEW)-Series II on the topic "Electric Vehicle Technology and Industry Modernization" on 14.09.2020.

E-VEHICLES
Timing : 10:30 am to 11:30 am

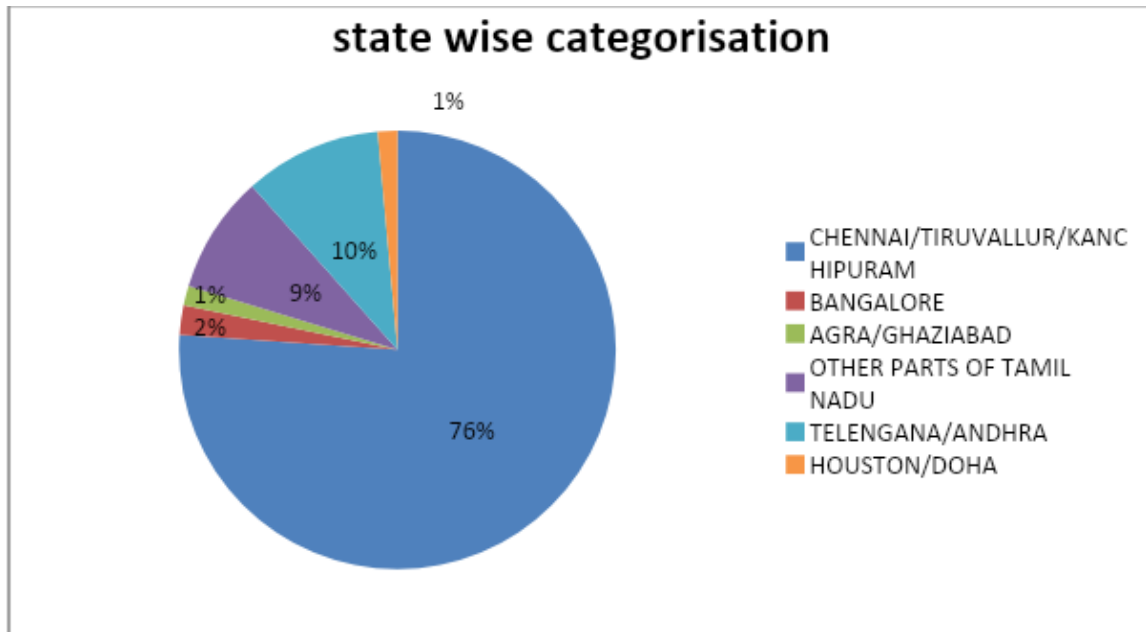
Mr. Ganesh Sankaran
B.E, M.E (CAD), PGDBA (Marketing)
Chief Program Engineer - Programs
Ford Motor Company Limited, Chennai
20+ Years of Automotive Experience

Mr. Ramakrishnan Sivasubramanian
B.E (EEE), MBA (Operations & Supply Chain Mgmt.)
Senior Engineer - Programs, Product Development
Ford Motor Company Limited, Chennai
8+ Years of Automotive Experience

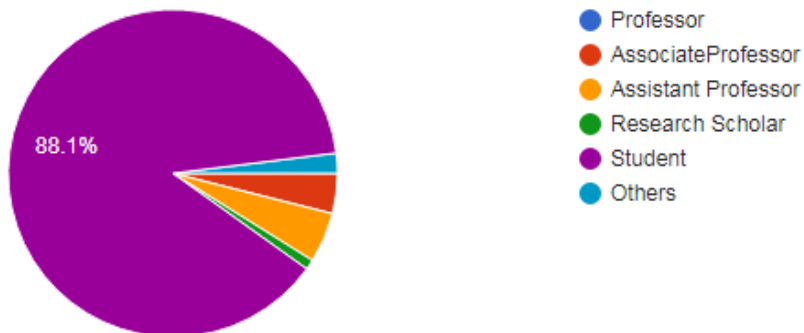
INDUSTRY 4.0
Timing : 1:30 pm to 3.00 pm

Mr. Azhagiri Govindasamy
Consulting Director
PMC Global Systems
Chennai

- There were participants from various places.



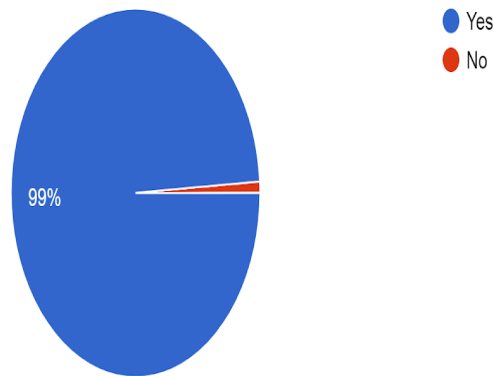
- FEW had greater count of participants from the 'students' category.



WEBINAR BENEFICIARIES

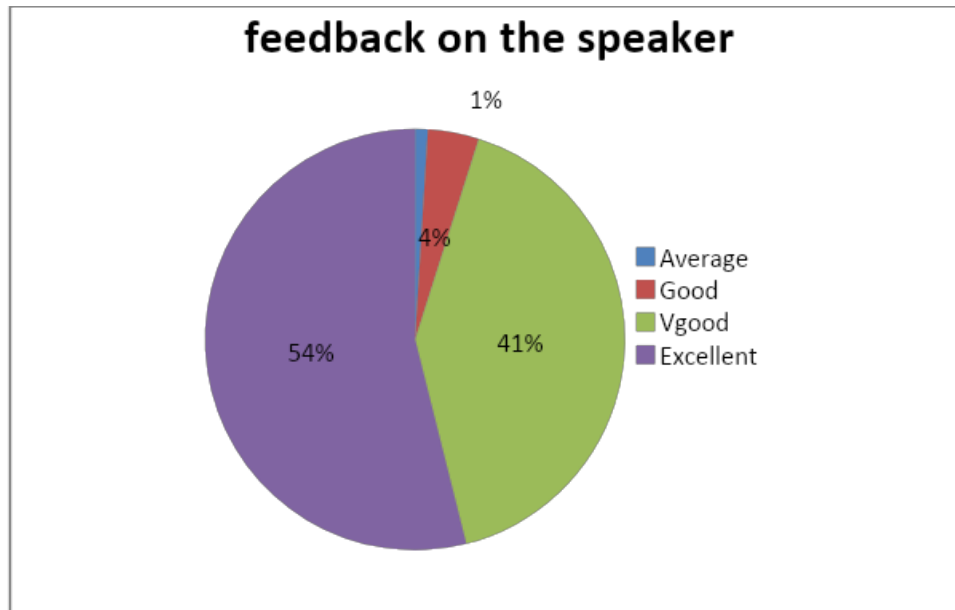
- The webinar program had a great reach among the participants which is understood from the responses.

Did you find the webinar useful in your field
101 responses



- **FEEDBACK ABOUT THE SPEAKERS:**

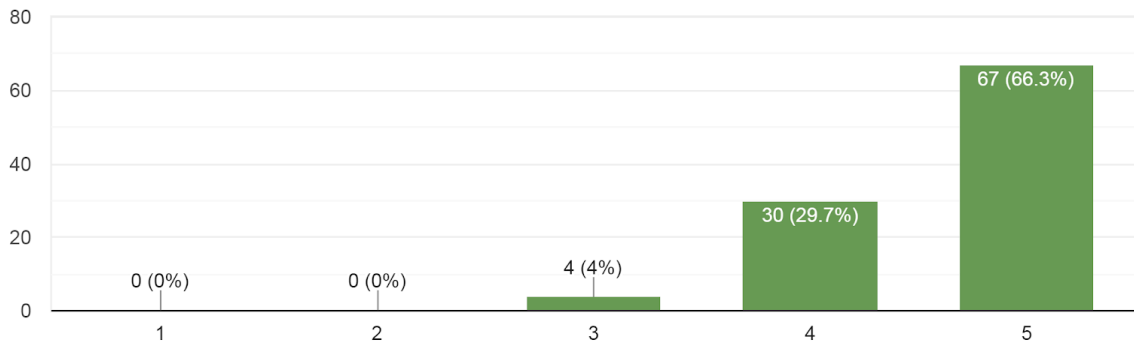
The speaker's contents were nice and quite interesting. The resource persons gave excellent delivery explained each and everything in such a simple way.



● FEEDBACK ABOUT THE ORGANIZING TEAM:

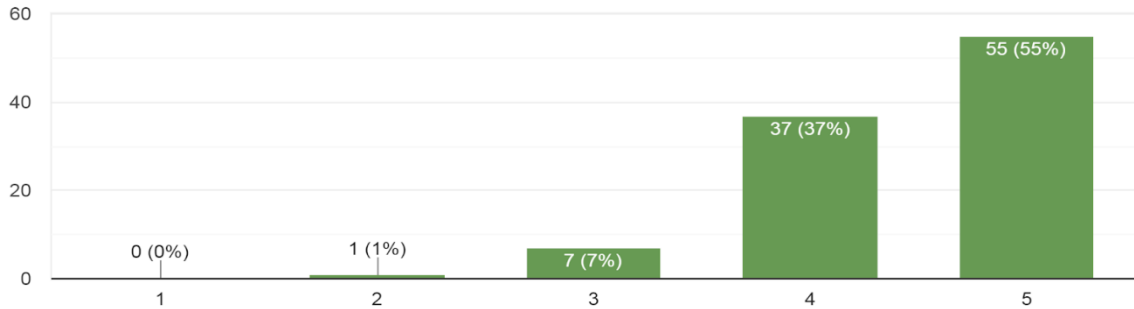
How was the overall support provided by the organizing team? *

101 responses



How do you rate the overall experience of our webinar series-II

100 responses



To summarize,

The webinar program was very rich in content and informative with excellent presentation. The program fulfilled the purpose in all aspects which made it an outstanding webinar.

The success of FEW SERIES-II event is because of knowledgeable speakers in their respective field, their outstanding contribution in the webinar and also because of the active participation of participants and finally the organizing team as well, which is clearly understandable from the above all responses.



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society)
363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University

S. Soundarabala, Associate Professor, M.E
Head of the Department
Department of E.E.E.

Off: 044-24801636
hod.eee@msec.edu.in

04.09.2020

To

Mr.Azhagiri Govindasamy
Consulting Director
PMC Global Systems
Chennai.

Sub: Requisition for one day Webinar-Reg

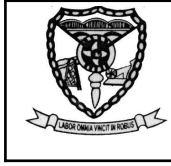
Respected sir,

It is an immense pleasure that our EEE department of Meenakshi Sundararajan Engineering College is organizing one day **Faculty Enhancement webinar (Series II)** for which I request you to kindly be a resource person for the **afternoon session** from **1:30pm to 3:00pm** on the topic **“INDUSTRY 4.0”** that will be held on **14 /09/2020**. We would be pleased to have you present at this webinar to listen about the technology advancements and hope the participants will benefit a lot from your expertise on the topic. Kindly treat this as the invitation for the program.

We shall greatly thankful if you could convey your acceptance at the earliest. Your response will be highly appreciated in this regard.

Thanking you,

With warm regards
S.
Soundarabala



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society)
363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University

S.Soundara Bala
Head of the Department
Department of E.E.E

Off: 044-24801636
hod.eee@msec.edu.in

15th Sep

2020

To

Mr.Alagiri Govindasamy
Consulting Director
PMC Global Systems
India

Respected Sir,

I wanted to thank you for serving as a speaker for the **Faculty Enhancement Webinar series 2** , which was held on 14/09/2020. When planning an event such as this, it is imperative to gain the participation of experts in the field. Your willingness to share your time and expertise in the area of **Industry 4.0** was critical to the success of this event. We were fortunate to have you as one of our speakers.

On Behalf of all of us at MSEC-EEE department, we offer our thanks for your excellent presentation and sharing your Valuable knowledge.

The webinar was a great success with many participants from various colleges and Universities across India. We have received notes and comments from many Participants that they have received useful ideas from your address.

We sincerely appreciate the time you spent with us for knowledge transfer and the support in creating a day to educate ourselves about many concepts.

Once again, thank you very much for your participation in this Webinar.

Thanks and Regards,



**Mrs. S. Soundara Bala,
Head of the Department.**

DEPARTMENT
MEENAKSHI SUNDARAKAVAN
ENGINEERING COLLEGE
363, ARCOT ROAD
KODANBAKKAM, CHENNAI - 4

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363 Arcot road Kodambakkam Chennai-24

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#363 ARCOT ROAD KODAMBAKKAM CHENNAI-24



NIQR STUDENT CHAPTER CONDUCTS WEBINAR SERIES



ON



ELECTRIC BUS DEVELOPMENT

05-11-2020 Thursday, 11.30-1.00PM

Shri. NANDAKUMAR ANANTHARAMAN

INDEPENDENT CONSULTANT

On EV Energy Management Solutions & Aggregates



CHALLENGES IN THE MECHANICAL DESIGN OF SATELLITES

09-11-2020 MONDAY, 11.30 -1.00 PM

Shri Shankar Narayan

Former Head Division

UR RAO SATELLITE CENTRE



SECONDARY USAGE OF BATTERIES FROM EV

11-11-2020 WEDNESDAY 10.00-12.00PM

Shri. N. MUTHAIAH

DIVISIONAL MANAGER, CORPORATE STRATEGY AND PLANNING

ASHOK LEYLAND CHENNAI

CHIEF PATRON
Dr. K. S LAKSHMI
CORRESPONDENT
MSEC

PATRON
DR. K. S. BABAI
SECRETARY
Mr. N. SREEKANTH
DIRECTOR
MSEC

ADVISORY COMMITTEE
DR. P. K. SURESH
PRINCIPAL
DR. K. UMARANI
DEAN ACADEMICS
MSEC

CONVENOR
Mrs. S. SOUNDARA BALA
HOD EEE
MSEC

COORDINATOR
Mr. S. MANIKANDAN
ASSISTANT PROFESSOR
NIQR COORDINATOR
MSEC

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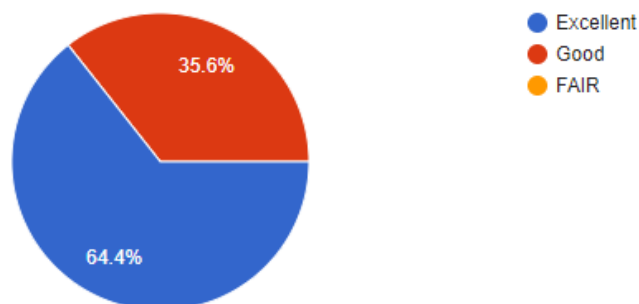
Feedback form -Electric Bus Development

05-11-2020

Nandakumar is an Independent Consultant on EV Energy Management Solutions & Aggregates; has a wide experience on EV Bus Development having led the EV Sourcing Development Function at Ashok Leyland Limited, India's Largest Bus Manufacturers; saw through the development of India's first indigenous Electric Bus launched towards the end of 2016; developed supply chain network with global top EV Aggregate Manufacturers & Developers. Besides, Nandakumar carries wealthy International Experience in the field of Manufacturing Development of Automotive Electronic Controllers, Active Safety Systems & has set up New Manufacturing Processes & Supported New Product Launches across Globe.*

Overall session Evaluation

101 responses



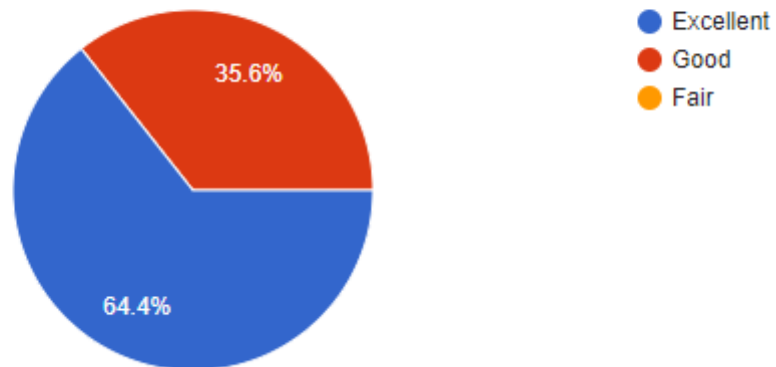
Feedback form -Challenges in the Mechanical design of Satellites

09-11-2020

Challenges in mechanical design of satellites '. The session was knowledge filled, students were very much profitable from the technical content and also from the personal experience he had shared. He gave valuable inputs were useful to students to further process their academic learnings.

Overall session Evaluation

202 responses



Feedback form -Secondary Usage of Batteries From EV

11.11.2020

Educational Background:

🎓 Completed B.E. Mechanical Engineering from Sona College of Technology, Salem, Tamilnadu in 2005

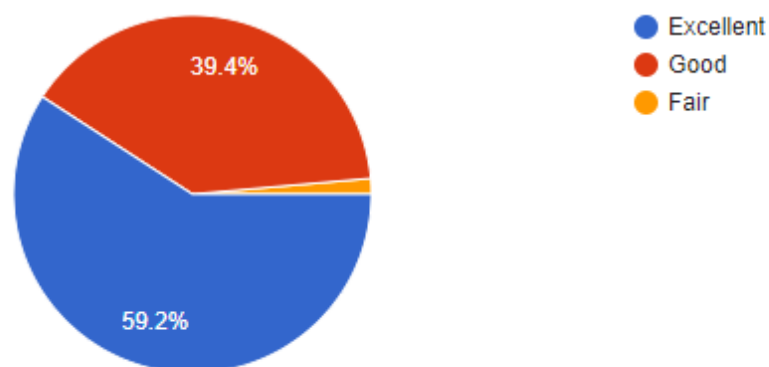
🎓 Completed PGDM (MBA) from Kirloskar Institute of Advanced Management Studies (KIAMS), Harihar (Davangere), Karnataka in 2009

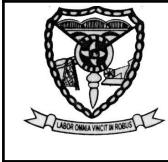
🎓 Completed various levels of Japanese language (N4 and N3) and currently pursuing Level N2.

Currently working as a Divisional Manager in the Corporate Strategy & Planning department of Ashok Leyland Limited, Chennai, Tamilnadu responsible for implementing Theory of Constraints (TOC) model in improving efficiencies of the New Product Development.

Overall session Evaluation

142 responses





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
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Mrs. Soundarabala S, M.E. (Ph.D)
Associate Professor,
HOD/EEE

Off: 044-2480163

Date: 09.11.2020

To,
Mr.Shankar Narayan
Former Division Head
UR RAO SATELLITE CENTRE
Banglore

Sub: Thanks for being the speaker for the webinar - Reg.

Respected Sir,

I express my sincere thanks for being the resource person for the Guest Lecture event that our department conducted on 09/11/2020, with the topic ‘Challenges in mechanical design of satellites’. The session was knowledge filled, students were very much profitable from the technical content and also from the personal experience you had shared. Your valuable inputs were useful to our students to further process their academic learnings.

I would like to express my gratitude, once again representing my department for your participation in the department event. We also expect your whole hearted support for the welfare of students in the future events that we conduct. Best wishes from the Department of EEE, MSEC.

Thanking you,
With regards,
Mrs. Soundarabala S,
HOD/EEE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

KODAMBAKKAM CHENNAI-24

DEPARTMENT OF EEE

NIQR STUDENT CHAPTER WEBINAR SERIES 1

AGENDA

Date:05-11-2020

11.30 Am	Welcome Address	Dr.K.S BABAI SECRETARY MSEC
11.33 Am	Chief Guest Introduction	Mrs.S.SOUNDARA BALA HOD EEE
11.35 Am	Chief Guest Address	Mr.R SETHURAMAN CHAIRMAN NIQR CHENNAI BRANCH
11.37Am	ABOUT NIQR	Mr.C.V.Gowrisankar National Secretary NIQR
11.41 Am	Speaker Introduction	Mr.S.MANIKANDAN ASSISTANT PROFESSOR NIQR STUDENT CHAPTER COORDINATOR
11.43 Am	Presentation	Mr.Nandakumar Anantharaman
12.43Pm	Q&A	Mr.MANOKAR II EEE
12.55Pm	Vote of Thanks	Mr.Deepak Anand III EEE



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Mrs. Soundarabala S, M.E. (Ph.D)
Associate Professor,
HOD/EEE

Off: 044-2480163

Date: 11.11.2020

To,
Mr.N.Muthaiah,
Divisional Manager,
Corporate Strategy and Planning,
Ashok leyland limited,
Chennai.

Sub: Thanks for being the speaker for the Guest Lecture - Reg.

Respected Sir,

I express my sincere thanks for being the resource person for the Guest Lecture event that our department conducted on 11/11/2020, with the topic 'SECONDARY USAGE OF BATTERIES FROM EV '. The session was knowledge filled, students were very much profitable from the technical content and also from the personal experience you had shared. Your valuable inputs were useful to our students to further process their academic learnings.

I would like to express my gratitude, once again representing my department for your participation in the department event. We also expect your whole hearted support for the welfare of students in the future events that we conduct. Best wishes from the Department of EEE, MSEC.

Thanking you,
With regards,
Mrs. Soundarabala S,
HOD/EEE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363 Arcot road Kodambakkam Chennai-24

NATIONAL LEVEL WORKSHOP

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
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IEEE Madras Section Technical Support

DEPARTMENT OF EEE ORGANISES

Pantech e Learning
DIGITAL LEARNING SIMPLIFIED
Technical Support

**NATIONAL LEVEL WORKSHOP
ON
ELECTRICAL VEHICLE DESIGN USING MATLAB SIMULINK**

INAUGURAL CHIEF GUEST



Dr. N. Kumarappan

**CHAIRMAN
IEEE MADRAS SECTION**

INAUGURATION: 07-12-2020
2.30 PM

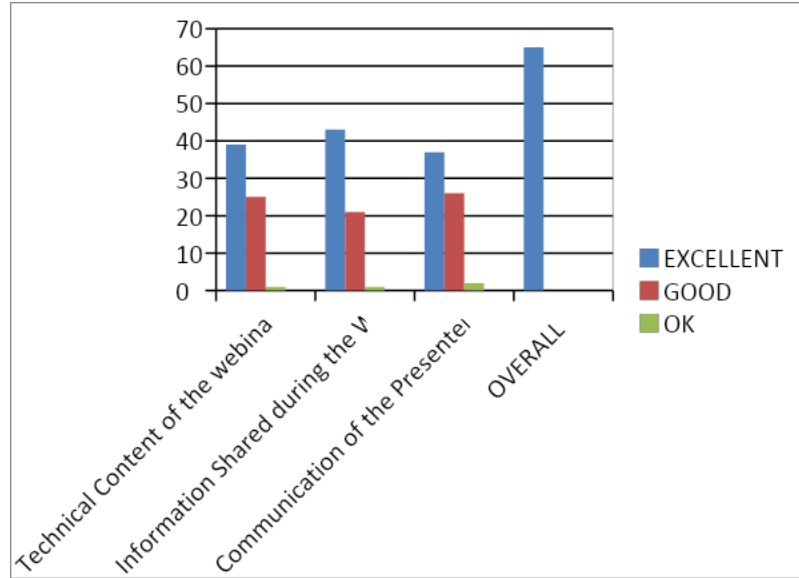
SESSION DATES: 08 DEC TO 10 DEC TIME: 10.00AM TO 12.00PM

CHIEF PATRON	PATRON	ADVISORY COMMITTEE	CONVENOR	COORDINATORS
Dr.K.S LAKSHMI	Dr.K.S.BABAI	Dr.P.K.SURESH	Mrs.S.SOUNDARA BALA	Mr.S.MANIKANDAN AP-EEE
CORRESPONDENT	SECRETARY	PRINCIPAL	HOD EEE	Mrs.G.GAYATRI AP -EEE
MSEC	Mr.N.SREEKANTH	Dr.K.UMARANI	MSEC	Mr.K.BHASKER AP-EEE
	DIRECTOR	DEAN ACADEMICS		MSEC
	MSEC	MSEC		

The session was presided over by

Mr.Sreenivasulu , Sr Design Engr , Power Domain.He has 4+ years of Exp in design of PV systems , design topologies and currently interests working of battery design specs for EV / HEV Vehicle designs..

FEEDBACK RESPONSE REPORT



REC





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

#363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-24



Accredited by National Board of Accreditation (NBA) for programs applied

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

organising

Virtual conference



MSEC STUDENT BRANCH



ICPEG-2021

INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, E-VEHICLES & GREEN ENERGY

About the College

Prof. K.R. Sundararajan, one of the eminent educationists of South India, established Indian Institute of Engineering Technology (IET) in the year 1947 when there were only a few Engineering Colleges in the state and young aspirants could not find opportunities to become engineers. Prof. KRS guided them to fulfil their dreams to become full-fledged engineers through the AMIE programme. Since then, the alumni of IET have been occupying high ranking positions in state, central government and corporate sectors and many of them have turned out to become entrepreneurs running profitable small-scale Industries and businesses.

In his last years, Prof. KRS had a dream of starting a full-fledged Engineering College to give quality education in various branches of engineering. His dream came true when Meenakshi Sundararajan Engineering College, at Kodambakkam, started functioning from July 2001 through the efforts of his illustrious daughters Dr.K.S.Lakshmi and Dr.K.S.Babai. KRS Campus is well known for its high proficiency in education and discipline, the two virtues always cherished by our Indian society from time immemorial.

Since inception MSEC has shown consistent performance in academics and extra-curricular spheres. The institute continues to impart knowledge and values to inculcate nation building thoughts in the young minds.

About the Department

The Electrical and Electronics Department of MSEC commenced in the year 2003. The department lays emphasis on equipping its students with conceptual knowledge and comprehensive technical training to meet the requirements of the industries. The college gives importance for practical training in latest developments & effective students participation in many activities. The events are planned & organized in a manner to improve the overall personality of the students in various fronts.

INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, E-VEHICLES & GREEN ENERGY

ICPEG-2021

3rd April 2021

Due to global warming and limited availability of conventional fuels, renewable energy sources are playing a vital role in satisfying the power requirement. In order to control CO₂ emission and to curb the adverse effects of global warming, most of the countries plan to stop the IC-engine vehicles and are interested to develop the E-vehicles. Recent researchers are emphasising the green energy with power electronics support.

In this relevance, to enhance the research & innovation related to the above scenario, the Electrical and Electronics Engineering department of Meenakshi Sundararajan Engineering College has organized a one day "International Conference on Emerging trends in Power Electronics, E-Vehicles and Green Energy" (ICPEG '21) which would provide a platform to explore the socio-economic benefits of the E-vehicles and Green energy.

RELEVANT TOPICS

- 1.Nano technology in advanced alternate energy material physics and engineering.
- 2.Prediction, forecasting, data mining and data fusion techniques in manufacture & applications of alternate energy systems.
- 3.Utilization of renewable energy sources – system design with reference to rural areas and urban areas.
- 4.Economic and environmental issues.
- 5.Electricity market : Distribution, forecasting, bidding strategies, market analysis and clearing.
- 6.Power control: Various power converters and inverter topologies.
- 7.Smart systems and optimization systems.
- 8.Large scale power systems: planning and design.
- 9.Solar absorbers and collectors – design and modelling.
- 10.Heating and cooling systems.
- 11.Electric mobility - Battery Management System, EV design.

CONTACT US

 icpeg2021@gmail.com
 www.icpeg.com
 +91 9840115485
 +91 9840629126

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Dr. N.Muthaiah,Divisional Manager,Ashok Leyland
Dr .Nagarajan Sudarsanan, SIEM,West Bengal

REGISTRATION

DEADLINE FOR PAPER SUBMISSION : 14/03/2021

INTIMATION OF SELECTED PAPERS : 20/03/2021

LAST DATE FOR REGISTRATION : 25/03/2021

+ Registration fee has to be sent by demand draft in favour of "MSEC SEMINAR FUND" payable at Chennai.

+ Authors are requested to send the soft copy of the technical paper as per IEEE format to the official email address.

+ Conference proceedings will be published with ISBN number.

Academicians, Research Scholars & Participants from Industries - Rs.750

U.G/P.G Students - Rs.500

Participants outside India - \$50

Paper publication will be charged extra as per the Journal. (Individual Registration for each batch member)

for registration visit : www.icpeg.com

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

#363, Arcot road, Kodambakkam, Chennai

The Department Of

Electrical And Electronics Engineering

Cordially invites you to the
International Conference on Power Electronics,
E-Vehicle & Green Energy

ICPEG 2021

Saturday 3rd April

Join Zoom Meeting

[HTTPS://US02WEB.ZOOM.US/J/86735281138?
PWD=SE1UC1RQAGW5VFZJSHJJS2WZNUI5QT09](https://us02web.zoom.us/j/86735281138?pwd=SE1UC1RQAGW5VFZJSHJJS2WZNUI5QT09)

Meeting ID: 867 3528 1138

Passcode: 92Cwu7

AGENDA

INAUGURATION (10.00 - 11.00AM)

*WELCOME ADDRESS

*KEYNOTE ADDRESS BY

DR.S..NAGARAJAN, PRINCIPAL,SIEM, WEST BENGAL

*TECHNICAL PRESENTATION

SESSION I (11.00AM - 1.00PM)

PANEL MEMBERS

**DR.V.JAMUNA, JERUSALEM COLLEGE OF ENGINEERING, CHENNAI

*DR.BHARGAV PRASANNA, EDF, PARIS

*DR.PRANAVMOORTHY, EATON, PUNE

*MR.NAVNEET NARAYANAN, CPS ENERGY, SANANTONIO

SESSION II (1.45PM - 3.45PM)

PANEL MEMBERS

*DR.V.JAMUNA, JERUSALEM COLLEGE OF ENGINEERING, CHENNAI

*DR.DR.PRANAVMOORTHY, EATON, PUNE

VOTE OF THANKS (3.45PM)

DATE: 03 APRIL 2021

AGENDA

10.00 –11.00 AM –INAUGURATION

- Welcome Address
 - Keynote Address by Dr. S. NAGARAJAN ,Principal, SIEM
- Session -I
11.00am -1.00 pm Technical presentation

Panel Members

- Dr.Bhargav Prasanna ,EDF , Paris
- Dr.PranavaMoorthy , EATON, Pune
- Dr.V.Jamuna, Jerusalem College of Engineering Chennai

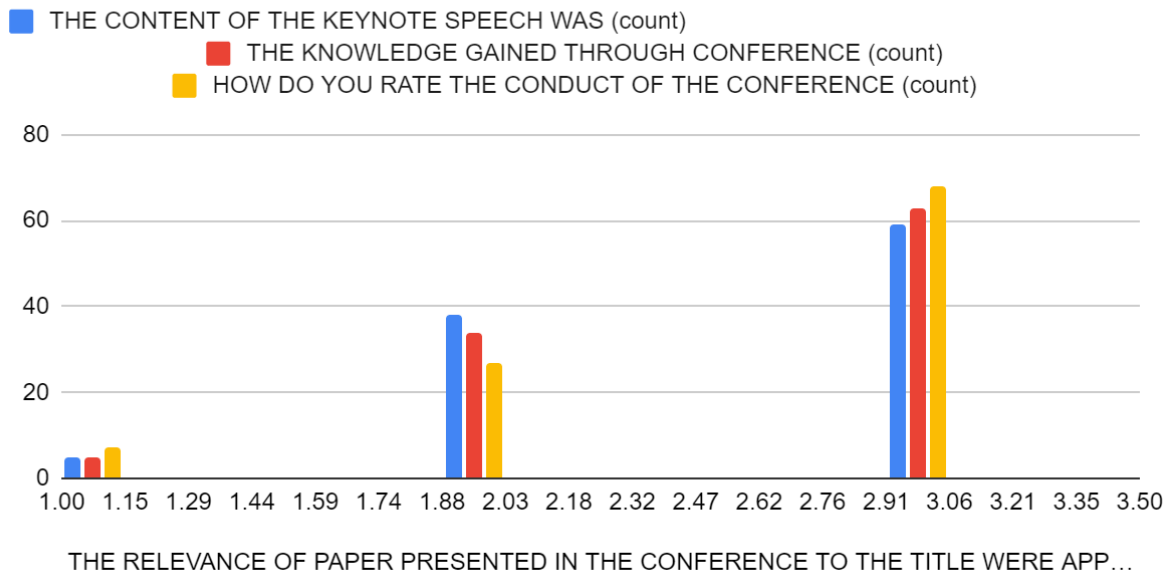
Session –II (1.45pm -3.45pm)

Panel Members

- Dr.V.Jamuna, Jerusalem College of Engineering Chennai
- Dr.PranavaMoorthy , EATON, Pune
- Mr Navneet Narayanan , *CPS Energy, SanAntonio*

3.45 pm Vote of thanks

Histogram of THE CONTENT OF THE KEYNOTE SPEECH WAS



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#363 ARCOT ROAD KODAMBAKKAM CHENNAI-24

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
NIQR STUDENT CHAPTER

ORGANISES



WEBINAR
ON

AWARENESS PROGRAM ON RELIABILITY

Tuesday, 11-05 2021

10.00Am to 12.00 Noon And 1.00 Pm to 2.30 Pm

CHIEF GUEST

**Shri.R.Sivanesan
President & Head
Ashok Leyland Ltd**

RESOURCE PERSON

**Shri.Hemant P.Urdhwaresh
Director
Institute of Quality &
Reliability**

Zoom Meeting ID: 816 4929 9164

Passcode: 078051

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Dr.K.S.BABAI

SECRETARY

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MSEC

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PRINCIPAL

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CONVENOR

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HOD EEE

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COORDINATORS

Mr.C.GOWRI SANKAR

NATIONAL

SECRETARY

NIQR

Mr.S.MANIKANDAN AP-EEE

NIQR STUDENT CHAPTER

COORDINATOR

MSEC

Mr. Hemant P. Urdhwareshe,

Director, Institute of Quality & Reliability

Education and Experience

- Hemant Urdhwareshe is proprietor and Director of Institute of Reliability (IQR), a company that he started in 2005. IQR provides training and consulting services to corporate clients and individuals
- Hemant Urdhwareshe is a Mechanical Engineer from VNIT (1977), Nagpur with post graduate Diploma in Business management from IMDR (1986), Pune
- He is a Certified Master Black Belt (MBB) by American Society for Quality (ASQ) and has trained more than 3000 Black/Green Belts and 450 Certified Reliability Engineers. He has conducted Six Sigma Black Belt/Green Belt/DFSS programs for many companies including American Society for Quality (ASQ), Ashok Leyland, Greaves Cotton, Suzlon energy, Fleetguard India, Tata Auto Comp Systems (TACO), Tata Motors, Alfa Laval, Menon Pistons, DGP Hinoday, Eaton Technologies, Mirc Electronics along with implementation support and project reviews as MBB.
- Hemant has conducted many other workshops in Reliability Basics, Structured Problem Solving, Reliability Growth, Design FMEA, Quality Function Deployment, and at Tata Motors, ARAI, Thermax, Tata Johnson Controls, M&M and for Petronas in Malaysia and in public courses. More than 5000 participants have been trained in these programs.
- Hemant has been one of the eminent panellists for Lean Six Sigma Excellence Awards organized by SCMHRD and also for International Team Excellence Awards for American Society for Quality (ASQ).
- He has rich industrial **experience of 28 years in Cummins India Limited (CIL)** and **15 years of consulting experience** in various industries. At CIL he worked as **Sr. General Manager Product Engineering**, GM Quality, GM Supplier Quality Improvement, Management Representative, DGM Total Quality System, **Functional Excellence Leader for Reliability Engineering** and process engineer.
- He has led and sponsored number of Six Sigma and Design for Six Sigma (DFSS) projects on reduction in customer defects, scrap reduction, warranty cost reduction, test defect reduction, rework reduction, reduction in cycle times for problem solving , engineering changes and improving durability.
- He received Chairman's Awards at Cummins India Ltd. for best six sigma project sponsor and best improvement project in 2002
- Active Six Sigma and DFSS Steering Committee member and has contributed significantly in driving six sigma at CIL.
- Participated in many six sigma project reviews
- At CIL, He was a trainer for various courses such as Quality Engineering, Reliability, ASQ Certifications, Quality Systems Audit, Common Approach to Continuous Improvement, Seven Step Problem Solving, Problem Solving Tools, Statistical Methods, Seven Habits for Highly Effective People and Leadership Development.
- Hemant was a visiting faculty at Symbiosis Institute of Business Management (SIBM) for Business Statistics and Six Sigma.



Awards and Certifications:

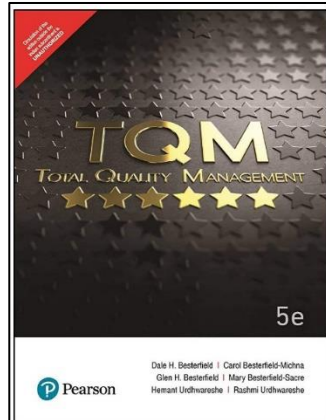
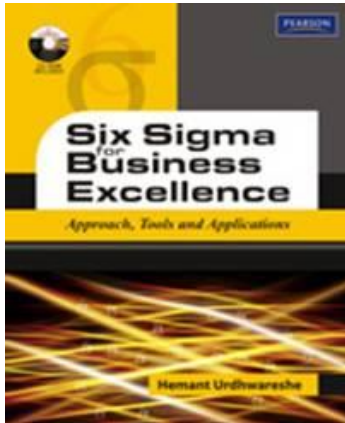
- **D.L.Shah-QCI Quality Champion Silver Award 2018**
- **Qimpro Foundation Silver Standard Award 2003**
- Certified by American Society for Quality as Six Sigma Master Black Belt, Quality Manager, Quality Engineer and Reliability Engineer
- **First ASQ Certified Six Sigma Master Black Belt in India and First person in India with 6 or more ASQ certifications**
- Shyamkant Gokhale Award for maximum marks in DBM (IMDR)

Memberships

- **Fellow, American Society for Quality (ASQ)**
- Senior Life Member of NCQM
- Senior Life Member of National Institution for Quality and Reliability (NIQR)

Other Achievements

- Hemant has authored a book 'Six Sigma for Business Excellence' which was published by Pearson Education in September 2010. He has also co-authored the book 'Total Quality Management' which has been published in October 2010.



- Published series of articles on Six Sigma in "Quality World" magazine
- Published many articles and papers on the subject of *Six Sigma Approach*, PRE-Control and other Quality related topics in Sakal, Times of India, NCQM journal, Web Journal, SIAT reference material and 'Arthmanthan' (Marathi). *Article on Six Sigma was selected by ICAFI University as first chapter in their book on Six Sigma published in 2004.* His articles on Six Sigma are serialised in "Quality World" magazine.
- * Conducted many training workshops courses on Six Sigma, SPC, Geometric Dimensioning and Tolerancing (ASME Y14.5M

1994) on behalf of Indian Institution of Production Engineers.


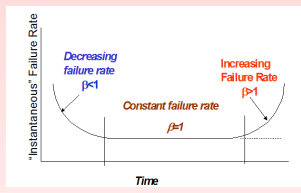

- * Made presentations on:
 - * *Six Sigma and Problem Solving in Quality Month at Tata Motors in November 2018*
 - * *Reliability Engineering Strategies for New and Current Products as Dr.Kazuyuki Suzuki Endowment lecture at NIQR, Chennai*
 - * *Quality Environment for Enhanced Productivity on Quality Day at ISRO, Thiruananthapuram in November 2016*
 - * *Reliability Focused Six Sigma (RFSS) approach as strategic roadmap to improve current product reliability (International Applied Reliability Symposium, Pune, August 2017)*
 - * *Risk assessment in Conformity of Production (COP) tests (Symposium of International Automotive Technology [SIAT] 2017)*
 - * *Integrated Approach to Assure Reliability of New Products (International Applied Reliability Symposium, Pune, April 2009)*
 - * *Improving Reliability using Six Sigma" at (International Reliability Symposium, Singapore October 2007)*
 - * *Integrating Reliability and Durability Improvements with Six Sigma (International Reliability Symposium, Kuala Lumpur September 2006 and Chennai January 2007)*
 - * *Application of Logistic Regression and Advanced SPC Techniques at Minitab Users Meet 2007.*
 - * *Six Sigma to fulfil Customer Expectations (Six Sigma Forum organised by Ixperion October 2004)*
 - * *Integrating Six Sigma with CRM (Inconnectiva Conference Dec 2004)*
 - * *Six Sigma in Service (seminar by FIK International in Mumbai on May 28, 2003)*
 - * *Six Sigma Approach (Institute of Armament Technology, 2001)*
 - * *TQS implementation in CIL (Institute of Armament Technology, 1997)*
 - * *QS-9000 (Indian Institute of Production Engineers, Pune 1996)*
 - * *QS-9000 (Indian Association of Quality and Reliability , Pune 1995)*
 - * *Beyond Quality System Certification (Quality Convention , PDPC, Pune 1996)*
 - * *ISO 9001 implementation in CIL (ISO 9000 Forum Symposium organized by CIL, New Delhi 1994)*



Hemant receiving memento at International Symposium Singapore (2007) after presenting a paper




Hemant receiving Qimpro Silver Standard 2003 from Mr.Sarthak Behuria






Awareness Program on Reliability Engineering


*This material is created by
Hemant Urdhwarshhe
Fellow of ASQ*




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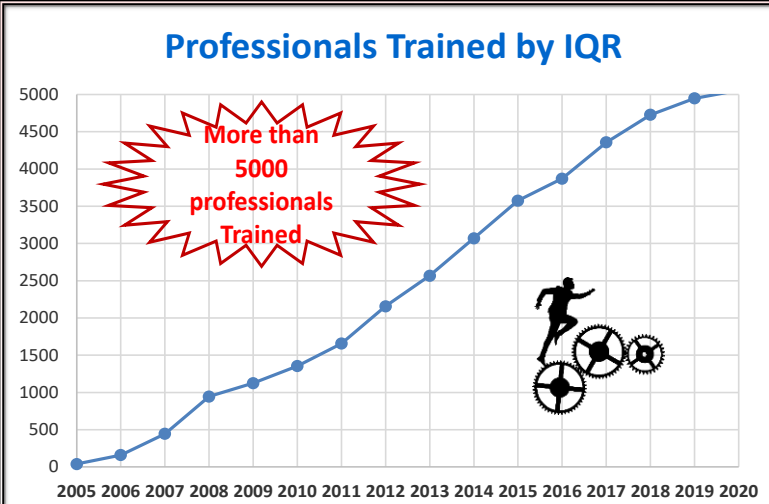
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Institute of Quality and Reliability Celebrates 15-years of its contribution to Quality Improvement!

Professionals Trained by IQR



Year	Professionals Trained
2005	0
2006	200
2007	400
2008	1000
2009	1200
2010	1400
2011	1700
2012	2200
2013	2600
2014	3100
2015	3600
2016	3900
2017	4300
2018	4700
2019	4900
2020	5000

Our Training Programs:

- Certified Reliability Engineer
- Certified Six Sigma Black and Green Belt
- Design for Six Sigma (DFSS)
- Certified Quality Engineer
- Design of Experiments
- SPC, MSA, FMEA, Process Capability
- Sampling Plans

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We are thankful to our customers and channel subscribers!

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60+ Technical Videos in our YouTube Channel
About 4000 channel subscribers
<https://www.youtube.com/channel/UC9EZWioUA4xzTXT1BH7SFyg>

Exponential Probability Plotting on Excel (9:34)
118 views • 1 week ago

Remember this Memoryless Exponential Distribution! (15:18)
127 views • 1 week ago

Accelerated Life Testing (ALT) Part-4 Determination ... (13:10)
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Hypothesis Testing Part-3: Two Sample t-test with tabl... (16:11)
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Hypothesis Testing Part-2: One Sample t-test, t-... (18:27)
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4




Agenda

- **Need for reliability engineering**
- **Reliability Engg Terminology: Reliability Defined, MTTF, MTBF, Failure Rate, Product Life Cycle, Failure Rate, Maintainability, Availability etc.**
- **Introduction to Life Data Analysis**
- **Introduction to Reliability in Design: DFMEA, Stress Strength Analysis, Design of Experiments**
- **Introduction to Reliability Testing: Growth, Accelerated Life Testing, HALT, Burn In, ESS, HASS**

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Need for Reliability Engineering

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Repeat Business

A concentrated effort towards improved reliability shows existing customers that a manufacturer is serious about their product, and committed to customer satisfaction.



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Customer Requirements


Many customers in today's market demand that their suppliers have an effective reliability programme. These customers have learned the benefits of reliability analysis from experience.



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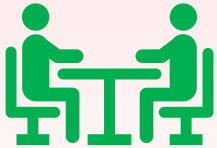
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Competitive Advantage


Many companies publish their predicted reliability numbers to help gain an advantage over their competitors who either do not publish their numbers or have lower numbers.



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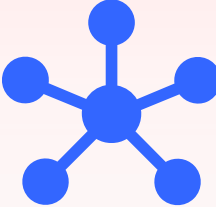
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Reputation.

A company's reputation is very closely related to the reliability of their products.



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 **Customer Satisfaction**

While a reliable product may not dramatically affect customer satisfaction in a positive manner, an unreliable product will negatively affect customer satisfaction severely.




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 **Warranty Costs Reduction**

If a product fails to perform its function within the warranty period, the replacement and repair costs will negatively affect profits, as well as gain unwanted negative attention. Introducing reliability analysis is an important step in taking corrective action, ultimately leading to a product that is more reliable.



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Recap: Benefits of reliability engineering

- **Repeat Business.**
- **Customer Requirements.**
- **Competitive Advantage.**
- **Reputation.**
- **Customer Satisfaction.**
- **Warranty Costs**

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Introduction to Reliability and Definitions

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Reliability Defined

Reliability is a *Probability that a system will perform its intended function for a specified time t under stated operating conditions!*

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Availability

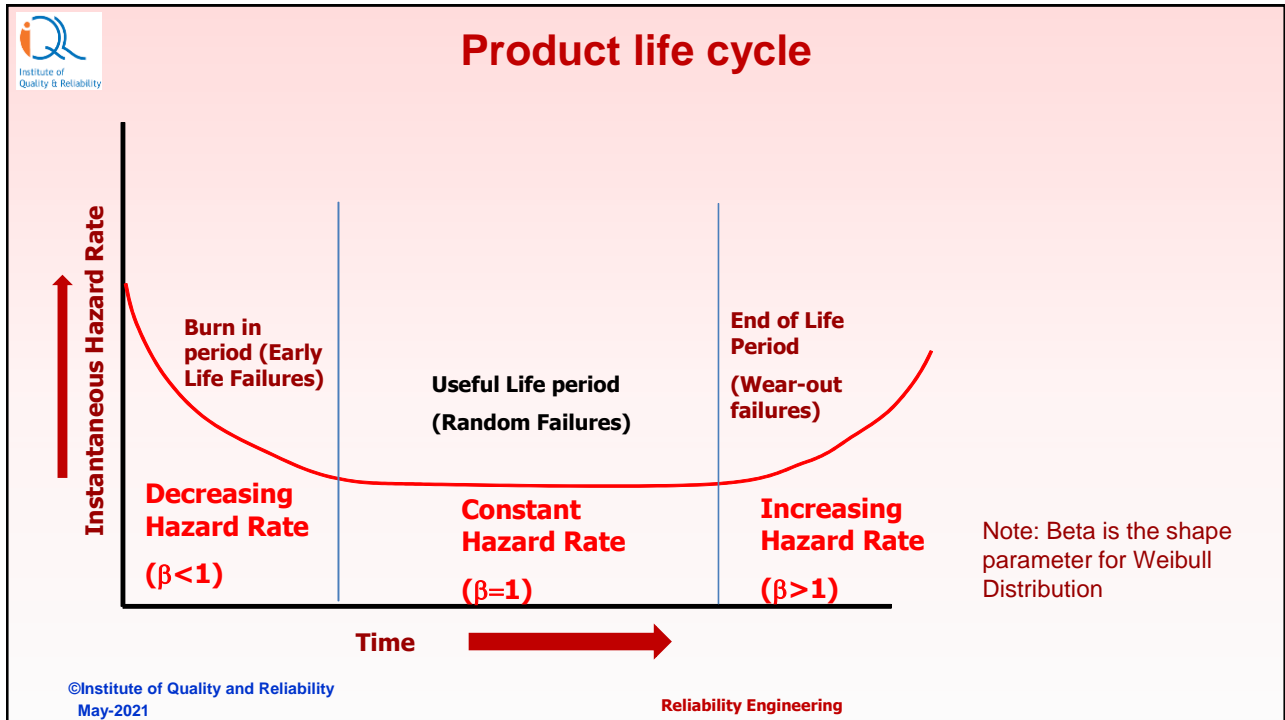
- Availability can be considered as fraction of time that a system is usable.
- As per MIL-Std-721: Availability is a measure of the degree to which an item is in an operable and committable state at the start of a mission when the mission is called for at an unknown (random) time. (Item state at start of a mission includes the combined effects of the readiness-related system R & M parameters, but excludes mission time)
- Inherent or Steady State Availability A_I

$$A_I = \frac{MTBF}{MTBF + MTTR}$$

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Bathtub Curve: Summary Table

Phase	Failure rate	Possible Causes	Possible improvement actions
Burn-in	Decreasing (DFR)	Manufacturing Defects: Welding, soldering, assembly errors, part defects, poor QC, poor workmanship	Better QC, Acceptance testing, Burn-in testing, screening, Highly Accelerated Stress Screening
Useful Life	Constant (CFR)	Environment, random loads, Human errors, 'Acts of God', chance events	Excess strength, redundancy, robust design
Wear Out	Increasing (IFR)	Fatigue, Corrosion, Aging, Friction	Derating, preventive maintenance, parts replacement, better material, improved designs, technology,

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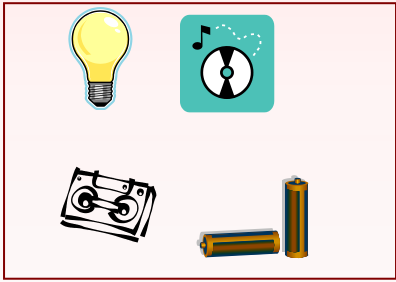
Types of Systems

There are 2 basic types of systems

Repairable



Non-repairable




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Mean Time Between Failures (MTBF)

MTBF is applicable for repairable systems

$$MTBF \theta = \frac{\text{Total Working Time}}{\text{Total Number of failures}}$$


$$\text{Average Failure Rate } \lambda = \frac{1}{\theta}, \lambda\theta = 1$$




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MTBF: Simple Example




300 cars have accumulated 45000 hours. 10 failures are observed. What is the MTBF?

- **MTBF $\theta = 45000/10 = 4500$ hours**

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Reliability Measures Non-Repairable Systems

- **5 oil pumps were tested with failure hours of 45, 33, 62, 94 and 105. What is the MTTF?**
 - **pumps are non repairable in this case: use MTTF**


$$MTTF = \theta = \frac{(45 + 33 + 62 + 94 + 105)}{5}$$

- **Life data of non repairable systems usually fits in mathematical models (distributions)**
 - **Weibull, Exponential, Lognormal, Normal**

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Instantaneous Hazard or Failure Rate


- Instantaneous failure rate or hazard rate $\lambda(t)$ at time t is the probability of failure per unit time given that item has survived till time t
- Consider an example of wiper motors:
- From a batch of 200 wiper motors, 196 are working satisfactorily till 20000 kilometers. In the next 1000 kilometers, 3 motors fail. What is the hazard rate at 20000 kilometers?

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Hazard Rate Example

At 20000 kilometers, 196 motors are working. In the next 1000 kilometers, 3 motors fail. Thus, hazard rate per kilometer per unit will be:


$$\lambda(20000) = \frac{3}{196} \times \frac{1}{1000} = 0.000015 \text{ per kilometer}$$

Note: Often, $h(t)$ is used in notation for hazard rate instead of $\lambda(t)$. Also, most reliability literature refers hazard rate as failure rate.


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Maintainability




- **Maintainability is probability that a failed system will be repaired within a given time, once it has failed, when maintenance is performed by qualified personnel using specified procedure and resources.**
- **If we say there is a 98% probability that a vehicle is repaired within 8 hours, we can say that $M(8)=0.98$.**
- **Maintainability can be measured with Mean Time To Repair (MTTR). MTTR is average repair time and is given by**

$$MTTR = \frac{\text{Total Maintenance Down Time}}{\text{Total Number of Maintenance Actions}}$$

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Availability

- **Availability can be considered as fraction of time that a system is usable.**
- **As per MIL-Std-721: Availability is a measure of the degree to which an item is in an operable and committable state at the start of a mission when the mission is called for at an unknown (random) time. (Item state at start of a mission includes the combined effects of the readiness-related system R & M parameters, but excludes mission time)**
- **Inherent or Steady State Availability A_I**

$$A_I = \frac{MTBF}{MTBF + MTTR}$$


A more general formula,

$$A = \frac{\text{Average Uptime}}{\text{Average Uptime} + \text{Average Downtime}}$$

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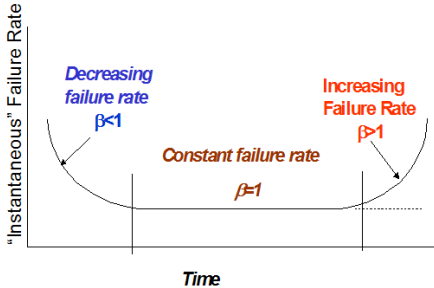
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Introduction to Life Data Analysis



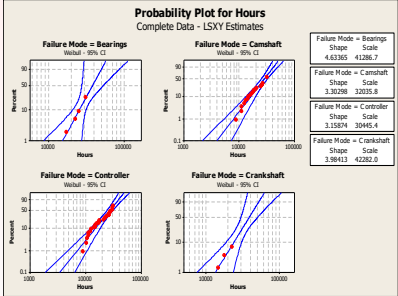
Decreasing
failure rate
 $\beta < 1$

Increasing
Failure Rate
 $\beta > 1$

Constant failure rate
 $\beta = 1$

"Instantaneous" Failure Rate

Time




Probability Plot for Hours
Complete Data - LSXY Estimates

Failure Mode = Bearings	Shape	Scale
	4.63365	41266.7
Failure Mode = Camshaft	Shape	Scale
	3.30789	32039.8
Failure Mode = Controller	Shape	Scale
	2.15578	39465.4
Failure Mode = Crankshaft	Shape	Scale
	3.98113	42262.0

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Modeling Non-repairable systems


- **Analysis of repairable and non-repairable systems require different treatment**
- **Usually, life data of non-repairable systems can be modeled using some of the probability distributions. These include:**
 - Weibull, Exponential, Lognormal, Normal, Extreme Value
 - Unlike other quality data, life data does not usually fit normal distribution
 - Weibull is one of the most widely applicable distributions to fit life data and can model life data in various phases of product life cycle
 - Exponential and Lognormal are other useful distributions to model reliability data
- **Distributions for discrete variables:**
 - Binomial distribution
 - Poisson Distribution

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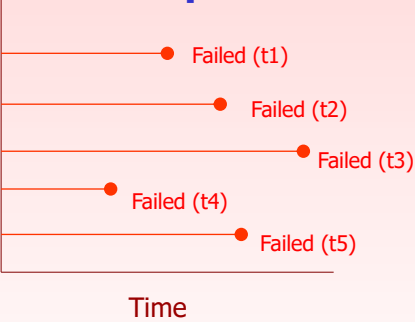
 **Complete and Incomplete Data**

- **Manufacturing Quality data is complete!**
- **Unfortunately, most life data is “incomplete” i.e. some parts have failed and many have not failed.**
- **Reliability Engineering Analysis offers methods to handle incomplete life data**

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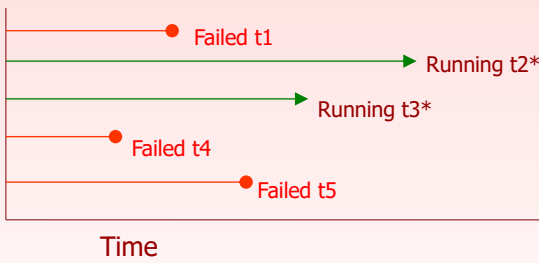
 **Complete Data**



Exact time of all failures are known!

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The diagram shows five horizontal lines representing the life of five units. The x-axis is labeled 'Time'. The first line has a red dot labeled 'Failed t1'. The second line has a green arrow labeled 'Running t2*'. The third line has a green arrow labeled 'Running t3*'. The fourth line has a red dot labeled 'Failed t4'. The fifth line has a red dot labeled 'Failed t5'.

Right Censored data

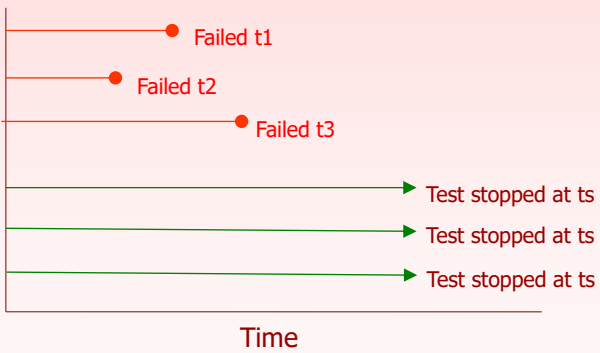
- **Failure times of some of the units are not known!**
- **This is often the case with warranty failures of critical items!**

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The diagram shows five horizontal lines representing the life of five units. The x-axis is labeled 'Time'. The first three lines have red dots labeled 'Failed t1', 'Failed t2', and 'Failed t3' respectively. The last three lines have green arrows labeled 'Test stopped at ts'.

Right Censored data

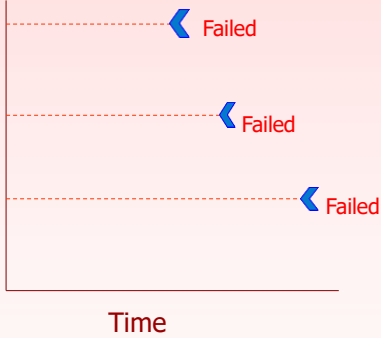
Sometimes a time terminated test is conducted and is stopped at predecided time. In that case, test time of items which did not fail could be same.

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The diagram shows a vertical axis and a horizontal axis labeled 'Time'. Three horizontal dashed lines represent different time points. Each line has a blue arrow pointing left towards the word 'Failed', indicating that the failure occurred at an unknown time before the observation period began.

Left Censored data

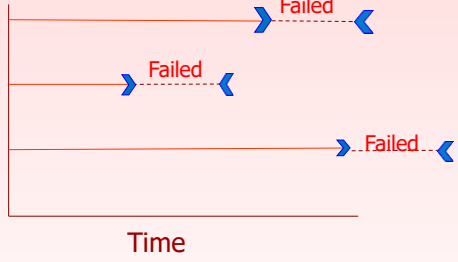
In left censored data, exact time to failure is not known but it falls within a known time range from start time.

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The diagram shows a vertical axis and a horizontal axis labeled 'Time'. Three horizontal lines represent different time intervals. Each line has a blue arrow pointing right and another blue arrow pointing left, with the word 'Failed' in the middle, indicating that the failure occurred at an unknown time within a specific observation interval.

Interval Censored data

Exact time to failure is not known but failure occurred within a known time range

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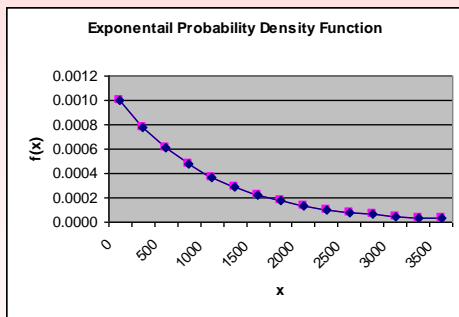
Time and failure Censored Data

- Time censored data is also called **Type I censored**. Time censoring is more common in practice. When items are tested for a time period and test is stopped after specified time, the data is type I censored. Time censoring is more common in practice
 - For example, 10 units are being tested. Three units fail at 10, 28 and 62 hours. Test is suspended after 100 hours.
- Data is **Type II Censored** if test is stopped when specified number of failures have occurred.

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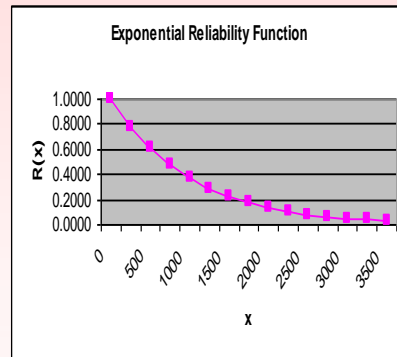


Exponential Distribution



$$f(t) = \lambda e^{-\lambda t} = \frac{1}{\theta} e^{-\frac{t}{\theta}}$$

Probability density function



$$R(t) = e^{-\lambda t} = e^{-\frac{t}{\theta}}$$

Cumulative Probability function

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Exponential Distribution

Example 1 :

A component has constant failure rate with mean time to failure of 500 hours. What is its reliability at 375 hours?

$$R(t) = e^{-\lambda t} = e^{-\frac{t}{\theta}} = e^{-\frac{375}{500}} = 0.4724$$

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Two Parameter Weibull Distribution

In many cases, location parameter δ is 0.

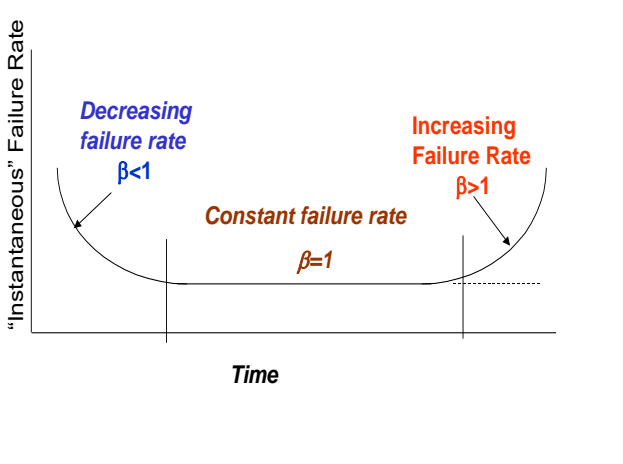
The equation reduces to two parameter Weibull,

$$R(t) = e^{-\left(\frac{t}{\eta}\right)^\beta}$$

What happens to the equation for $\beta=1$ that is constant failure rate?

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Weibull Shape Parameter



The graph plots "Instantaneous" Failure Rate on the y-axis against Time on the x-axis. It shows a curve that starts high and decreases (labeled "Decreasing failure rate" with $\beta < 1$), then levels off into a horizontal line (labeled "Constant failure rate" with $\beta = 1$), and finally increases (labeled "Increasing Failure Rate" with $\beta > 1$).

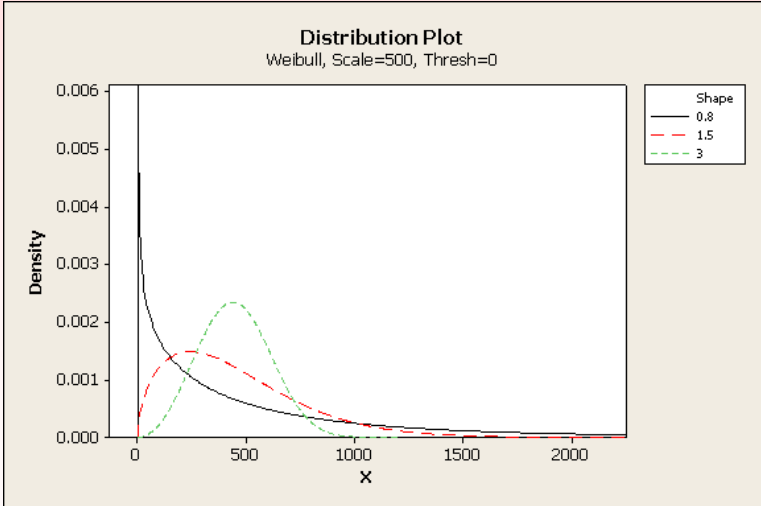
Depending on the shape parameter, Weibull can be used to model life data for all 3 phases

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Weibull Distribution



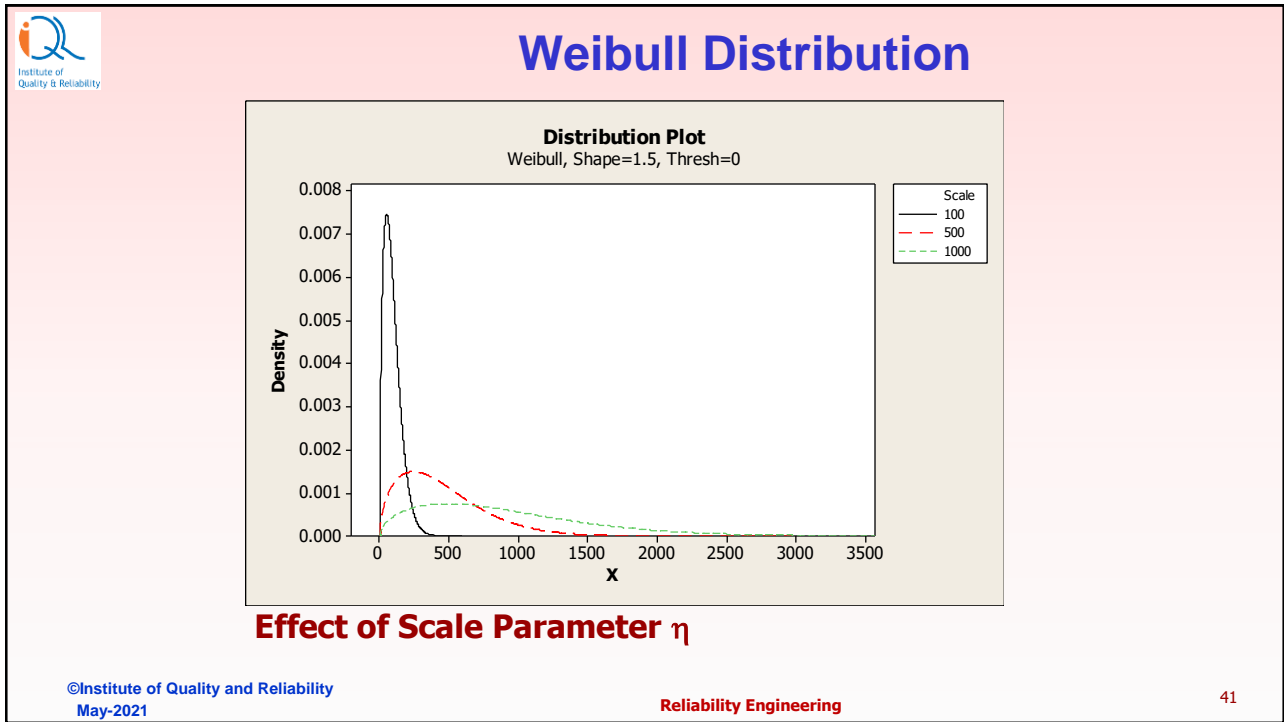
The plot is titled "Distribution Plot" with parameters "Weibull, Scale=500, Thresh=0". The y-axis is "Density" (0.000 to 0.006) and the x-axis is "x" (0 to 2000). A legend indicates three curves for Shape parameters: 0.8 (solid black), 1.5 (dashed red), and 3 (dashed green). The curve for $\beta = 0.8$ is the highest and narrowest, peaking near x=0. The curve for $\beta = 1.5$ is broader and peaks at a higher x value. The curve for $\beta = 3$ is the broadest and peaks at the highest x value.

Effect of Shape Parameter β

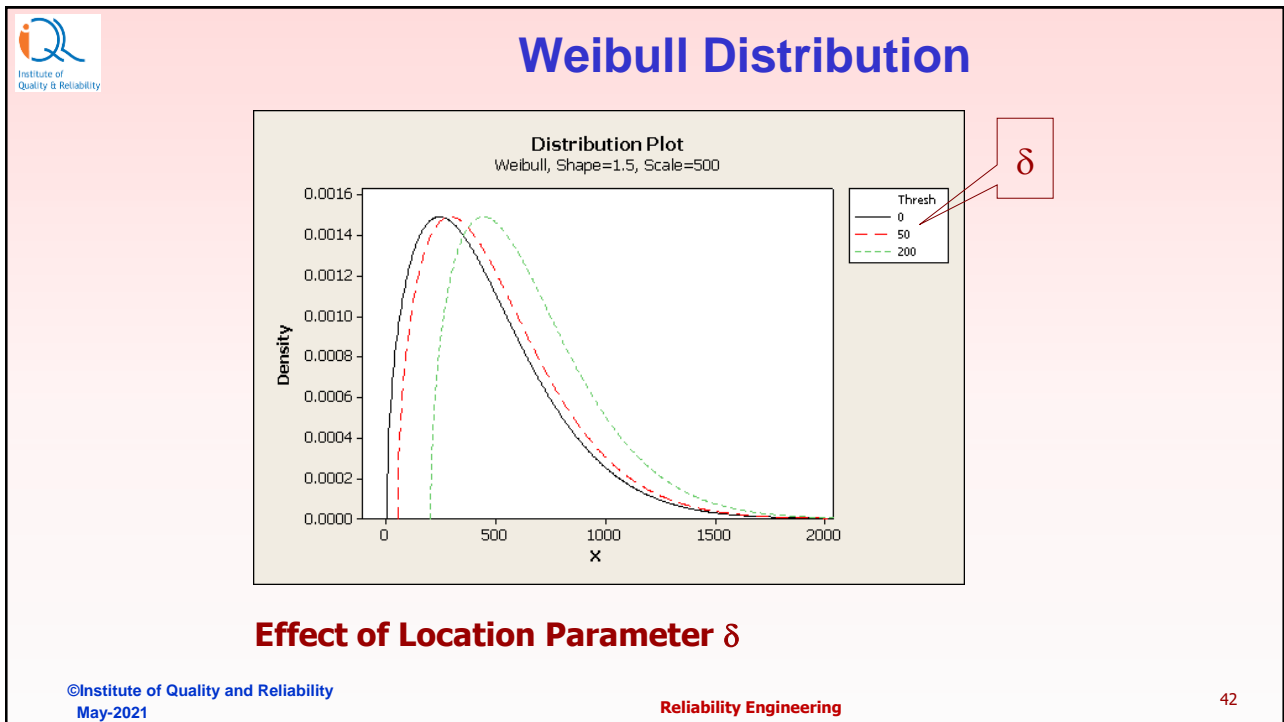
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Weibull Distribution Application

Example 1 : Leakage at front oil seal in a system exhibits Weibull distribution with characteristic life of 1500 hours. The shape parameter is 0.75. What is its reliability at 500 hours? What % of seals should we expect to leak by 1000 hours?


$\eta = 1500, \beta = 0.75$
 For $t = 500$ hours,
 $R(500) = e^{-\left(\frac{t}{\eta}\right)^\beta} = e^{-\left(\frac{500}{1500}\right)^{0.75}} = 0.6449$

For $t = 1000$ hours, $F(1000) = 1 - R(1000) = 1 - e^{-\left(\frac{1000}{1500}\right)^{0.75}} = 0.5218$

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Probability Plotting

- **Probability plotting is useful to**
 - Assess which distribution best models the failure data
 - Estimate distributions parameter (shape parameter and characteristic life in case of Weibull)
- **We can plot life data on “probability papers”**
 - These are available for Weibull, Normal etc.
 - Forms and related information available free on <http://www.weibull.com/>
- **Probability papers can be used when data is independently and identically distributed. This is usually the case of non-repairable systems but may not be the case for repairable systems**

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Probability Plotting on Weibull Paper

$$R(t) = e^{-\left(\frac{t}{\eta}\right)^\beta}$$

$$1 - F(t) = e^{-\left(\frac{t}{\eta}\right)^\beta}$$

$$\frac{1}{1 - F(t)} = e^{\left(\frac{t}{\eta}\right)^\beta}$$

$$\ln \left[\frac{1}{1 - F(t)} \right] = \left(\frac{t}{\eta}\right)^\beta$$

$$\ln \ln \left[\frac{1}{1 - F(t)} \right] = \beta \ln t - \beta \ln \eta$$

Link to video on Probability Plotting:
<https://www.youtube.com/watch?v=dsuLVS2yQ4U&t=744s>


This is a straight line
of the form
 $Y=mX+c$

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Probability Plotting of Complete data

- Rank the data of failed as well as censored in ascending order of failure time
- Calculate Median Rank for each (j^{th}) failed item


$$r_j = \frac{j - 0.3}{(n + 0.4)}$$
- Plot on probability paper
- Assess the fit and calculate the parameter if reasonable fit
 - **Exact fit is never possible**
- Comparison of before and after corrective action, two or more suppliers, two or more processes is possible using probability plots

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Probability Plotting Example: Complete Data


- 20 sample switches were tested in the laboratory. Cycles to failure was recorded. Data is shown in the following table.

	367	1585	934	602	324	78	2345	2174	445	2953
Time	225	654	1162	9	2163	464	3058	5024	620	328

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Probability Plotting Example: Complete Data

Sort the data and calculate median rank and plot the data on Weibull Probability Paper

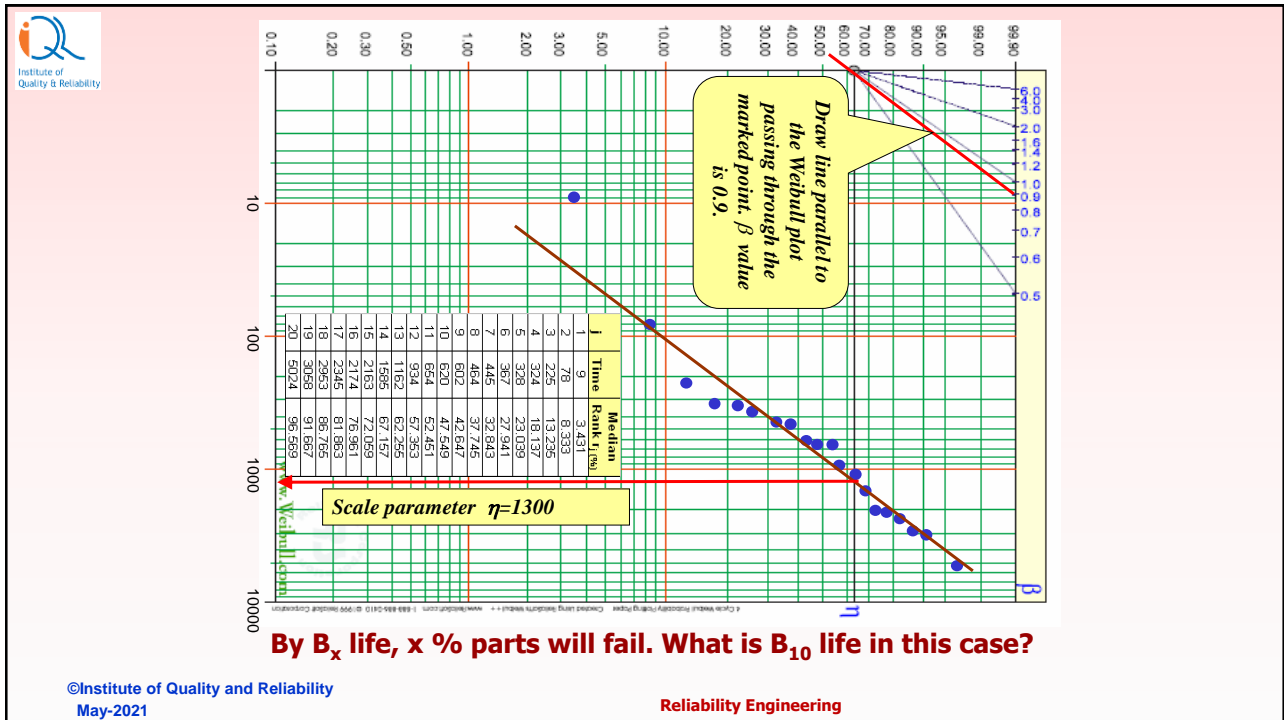
$$r_j = \frac{j - 0.3}{(n + 0.4)}$$

j	Time	Median Rank r_j (%)
1	9	1.431
2	78	1.333
3	225	3.235
4	324	8.137
5	328	3.039
6	367	7.941
7	445	2.843
8	464	7.745
9	602	2.647
10	620	7.549
11	654	2.451
12	934	7.353
13	1162	2.255
14	1585	7.157
15	2163	2.059
16	2174	6.961
17	2345	1.863
18	2953	6.765
19	3058	1.667
20	5024	6.569

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Probability Plotting of Incomplete Right Censored data

- Rank the data of failed as well as censored in ascending order of failure time
- Calculate Median Rank for each failed item
- Plot on probability paper
- Assess the fit and calculate the parameter if reasonable fit
 - Exact fit is never possible
- Comparison of before and after corrective action, two or more suppliers, two or more processes is possible using probability plots

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Working With Censored Data

Calculate only for failed items!

$$\text{Rank_increment} = \frac{(n+1) - \text{previous_rank}}{1 + \text{units_at_risk}}$$

$$\text{New_rank} = \text{previous_rank} + \text{rank_increment}$$

$$r_i = 100 \times \frac{i - 0.3}{n + 0.4}$$


Sr. No	Hours	Status	Formula	Rank Increment	i (Mean Order number)	Median Rank r_i %
1	150	Failed	$(11-0)/(1+10)$	1	1	6.7%
2	340	Censored				
3	560	Failed	$(11-1)/(1+8)=1.111$	1.1111	2.111	17.4%
4	800	Failed	$(11-2.111)/(1+7)$	1.1111	3.222	28.1%
5	1130	Censored				
6	1720	Failed	$(11-3.222)/(1+5)$	1.2963	4.5185	40.6%
7	2470	Censored				
8	4210	Censored				
9	5230	Failed	$(11-4.518)/(1+2)$	2.1660	6.6845	61.4%
10	6890	Censored				

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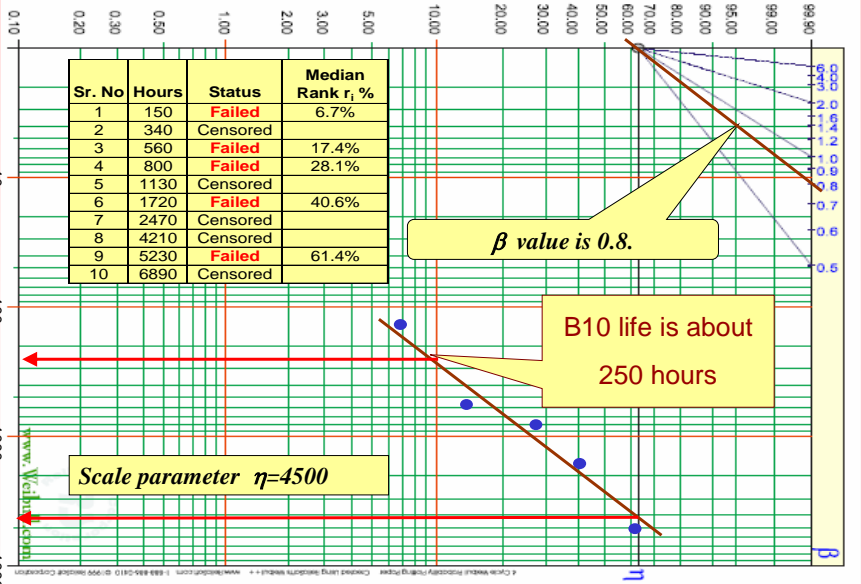
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Weibull Probability Plot


Sr. No	Hours	Status	Median Rank r_i %
1	150	Failed	6.7%
2	340	Censored	
3	560	Failed	17.4%
4	800	Failed	28.1%
5	1130	Censored	
6	1720	Failed	40.6%
7	2470	Censored	
8	4210	Censored	
9	5230	Failed	61.4%
10	6890	Censored	



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Fault Tree Analysis (FTA), and Failure Mode Effects Analysis (FMEA) Load Strength Interference

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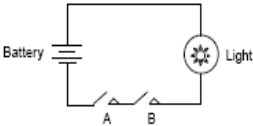
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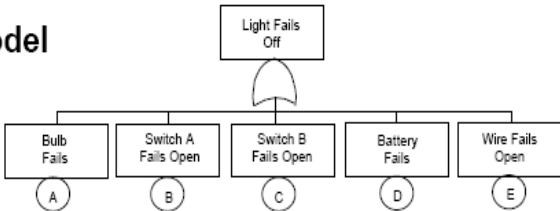
FTA Example 1

System



System Undesired Event: *Light Fails Off*


FT Model



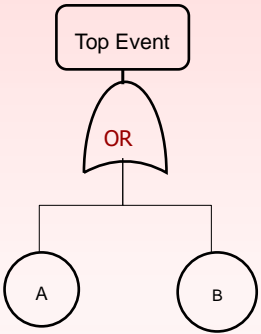
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Reliability in Design and Engineering

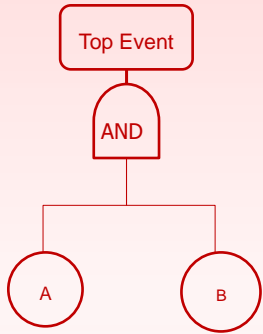
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Probability calculations



$P(\text{top event})=P(A)+P(B)-P(A).P(B)$




$P(\text{top event})=P(A).P(B/A)$
If the events are independent, then $P(A/B)=P(A). P(B)$

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What is an FMEA?

- **FMEA is a technique for risk assessment prior to release of design, process or service!**
- **It is a cross functional team exercise to list out:**
 - **Potential failure modes**
 - **Causes of these failure modes**
 - *Severity of these failure modes*
 - *Probability (chance) of occurrence*
 - *Probability of detection in the event of occurrence*


These three are quantified as numbers between 1 to 10. Multiplication of the three numbers is **Risk Priority Number**

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Potential Failure Mode and Effects Analysis

<file:///C:/Users/Hemant/OneDrive/Six%20Sigma%20CD/Templates/DFMEA%20form%204th%20edition.xls>

___ System (Design FMEA)

___ Subsystems FMEA Number : _____

___ Component : Design Responsibility : _____ Prepared by : _____

Model Year / Key Date : _____ \ Date (Orig.) : _____ (Rev.) : _____

Vehicle (s) : _____

Core Team : _____


Item / Function	Requirements	Potential Failure Mode	Potential Effects of Failure	Severity	Class	Potential Causes / Mechanisms of Failure	Current Design Controls Prevention	Occurrence	Current Design Controls Detection	Detect	R.P.N.	Recommended Actions	Responsibility & Target Completion Date	Action results					
														Actions Taken	Severity	Occur	Detection	R.P.N.	

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DFMEA Severity Evaluation Criteria

Effect	Criteria: Severity of Effect on Product (Customer Effect)	Rank
Failure to Meet Safety and/or Regulatory Requirements	Potential failure mode affects safe vehicle operation and/or involves noncompliance with government regulation <i>without</i> warning.	10
	Potential failure mode affects safe vehicle operation and/or involves noncompliance with government regulation <i>with</i> warning.	9
Loss or Degradation of Primary Function	Loss of primary function (vehicle inoperable, does not affect safe vehicle operation).	8
	Degradation of primary function (vehicle operable, but at reduced level of performance).	7
Loss or Degradation of Secondary Function	Loss of secondary function (vehicle operable, but comfort/ convenience functions inoperable).	6
	Degradation of secondary function (vehicle operable, but comfort/ convenience functions at reduced level of performance).	5
Annoyance	Appearance or Audible Noise, vehicle operable, item does not conform and noticed by most customers (>75%)	4
	Appearance or Audible Noise, vehicle operable, item does not conform and noticed by many customers (50%)	3
	Appearance or Audible Noise, vehicle operable, item does not conform and noticed by discriminating customers (<25%)	2
No effect	No discernible effect	1

(Reference AIAG FMEA Manual, Fourth Edition)

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Reliability in Design and Engineering

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DFMEA: Occurrence Ranking

Likelihood of Failure	Criteria: Occurrence of Cause - DFMEA (Design life/reliability of item/vehicle)	Criteria: Occurrence of Cause - DFMEA (Incidents per items/vehicles)	Rank
Very High	New technology/new design with no history.	≥100 per thousand ≥1 in 10	10
High	Failure is inevitable with new design, new application, or change in duty cycle/operating conditions.	50 per thousand 1 in 20	9
	Failure is likely with new design, new application, or change in duty cycle/operating conditions.	20 per thousand 1 in 50	8
	Failure is uncertain with new design, new application, or change in duty cycle/operating conditions.	10 per thousand 1 in 100	7
Moderate	Frequent failures associated with similar designs or in design simulation and testing.	2 per thousand 1 in 500	6
	Occasional failures associated with similar designs or in design simulation and testing.	.5 per thousand 1 in 2000	5
	Isolated failures associated with similar designs or in design simulation and testing.	.1 per thousand 1 in 10,000	4
Low	Only isolated failures associated with almost identical design or in design simulation and testing.	.01 per thousand 1 in 100,000	3
	No observed failures associated with almost identical design or in design simulation and testing.	≤.001 per thousand 1 in 1,000,000	2
Very Low	Failure is eliminated through preventive control.	Failure is eliminated through preventive control.	1

(Ref: AIAG FMEA Manual, Fourth edition)



Criteria for Detection Rating

Opportunity for Detection	Criteria: Likelihood of Detection by Design Control	Rank	Likelihood of Detection
No detection Opportunity	No current design control; Cannot detect or is not analyzed	10	Almost Impossible
Not likely to detect at any stage	Design analysis/detection control have a weak detection capability; Virtual Analysis (e.g., CAE, FEA, etc.) is <i>not correlated</i> to expected actual operating conditions.	9	Very Remote
Post Design Freeze and prior to launch	Product verification/validation after design freeze and prior to launch with <i>pass/fail</i> testing (Subsystem or system testing with acceptance criteria such as ride and handling, shipping evaluation, etc.)	8	Remote
	Product verification/validation after design freeze and prior to launch with <i>test to failure</i> testing (Subsystem or system testing until failure occurs, testing of system interactions, etc.)	7	Very Low
	Product verification/validation after design freeze and prior to launch with <i>degradation</i> testing (Subsystem or system testing after durability test, e.g., function check).	6	Low
Prior to Design Freeze	Product verification (reliability testing, development or validation tests) prior to design freeze using <i>pass/fail</i> testing (e.g., acceptance criteria for performance, function checks, etc.)	5	Moderate
	Product verification (reliability testing, development or validation tests) prior to design freeze using <i>test to failure</i> (e.g. until leaks, yields, cracks, etc.)	4	Moderately High
	Product verification (reliability testing, development or validation tests) prior to design freeze using <i>degradation</i> testing (e.g., data trends, before/after values, etc.)	3	High
Virtual Analysis Correlated	Design analysis/detection control have a strong detection capability. Virtual analysis (e.g., CAE, FEA, etc.) is highly correlated with actual or expected operating conditions prior to design freeze.	2	Very high
Detection not applicable; Failure Prevention	Failure cause or failure made can not occur because it is fully prevented through design solutions (e.g., proven design standard, best practice or common material, etc.)	1	Almost Certain

(Reference : AIAG FMEA Manual 4th Edition):

Understanding Actionable Root cause

What should we consider 'root cause' depends on the level of DFMEA, sometimes called window of consideration.

Why did the workers get injured?

- ↳ Slab collapsed
- ↳ Concrete mix incorrect
- ↳ Supervisor forgot count
- ↳ He got a call from friend!


Which is the root cause? What action can be initiated? How does root cause relate to the level of FMEA?

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Deterministic approach to design

Load (stress) **Strength**



Factor of safety


$$\frac{\text{Strength}}{\text{stress}}$$

Design Margin

$$\text{Strength} - \text{Stress}$$

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Load Strength Interference

- **Load could be mechanical stress, temperature, voltage**
- **Strength could be any resisting physical property:**
 - **Hardness, Strength, Melting point, adhesion**

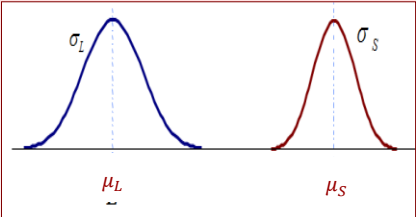
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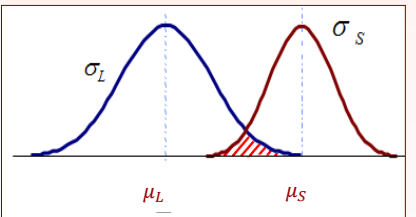
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Load Strength Interference



- **High design margin**
- **High factor of safety**
- **Low chance of failures**



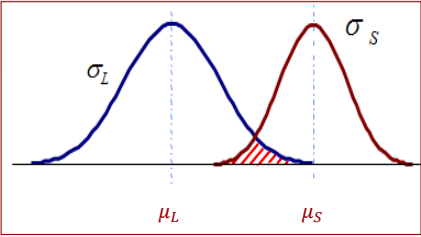
- **Low design margin**
- **Low factor of safety**
- **High chance of failures**

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Load Strength Interference: Analytical Approach



In case both stress and strength are normally distributed, We model the joint distribution of the difference.

$$\mu_{combined} = \mu_S - \mu_L$$

$$\sigma_{combined} = \sqrt{(\sigma_S^2 + \sigma_L^2)}$$

When strength exceeds stress, difference (strength-stress) will be greater than zero! Thus, we need to find probability that this difference is greater than zero. This can be done by calculating Z-score or by using Microsoft Excel. Thus:


$$Z = \frac{0 - (\mu_S - \mu_L)}{\sqrt{\sigma_S^2 + \sigma_L^2}} = \frac{(\mu_L - \mu_S)}{\sqrt{\sigma_S^2 + \sigma_L^2}}$$

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Introduction to Design of Experiments

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Conventional approach to Experimentation:

- **OFAT:**
 If we want to evaluate effects of various factors on output, we usually vary One Factor At a Time.
 - This is ‘OFAT’ approach
- **Disadvantages of OFAT:**
 - Will not know interaction of various factors with each other
 - Interaction means effect of a factor depends on setting of the other factor
 - We can miss the optimum setting of the factors to get best results

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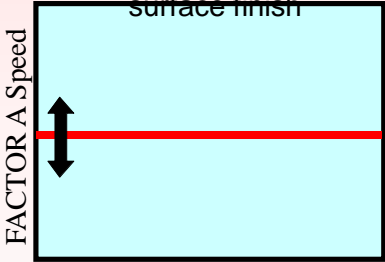
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Consequences of OFAT.....

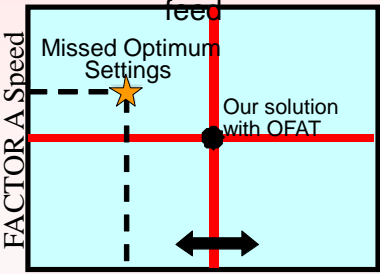
First Find Speed for best
surface finish



FACTOR A Speed

FACTOR B Feed

Then Find Speed for best
feed




FACTOR A Speed

FACTOR B Feed

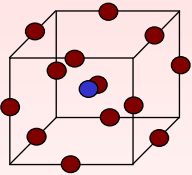
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 **Statistically Designed Experiments**

- Less testing and More learning
- Interactions can be evaluated
- We can find optimum settings to get the best from the process



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 **The card experiment!**

- We will play a simple game to understand DOE!
- We want to drop cards on target!
- Cost is inversely proportional to height from which we drop cards!
- Identify two factors critical for this process.
- Your instructor will facilitate the experiment and analysis to understand DOE basics
- You will need a measuring tape.
- Analyse the data and interpret




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The card experiment!

- We will perform a simple experiment to understand basic concepts in Design of Experiments!
- Consider that we want to drop cards on target!
- Assume that cost is inversely proportional to height from which we drop cards!
- The two factors identified are Height and Angle or orientation of the cards
- The response in the experiment is deviation from the target on the floor
- We need to use a measuring tape to collect data of deviation from target.




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Example of Cards Dropping

We want to evaluate effects of drop height and card orientation or angle on the deviation from the target. We have identified two factors and two levels as shown in the table below:

Factors	Low Level	High Level
A: Height	4 feet	6 feet
B: Angle	0 degrees	90 degrees

Response: Deviation from the target


This is 2 factor 2 level or 2² experiment



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Possible combinations or 'treatments'


As we can observe, there are four possible combinations of the factors and levels.

Factors	Low Level	High Level
A: Height	4 feet	6 feet
B: Angle	0 degrees	90 degrees


Trial	A:Height	B:Angle
1	6	0
2	6	90
3	4	0
4	4	90

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Experimental Trials



There are two factors, each having two levels. If we want to perform trials at each possible combination of the two factors, we will have 2^2 or four trials! Such an experiment where each possible combination is tried,

Trial	A:Height	B:Angle	Deviation
1	6	0	34
2	6	90	84
3	4	0	35
4	4	90	42

This is 2 factor 2 level or 2^2 experiment


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The card experiment!

Factors	Low Level	High Level
A: Height	4 feet	6 feet
B: Angle	0 degrees	90 degrees

Response: Deviation from the target



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DOE Table

Trial	Height	Angle	Deviation
1	6	0	34
2	6	90	84
3	4	0	35
4	4	90	42


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Reliability Testing Overview



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Test Environments


- **Reliability test program should cover various environmental conditions:**
 - **Temperature**
 - **Humidity**
 - **Vibration**
 - **Shock**
 - **Power input and output**
 - **Dirt**
 - **People**
 - **Electrical Voltage, current**
 - **Magnetic fields**

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Reliability Growth

- During development programs, it is typical for the reliability of a product to be improved by a Test - Analyze - Fix strategy. This is called reliability growth.
- Typical Life Data distributions cannot model reliability growth. We keep on improving the product during development phase by fixing problems.
- J.T. Duane (1964) observed an empirical relationship between cumulative failure rate (usually MTBF) and cumulative time when plotted on log-log paper.

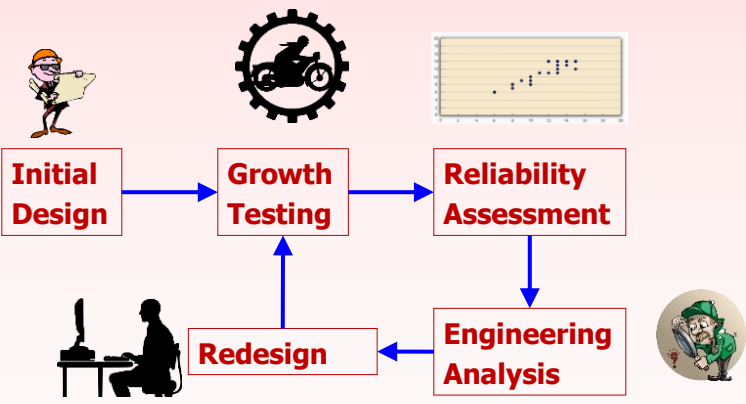
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Reliability Growth Strategy



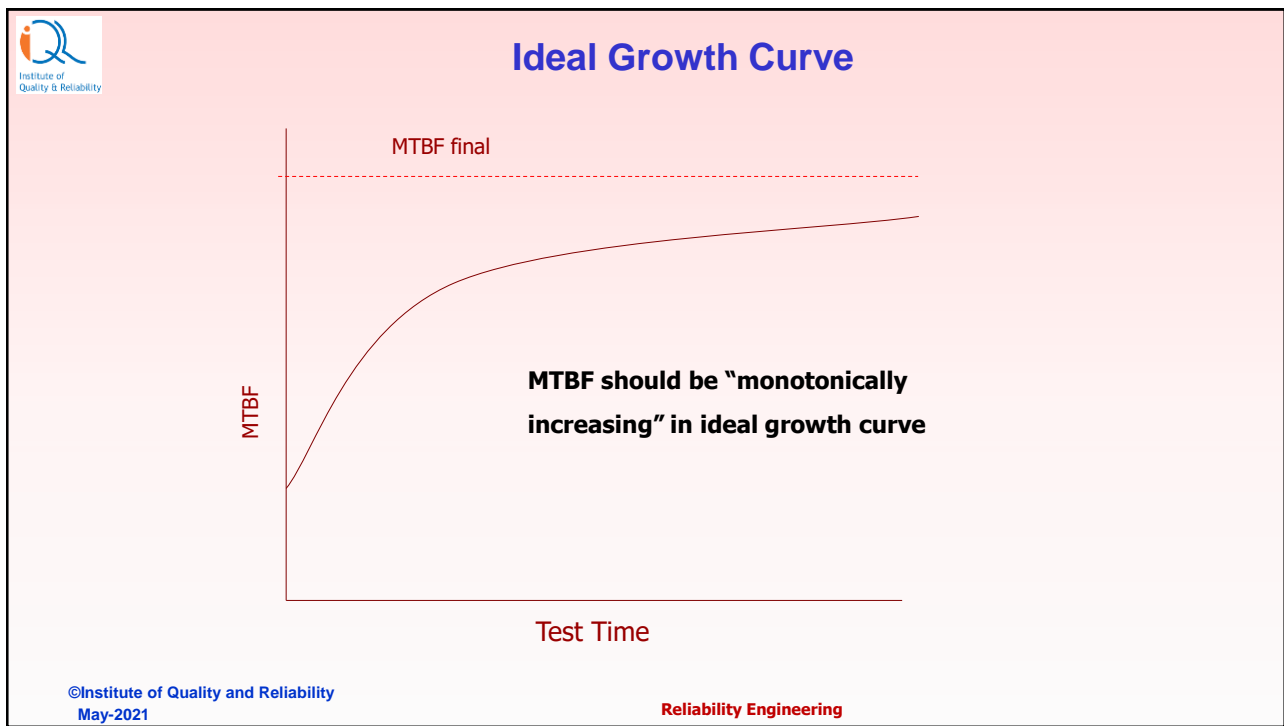
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    graph LR
      A[Initial Design] --> B[Growth Testing]
      B --> C[Reliability Assessment]
      C --> D[Engineering Analysis]
      D --> E[Redesign]
      E --> B
  
```

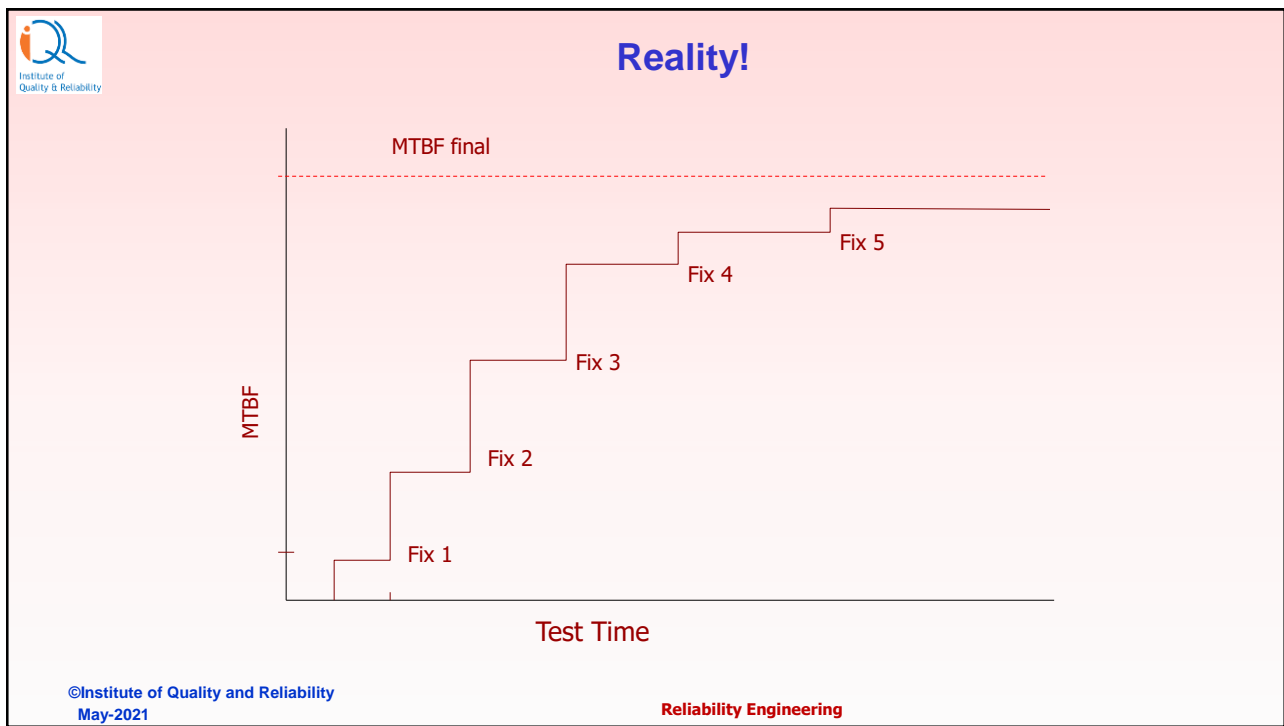
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Reliability Growth Models


- **The Duane Model**
 - Cumulative Test time and Cum MTBF tend to follow straight line when plotted on log-log paper.
 - Link to video:
<https://www.youtube.com/watch?v=3geXHUcxaSA&t=55s>
- **AMSAA Model (Crow AMSAA Model)**
 - Establishes Mathematical Relation

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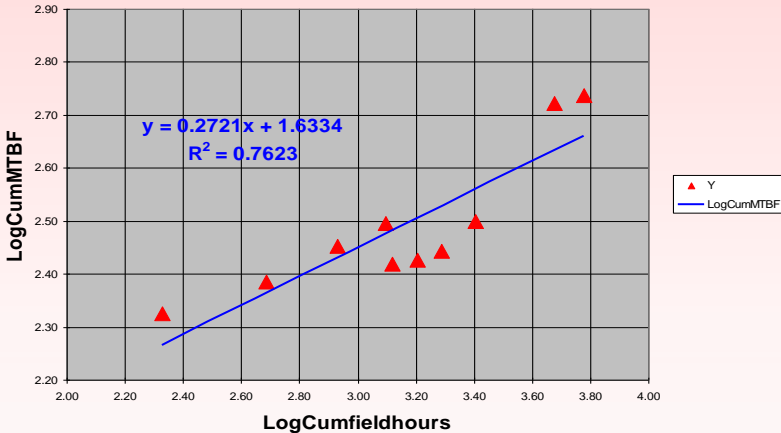
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Duane Model Example




As we can see, data approximately fits in a straight line $y=0.2721x + 1.6334$. Thus slope $m=0.2721$. Value of R^2 indicates how well the data fits on the line. For a perfect fit, $R^2=1$. If $R^2 < 0.3$, fit is very poor. Data in the example is reasonable fit.

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Accelerated Life Testing (ALT)

- **ALT is conducted to draw quicker conclusions**
- **Two approaches:**
 - **Time compression: Testing done more intensely than actual usage**
 - **At higher stress level**

Links to three videos on ALT:

Part-1: <https://www.youtube.com/watch?v=fH9jS9hBnZQ&t=85s>

Part-2: <https://www.youtube.com/watch?v=qyN9yOp4zWg&t=634s>


Part-3: https://www.youtube.com/watch?v=vMEuvF_suIs&t=112s

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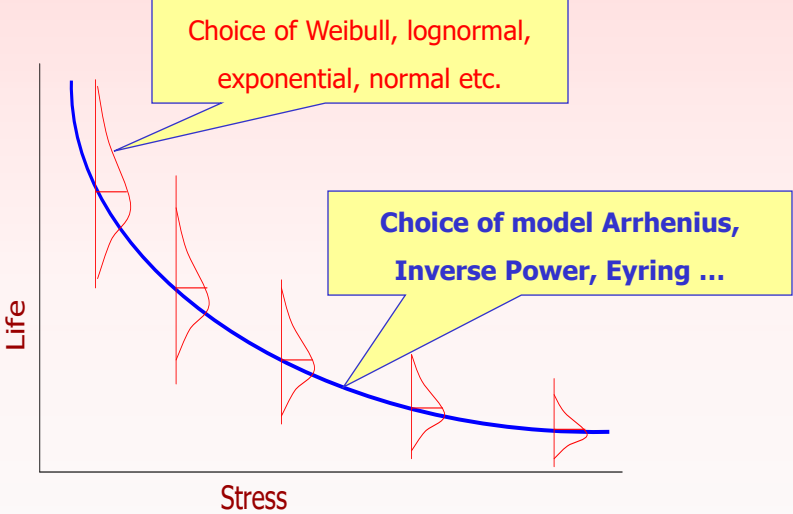
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Choice of ALT Models



Choice of Weibull, lognormal, exponential, normal etc.

Choice of model Arrhenius, Inverse Power, Eyring ...

Life

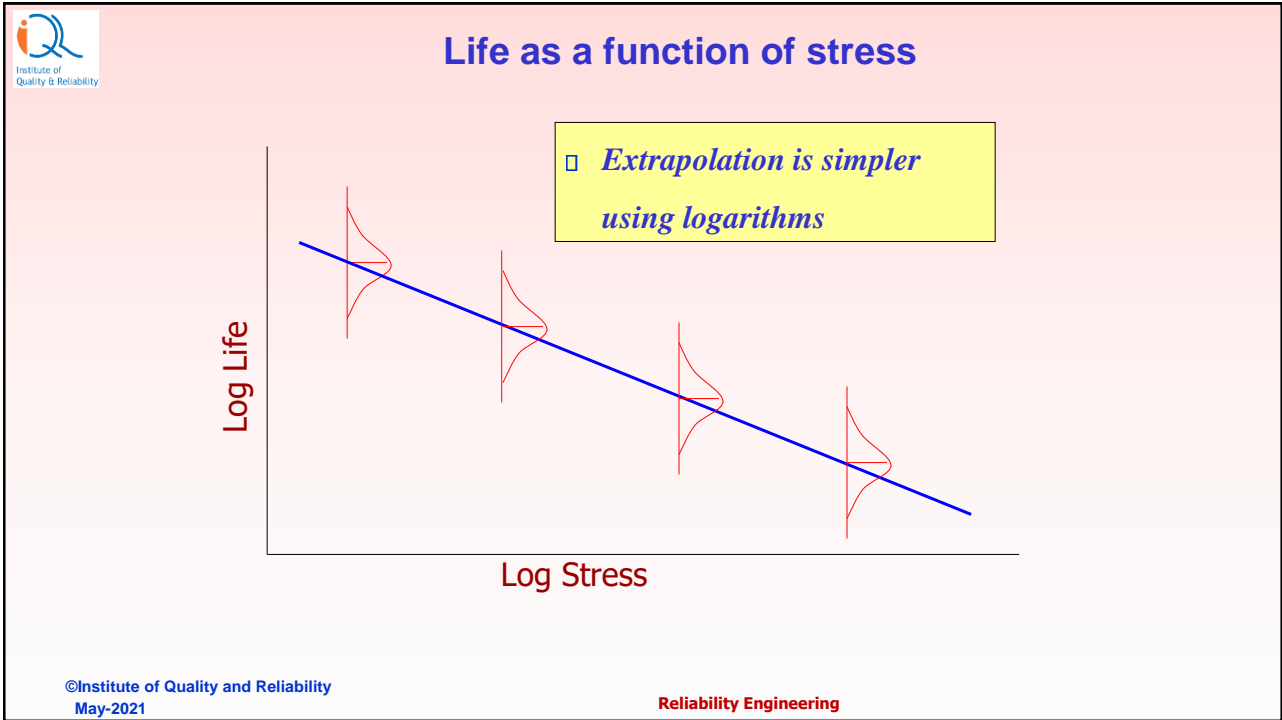
Stress

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Some Models used in ALT


Number of Accelerating variables	Model	When to use	Applications
Single accelerating variable	Arrhenius	Models product life is a function of temperature	Electrical insulations, batteries, solid state semiconductor devices, lubricants and greases, plastics, incandescent lamp filaments
Single variable	Inverse power law or power law	Product Life as accelerating stress	Ball and roller bearings, simple metal fatigue due to mechanical loading, thermal cycling, life of cutting tools as a function of cutting speed,
Single variable	Eyring	Models product life is a function of temperature: based on quantum mechanics	Similar to Arrhenius
Multivariate	Generalized Eyring	When one accelerating variables are temperature and one other variable	Capacitors (temp & voltage), Epoxy packaging: temperature and humidity
Two	Coffin-Manson	Material Cracking as a function of number of cycles and temperature	thermal fatigue, deformation as a function of number of cycles

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Highly Accelerated Life Test (HALT)

- HALT is used to detect (discover) all potential and latent failure modes
- The purpose of HALT is usually not to estimate life at operating conditions but to detect various, latent failure modes that may not get detected in ALT or other tests
- Stress levels in HALT are very high and it is usually difficult or impossible to correlate the time to failure with life at normal operating stress levels
- The objective is to provide valuable feedback to the designers about weaknesses in the design which then can be strengthened to improve reliability
- Thus chances of field failure are reduced
- In traditional ALT, the stress levels are restricted to such an extent that it does not change failure mode of an item during testing

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Highly Accelerated Life Test (HALT)

- HALT is usually performed on design prototypes during product development phase
- Various types of stresses are used in HALT:
 - All axis simultaneous vibrations
 - High rate temperature cycling
 - Power cycling
 - Voltage and frequency variation
 - Humidity
 - Selection of stress level for HALT is in important consideration
- As stress levels are very high, failure modes that would result due to temperature may sometimes get surfaced due to vibrations! Thus the stress level is not important but the failure mode is.

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Environmental Stress Screening (ESS)


- ESS is used to remove hidden manufacturing defects which would otherwise reach customer and result in failures. (latent defects)
- ESS tests would trigger failures which are typical of burn-in period (and not of full life)
- The stress levels must be determined by the design team so that no permanent damage is done to the parts
- ESS is most commonly used in electronic parts in case of failure modes such as parameter drift, short or open PCBs, cold solder, defective parts etc.
- Various studies have indicated that thermal cycles and random vibration is the most effective
- Various types of stresses include Voltage, Vibration, thermal cycles, power cycles.
- Validation of stress levels is important for success of ESS. These are determined by 'proof-of screen' (POS) test. In POS tests, the ESS cycle is repeated large number of times, for example, 20 times. Failure in POS must be thoroughly investigated and confirmed that it is due to defective component or process.

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Evolution of ESS


- Accumulation of field failure data after world war II showed that design compliance was necessary but not sufficient evidence of reliability
- It also led to a discovery that numerous unpredictable factors involved in parts design, product workmanship and manufacturing processes were contributing to failure rates. Early application of ESS was in the form of thermal cycles coupled with low frequency vibration
- Later concept of 'Mission Profile' was developed in which products were tested for simulated actual use conditions. This led to the conclusion that product fail when subjected to multiple temperature cycles (thermal cycling). This was the basis for ESS.
- Thermal cycling precipitated field failure at much shorter time and was far more effective than burn-in.

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Highly Accelerated Stress Screening


- Highly Accelerated Stress Screening (HASS) is actually a technique used for screening of units under production that are likely to fail during the burn in period.
- HASS uses stress levels obtained from HALT
- It is expected that HASS will detect defective units but will not affect the good defect-free units
- The stress levels (often temperature) and the rate of cyclic changes in stress levels, both are important
- Validation of stress levels is extremely critical for success of HASS. These are determined by 'proof-of screen' (POS) test. In POS tests, the HASS cycle is repeated large number of times, for example, 20 times.
- Thus if HASS has 10 cycles, POS test will be conducted for 200 cycles. Obviously, no failure should occur in good pieces.
- Observation of failure in POS does not necessarily mean defective piece. Thorough investigation for the cause of failure is essential.

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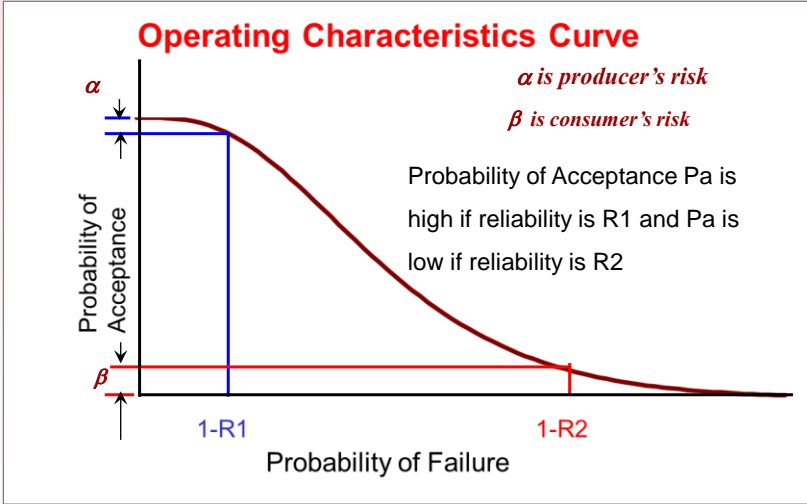
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Operating characteristics of Sampling plan

Objective is to demonstrate that system reliability at given time T is R1

Operating Characteristics Curve




α is producer's risk
 β is consumer's risk
 Probability of Acceptance P_a is high if reliability is R1 and P_a is low if reliability is R2

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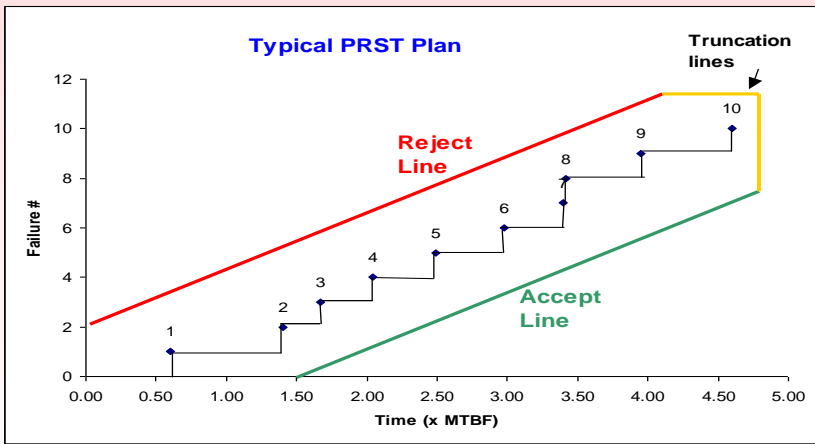
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PRST plans




Typical PRST Plan

The graph plots Failure # (0 to 12) against Time (x MTBF) (0.00 to 5.00). A red line represents the 'Reject Line' and a green line represents the 'Accept Line'. A step function shows the number of failures over time, with points labeled 1 through 10. A yellow box highlights the 'Truncation lines' at the end of the test (Time = 5.00).


PRST plans will accept material with high MTBF or reject material when very low MTBF quickly compared to Fixed length plans with similar risks and discrimination ratios.

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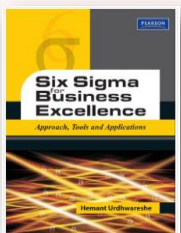

About Hemant Urdhwareshe



Fellow of ASQ







- Mechanical Engineer with total 43 years of Industry Experience
 - 28 years at Cummins India as Head of Quality, Reliability and Engineering
 - 15 years as
- Fellow of American Society for Quality
- Recipient of Qimpro Foundation Silver Standard 2003 and DL Shah-QCI Quality Champion Silver Award 2018
- First ASQ Certified Six Sigma Master Black Belt in India with total six ASQ Certifications
- Author of "Six Sigma for Business Excellence" and co-author of "Total Quality Management"





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About Hemant Urdhwareshe



- Hemant Urdhwareshe is Director, Institute of Quality and Reliability (IQR), Pune for the last fifteen years. Through IQR, he has trained about 3000 professionals in Six Sigma and about 5000 professionals in the areas of Reliability and Quality Engineering.
- He has *more than 28 years experience in Cummins India Limited (CIL) as Sr.GM Engineering and Quality*. At CIL, he led Reliability Functional Excellence and was actively involved in Process Six Sigma and DFSS programs. He has led and sponsored many Six Sigma and DFSS projects.
- He is certified by American Society for Quality (ASQ) as Reliability Engineer, Six Sigma Master Black Belt (CMBB), Quality Engineer and Quality Manager. He is the first person in India to get certified as CMBB from ASQ with 6 ASQ certifications
- Hemant was honoured with *Qimpro Foundation Silver Standard Award 2003* and DL Shah-QCI Quality Champion Award 2018.
- Hemant has conducted numerous programs for reputed companies such as Ashok Leyland, Tata Motors, M&M, Fleetguard, ARAI, American Society for Quality (ASQ), Alfa Laval, Sandvik, Satyam Computers, Taco, DGP Hinoday, Menon Pistons, College of Engineering, Pune etc.
- He has also conducted public programs in Six Sigma, Reliability Engineering, FMEA, Statistical Process Control, Geometric Dimensioning and Tolerancing etc.
- Hemant was a panel member of Lean Six Sigma Awards instituted by Symbiosis Center for Management and Human Resource Development (SCMHRD)
- He is a Mechanical Engineer and has postgraduate Diploma in Management from IMDR,Pune.
- Hemant has authored the book 'Six Sigma for Business Excellence: Approach Tools and Applications' and coauthored a book on TQM.
- He can be reached at hemant@world-class-quality.com
- Visit Website <http://world-class-quality.com> for more information

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Reliability Engineering

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Technical Videos from Institute of Quality and Reliability

As on

<https://www.youtube.com/channel/UC9EZWioUA4xzTXT1BH7SFyg>

04-May-21

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SN	Group	Video title	Link	Duration
1	Basic Statistics	Using Casio FX 991 MS Calculator for Statistical Calculations	https://youtu.be/wt7HtT6Q0sM	10:07:00
2	Basic Statistics	Correlation and Regression on Casio fx991-MS Calculator and Excel	https://youtu.be/ufMh8lfZ3YQ	15:09:00
3	Basic Statistics	Central Limit Theorem: Concepts and Simulation	https://youtu.be/Z9l_gmHCW9c	06:06:00
4	Design of Experiments	DOE-1: Introduction to Design of Experiments	https://youtu.be/pTAUA6qXV6E	12:36:00
5	Design of Experiments	DOE-2: Application of Design of Experiments for Spot Welding Process	https://youtu.be/cIXYKynq1-o	13:16:00
6	Design of Experiments	DOE-3: Design of Experiments: Coded and Uncoded values & establishing regression equation	https://youtu.be/W-H8b86zJcl	10:42:00
7	Design of Experiments	DOE-4: Case Study in Design of Experiments to maximize fatigue strength of Crankshaft	https://youtu.be/h6EaP3o4-sU	09:36:00
8	Design of Experiments	DOE-5: Fractional Factorial Designs, Confounding and Resolution Codes	https://youtu.be/MQhf1KFhYCW	13:29:00
9	Design of Experiments	DOE-6: Case Study in Creating Full Factorial Design in Minitab: Optimization of Fatigue Strength	https://youtu.be/d1UNrOKc2g	07:46:00
10	Design of Experiments	DOE-7: Analyse Factorial Design with Minitab: Case Study in Maximizing Fatigue Strength	https://youtu.be/g89Dsxf03U	15:05:00
11	Design of Experiments	DOE-8: Linearity and Orthogonality in Experimental Design	https://youtu.be/60WRlK0HEFE	06:11:00
12	Design of Experiments	DOE-9: Degrees of freedom and Replication	https://youtu.be/ofz8iOx96mw	06:04:00
13	Design of Experiments	DOE-10: Design of Experiments: Terms and Definitions	https://youtu.be/lZyH6Czee1E	09:59:00
14	Design of Experiments	DOE-11: Fractional Factorial Design in Minitab	https://youtu.be/pBLt2V6HRzc	13:50:00
15	Hypothesis Testing	Hypothesis Testing Part-1: Introduction and One-Sample Z-Test	https://youtu.be/tEII7WuOxhQ	19:13:00
16	Hypothesis Testing	Hypothesis Testing Part-2: One Sample t-test, t-distribution, Degrees of Freedom and P-Value	https://youtu.be/euzzQU3n0UU	18:27:00
17	Hypothesis Testing	Hypothesis Testing Part-3: Two Sample t-test with tables and using Excel	https://youtu.be/yavwQ0BCf48	16:11:00
18	Hypothesis Testing	Hypothesis Testing Part-4: The Paired t-test	https://www.youtube.com/watch?v=-BrwdD40YBIs&t=12s	12:24:00
19	Hypothesis Testing	Hypothesis Testing Part-5: Chi-square test of one-variance	https://www.youtube.com/watch?v=sIG9oKQR-Gc	07:44:00
20	Hypothesis Testing	Hypothesis Testing Part-6: Chi-quare Test Contingency Tables	https://www.youtube.com/watch?v=4VkUrraqN24	16:10:00
21	Hypothesis Testing	Hypothesis Testing Part-7: One and Two-proportion Tests	https://youtu.be/KgpZGsgnTHY	15:49:00
22	ANOVA	ANOVA Part-1: Introduction, Concepts and F-Test	https://youtu.be/HnjK_PgrHQY	14:37:00
23	ANOVA	ANOVA Part-2: Partitioning Sum of Squares	https://youtu.be/XuPkDgGj_-8	13:11:00
24	Life Data Analysis	Life Data Analysis of complete data using Minitab software	https://youtu.be/JuQ_AEtj1vE	08:37:00
25	Life Data Analysis	Lognormal distribution, Concepts and Applications	https://youtu.be/rLlv1k_PxUOE	12:03:00
26	Life Data Analysis	Life Data Analysis of Right Censored data using Minitab Software (revised video)	https://youtu.be/wBG9POVWjRc	10:33:00
27	Life Data Analysis	Warranty Data Analysis on Minitab	https://youtu.be/56jmZiWa8yc	14:38:00
28	Life Data Analysis	Weibull Probability Plotting of complete data using median ranks with example	https://youtu.be/dsuLVS2yQ4U	18:07:00
29	Life Data Analysis	Hazard plotting approach and case study to analyse failure data of shock absorbers	https://youtu.be/Ve4skYqVzU0	09:17:00
30	Life Data Analysis	Reliability Analysis of life data with Multiple Failure Modes	https://youtu.be/LhvitUnUHcl	12:33:00
31	Life Data Analysis	Exponential Probability Plotting on Excel	https://www.youtube.com/watch?v=O6jeBV3cTtl&t=67s	09:34:00
32	Probability Distributions	Weibull Distribution Part-1	https://youtu.be/dxwlyZ-8_GM	11:52:00
33	Probability Distributions	Weibull Distribution Part2: Three-Parameter Weibull, B10 life, Characteristic Life	https://youtu.be/WbG5Z7irJu4	12:33:00



Technical Videos from Institute of Quality and Reliability

As on

<https://www.youtube.com/channel/UC9EZWioUA4xzTXT1BH7SFyg>

04-May-21

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SN	Group	Video title	Link	Duration
34	Probability Distributions	Poisson Distribution and its application using formula, tables and Excel	https://youtu.be/LpZvNNgSdZo	10:19:00
35	Probability Distributions	Normal Distribution and Z Score with Application Example	https://youtu.be/WR4-A_zVK28	10:05:00
36	Probability Distributions	Understanding the Chi-square Distribution with simulation	https://youtu.be/IFAZhwOo8Rw	06:45:00
37	Probability Distributions	Binomial Distribution and its applications	https://youtu.be/4XYnfABrhVk	11:50:00
38	Probability Distributions	Exponential "The Memoryless" Distribution	https://www.youtube.com/watch?v=-b57FzIGdCY4&t=530s	15:18:00
39	Quality Tools	Pareto Chart on Excel	https://youtu.be/BpV2-Ns9Gd8	19:13:00
40	Quality Tools	Histogram and Descriptive Statistics on Excel	https://youtu.be/JOquig5_I74	06:43:00
41	Reliability Concepts	Hazard Rate and related concepts in Reliability Engineering	https://youtu.be/0a-BF036Di4	09:20:00
42	Reliability Concepts	Product Life Cycle (CRE Preparation Videos)	https://youtu.be/P5tK6Xb19_E	11:38:00
43	Reliability Concepts	Benefits of Reliability Engineering (CRE Learning Videos)	https://youtu.be/7OupKoS3_xA	04:03:00
44	Reliability Techniques	Case Study in Tolerance Design of a Spring using Monte Carlo Simulation	https://youtu.be/8-taU-UKnLk	11:23:00
45	Reliability Techniques	Reliability prediction using Stress Strength Interference (Analytical Method)	https://youtu.be/WeTHHIF7tI4	11:54:00
46	Reliability Techniques	Reliability Prediction using Monte Carlo Simulation	https://youtu.be/-G5DSzPIEjU	10:27:00
47	Reliability Techniques	Statistical Tolerancing using Monte Carlo Simulation	https://youtu.be/f4eEgNPGG0I	07:43:00
48	Reliability Techniques	Sample size in Reliability Testing Part-1 (One-shot Devices)	https://youtu.be/HTBfMK7PVQU	10:34:00
49	Reliability Techniques	Tolerance Intervals	https://youtu.be/BkcXHPmuW4	11:40:00
50	Reliability Techniques	MTBF Confidence Intervals using tables and Excel Template	https://youtu.be/QuglkwYI504	10:48:00
51	Reliability Testing	Reliability Growth: Concepts, Strategy, Duane Model and Application Case Study	https://youtu.be/3geXHUcxaSA	14:59:00
52	Reliability Testing	Accelerated Life Test (ALT Video-1)	https://youtu.be/fH9jS9hBnZQ	10:18:00
53	Reliability Testing	Accelerated Life Testing (ALT) Part-2	https://youtu.be/qyN9yOp4zWg	14:01:00
54	Reliability Testing	Accelerated Life Testing Part-3 (Case Study in Minitab Software)	https://youtu.be/vMEuvF_suls	12:01:00
55	Reliability Testing	Accelerated Life Testing (ALT) Part-4 Determination of Activation Energy for Arrhenius Model	https://youtu.be/9kKMr71Sndw	13:10:00
56	Sampling Plans	Reliability Sampling Plans Part-1 (Basic Concepts)	https://youtu.be/OU6Y3MvRnIY	07:39:00
57	Sampling Plans	Reliability Testing Sampling Plans Part-2 (PRST and Fixed Length Plans)	https://youtu.be/Me75yHEf56E	11:53:00
58	Sampling Plans	Sample size in Reliability Testing: Part-2	https://youtu.be/Aa8FFh4GxCw	09:45:00
59	Sampling Plans	Acceptance Sampling Plans for Quality Control (Part-1)	https://youtu.be/CmYpqVn3NoI	16:56:00
60	Sampling Plans	Acceptance Sampling plan (Part-2)	https://youtu.be/ZPpizjY90t0	16:11:00

About the Speaker

An incisive leader with over 23 years of experience in driving Profit Centre Operations, International Business Development and Global Marketing.

At ASQ South Asia, he focuses on developing business across the sub-continent, build strategic alliances & business partnership for building professional capabilities through ASQ International certifications, best practices and business solutions.

He is on board member of Aryan HR. He is also on board of National Board for Quality Promotion. He member of Lean Technical Advisory Committee under DC-MSME Lean Manufacturing Competitive Scheme and Zero Effect, Zero Defect (ZED) Sub Working Group of DC(MSME).

He is an Engineer and MBA in International Business and International Marketing. He is also ASQ Certified Quality Manager.



Anindya Sarangi
Director & Head
ASQ South Asia





National Institution For Quality
and Reliability

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No. 60 Uthamar Gandhi Salai,
Chennai – 600 034

American Society for Quality (ASQ)
South Asia

A-24/9, Ground Floor,
Mohan Cooperative Industrial Estate,
Mathura Road, New Delhi-110044



Certificate of Appreciation

This is to certify that
Mr. / Ms C V Gowri Sankar
Of {{ College Name}}
has participated in the webinar “Awareness Program on Reliability”
organised by National Institution For Quality and Reliability
and
American Society for Quality (ASQ) South Asia
on 11th May 2021

S. Rajasekaran

National President, NIQR

Anindya Sarangi

Director & Head, ASQ South Asia

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



organizes
**National level
Workshop**
on

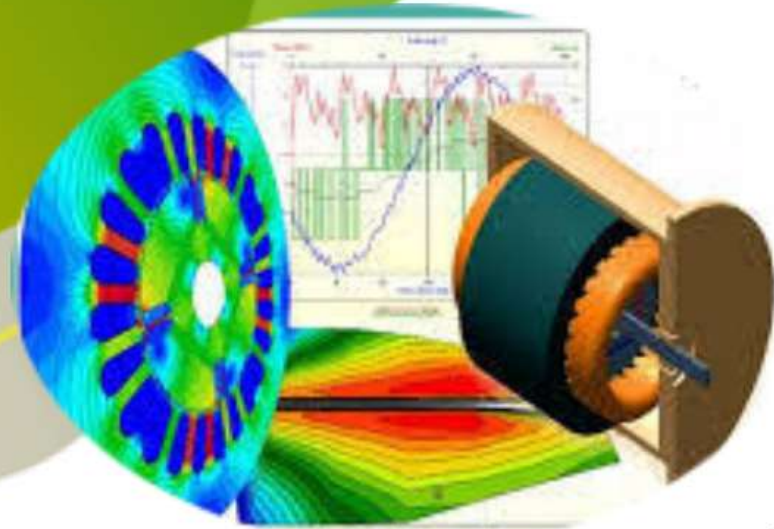


“Motors used for EV applications – Design aspects”

Resource person:

Dr.A.Deepak

Electromagnetic Design Engineer
ePropelled systems pvt ltd, Chennai.



05-06-21

SATURDAY

10:00 AM-12:00 NOON



CO-ORDINATORS
Dr.K.Kumarasamy
Associate Professor
9942940540
Mr.P.PARASURAMAN
Assistant Professor
99443 54635

zoom

Meeting ID: 885 2803 1717
Password: ZjRv2r

Registration link:<https://forms.gle/qSn8XUwMptbfQsaK9>

Dr.K.S.BABAI
SECRETARY

Dr.P.K.SURESH
PRINCIPAL

Dr.K.UMARANI
DEAN ACADEMICS

Mrs.S.SOUNDARA BALA
HOD-EEE

**Meenakshi Sundararajan Engineering College
Kodambakkam, Chennai-24**



**Department of
Electrical and Electronics Engineering**

Cordially Invites you to the

**National Level Workshop
on
Motors used for EV Applications-
Design Aspects”**

**Resource Person
Dr. A. Deepak
Electromagnetic Design Engineer
EPropelled System Pvt. Ltd**

**Date
05.06.2021
Saturday**

**Time
10.00 am to 12.00 Noon**



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF EEE

National Level Workshop on “**Motors used for EV applications - Design Aspects**”

AGENDA

09.45 AM - 10.00 AM –INAUGURATION - WELCOME ADDRESS AND INTRODUCTION OF RESOURCE PERSON (By HOD/EEE)

10.00AM - 12.00 noon: TECHNICAL PRESENTATION by

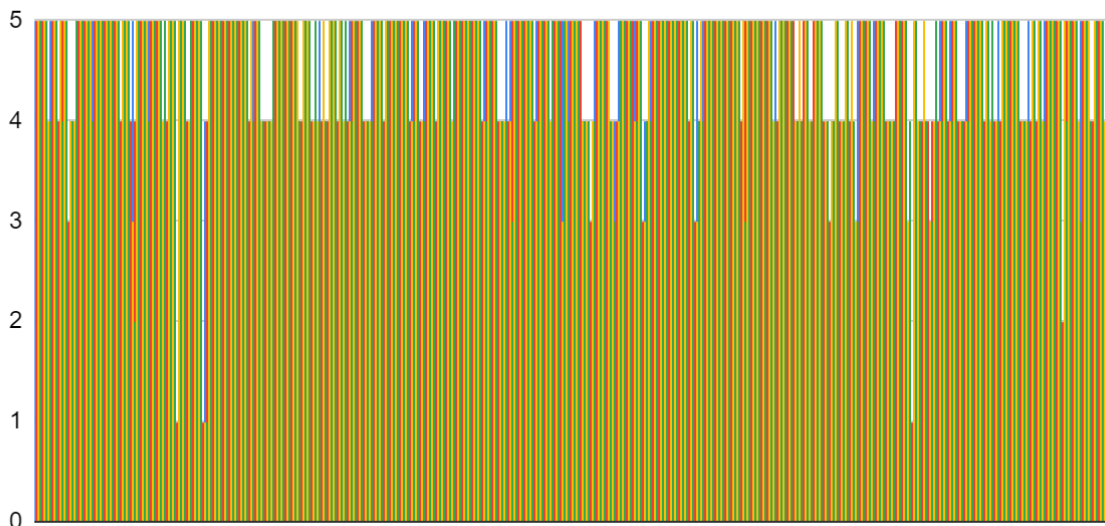
Dr. A. DEEPAK, Electromagnetic Design Engineer, ePropelled System Pvt. Ltd, Chennai

12.00PM – 12.10 PM: Vote of Thanks

12.10PM -12.20PM–Feedback from the participants

FEEDBACK ANALYSIS

- How clearly did the speaker explain the content ?
- How well did the speaker answer the questions putforth by the participants?
- How satisfied are you with the Workshop content?
- How much interested are you in attending the Workshops of this type?





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION)



ORGANISES WEBINAR ON BUILDING SUCCESSFUL PRODUCTS



SPEAKER

MR.S.PRASIDH

DIRECTOR,
PRODUCT MANAGEMENT,
BITGLASS, CAMPBELL, USA

CHIEF PATRON

DR.K.S. LAKSHMI
CORRESPONDENT, MSEC

PATRON

DR.K.S. BABAI
SECRETARY, MSEC
PROF.N.SREEKANTH
DIRECTOR, MSEC

CONVENOR

DR.B.MONICA JENERFER
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DR.K.UMARANI
DEAN-ACADEMICS, MSEC

CO-CONVENOR
DR. M.K.SANDHYA
PROF/CSE, MSEC

ORGANISING SECRETARIES

MRS. C. JERIN MAHIBHA [AP/CSE]
MRS. S. AARTHI [AP/CSE]
MRS. P. REVATHI [AP/CSE]

REGISTER AT: [HTTPS://TINYURL.COM/Y7TOBT2Q](https://tinyurl.com/y7TOBT2Q)



: 30.6.2020



: 10.30 A.M TO 11.30 A.M

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Webinar on Building Successful Products on 30/6/2020

The Department of Computer Science and Engineering organized a webinar on Building Successful Products on 30/6/2020 at 10.30 A.M using WebinarJam Platform. This was the first webinar session conducted by the department to impart and enhance knowledge among the students, research scholars, faculty members and industrialists during the lockdown period. More than 200 participants from academia and industry across the country registered for the event. A few participants were from the USA, UK, Canada and Singapore as well.

Dr.B.Monica Jenefer, HOD, CSE welcomed the participants and introduced the Guest Speaker to the participants. The Guest speaker was Mr. Prasad Srikanth, Director, Product Management, Bitglass, Campbell, USA. He leads the strategy and execution for the Bitglass cloud security products. Prior to joining Bitglass, Prasad was a Program Manager at Microsoft and a software engineer in the advanced research group at Fusion IO. Prasad received an MS in Computer Science from Stony Brook University and B.E in CSE from MSEC (Alumni – 2013 Batch).

Mr Prasad Srikanth delivered his presentation on Building Successful Products. The presentation elaborated on Product ideation, Product design based on business completion, Product metrics and critique. He also gave an insight on feature prioritization. The organizing secretaries Mrs.C.Jerin Mahibha, Mrs.S.Aarthi and Mrs.P.Revathi coordinated the event.

event.webinarjam.com/live/broadcast

Google Chrome is using the webcam

Agenda

- Prasidh's journey
- Product ideation
- Analyzing business competition
- Product design
- Product metrics
- Product critique
- Feature prioritization

03 : 45 : 38 Room expiration

10:37 AM 6/30/2020

Happy Webinar

Attendees

- S.G.Mydhrayan Good morning sir
- K. Ramkumar Good morning mam
- Mrs. S. Aarthi Building Successful Products by Prasidh Srikanth
- Aishwarya.B Good morning mam
- DrMMonicaJenefer Balraj Good morning all.


Chat mode

Type your comment...

event.webinarjam.com/live/broadcast


Google Chrome is using the webcam

Product ideation




UBER

- Kalanick was stuck in Paris on a snowy evening
- Unable to find taxi
- asked themselves: "What if you could request a ride simply by tapping your phone?"
- Company launched in 2009 and growing ever since



airbnb

- Brian Chesky just moved from NY to SF and was struggling to pay rent.
- Bought a few airbeds
- Hosted a site called "Air Bed and Breakfast."
- Idea was to offer visitors a place to sleep and breakfast in the morning



a

- Bezos had the vision for amazon to be an "everything store"
- Bezos' parents invested almost \$250,000 in the start-up
- In July 1995, the company began service as an online bookstore...
- In the first two months of business, Amazon sold to all 50 states and over 45 countries

03 : 32 : 18 Room expiration

10:51 AM 6/30/2020

Happy Webinar

Attendees

- Mathangi clear explanation
- J. Pavithra Good morning
- Princy Martina R. Kaalai Vanakkam
- santhosh Good morning all
- saranya good morning all






Chat mode

Any question post at the end of the se

webinar videos - aarthigopinath x WebinarJam | Live Broadcast x Google Chrome is using the webcam x WEBINAR FEEDBACK FORM x

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Analyzing business competition

 <p>New entrants Barriers to entry (patents, rights, etc.) Government policy Economies of scale Brand equity</p>	 <p>Competition Innovation Advertising expense</p>	 <p>Supplier Suppliers of raw materials, components Degree of differentiation of inputs</p>	 <p>Buyer Buyer information availability Bargaining leverage</p>	 <p>Substitutes Switching cost Product differentiation Price performance</p>
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03 : 24 : 19 Room expiration

10:59 AM 6/30/2020

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Classic business competitions

	VS	
	VS	
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	VS	

03 : 21 : 16 Room expiration

11:02 AM 6/30/2020

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On Air 159 00:45:52 Signal

Settings Enable Chat

Attendees Allow both public and private messa... ⋮

Chat Display number of attendees in room

Polls Attendees may request to speak

Offers Webcam thumbnail position

Videos Webcam thumbnail size

Files

Slides

WEBINARJAM 03 : 13 : 42 Room expiration ?

11:09 AM 6/30/2020

[Webinar] Your admin login link x WebinarJam | Live Broadca... x webinar certificate - Google Slic... x WebinarFeedback Form - Goog... x WEBINAR FEEDBACK FORM x

event.webinarjam.com/live/broadcast

On Air 153 00:50:20 Signal

Settings Set sticky message... ⋮

Attendees

Chat Don't be shy... Start chatting!

Polls

Offers

Videos

Files

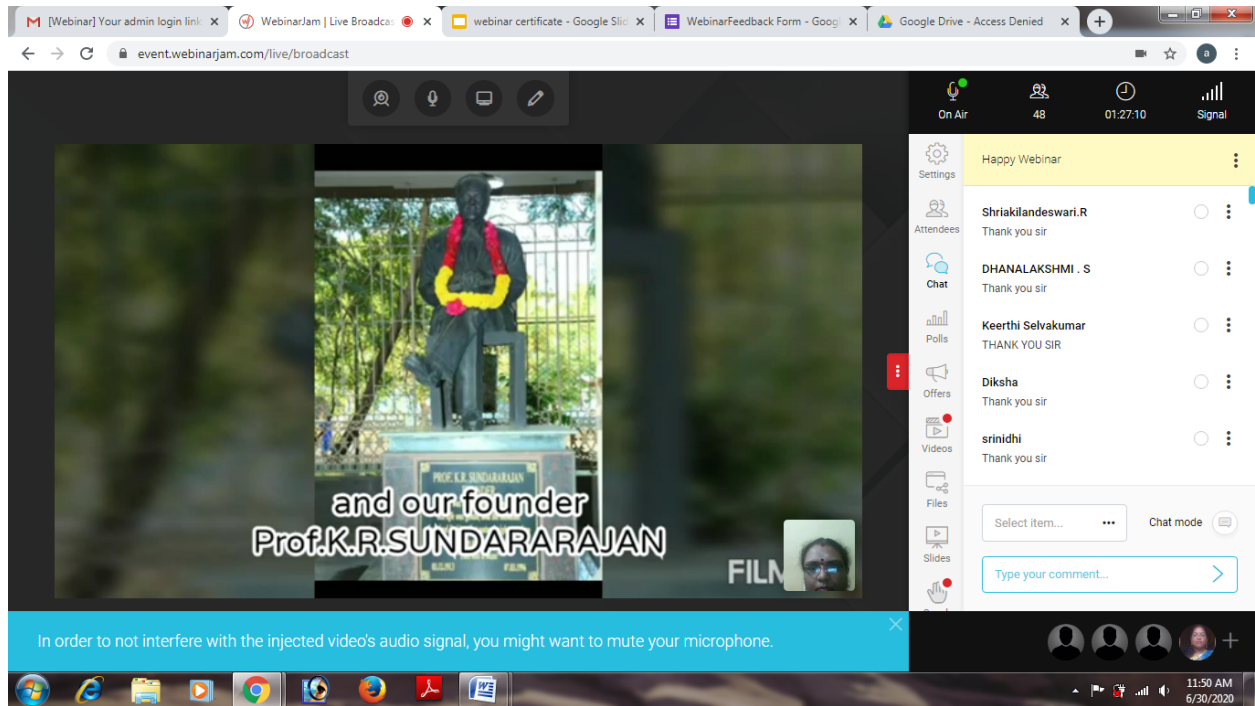
Slides

Send to everybo... ⋮ Chat mode

Type your comment... >

WEBINARJAM 03 : 09 : 18 Room expiration ?

11:14 AM 6/30/2020



The webinar was very interactive. He clarified the doubts raised by the participants. Online feedback for the event was collected from the participants. There was an overwhelming positive feedback about the webinar. Dr.M.K.Sandhya proposed the vote of thanks. This was followed by a short video highlighting the department achievements. E-certificates was mailed to all the participants. The first webinar session of the department was a grand success.

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Department of Computer Science and Engineering

Workshop - “Business Intelligence Tools”

Google Meet Schedule:

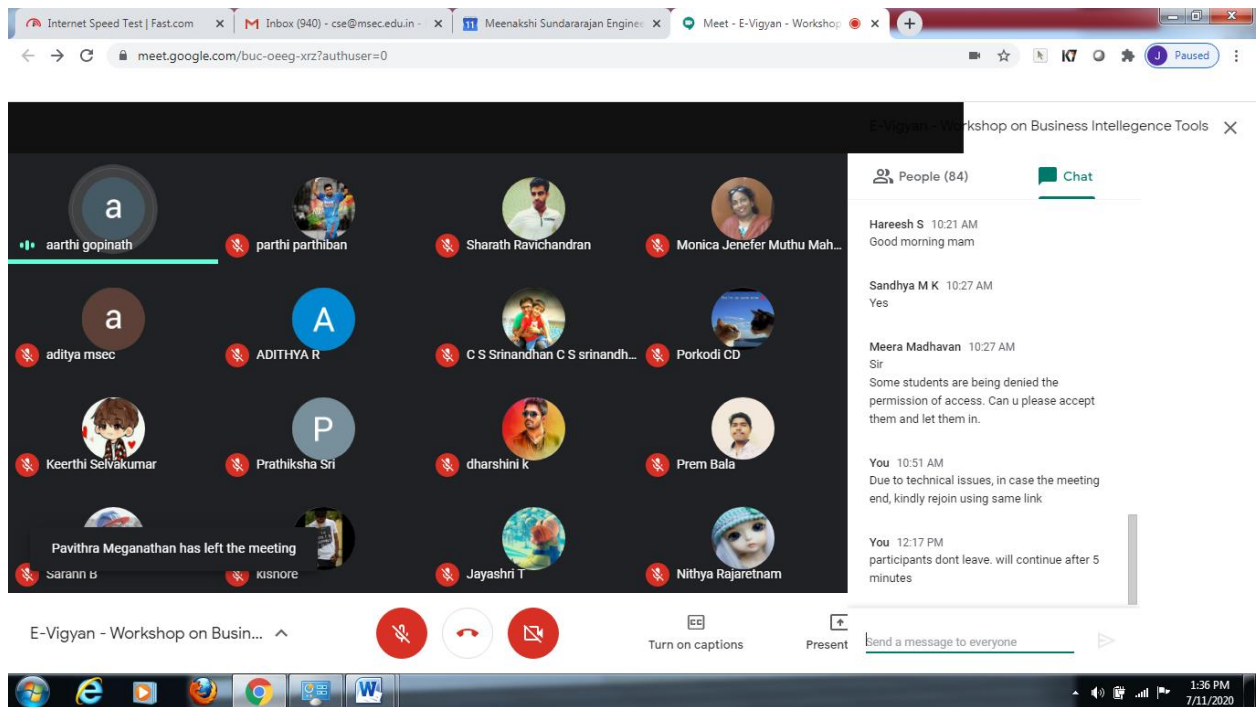
Date: 11/7/2020

Batches : 2019-2023, 2018-2022, 2017- 2021

The screenshot shows a Google Calendar event page for "E-Vigyan - Workshop on Business Intelligence Tools". The event is scheduled for July 11, 2020, from 10:00am to 2:00pm in the India Standard Time - Kolkata zone. The event details include a Google Meet link (meet.google.com/buo-oeeg-xrz), a notification set for 10 minutes before the event, and the organizer's email (cse@msec.edu.in). The event is currently set to "Busy" with "Default visibility". The "Guests" section shows "Add guests" and "Guest permissions" with options for "Modify event", "Invite others", and "See guest list". The interface also shows a "Join with Google Meet" button and a "Save" button. The browser's address bar shows the calendar URL, and the Windows taskbar at the bottom displays the system tray with the time 2:57 PM on 7/13/2020.

Summary:

A workshop was arranged by the department of Computer Science and Engineering in association with Computer Society of India on the topic “**Business Intelligence Tools – Snowflake, Matillion and Thought Spot**” for the students of Computer Science and engineering and outsiders on **11/7/2020** by **Mr.Sharath Ravichandran**, Consultant,Sirius Computer Solutions, Chennai. The workshop gave a detailed description about Data warehousing, Snowflake, Matillion, Thoughtspot, ETL etc.

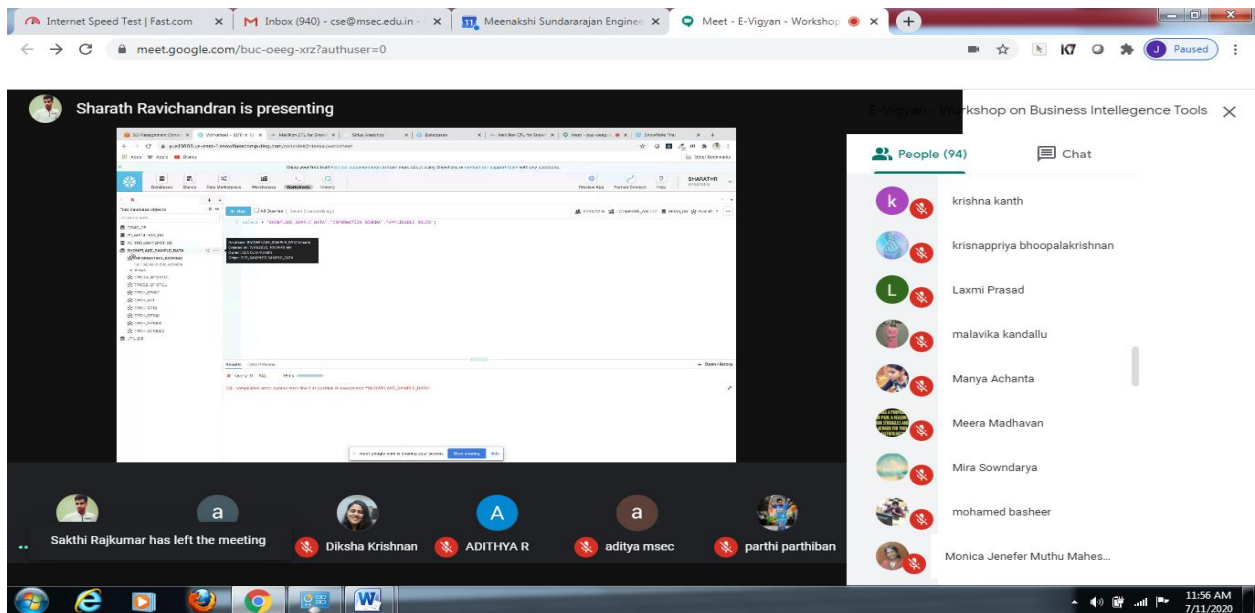
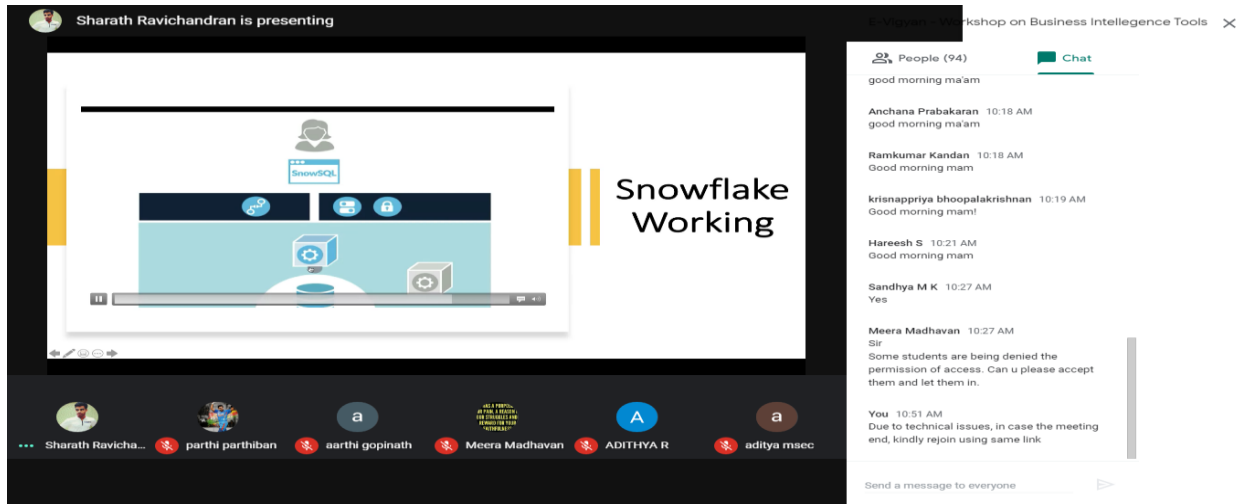


At the beginning, basics of database terminologies and database concepts were discussed which were very helpful to refresh the concepts which were to be used in the workshop. Clear explanation of concepts like E-R diagrams, fact table, dimension table and star schema were given.

Then the workshop moved towards “Snowflake”, which is data warehousing software. It provides Software as a Service (Saas) platform. The difference between Online transactional Processing (OLTP) and Online Analytic Processing (OLAP) was mentioned. After the introduction of Snowflake, the different layers of Snowflake were explained. After that the discussion went through Snowflake clients, Snowflake Pricing and Virtual Warehouse sizes.

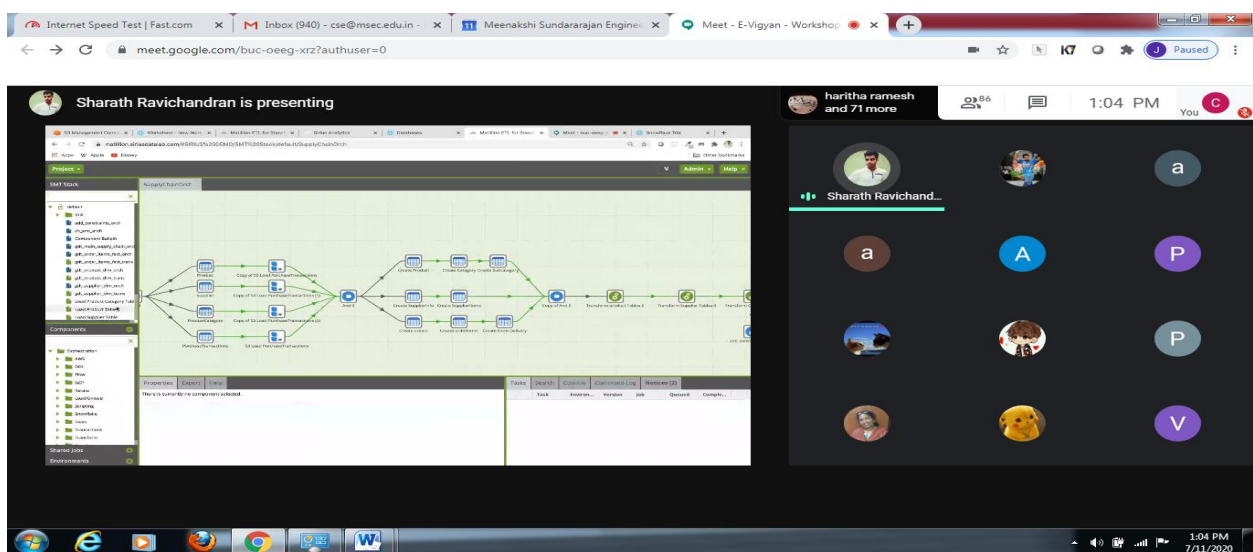
Then optimization of performance of virtual warehouse was dealt and then visualization of the data loading in Snowflake was shown and described its phases like staging data and loading data.

After the complete explanation of Snowflake Software, demonstration of the working of the software was done. That was very useful to understand the concepts.



Similarly, the tool, "Matillion", which is ETL (Extract, Transform, and Load) software was also explained and demonstrated. It can also be used as ELT tool. The phases and environment of Matillion was also discussed. After that the jobs in Matillion like orchestration and transformation job was well explained.

Also, a demo on Matillion Software was given, in which, data loading operations like staging and loading data were performed. We were able to visualize the internal and external staging process



Finally, the topics such as search based analysis, flow of data, connection with warehouses etc. were explained. More information was given on the tool called, "Thoughtspot", which is business intelligence and big data analysis platform. Demonstration on the tool Thoughtspot was also done.

Internet Speed Test | Fast.com | Inbox (940) - cse@msec.edu.in | Meenakshi Sundararajan Engineer | Meet - E-Vigyan - Workshop | meet.google.com/buc-oee-g-xrz?authuser=0

Sharath Ravichandran is presenting

Workshop on Business Intelligence Tools

People (84)

Chat

Add people

Computer Science & Engineeri...

aarthi gopinath

ADITHYA R

aditya msec

Aditya Sreeram

Adnan Ahmed

Aishwarya.B

Anchana Prabakaran

Sharath Ravicha... | parthi parthiban | aarthi gopinath | Monica Jenefer ... | aditya msec | ADITHYA R

1:29 PM 7/11/2020

Total CPICRISSE by Country

Country	Total CPICRISSE
United States	15,519,000
China	10,000,000
India	4,251,714
Germany	3,262,500
Japan	2,647,000
United Kingdom	852,000

Internet Speed Test | Fast.com | Inbox (940) - cse@msec.edu.in | Meenakshi Sundararajan Engineer | Meet - E-Vigyan - Workshop | meet.google.com/buc-oee-g-xrz?authuser=0

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Aishwarya.B

Anchana Prabakaran

Sharath Ravicha... | parthi parthiban | aarthi gopinath | Monica Jenefer ... | aditya msec | ADITHYA R

1:31 PM 7/11/2020

Supplier Scorecard - S&P Dashboard

Total Spend YTD: US\$7.18M

Order Count YTD: 2.84K

Order Count MTD: 120

Order Delivery % YTD: 54.83%

Total Spend by Status

Total Spend by Supplier

J. Srinivasan
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 CHENNAI-600 026

Totally, this workshop was very helpful and useful for us to know about various business intelligence tools which are used by the industries. The live demos were very useful for us to learn the software tools without any glitch.



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Department of Computer Science and Engineering

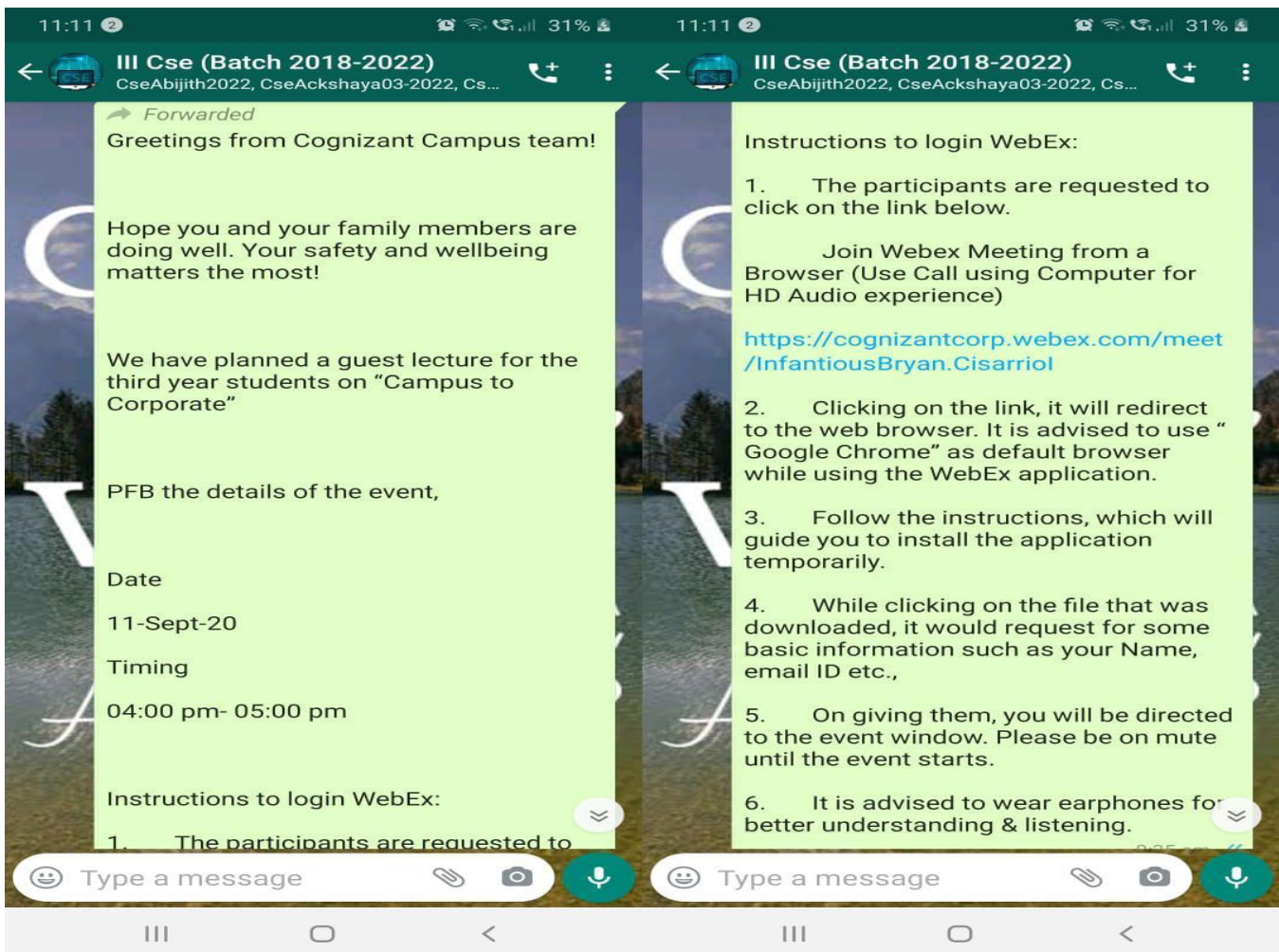
Guest Lecture - “Campus to Corporate”

Academic Year :2020-2021 (odd)

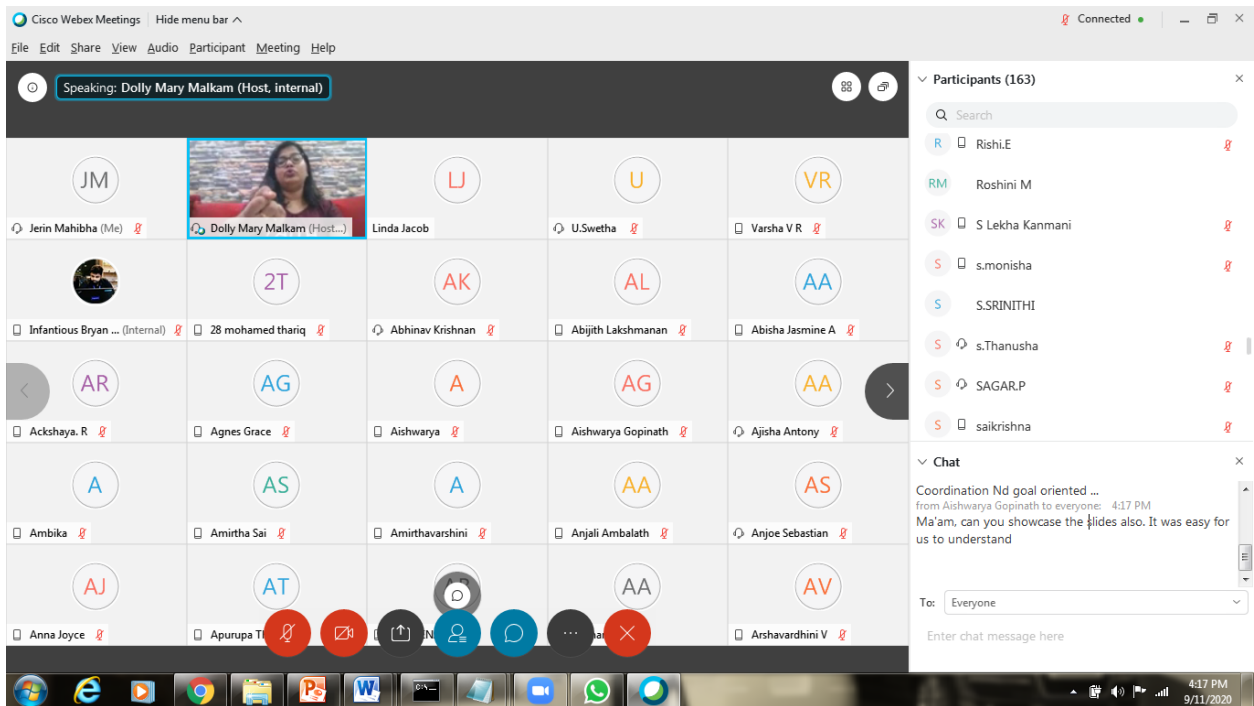
Date: 11/9/2020

Batch : 2018-2022 (III CSE – Sem : 5)

Cisco WebEx meeting Schedule:



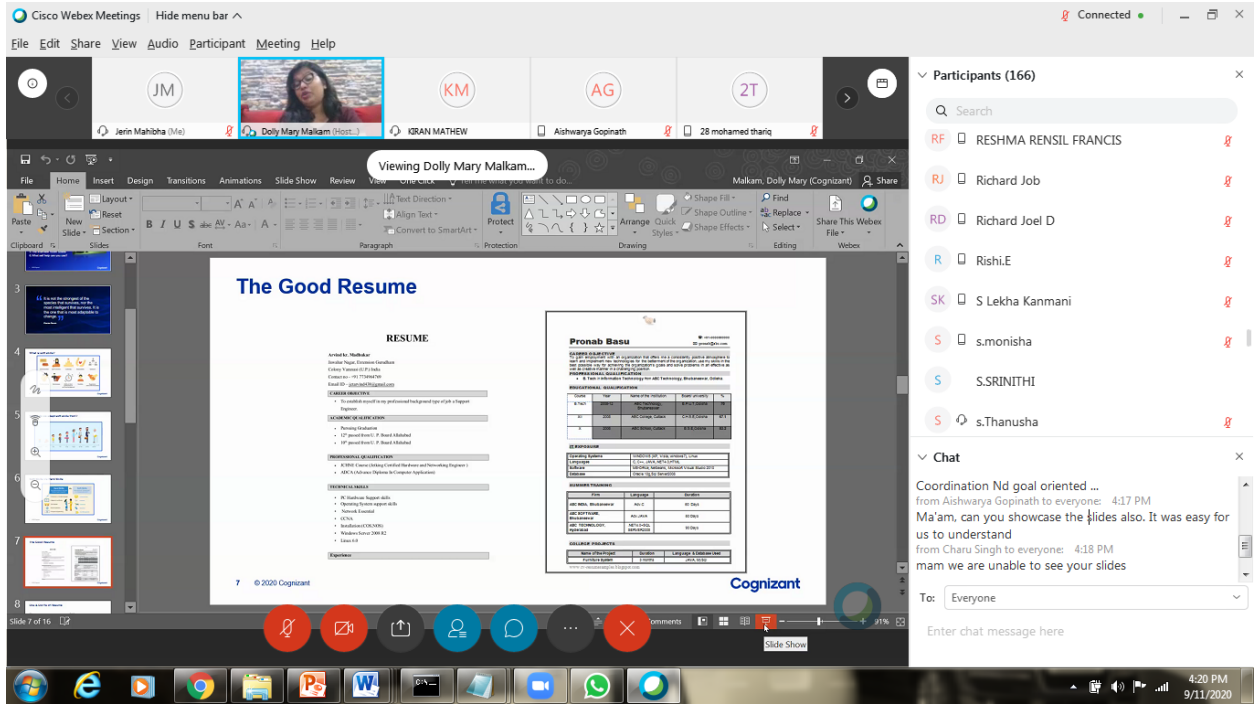
A guest lecture was arranged by the department of Computer Science and Engineering and the placement cell on the topic “Campus to Corporate” for the students of III Year (Batch : 2018 – 2022) Computer Science and engineering on **11/9/2020** by **Ms. Dolly Mary Malkam**, Cognizant Technology Solutions. The guest lecture gave a detailed description about the expectations of a corporate on a graduating student.



She spoke about the different soft skills a company will expect while recruiting candidates like communication, self-motivation, leadership, responsibility, teamwork, problem solving, decisiveness, ability to work under pressure, time management, flexibility, negotiation and conflict resolution etc.

She said about how the interview panelist, judges the candidate by having a look at the resume. She explained how a resume play a major role in the selection procedure and described how to create a proper resume. A proper resume should have only true information, it should be short and crisp, and the panelist should not search for keywords in resume instead it should be visible at the first sight. A good resume should contain name, personal information (mobile number, mail id), academic qualification (better to put in table format), certification, hobbies etc.

She briefed how HR interview and group discussion takes place, and what are all the questions will be raised by panelist on one-on-one interviews. She said that one of the important question is, “tell me about yourself” and she discussed how to answer these types of questions and said that one should handle the situation politely even if they are not comfortable with the situation.



She also said how to be dressed for an interview, boys should wear formal shirts, cover the tattoos if available, and girls should tie up their hair, no big earrings, no bold makeup should be done.

And lastly, she ended up explaining how the panelist select the candidate based on communication and soft skills.


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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE-
363, Arcot Road, Kodambakkam

(Approved by AICTE, Affiliated to Anna University)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACCREDITED BY NBA

REPORT OF VIGYAN '21 SERIES

In association with

Computer society of India

DEAN ACADEMICS

Dr.K.Umarani

PRINCIPAL

Dr.P.K.Suresh

DIRECTOR

Mr.N.Srikanth

SECRETARY

Dr.K.S.Babai

CSI CO-ORDINATOR

Mrs.S.Aarthi AP/ CSE

MSEC CSE Students chapter

HOD/CSE

Dr.B.Monica Jenefer

The Department of CSE in association with Computer Society of India conducted a Series of Webinars on various topics from April to May 2021. The details being

S.NO	TOPIC	DATE	TIME	RESOURCE PERSON	No.of Beneficiaries	Duration
1	Cloud Computing	17/4/21	11 AM	Mr.Neela Muhil Vannan, Technical Lead, CirrusHQ, Scotland, UK	180	2 hrs
2	Holistic Health	15/5/21	2:30 PM	Mr.R.Muthu Kumaran, Development Manager, Toshiba Software India Pvt Ltd, -ENERY HEALER	180	2 hrs
3	Campus to Corporate "Employability Skille"	29/5/21	2:30 PM	Mr.Shravan Kumar, Lead, Customer Support, Freshworks, Chennai	180	2 hrs

WEBINAR 1 : CLOUD COMPUTING



Meenakshi Sundararajan Engineering college
 Approved by AICTE, Affiliated to Anna University
 Department of Computer Science and Engineering
 Accredited by NBA

Webinar on Cloud Computing
 In Association with CSI

17/4/21 Vigyan '21 Series 1.00 -3.00 PM

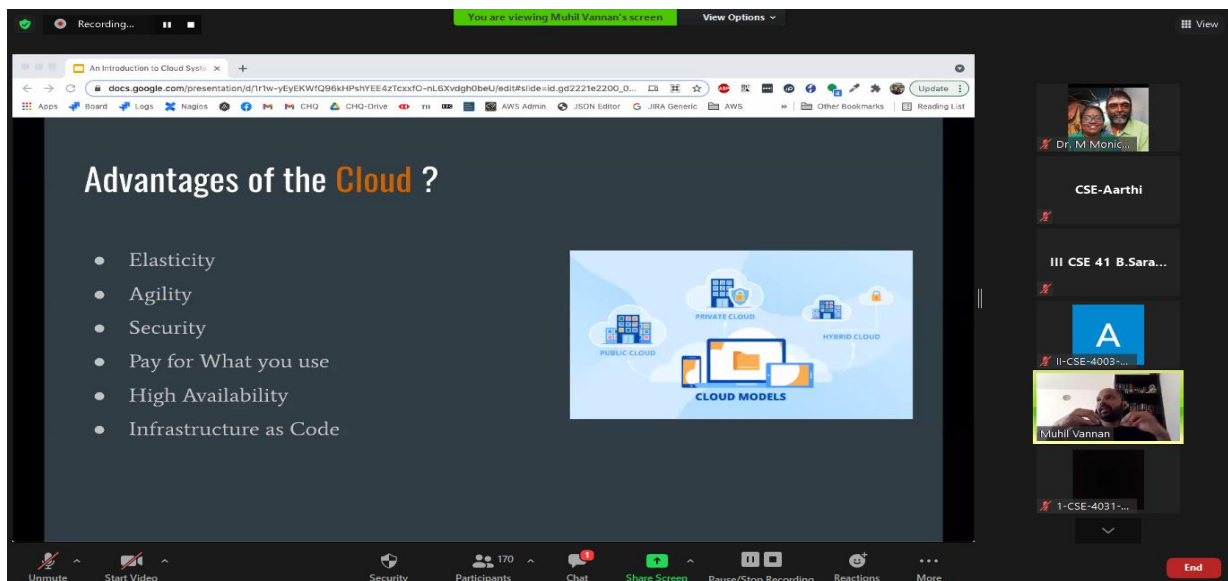
Resource Person
Mr. Neela Muhil Vannan
 Technical Head
 CirrusHQ
 Scotland, U.K.

Meeting I'd : 876 6135 4830
 Password : 3D4AqP

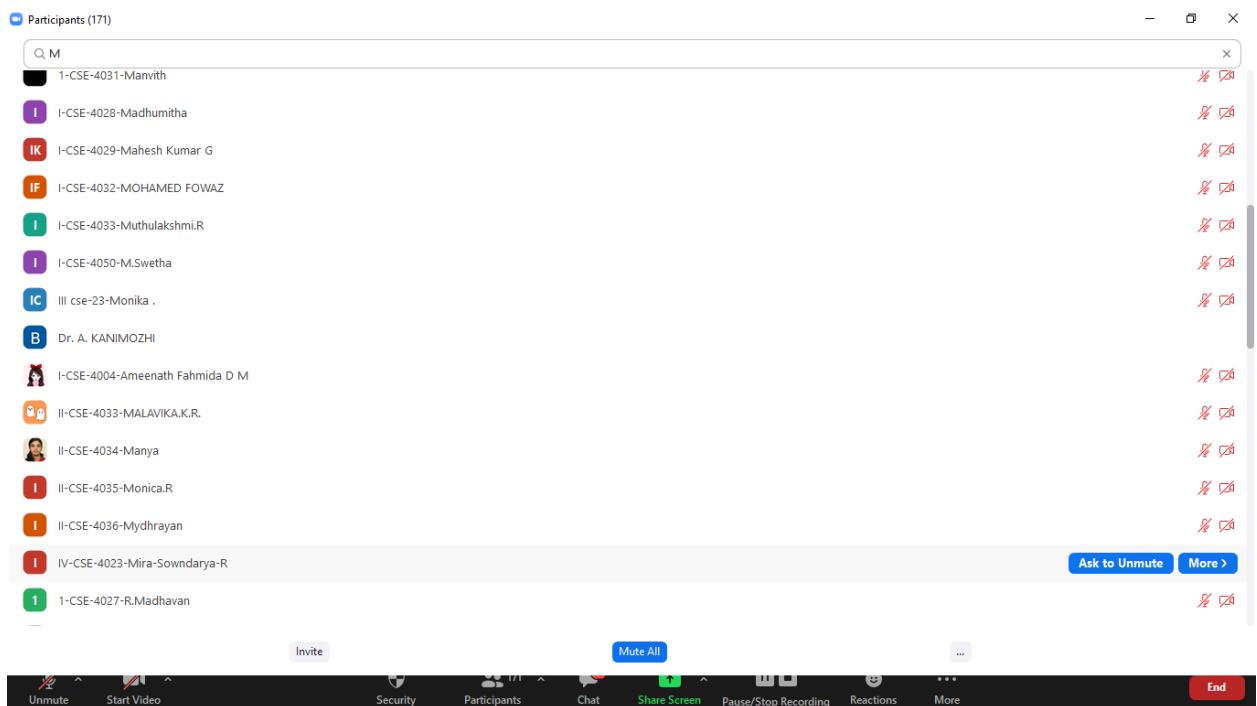
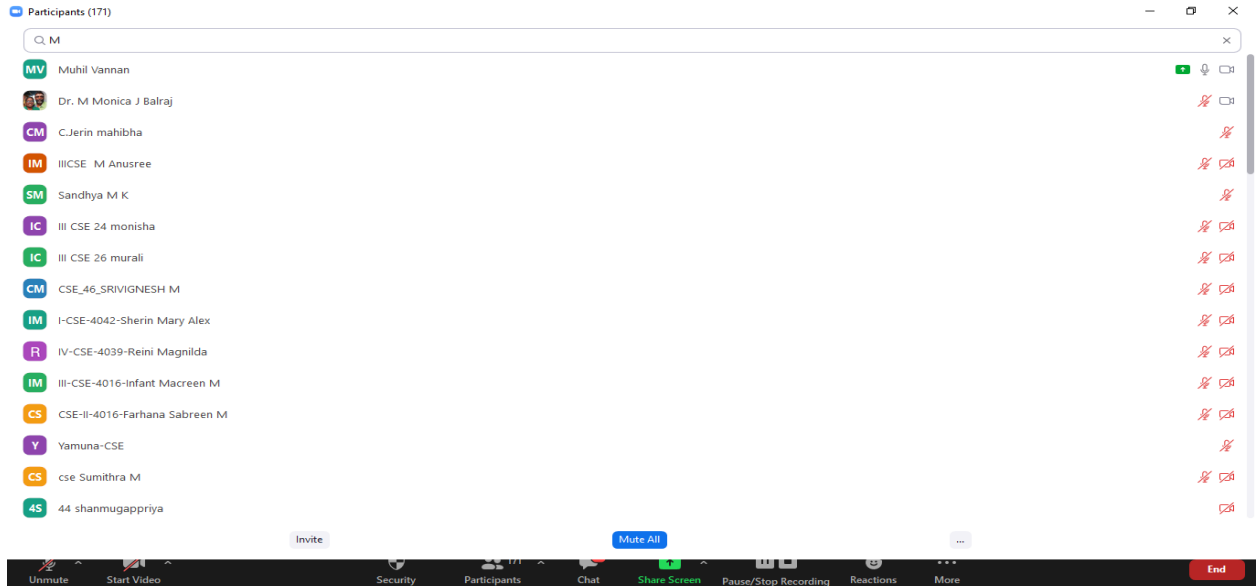
Dean Academics: Dr.K.Umarani Principal: Dr.P.K.Suresh Secretary: Dr.K.S.Babai
 Staff Coordinator: Mrs.S.Aarathi HOD: Dr.B.Monica Jenefer

The VIGYAN’21 Series started with the Webinar on “Cloud Computing” to all the students of CSE department through online mode by Mr.Neela Muhil Vannan, Technical Head at CirrusHQ, an AWS focussed Cloud Consultancy in Scotland, UK. He is a cloud computing enthusiast and is passionate about cloud based system architectures. Adding to this, it was very proud for the department to have an Alumni of CSE department to handle the session on Cloud Computing.

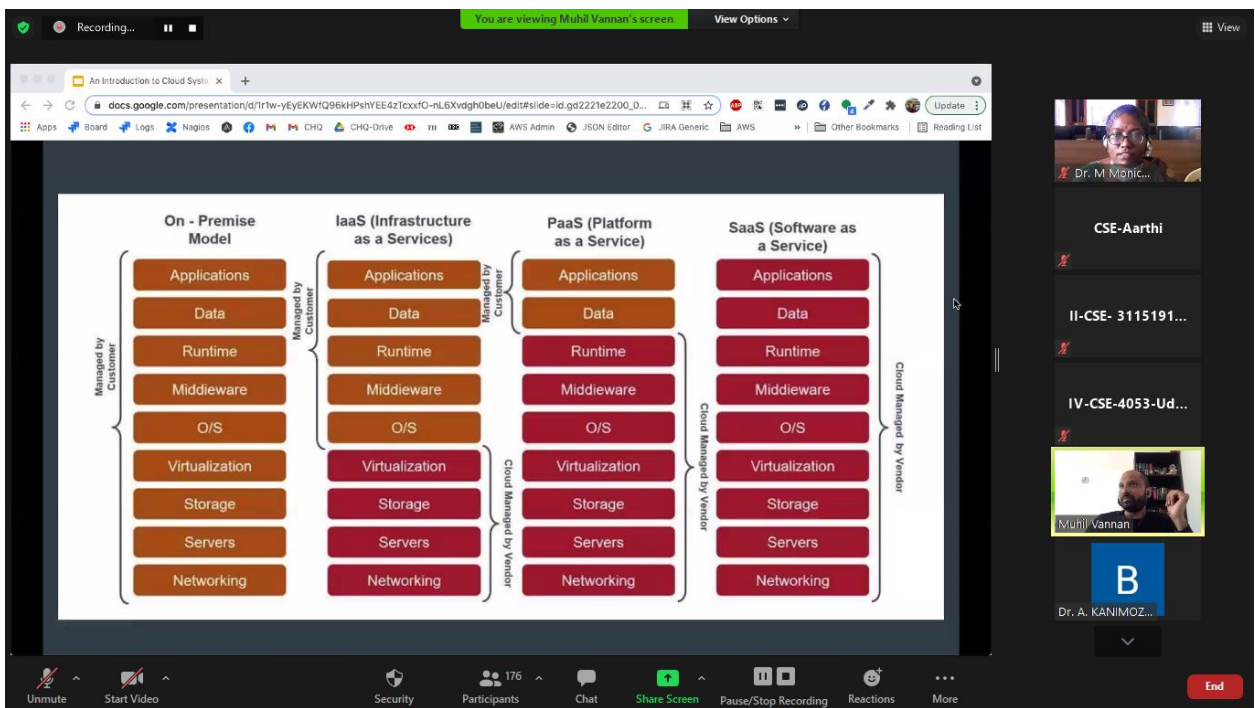
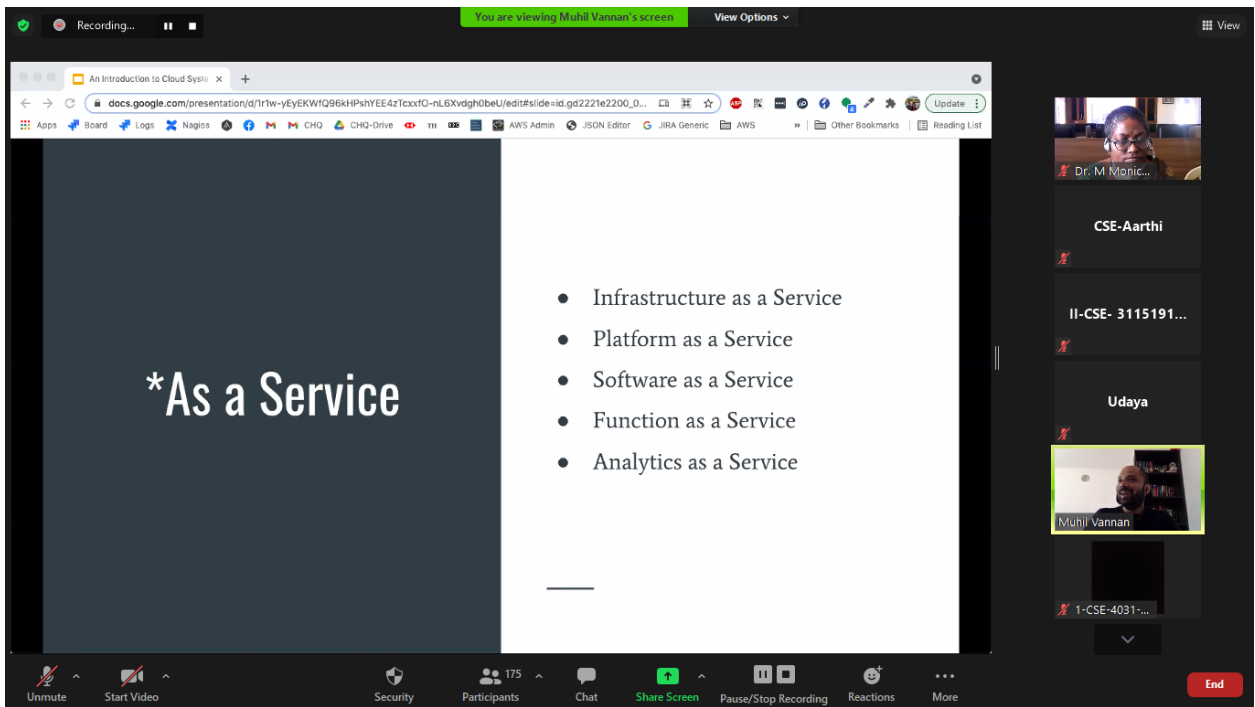
The session started with the prayer song by Vaishnavi of II CSE. The welcome address was given by Mrs.S.Aarathi, AP/CSE.



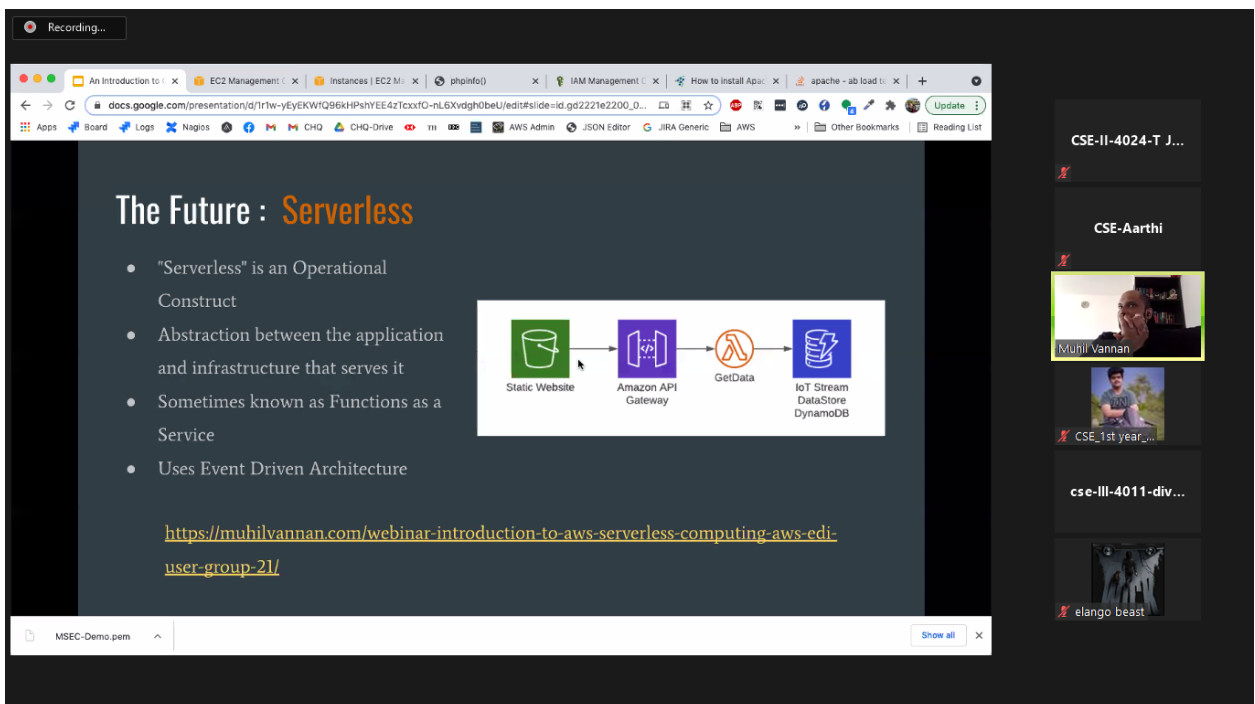
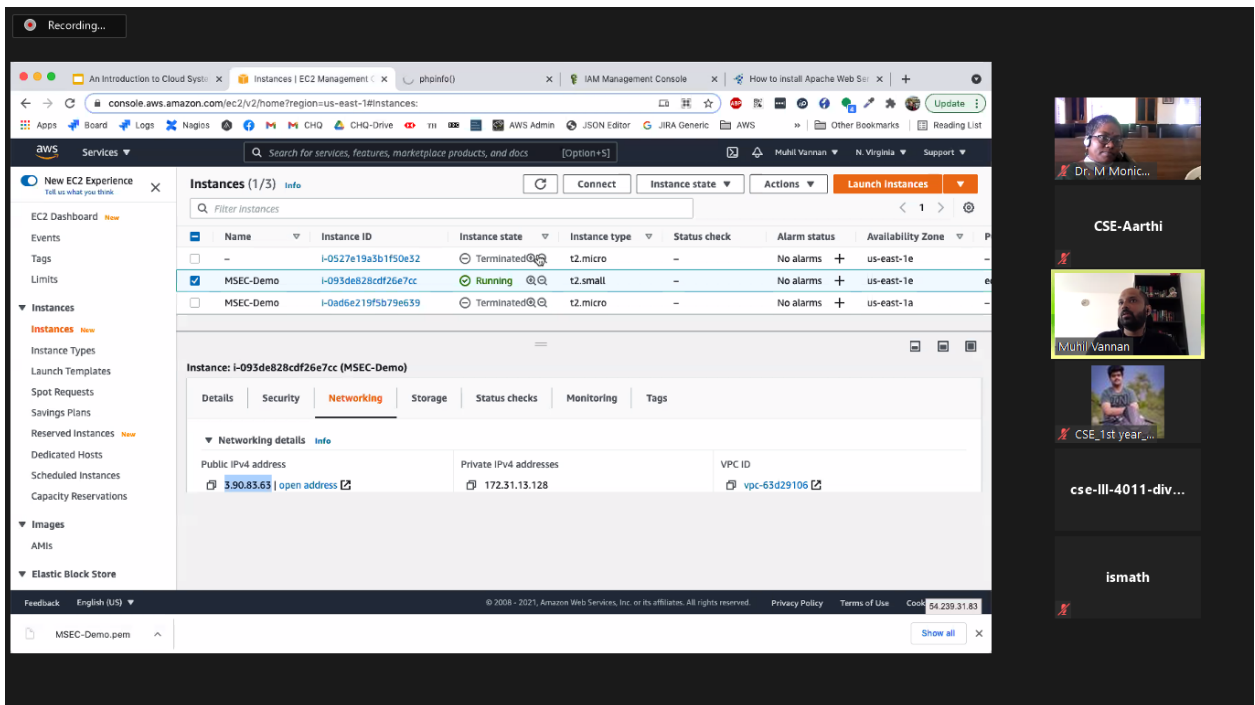
All the students of CSE department attended the Webinar through online mode. He explained the basis of Cloud Computing, its advantages, the deployment Models. He also showed a Demo on how to use cloud by logging in to his account.



The Discussion went on with the explanation about Infrastructure as a service, Platform as a service, Software as a service,.



He showed a demo on how to create instances on cloud and the serverless architecture. Also the abstraction between the application and infrastructure that serves it.



The Webinar came to an end by the Vote of Thanks by Dr.B.Monica Jenefer, HOD/CSE Dept. She appreciated the students for actively participating and the students those who cleared their doubts with the Resource person about the cloud.

WEBINAR 2 : HOLISTIC HEALTH

INVITATION:

Meenakshi Sundararajan Engineering College
 Approved by AICTE Affiliated to Anna University
 343, Arcot Road Kodambakkam

Department of Computer Science and Engineering
 Accredited by NBA

In Association with Computer Society of India
 Organizes a Webinar (Vigyan '21) on

Holistic Health

Saturday
 15/5/2021

TIME:
 2.00 TO 3.30 PM

Mr.R.Muthu Kumaran
 Development Manager
 Toshiba Software
 India Pvt Ltd.
 (Energy Healer)

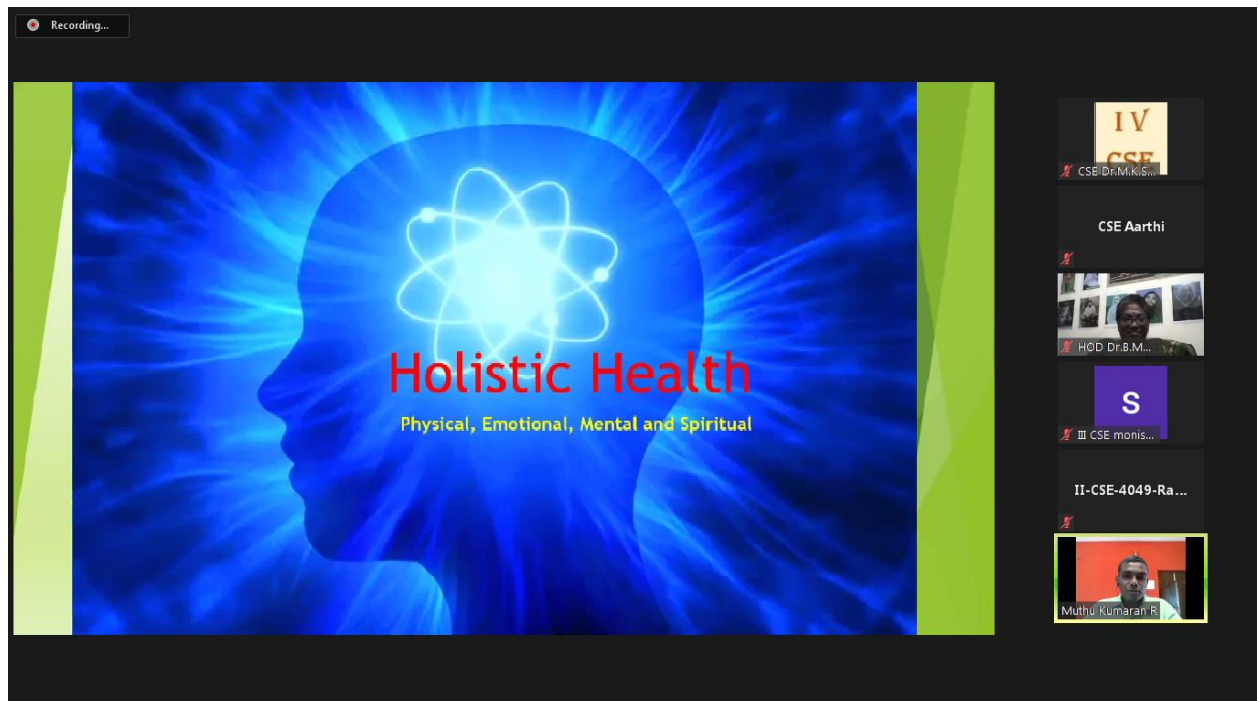
Meeting Id: 873 8311 4477
 Password : 4i3ia0

Dr.K.Umarani Dean academics
 Dr.P.K.Suresh Principal
 Mr.N.Srikanth Director
 Dr.K.S.Babai Secretary

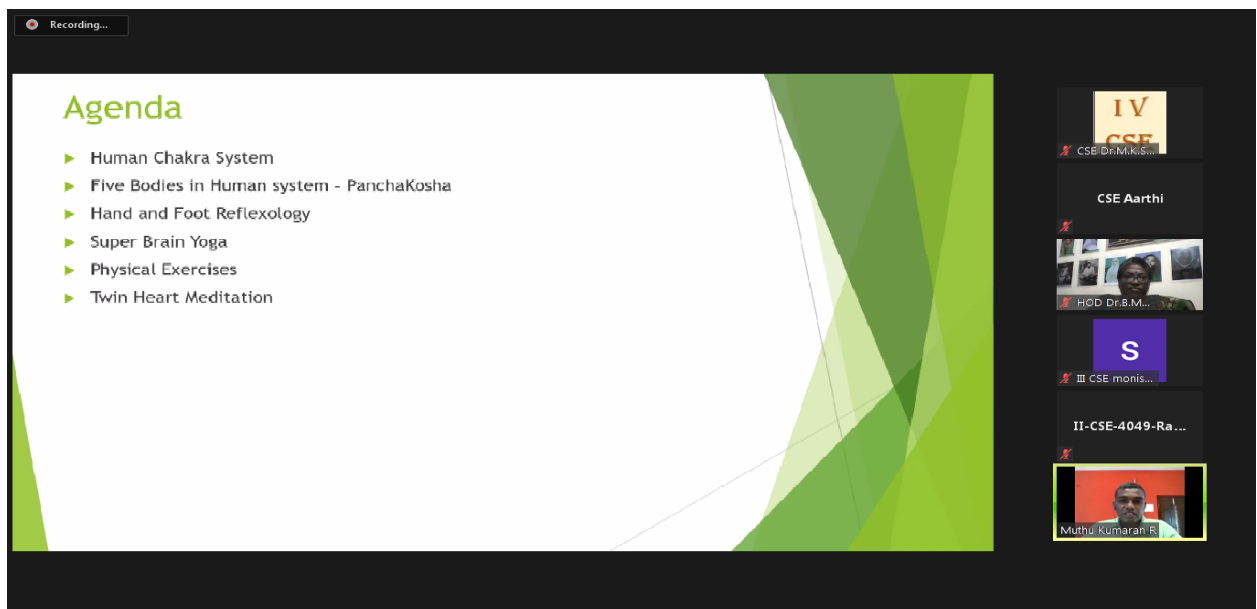
Mrs.S.Aarathi AP/CSE
 MSec-Cse Students Chapter
 CSI coordinator

Dr.B.Monica Jenefer
 HOD/ CSE

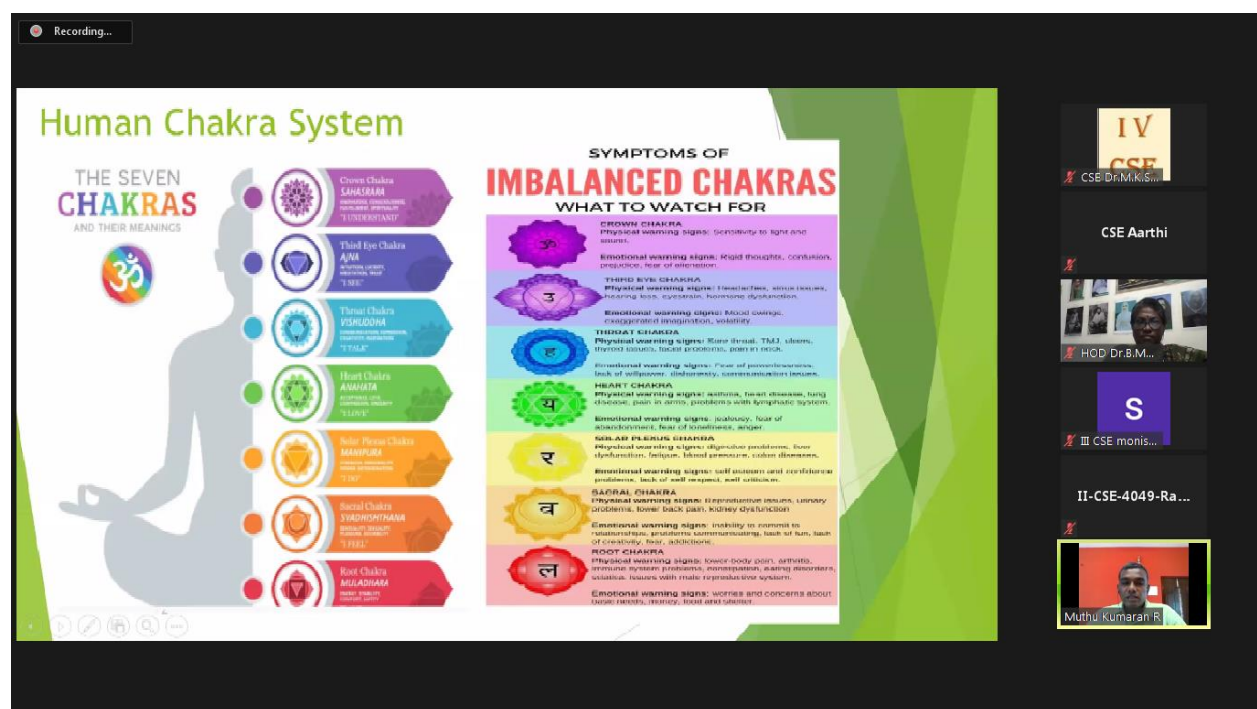
The Department of CSE in association with Computer Society of India conducted a Webinar on “Holistic Health “for the CSE Department students. The session was started with prayer and college song. The welcome speech was given by Mrs.S.Aarathi AP/CSE dept.

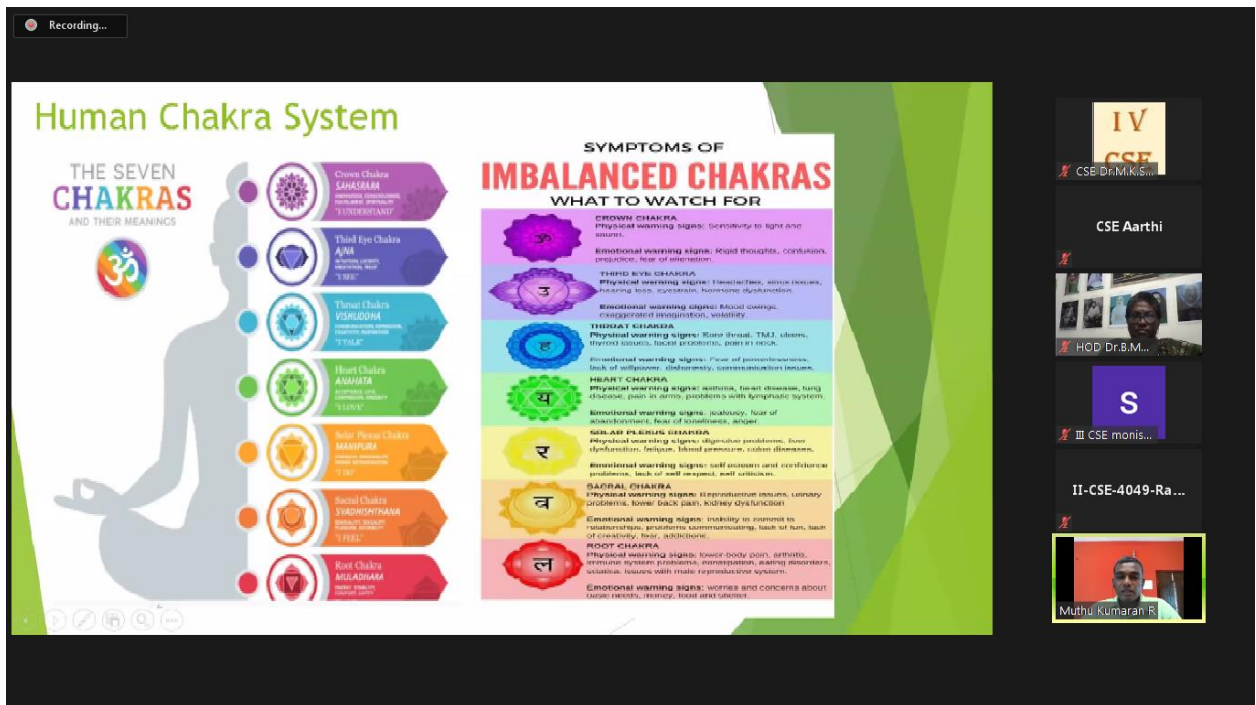


The Resource person was Mr.MuthuKumaran Ramanujam,an Energy Healer from Bangalore.He practices Pranic Healing, Arhatic Yoga, Sound Healing Modalities too.He has volunteered many online Sound Healing sessions - for Covid-19 Patients during September – December 2020.He works in Toshiba Software Pvt Ltd in Bangalore.



The session started with an introduction to Human Chakras and warm up exercise .The resource person did all the excercises and made the students to practice the same.



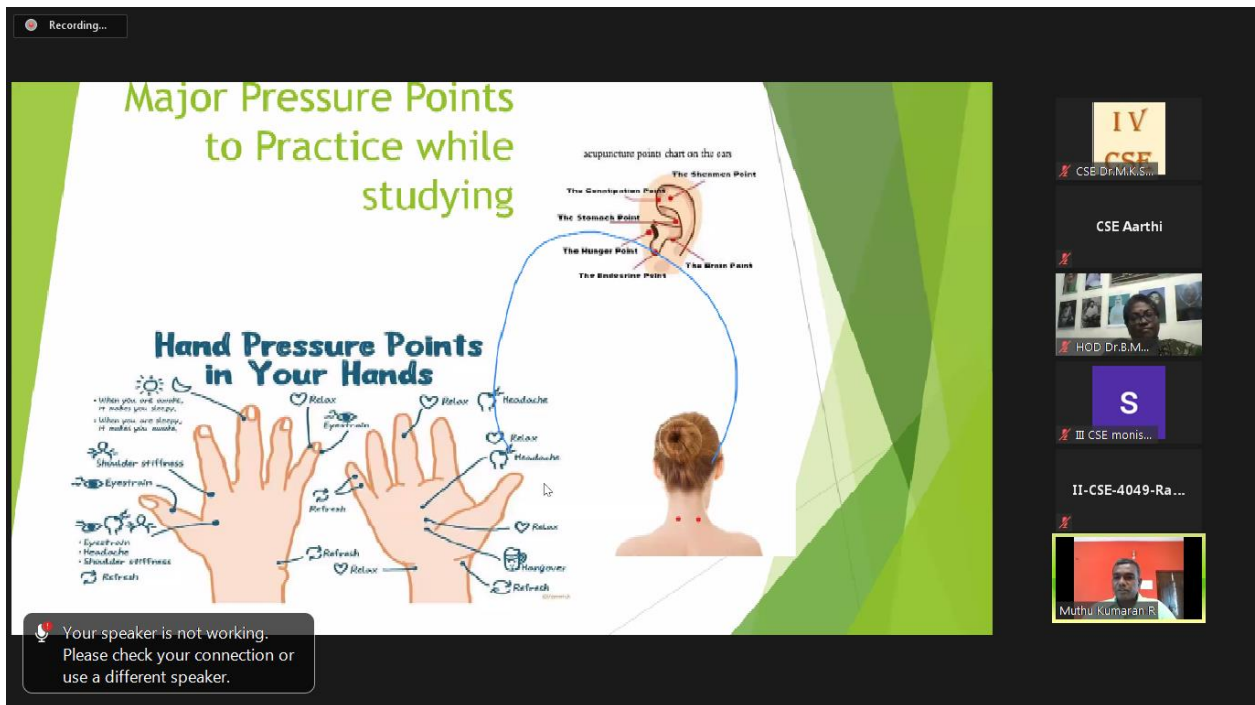


The session was very interesting and lively with full positive vibes which is the need of the hour. During the pandemic situation this kind of webinars was very well appreciated by the students as well as the staff members who attended this.

He then explained about the foot and hand relexology points and added the importance of the pressure points in hand and foot.



He also explained about the Sooper Brain Yoga and advised the students to practice that at least 11 times daily.



The session ended with vote of thanks by Dr.Monica Jenefer HOD/CSE. She added flavour to the webinar by explaining the necessity of exercise especially during the lockdown period.She thanked the resource person for his effort for this webinar And congratulated the students for actively participating in the webinar.

WEBINAR 3 : Campus to corporate-employability Skills

Meenakshi Sundararajan Engineering College
Approved by AICTE Affiliated to Anna University

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACCREDITED BY NBA

In Association with Computer Society of India
organizes a Webinar on

**CAMPUS TO CORPORATE -
"EMPLOYABILITY SKILLS"**

Saturday, MAY 8, 2021
2 :00 PM to 3:30 PM

MR. SHRAVAN KUMAR
LEAD
CUSTOMER SUPPORT
FRESHWORKS
CHENNAI

Link:

Dr.K.Umarani Dean Academics Dr.P.K Suresh Principal Mr.N.Srikanth Director Dr.K.S.Babai Secretary

Mrs.S.Aarthi AP/cse
MSEC CSE Students Chapter
CSI Coordinator Dr.B.Monica Jenefer
HOD / CSE

The Department of CSE in association with Computer Society of India conducted a Webinar on “Campus to corporate-employability Skills” for students. The session was started with prayer and college song. The welcome speech was given by Mrs.Sumithara.

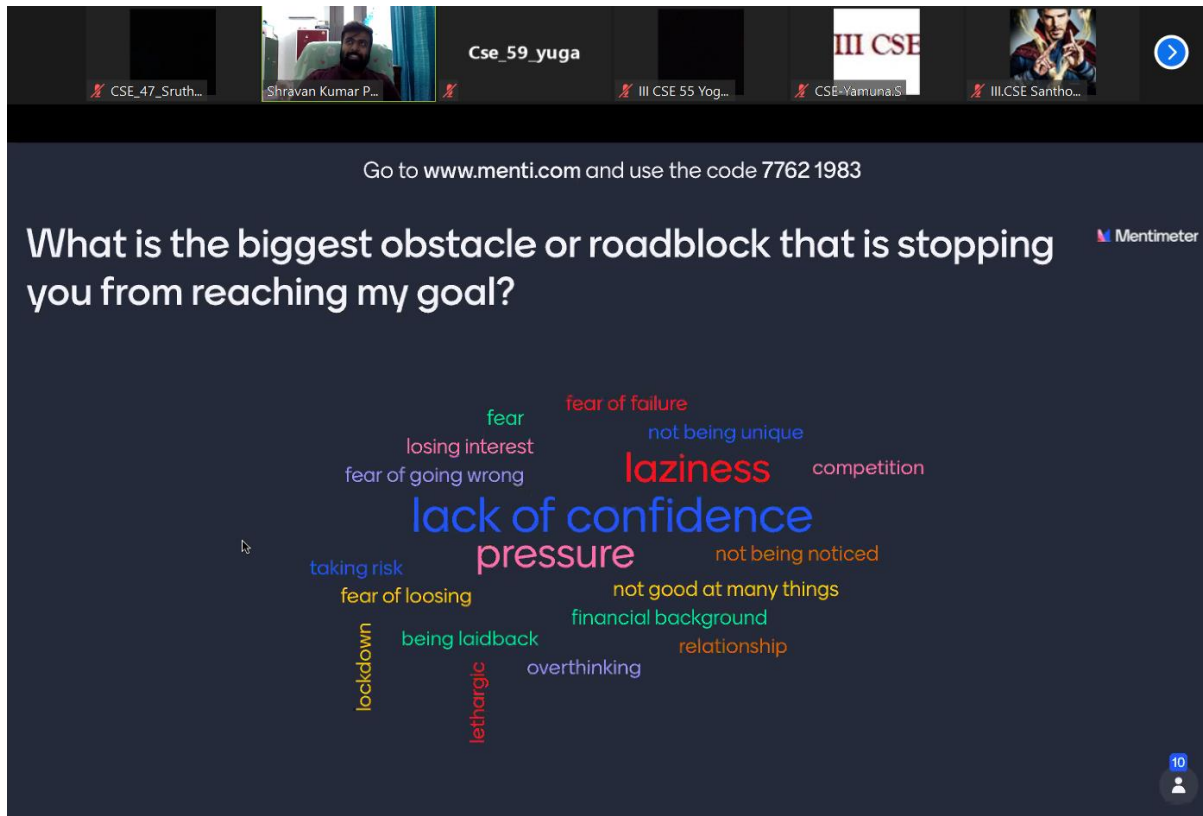
The course content delivered in the webinar is as follows:



Mr. Shravan shared his journey from how he realized his interest and passion towards non-technical career path. During the process that spanned over three years, he developed various soft skills such as communication, persuasion, marketing, etc that laid the foundation for his successful career.

He questioned what is the biggest hurdle that stalks us from reaching our goals.

The students engaged him with a series of facts like laziness, lack of confidence, anxiety, financial aspects. For the mentioned facts, he emphasized on how he overcame those obstacle.



Moving forward, he lectured on career planning and career aspects, starting from where to begin, mistakes that must be avoided in order to gain exposure and learn from the mistakes, and finding a career that suits the student's interest.

He enlisted a detailed collection of designations that companies hire for and he emphasized how freshers must have a firm choice of what they want and ask the company for the same.

DIFFERENT TEAMS AND ROLES	
BUSINESS OPERATIONS	20+ Roles
CUSTOMER SUCCESS	4 Roles
DATA ENGINEERING	5-10 Roles
DESIGN	20+ Roles
ENGINEERING	50+ Roles
FINANCE & LEGAL	10+ Roles
GTM	50+ Roles
GROWTH & MARKETING	3+ Roles
HR & ADMIN	10+ Roles
HR & FACILITIES	10+ Roles
MARKETING	20 +Roles
PRODUCT	30+ Roles
PRODUCT MANAGEMENT	10+ Roles
SALES	20+ Roles

To conclude with he urged the audience to start saving early and to stand on their own and briefed the importance of financial independence and the value of money.

- Start Now
- Develop Interests and Skills
- Gain Experience
- Save Money / Cherish the Memories

- Start Saving 20% of your Salary.
- Travel
- Entertainment
- Vehicle and Own house.

The feedback about the session was collected from all the participants to improve the sessions that will be conducted in the mere future. The event was concluded with a quote of thanks given by Mrs.Sumithra and national anthem was sung by Vaishnavi.

The overall organization and deliverance of the series of webinars was helpful and satisfied for the participants. It is strongly believed that the wisdom imparted will help the students in the long run and uplift their understanding in the respective fields. More apparently, the importance of connecting with the audience and incorporating the relatable topics was very well handled by all the resource persons. It was made sure all the sessions were interactive, and the presentation was student friendly as well. The objective of the webinars was achieved. The overall session discussion benefitted the students.

-----END OF REPORT-----



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE



Department of Computer Science and Engineering

International Conference on Information systems and Software Engineering

ICISSE '21

Academic Year :2020-2021 (Even)

Date: 23/4/2021 & 24/4/21

Mode : Online



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-600024

The Management, Principal, Staff and Students of
Department of Computer Science & Engineering
cordially invite you to the inaugural function of
**International Conference on Information Systems
and Software Engineering**

ICISSE ' 21
23rd & 24th APRIL 2021, 09:30 A.M

CHIEF GUEST:
Prof. Sureswaran Ramadass
Malaysian University of Science and Technology (MUST)
Chief Scientist at NLTVC Sdn Bhd

DR.K.S.BABAI, SECRETARY, MSEC
WILL PRESIDE OVER THE FUNCTION

VENUE : ONLINE MODE - ZOOM
Meeting ID: 832 2559 5663
Passcode: p3WFHw

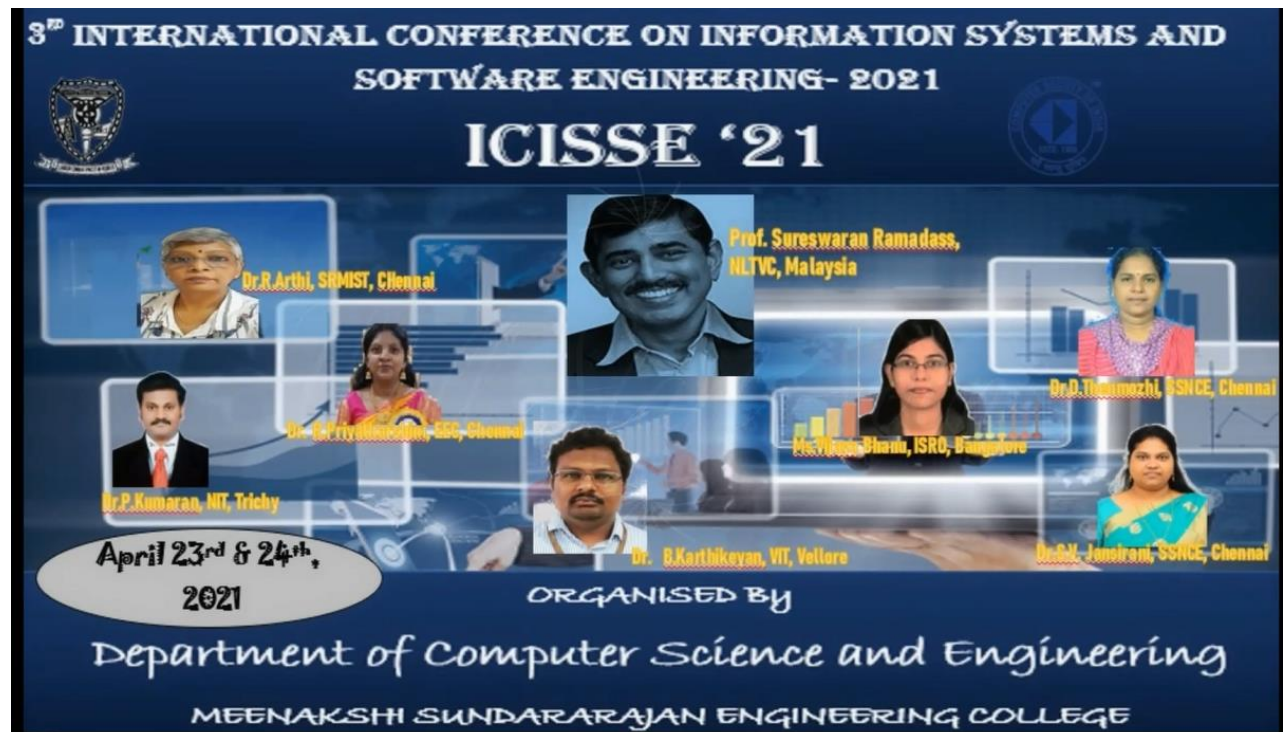


AGENDA

INVOCATION SONG
WELCOME ADDRESS
ADDRESS - By SECRETARY
INAUGURAL ADDRESS
- By CHIEF GUEST
FELICITATION ADDRESS
VOTE OF THANKS



The international Conference on Information systems and software Engineering - ICISSE '21 was organized by the department of Computer Science and Engineering in association with the Computer Society of India, Meenakshi Sundararajan Engineering College. This conference was conducted on 23/4/21 and 24/4/21 through online mode using zoom and google meet platforms due to the pandemic situation. The conference included keynote addresses from eminent academicians and industrialist and also presentations which were original research work of authors. Each day included two sessions and each session was coordinated by the faculty members. The detailed report on each session is attached



Day 1 :Session 1

Zoom link

Dr. Babai K S is inviting you to a scheduled Zoom meeting.

Topic: International Conference on ICISSE-2021

Time: Apr 23, 2021 09:30 AM India

Join Zoom Meeting

<https://us02web.zoom.us/j/83225595663?pwd=YkpaVGNYQ244TVpqWFFjd3Fvc0ZSZz09>

Meeting ID: 832 2559 5663

Passcode: p3WFHw

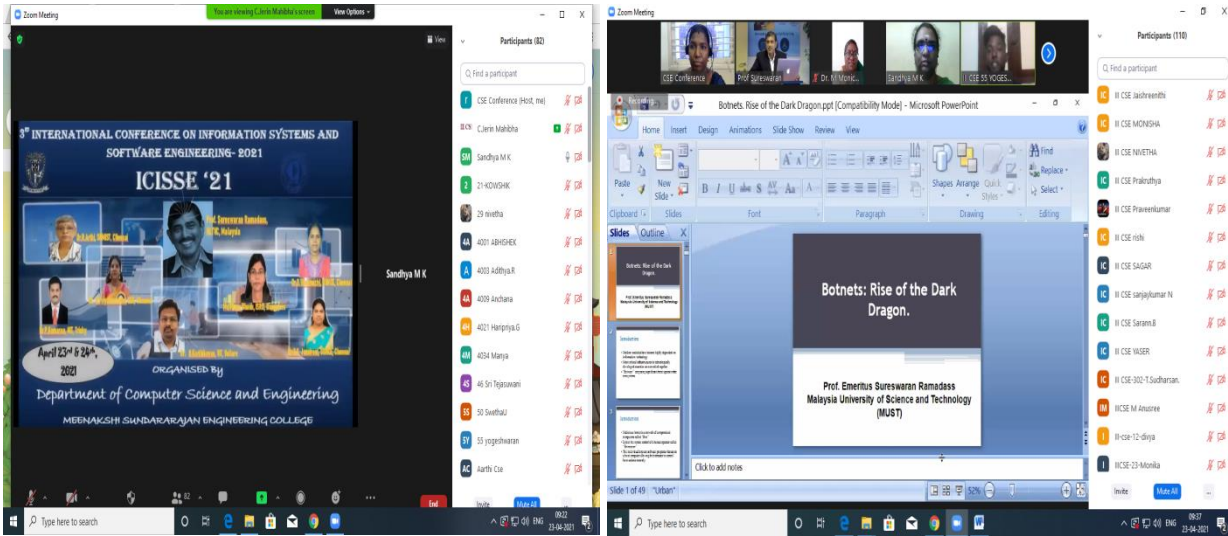
Invocation and College Song: Ms. Diksha, II CSE

Coordinator: Dr. M. K. Sandhya & Mrs. P. Revathi

Keynote Speaker: Prof. Emeritus Sureswaran Ramadass,
Malaysia University of Science and Technology

Keynote Address : Botnets: The rise of the dragon

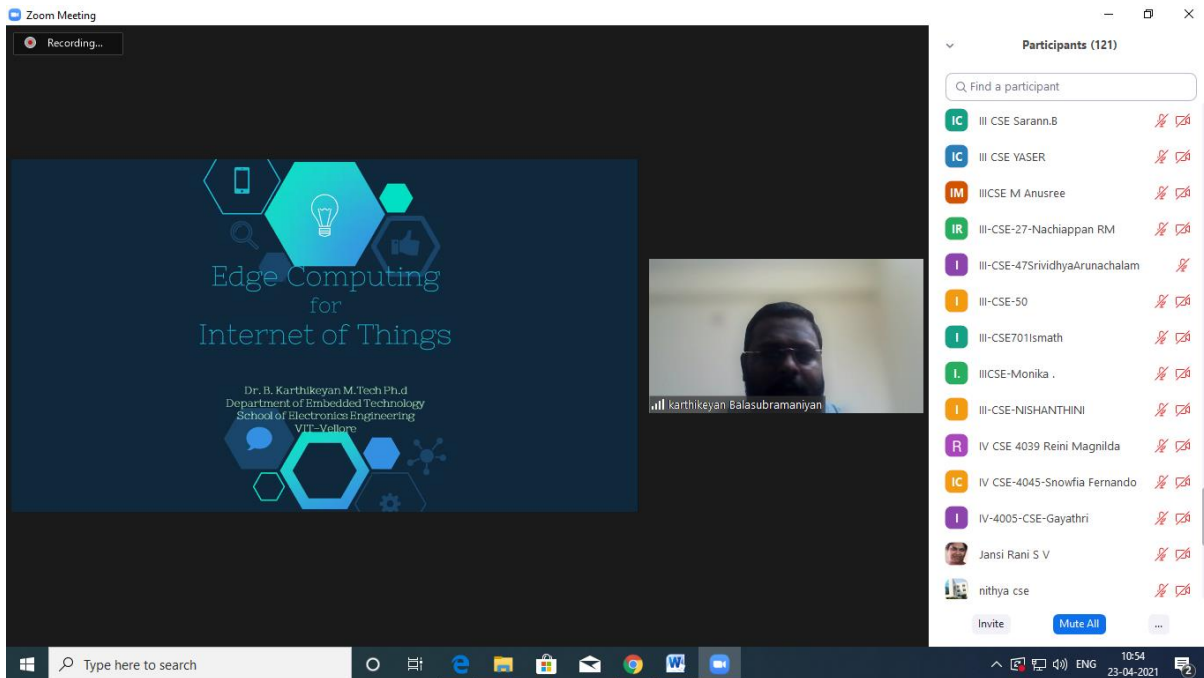
He discussed Bots, Botnets and Bot Controllers. One of the most significant threats to the internet today is the threat of Botnets “zombie armies”. These are networks of large numbers of “bots” that runs automatically and autonomously. They are remotely controlled by a master host through one or more controller host(s). These “bots” are used for malicious activities: The perpetrators use the master host to relay their commands to the “bots” via the controller hosts. These controllers could be IRC servers that are normally used to relay messages between clients.



Keynote Speaker : Dr.B.Karthikeyan, VIT, Vellore.

Keynote Address: Edge Computing for Internet of Things

The Internet of Things (IoT) and edge computing are related because edge computing addresses IoT challenges such as network congestion and latency. Network congestion results from a high density of IoT devices, their performance requirements, and the sheer amount of data they generate. Edge computing provides the ability to have local storage and local computation. Thereby, the device can continue to function even if it is not connected to the network.



Day 1 :Session 2

Zoom link :

Dr.B.Monica Jenefer is inviting you to a scheduled Zoom meeting.

Topic: International Conference - ICISSE 2021

Time: This is a recurring meeting Meet anytime

Join Zoom Meeting

<https://zoom.us/j/93759505946?pwd=WjVkbSTgzc09vWTNJNUoxUnIwK3V6Zz09>

Meeting ID: 937 5950 5946

Passcode: ICISSE

Coordinators: Mrs. V. Sundari & Mrs. M. R. Nithya

Keynote Speaker : Dr. S. V. Jansi Rani, Associate Professor, Dept. CSE, SSNCE

Keynote Address: Artificial Intelligence : It's not the future, It's now

She explained what is AI and its subtopics machine learning and deep learning. She also explained about the 3 types of machine learning (supervised learning, unsupervised learning and reinforcement learning. In the ML she also spoke about Training and Testing which helps the students to understand about the actual implementation of ML in AI. AI is on the verge of transforming daily life for millions of people, both at work and at home. From driverless cars to machines that can converse with humans, advances once considered science fiction are about to become commonplace. Companies that are poised to take advantage of these changes have the potential to reap new profits, and provide investors with opportunities that few could have imagined a decade ago.

The screenshot shows a Zoom meeting interface. On the left, a presentation slide titled "Artificial Intelligence: It's not the future, It's now" is displayed. The slide lists Dr. S.V. Jansi Rani, Associate Professor / CSE at Sri Sreenivasa Reddy College of Engineering (SSNCE), as the speaker for the International Conference on Information Systems and Software Engineering (ICISSE 2021) held at Meenakshi Sundararajan Engineering College in April 2021. On the right, another slide titled "Deep Learning" is shown, providing "The short answers" to a question. The answers are: 1. 'Deep Learning' means using a neural network with several layers of nodes between input and output. 2. The series of layers between input & output do feature identification and processing in a series of stages, just as our brains seem to. The Zoom interface includes a video gallery on the right with participants like CSE_Sundari and III-CSE-NISHAN...

The screenshot shows a Zoom meeting interface. The main slide is titled "Optimisation: Gradient Descent". It contains a bulleted list: Gradient descent is an optimization algorithm used to find the values of parameters (coefficients) of a function (f) that minimizes a cost function (cost). Gradient descent is best used when the parameters cannot be calculated analytically (e.g. using linear algebra) and must be searched for by an optimization algorithm. Compute derivative of error function - gradient. Below the text is a diagram illustrating the concept: a hiker (the weight coefficient) is shown climbing down a mountain (cost function) into a valley (cost minimum). The diagram shows the initial weight, the gradient (steepness of the slope), and the global cost $J_{min}(W)$. The Zoom interface includes a video gallery on the right with participants like CSE_Sundari and S.V.JANSI RANI/Assoc Prof CSE/SSNCE.

Keynote Speaker: Dr. R. Arthi, Associate Professor,
Dept. of ECE, SRMIST, Ramapuram Campus

Keynote Address: Role of Computer Vision to improve Software Engineering tasks

She gave a complete introduction about computer vision technology and how the software works behind this technology. Students got some more knowledge about computer vision and its implementation in software. She analyzed what computer vision techniques have been adopted or designed, for what reasons, how they are used, what benefits they provide, and how they are evaluated. Her findings highlight that visual approaches have been adopted in a wide variety of SE tasks, predominantly for effectively tackling software analysis and testing challenges in the web and mobile domains. The results also show a rapid growth trend of the use of computer vision techniques in SE research.

The presentation consists of four slides:

- Slide 1:** Title slide for "Role of Computer Vision to improve Software Engineering Tasks" by Dr. R. Arthi, Associate Professor, Department of ECE, SRMIST, Ramapuram Campus, dated 23.04.2021.
- Slide 2:** "Areas, Tasks and Platforms" - Software Engineering Areas and Tasks. A sunburst chart showing the distribution of tasks across platforms (Web, Desktop, Mobile, Others). Tasks include Design Search (3), Interaction Design (2), Prototyping (3), User Perception Prediction (5), Performance (1), Code / Documentation Search (1), Automated Code Generation (1), Feature Location (3), Test Suite Maintenance (2), Change Comprehension (3), Reverse Engineering (4), Requirement Modeling (2), Usability Testing (4), Root Cause Analysis (5), Test Case Generation (5), Unit Testing (6), Acceptance Testing (2), and Regression Testing (20).
- Slide 3:** "Overview of Computer Vision in Software Engineering". A line graph showing cumulative publication counts from 2001 to 2019. The Y-axis is "Cumulative publication count" (0-35) and the X-axis is "Publication year". The legend includes: Design (solid line with circles), Development (dashed line with triangles), Maintenance/Comprehension (dotted line with squares), Requirements (dash-dot line with diamonds), and Testing (long-dashed line with crosses). Testing shows the highest cumulative count, reaching approximately 35 by 2019.
- Slide 4:** A partial view of the line graph from Slide 3.

Day 2 – Session 1:
Google Meet Link :

CISSE - DAY 2- SESSION 1 - KEYNOTE ADDRESS 1

Saturday, April 24 · 9:15am – 12:15pm

Google Meet joining info

Video call link: <https://meet.google.com/fhr-ztor-hfg>

Or dial: ?(US) +1 774-277-8746? PIN: ?228 611 528?#

Meeting code: fhr-ztor-hfg

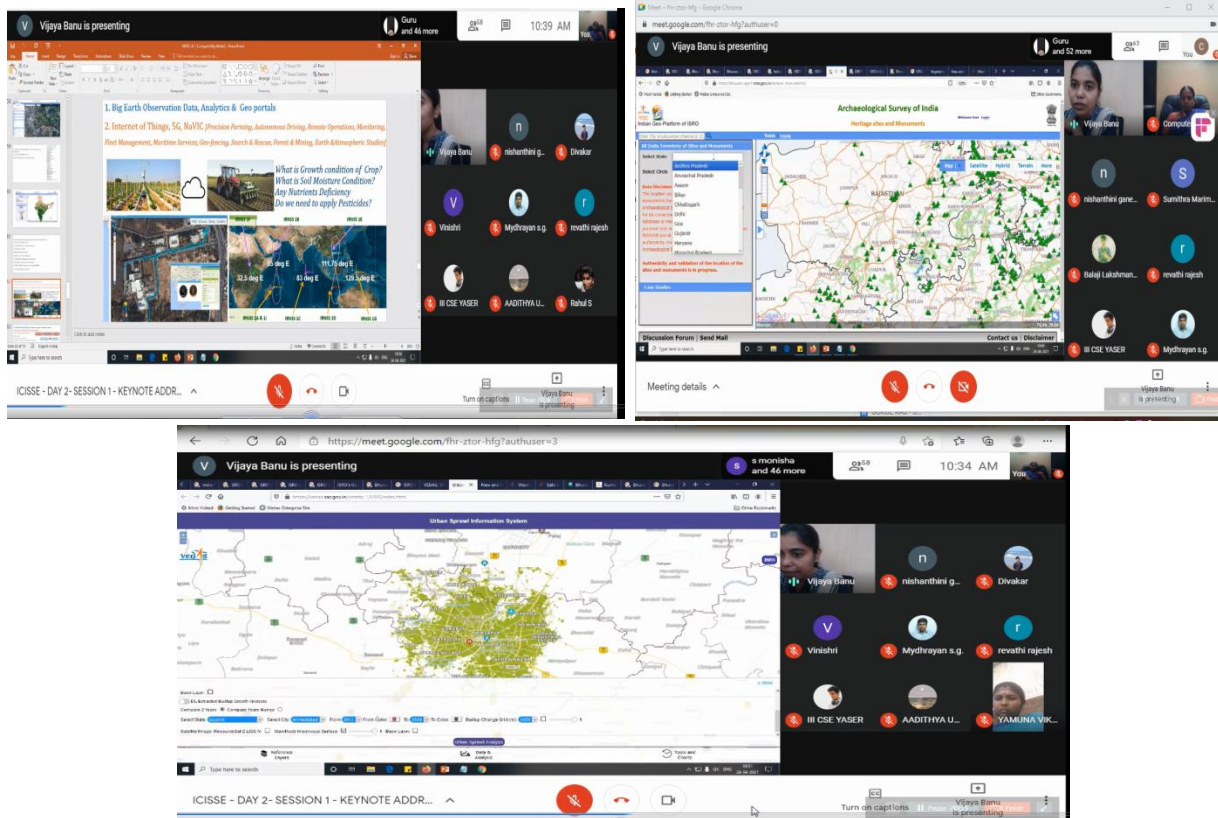
Invocation and College Song: VijayalakshmiK.R., IV CSE

Coordinator: Mrs.C.Jerin Mahibha and Mrs.S.Yamuna

Keynote Speaker: Ms.A.Vijaya Banu

Keynote Address : ISRO Geoportals and opportunities

The keynote address comprised of the geospatial portal details and the datasets that can be taken from them. The whole presentation was revolving around three portals namely, BHUVAN, VEDAS, and MOSDAC. The topic was introduced with BHUVAN, a portal with satellite imagery and maps where we can create, download, and analyze data of available timelines with 30 state portals and support 24+ ministries. VEDAS, an advanced analytical platform related to agriculture, energy, and more, is mostly used for research and training purposes and implements deep learning in its products too. MOSDAC, a weather and NRT platform where more than 190 products are available with downloadable data. Then it was followed by INVENTORY, PLANNING, AND MONITORING where the data monitoring using these portals for different fields like the department of posts, Archaeological survey of Indian monuments, etc were shown and explained. For BHUVAN panchayat 3.0 portal where for any region the panchayat borders and the resources available that were shown in the map, neighborhood mapping using GIS Viewer where our available text data can be converted to map, etc. BHUVAN data downloading takes only two steps, a) register in BHUVAN and b) download data you want in the format you need. For VEDAS Solar potential availability with bar graph display for available timeline can be done, plus, can be animated and downloaded too.



Considering the deep learning solutions used in VEDAS, Urban Sprawl information system was presented where the urban map for 284 different regions for available timelines were

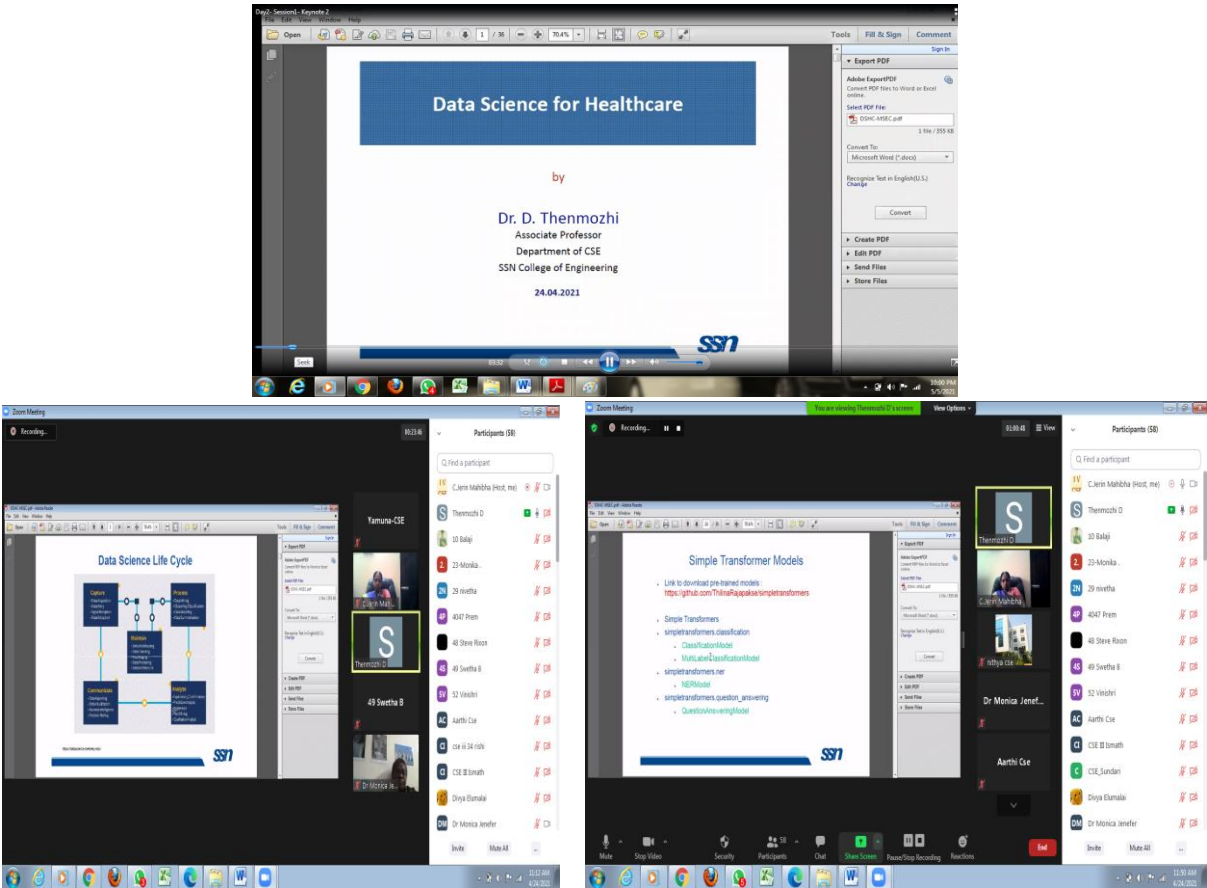
shown. Here Deep Learning was used for building footprints, road data extraction using drone data, Image enhancement, AVX data for snow coverage data in regions, etc. For MOSDAC, a city weather prediction system where the weather details for any region for the available timeline are obtained. Then followed the fields they're working on like Big Earth Data Observation and data analysis, cloud-native applications, machine, and deep learning, Auto ML sites, Robotic process Automation that is bots, Virtual, Augmented, Mixed Reality, Quantum Computing, Digital Twin using IoT, Simulation, CyberSecurity, Big Data, Machine Learning, Geospatial, etc. It then concluded with the resource pages where the site URL for all the portals plus the other systems which were discussed in this presentation plus an introduction to BHUVAN API where we can integrate the different themes available to the Application we're building for which we need Access Token which is available when we go there to the site itself.

Keynote Speaker: Dr.D.Thenmozhi, SSNCE, Chennai

Keynote Address : Data Science for Healthcare

The presentation started with an introduction to what data science is, an interdisciplinary field that uses scientific methods, processes, algorithms, and systems, and extracts knowledge from both structured and unstructured data since it's inter-disciplinary thus used in data mining, data extraction, deep learning, machine learning. Then follows the data science life cycle which comprises capture where data extraction, entry, signal reception, and acquisition are done, communicate where data reporting, visualization, Business Intelligence, Decision Making are done, analyze where Exploratory/Confirmatory, Predictive Analysis, Regression, Text Mining, Qualitative Analysis are done, the process where data mining, modeling, summarization, and clustering are done and maintain as, in data warehousing, cleaning, Staging, processing, Architecture are done, thus the cycle continues this way. Then came the major fields where data science's applications were like Healthcare, Transport, Finance, E-commerce, Manufacturing, Banking.

Here the speaker presented the data science used for the healthcare field. The speaker then discussed the new movement where data directly from customers wearables (pedometers, Muse headbands, Fitbits, etc.), blood pressure cuffs, glucometers, and scales into EMRs through smartphones (Samsung health, Google Fit are examples). In this field the data science is used for a) analysis for pattern identification, hypothesis testing, risk assessment, and b) prediction with machine learning models that predict the likelihood of an event occurring in the future based on known variables. Then followed the use cases of data science in healthcare, For Drug Discovery where simulation of reaction of a drug with body proteins and different cells and conditions are done using big data plus the speaker gives hints about the BenevolentAI is used to discover new medicines and cures excessive daytime sleepiness in Parkinson's disease,



For Disease Prevention where risk recognition and recommendation of prevention plans before health risks are given by analyzing the data from the wearables and other devices plus the speaker hints about Omada Health, a smart device to create personalized behavior plans and online coaching for healthy lifestyle, Propeller Health, a GPS-enabled tracker for inhaler usage and synthesizes data on at-risk individuals with environmental data to propose interventions for asthma sufferers and Awake Labs where the data of children suffering from autism through wearables are racked to alert their parents before their meltdown occurs, Medical imaging, the most effective use of data science in healthcare and medical field where MRIs, X-rays, mammograms and other types of images, identify patterns in the data and detect tumor, artery stenosis, organ anomalies, and more, For treatment with more data on individual patient characteristics its possible to be more precise in prescriptions and personalized care with genomic study helps for customized treatment, Biomarker model for customization of treatment using gene data, Gene therapy where inserting genetic material into cells instead of traditional drugs to compensate for abnormal genes, Remote in-home monitoring where doctors keep in touch with patients in real time while freeing limited and costly hospital resources. Then follows social media in healthcare where detection and tracking of infectious disease outbreaks and many more are explained briefly to the audience. Then concluded with research outcomes and resources of the presentation.

Day 2 – Session 2:

Zoom Link :

Dr.B.Monica Jenefer is inviting you to a scheduled Zoom meeting.

Topic: International Conference - ICISSE 2021

Time: This is a recurring meeting Meet anytime

Join Zoom Meeting

<https://zoom.us/j/93759505946?pwd=WjVkSTgzc09vWTNJNUoxUnIwK3V6Zz09>

Meeting ID: 937 5950 5946

Passcode: ICISSE

Coordinator: Mrs.S.Aarthi and
Mrs.M.Sumithra

Keynote Speaker: Dr.P.Kumaran, NIT, Tiruchirappalli

Keynote Address : Raspberry Pi/ Arduino and applications to IoT/ healthcare

The speaker started with the introduction about the raspberry pi and Arduino where raspberry pi, a pocket/ ATM sized computer, is more like the processor and Arduino is the controller and raspberry pi, with which everything can be performed, works with 10+ programming languages and briefs about the raspberry pi 2,3 and current model 4 details. He also briefed about the 40 input-output pin structure and their uses and the Remote logging hat is the procedure to implement raspberry pi in real-time. Then continued with project implementation using each of them individually. For the raspberry pi project intelligent walking assistive device for object detection, recognition with path navigation for visually impaired people in a real-time environment is shown. From briefing about assistive technologies for visually impaired people followed by a briefing about the assistive devices and technologies available and usage timeline to the system, architecture is briefed by the speaker. As for the implementation part, the distance monitoring using ultrasonic sensor output was shown and briefed. For the Arduino project, the emergency health tracking system with a Heart rate sensor was briefed with a health tracking system where an alert is sent to the responsible for the attacks or any other emergencies are sent. The speaker also briefed about the software and hardware components used for this project like the pulse sensor, a well-defined plug and play heart-rate sensor for Arduino and the hardware of it, display heart rate sensor data on LCD, interfacing with GSM and GPS module plus the usage and testing details were briefed to the audience. Thus concluded with the emergency health tracking system implementation and module output is shown and briefed.

Keynote Speaker: Dr.R.Priyatharshini, EEC, Chennai

Keynote Address : Fundamentals of Data Science

The speaker starts with big data sources followed by data science, a blend of various tools, algorithms, and machine learning principles to discover hidden patterns or knowledge from a huge amount of data for the introduction. Then continued with customer purchasing

data analytics where amazon, which collects data, segments it and draws a pattern and recommends the right product to the right customer at the right time is taken as a source of example and briefed. Then followed the life cycle of Data Science with a) discovery b) data preparation c) model planning d) model building e) operationalize f) communicate results and the cycle continues. Then the explanation about the tools used in data science is followed and was briefed. Then artificial intelligence for data science was briefed with AI technologies that are Artificial Intelligence, Machine Learning, Deep Learning details plus their lifetime briefing was given, followed by a comparison between AI and Data Science was briefed too. Then Machine Learning basics were explained and the Machine Learning algorithms by learning style were briefed followed by a comparison between Deep Learning and Machine Learning was given which was followed by data science applications. Simple data science projects were also briefed like the detection of Parkinson's Disease, Drowsiness detection system, Uber data analysis project, credit card fraud detection with machine learning, and customer segmentation with machine learning where the abstract of the project plus the algorithm used for data computation was briefed. Thus concluded with links for the dataset used for experiments and AI model building without coding site URL were given with contact details.

Paper title: Detection of Cyberattack using Machine Learning Algorithm

Speaker Author : Shaik Rafi and team

Abstract :

This team from Hindustan College of Engineering and Technology proposed a system on DETECTION OF CYBER ATTACKS USING ML ALGORITHMS where they briefed about the system abstract followed the literature survey, comparison between the existing systems and ideas, then system details, its workflow, module description, and at last implementation briefing. The proposed system used the Ensemble method which is used to combine the decisions from multiple models to improve the overall performance, identified the best ML algorithm to detect cyber attacks with high accuracy than the existing techniques, used Logistics regression, K Nearest Neighbour, Random Forest, Support Vector Machine and Decision Tree to classify the websites as legitimate and phishing thus concluded with the implementation description, testing and evaluation details to the audience.

Paper title : Traffic and Accident Prediction Using Deep Learning

Speaker Author : Samanthapudi Anil and team

Abstract :

This team from Hindustan College of Engineering and Technology proposed a system on TRAFFIC AND ACCIDENTS PREDICTION USING DEEP LEARNING where they briefed about the system abstract followed the literature survey, comparison between the existing systems and ideas, then system details, its workflow, module description and at last implementation briefing.

The basic idea of this proposed system is to classify the given input image or video to dense or sparse traffic based upon the trained model and the input collected from the

surveillance cameras in the form of pictures or videos. The traffic condition was is extracted and interpreted for classification using Convolutional Neural Network. To improve detection accuracy the feature differences between traffic images obtained using surveillance cameras is considered thus concluded with the implementation description, testing and evaluation details to the audience.

Paper title: IoT based stress detection and cognitive training in frail people using wearable sensors

Author: Amrutha.D and team

Abstract:

This team from Salem college of engineering and technology proposed a system on IOT BASED STRESS DETECTION AND COGNITIVE TRAINING IN FRAIL PEOPLE USING WEARABLE SENSORS where they briefed about the system abstract followed the literature survey, comparison between the existing systems and ideas, then system details, its workflow, module description and at last implementation briefing. The idea of this proposed system is to detect stress in frail introverted people using wrist bands with wearable sensors where they analyse each person's stress level using an IoT module and give personalized training. In this presentation they've taken up the system use case for Mild Cognitive Impairment. Here they read the stress level before and during the cognitive training session and analyse data for each patient and personalise the training according to the reading. The training and stress monitoring is taken using wearables and monitored by the mobile application thus concluded with the implementation description, testing and evaluation details to the audience.

Paper title: An Intelligent Approach for Dental Disease Detection using Faster R CNN Method

Author : K. Rammohan Reddy and team

Abstract :

This team from Hindustan College of Engineering and Technology proposed a system on AN INTELLIGENT APPROACH FOR DENTAL DISEASE DETECTION USING FASTER R CNN METHOD where they briefed about the system abstract followed the literature survey, comparison between the existing systems and ideas, then system details, its workflow, module description and at last implementation briefing. The idea of this proposed system is webapp based on the clinical images collected from private dental clinics, an automatic diagnosis model trained by Faster R-CNN using Densenet architecture is developed for the detection and classification of 3 different dental diseases including frontal cavities, inner cavities, and the oral cancer with more diagnosis accuracy thus concluded with the implementation description, testing and evaluation details to the audience.

Paper title: An Enhanced Novel Optimal Algorithm For Improvising Storage and Access of archived Data using Blockchain

Author : Prakash Mathialagam and team

Abstract:

This team from MIT proposed a system on AN ENHANCED NOVEL OPTIMAL ALGORITHM FOR IMPROVISING STORAGE AND ACCESS OF ARCHIVED DATA USING BLOCKCHAIN where they briefed about the system abstract followed the literature survey, comparison between the existing systems and ideas, then system details, its workflow, module description and at last implementation briefing. The idea of this proposed system is to ease the access of the usage of an application decentralized application which is not hosted on a central server but stored on a public and decentralized block chain implementing distributed ledger technologies. The user must join the initiation then authenticity is checked for each transaction required and from the database the blockchain manages the transaction details and process. This system, in short, with block chain provides data access and sure storage of records for granular access rules overcoming the scalability problems thus concluded with the implementation description, testing and evaluation details to the audience.



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Department of Computer Science and Engineering

Guest Lecture - “Compilers and Memory management”

Academic Year :2020-2021 (Even)

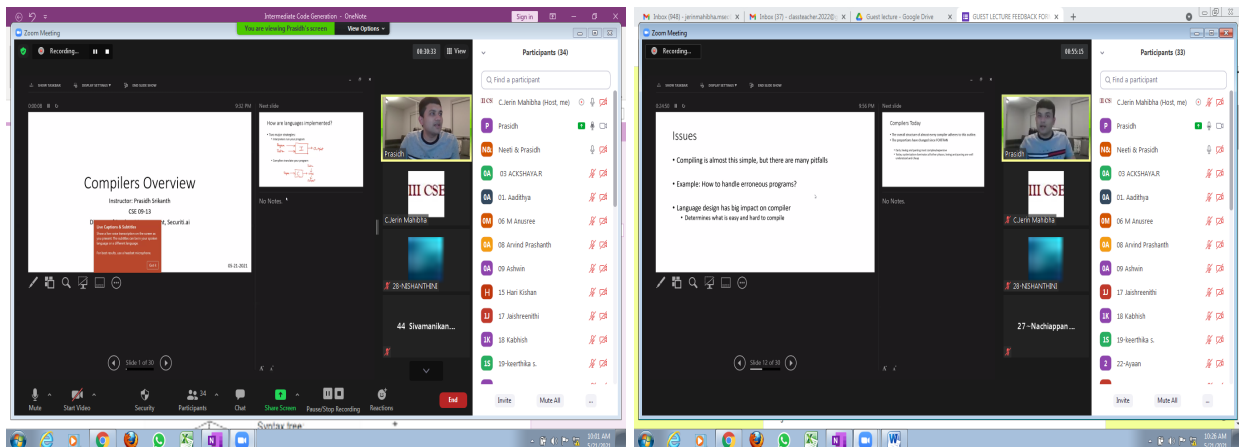
Date: 21/5/2021

Batch : 2018-2022 (III CSE – Sem : 6)

A guest lecture was arranged by the department of Computer Science and Engineering and Computer Society of India on the topic “Compilers and Memory Management” for the students of III Year (Batch : 2018 – 2022) Computer Science and engineering on **21/5/2021** by **Mr. Prasadh. S**, Director of Product Development, Securiti, US. He delivered the guest lecture on the topic “Compilers and memory management”.

Initially, He explained how languages are implemented and about the two major strategies Interpreter based and Compiler based and explained the difference between the interpreter and the compiler. He gave some information about language implementation methods like batch compilation, interpretation and the combination of both.

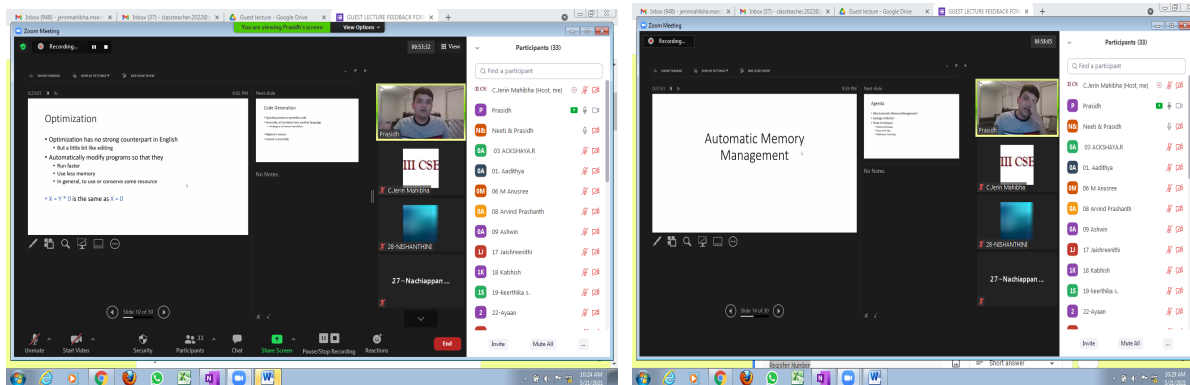
After that he listed out the history of High-level languages. Then he explained about the phases of compilers. It includes Lexical analysis, Parsing, Semantic analysis, Code generation and optimization. He gave basics about each of the phases with suitable examples.



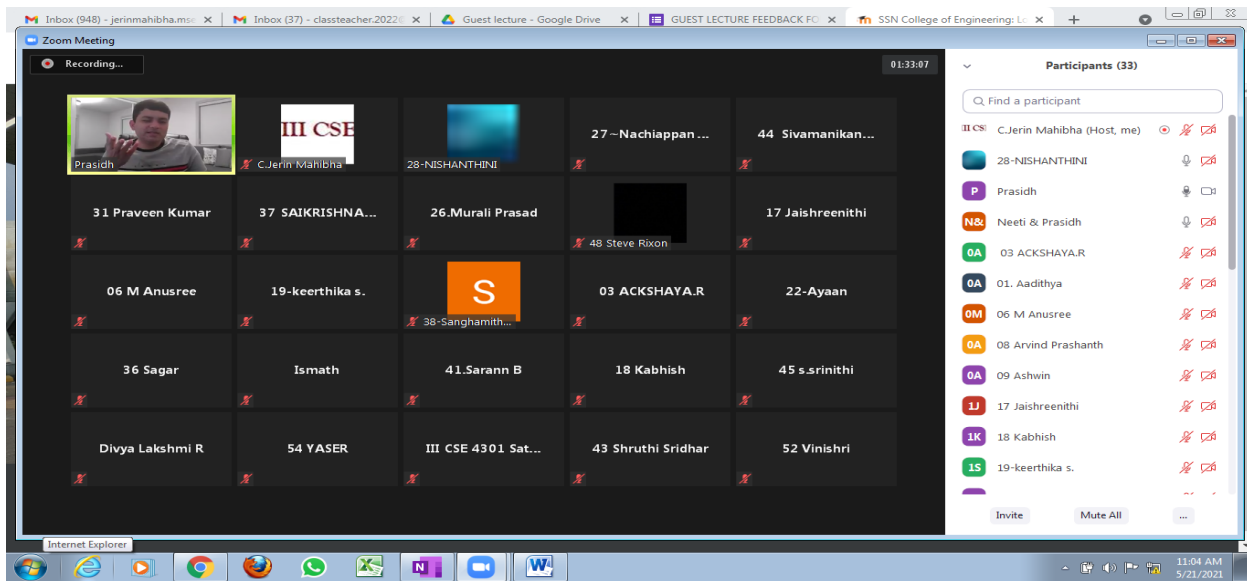
After that he discussed the compilers which we’re using today and he said that in early stages lexical analyzer and parser are most expensive but today the optimization phase dominates all

other phases. Then he moved on to the topic called Automatic memory management. In that he covered why we go for automatic memory management, Garbage collection and the three techniques (Mark and sweep, Stop and Copy, Reference Counting).

The basic idea behind the automatic memory management is to deallocate the unused space of an object but we need to check whether it is used or not using a heuristic function. He clearly explained all the methods (Mark and sweep, Stop and Copy, Reference Counting) and the Garbage collection (deallocating the unused space of an object). Finally, he also evaluated the advantages and disadvantages of all the three methods (Mark and sweep, Stop and Copy, Reference Counting) individually.



On the whole, the session was very helpful and it was interesting to learn about various things about the compilers. We learned about the behind the scene things like memory management and its types and the evaluation of each. From that we were able to realise/visualise the things which are happening during the compilation process.



J. S. S.

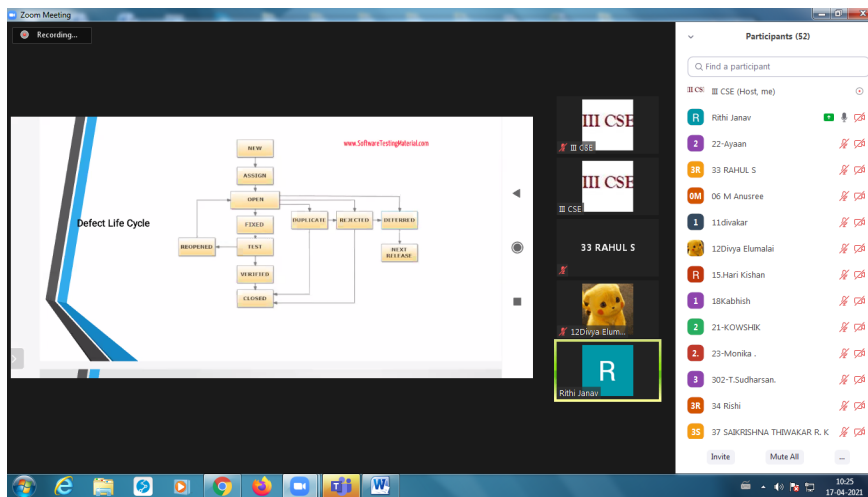
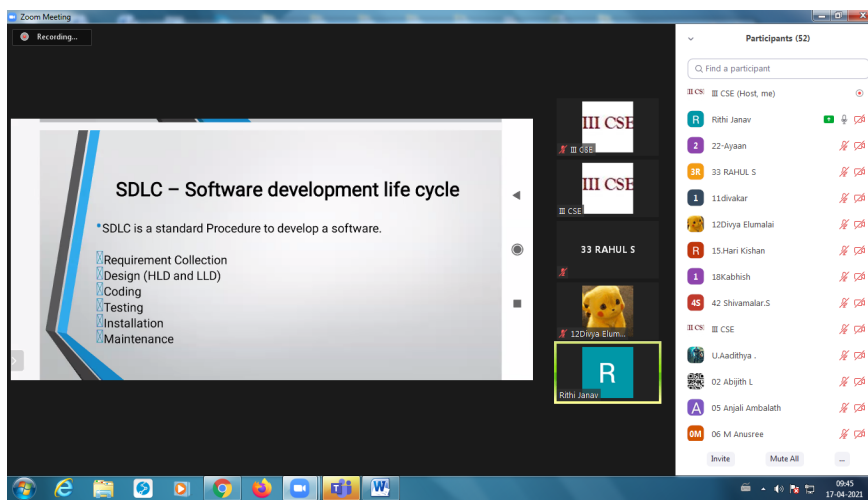
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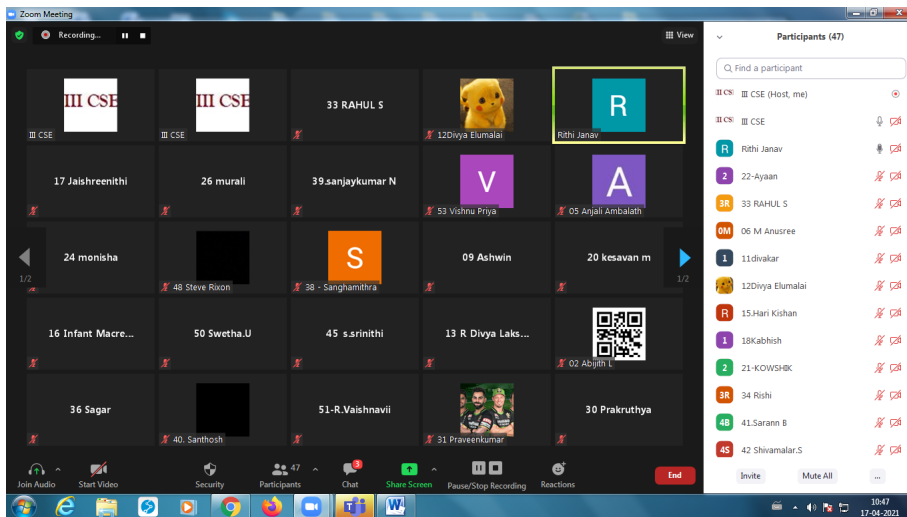
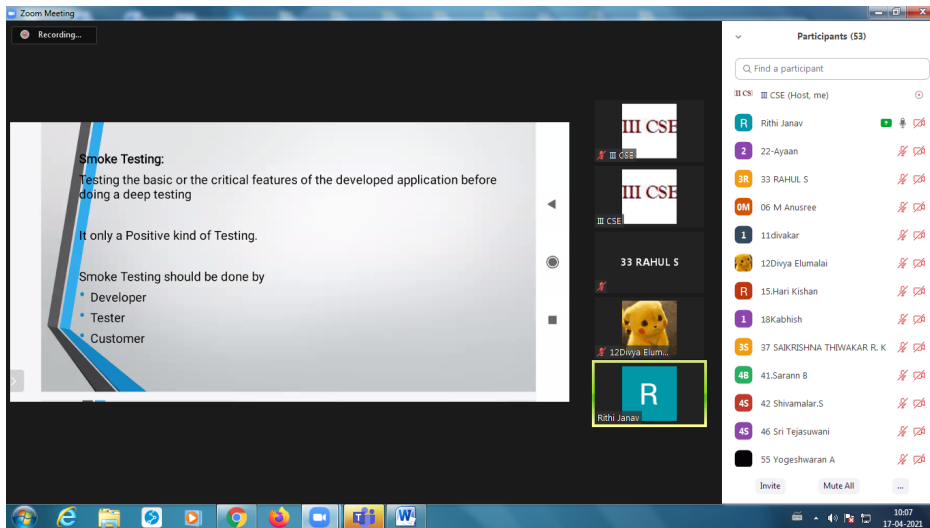
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEBINAR REPORT

The webinar on the topic Software Testing was held on 17/4/2021 . The lecture was presented by Ms. Archana (Software Tester, TCS). Initially she clearly explained the need of software testing and where it was used and how it was used by them . So, the students can easily able to understand about software testing and its need in IT industries. She also explained about Software development life cycle.



She gave a detailed explanation about types of testing and the software testing life cycle which gave them a clear-cut idea about software testing. This helped a lot to understand the subject.



Finally, the students asked questions and cleared their doubts.

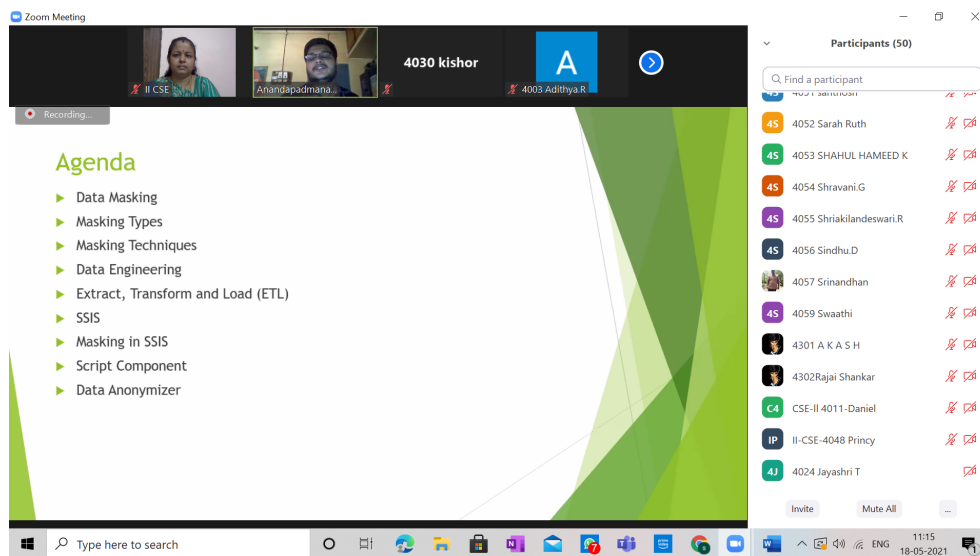
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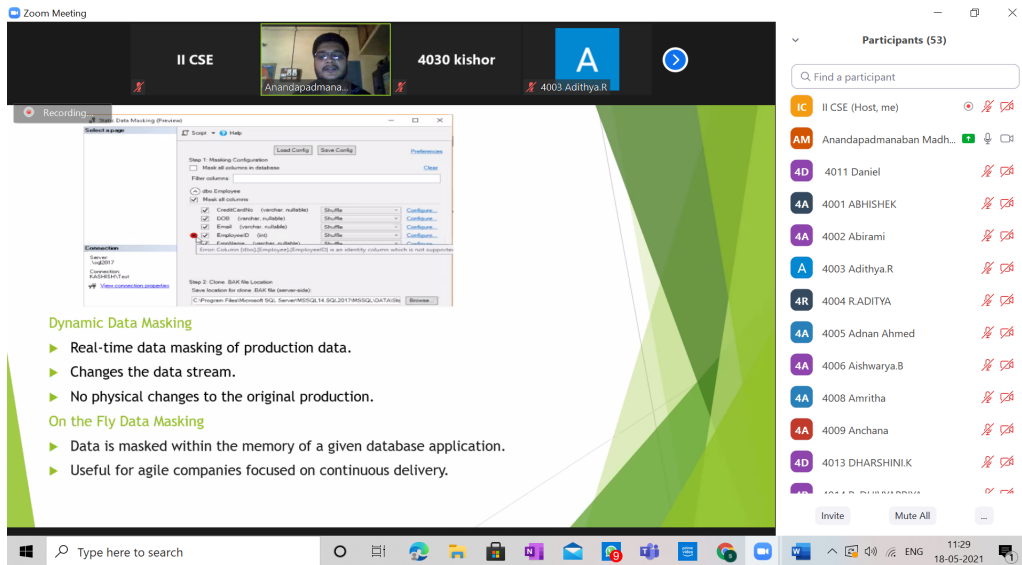
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEBINAR REPORT

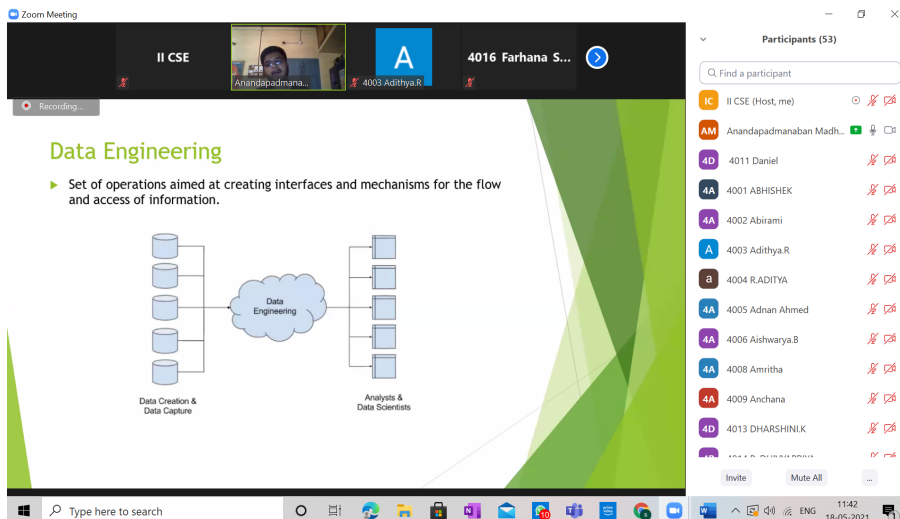
The webinar on the topic Data Masking in Engineering was held on 18/5/2021 . The lecture was presented by Mr. Anandha padmanabhan Madhavan (senior system engineer in Infosys). Initially he clearly explained the need of data Masking and where it was used. So, the students can easily able to understand about data Masking and its need in data engineering. He also spoke about data masking in UK.



He gave a small introduction about data masking and the features of data masking which gave them a clear-cut idea about data masking. secondly, he classified the methods of masking as two types static data masking and dynamic data masking. He explained the both methods using the toolkit, which gave them a practical knowledge about data masking. After the masking techniques clear explanation, he spoke about the techniques of the data masking which included Encryption, character scrambling, Nulling out or detection, Number and date variance, substitution and shuffling.



The each and every above-mentioned technique was explained with the practical examples which helped the students to have a better understanding on it. The next important topic which was presented in the lecture is DATA ENGINEERING. Then the ETL (extract transform load) process in data engineering was explained with the relevant examples. He also mentioned some ETL tools, which was useful for the students to practice. After explaining about ETL process the lecturer focused about sequence server integration service. He explained the making of SSIS step by step using the tool kit.



Finally, he gave few points about data Anonymizer and its properties. On the whole at the end of this lecture the students got more knowledge about data masking in data engineering.


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Department of Computer Science and Engineering

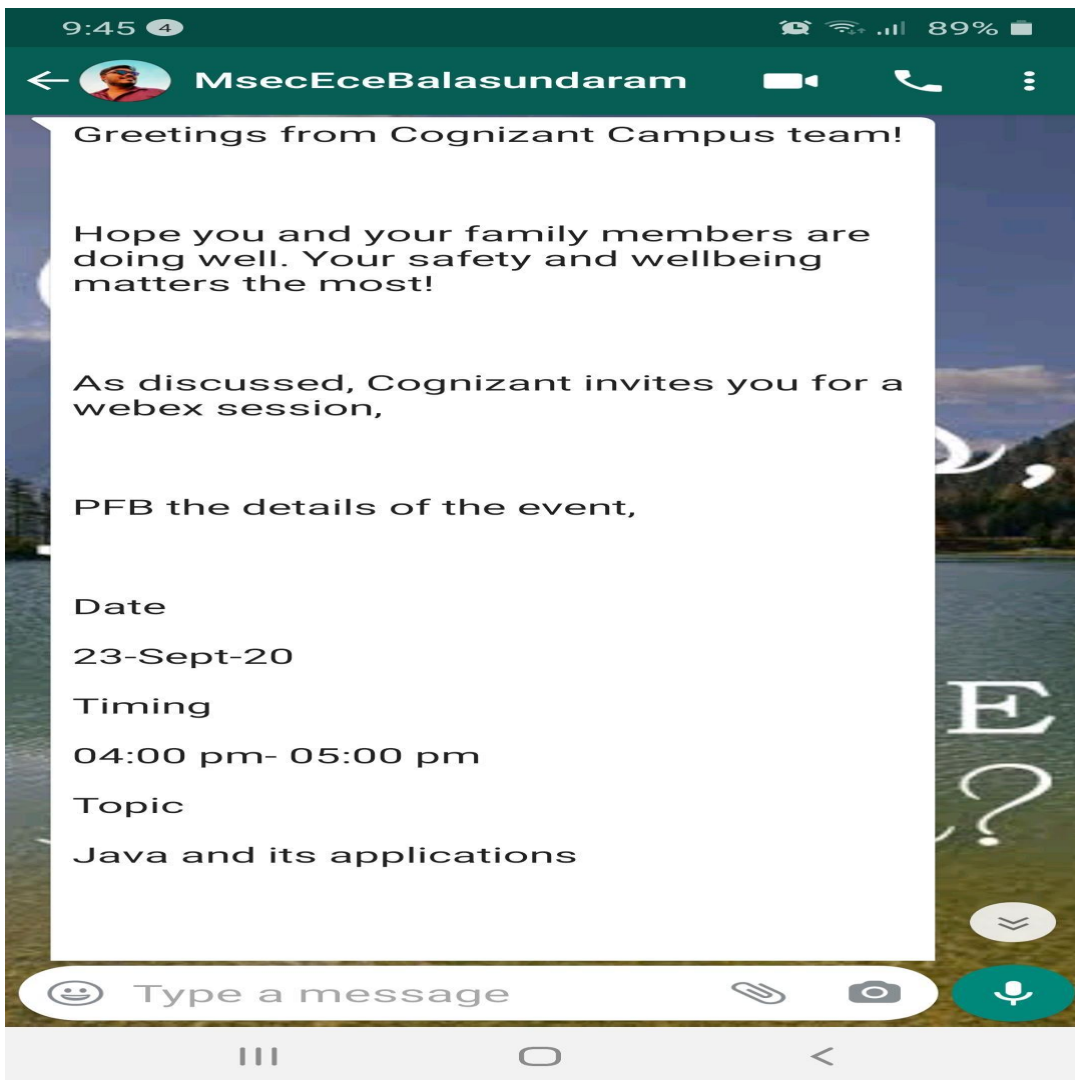
Guest Lecture - “Java and its Applications”

Academic Year :2020-2021 (odd)

Date: 23/9/2020

Batch : 2019-2023 (II CSE)

Cisco WebEx meeting Schedule:



9:54 4

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MsecEceBalasundaram



Instructions to login WebEx:

1. The participants are requested to click on the link below.

Join Webex Meeting from a Browser (Use Call using Computer for HD Audio experience)

<https://cognizantcorp.webex.com/meet/InfantiousBryan.Cisarriol>

2. Clicking on the link, it will redirect to the web browser. It is advised to use "Google Chrome" as default browser while using the WebEx application.

3. Follow the instructions, which will guide you to install the application temporarily.

4. While clicking on the file that was downloaded, it would request for some basic information such as your Name, email ID etc.,

5. On giving them, you will be directed to the event window. Please be on mute until the event starts.

6. It is advised to wear earphones for better understanding & listening.

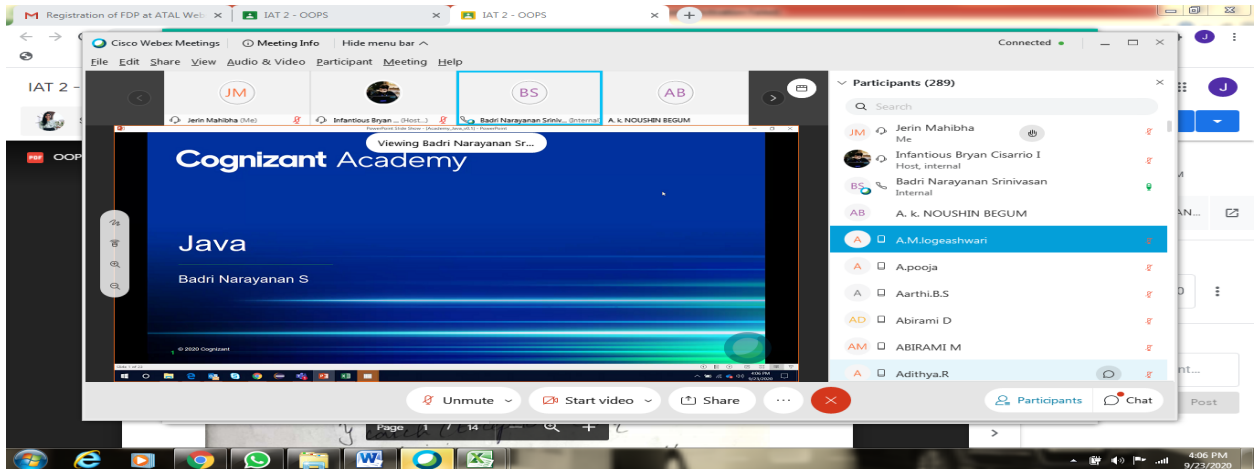
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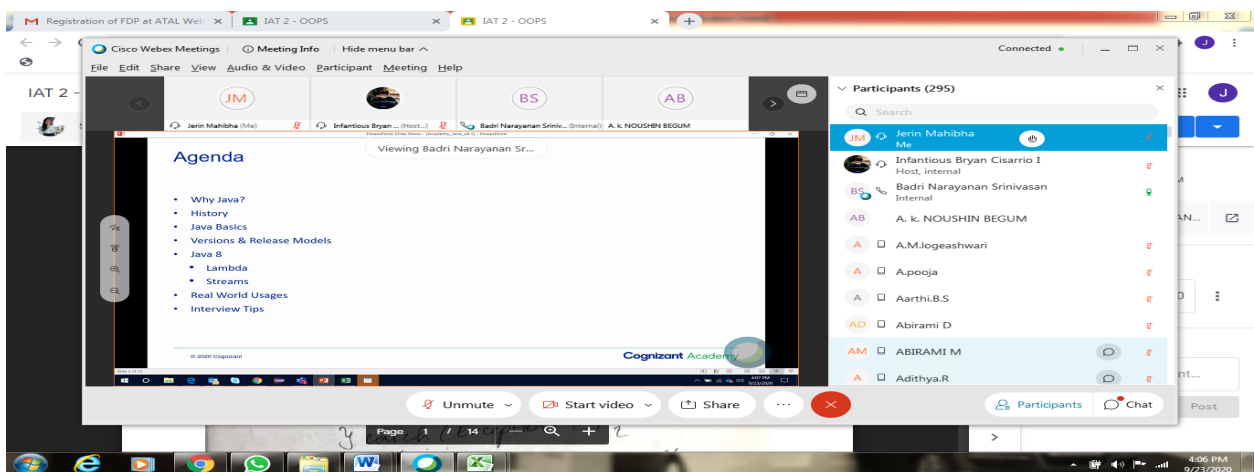
Type a message



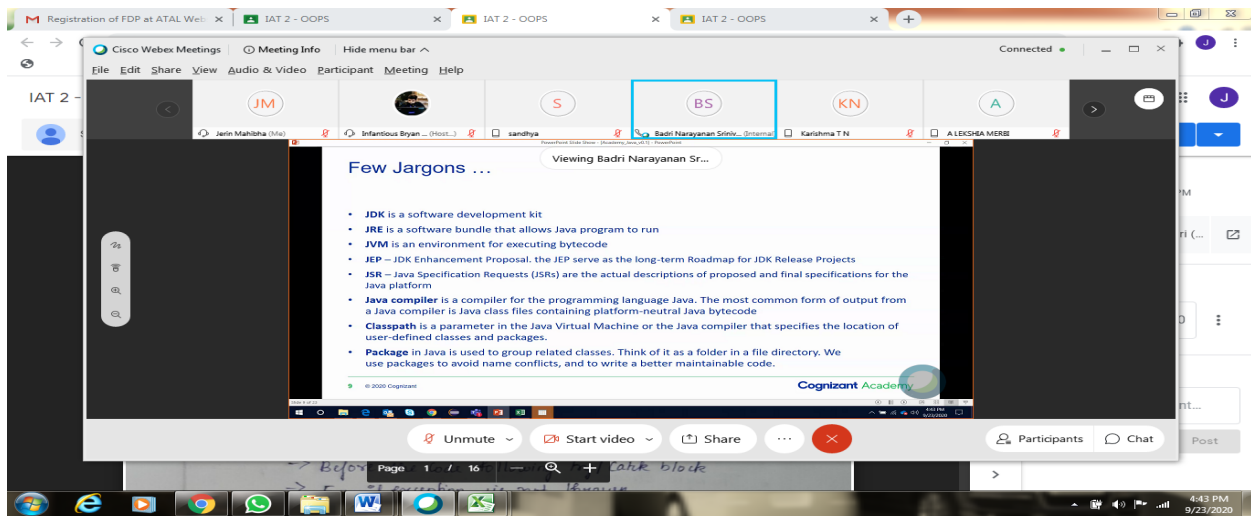
A guest lecture was arranged by the department of Computer Science and Engineering and the placement cell on the topic “**Java and its applications**” for the students of II Year (Batch : 2019 – 2023) Computer Science and engineering on **23/9/2020** by **Mr. Badri Narayanan.S**, Cognizant Technology Solutions. The guest lecture gave a detailed description about the history, important features and applications of Java



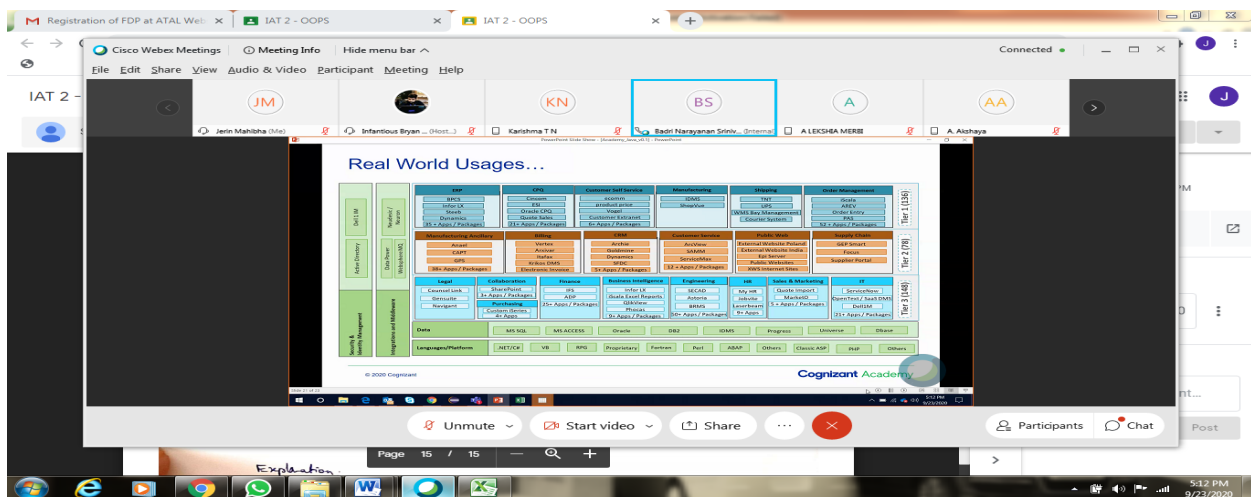
Mr. Badri Narayanan Srinivasan started his presentation about java and why it's so popular. He specified that java is highly recognized for its scalability and portability across multiple platform from mainframe data centers to smartphone and he also mentioned that one of the biggest reason for java's popularity is its strong and active community support. And he started with java's history that it is in usage from the year 1991.



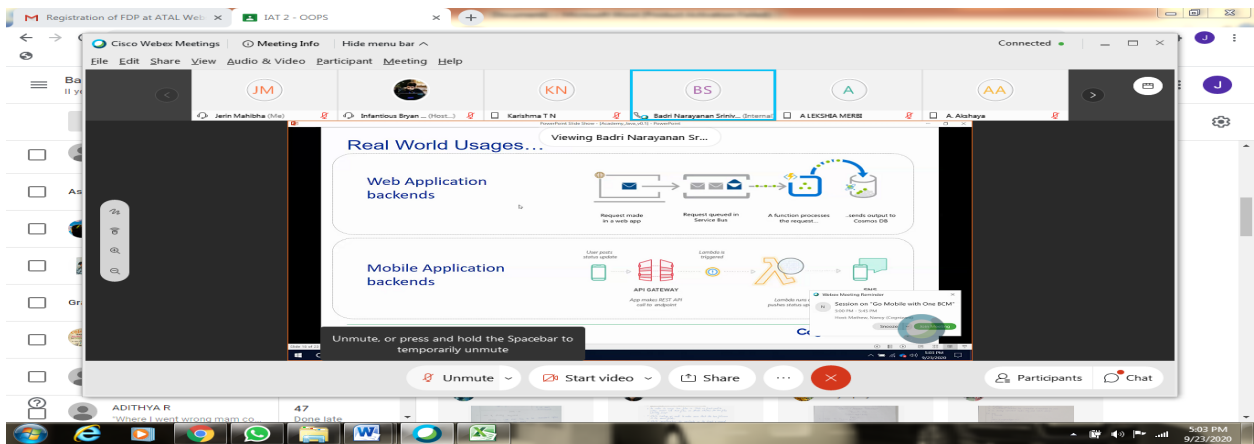
He listed some few basic features of Java like data types, keywords, arrays, enums etc. Then he mentioned about the various versions of java from JDK. He also talked about few jargons like JDK, JRE, JVM. He discussed about java release model and long term support as oracle JDK and open JDK . He taught many advanced concepts like static method, functional interface, lambda expressions and streams. Lambda expression was a new concept and is a short block of code which takes in parameters and return a value which is similar to methods, but do not need a name and they can be implemented right in the body of the method.



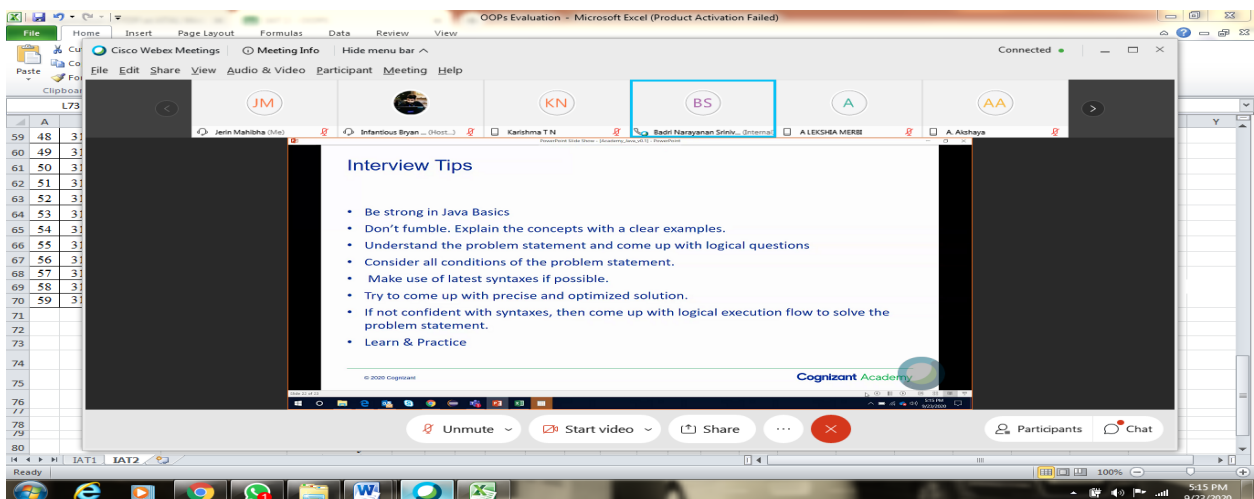
Then he came out with real time world usages of java, ie. Applications of Java. He explained how Java is used along with big data technology, android app developments, sever apps at financial services industry and web applications. He also focused on how java plays an import role in web based stream, software tools application and trading applications.



Then he started explaining about real time usages with an example as real-time file processing in which lambda runs image resizing code for different platforms like web, mobile and tablet. When we view or search for any information in internet we use different gadgets, so all the viewing designing will be different. So as a software developer design depends upon gadget, but java reduces the effort of the developer. He also dealt with automation of garbage collection where unwanted data is efficiently cleaned at predefined times. He also touched on web based application development using Java. He clearly explained Java concepts with examples.



At last he given some interview tips. He said to be strong in java basics and should not fumble. He emphasized to understand the problem, study the situations and come with logical and innovative solution. As innovation the solution developed should be precise and optimized. And finally he said, to be confident with the Java concepts, one has to do is learn and practice. This session helped to get an insight into the applications of Java.





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CSI SEMINAR SUMMARY

SEMINAR REPORT

III Year / V Semester (2018 – 2022)

A seminar was conducted for the students of Third year CSE on 8th June 2020 in the topic “Website Development using Spring Boot with Mongo DB” for the benefits of the students (57) to explore more in Object Oriented Analysis Design and its Lab. The Session was handled by Mr.RUSO , Associate Consultant, WIPRO. In this current generation, technology has made lives easier and it has become mandatory to learn new whereabouts to cope up with the current trend.

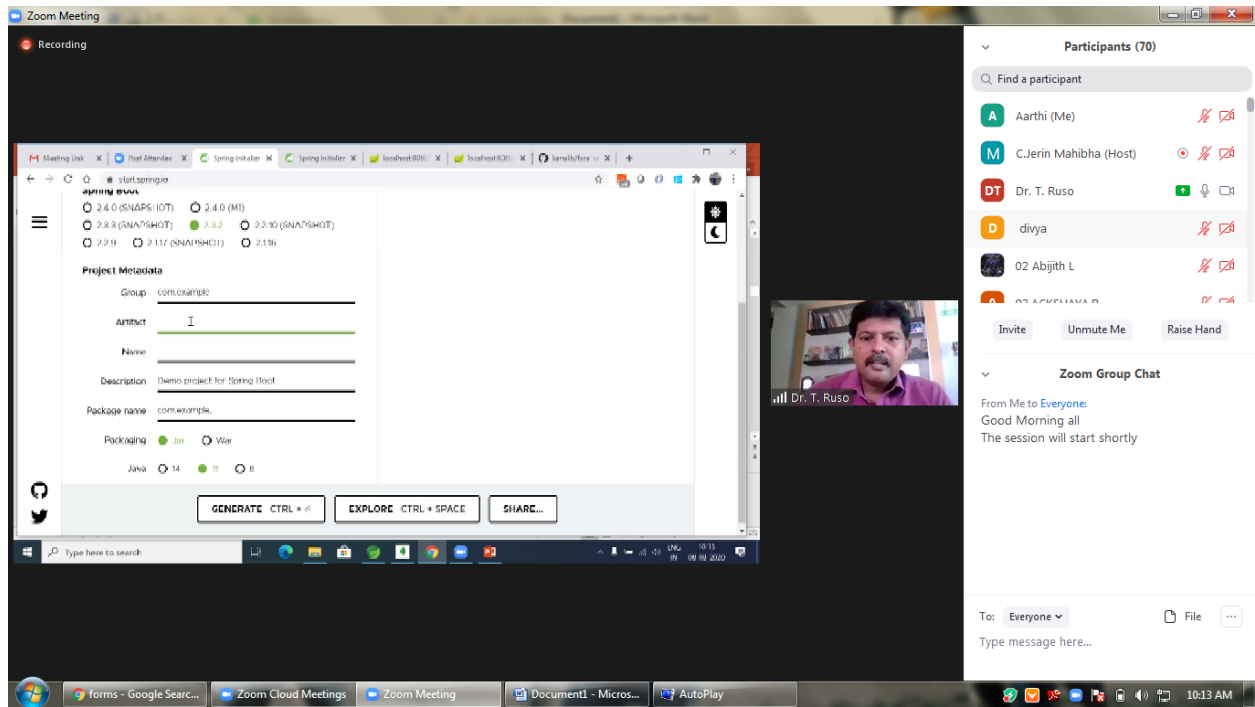
The screenshot shows a Zoom meeting interface. The main content is a presentation slide with a dark blue background and white text. The slide title is "Website Development using Spring Boot with MongoDB". Below the title, it lists the speaker as "Dr. T. Ruso, Associate Consultant" with contact information: "ruso.14@wipro.com", "+91-44-39290000", and "+91-9841492810". The address is "Wipro Ltd., ELCOT SEZ, Survey No.602/603, Sholinganallur Medavakkam Road, Sholinganallur, Chennai-600119, India." At the bottom of the slide, there are two boxes: "+91-0361941110" and "racingruso@gmail.com".

On the right side of the Zoom window, there is a "Participants (70)" list. The list includes: "Aarthi (Me)", "C.Jerin Mahibha (Host)", "Dr. T. Ruso" (with a microphone icon), "dliya", "02 Abijith L", and "03 AKSHAYA B". Below the list are buttons for "Invite", "Unmute Me", and "Raise Hand".

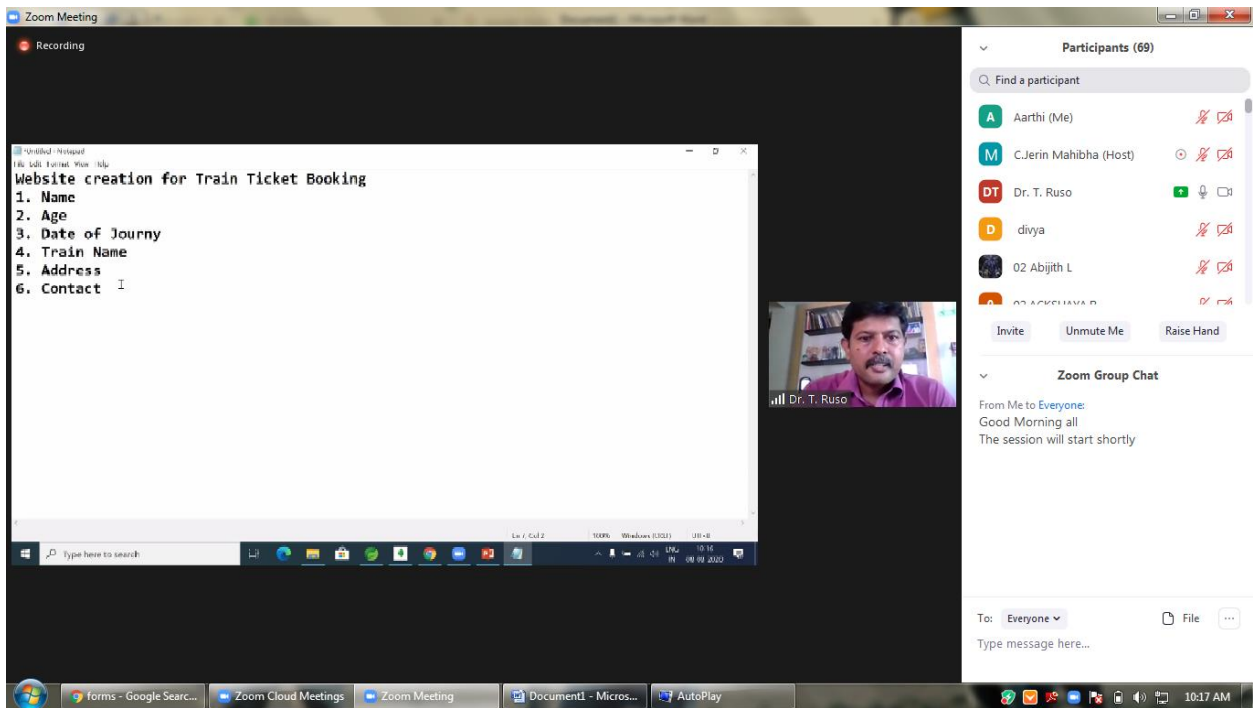
Below the participants list is a "Zoom Group Chat" section. It shows a message from "Me to Everyone": "Good Morning all" and "The session will start shortly". At the bottom of the chat, there is a "To: Everyone" dropdown, a "File" icon, and a text input field "Type message here...".

The Windows taskbar at the bottom shows several open applications: WhatsApp, Zoom Cloud Meetings, Zoom Meeting, and Document1 - Micros... The system clock shows 10:03 AM.

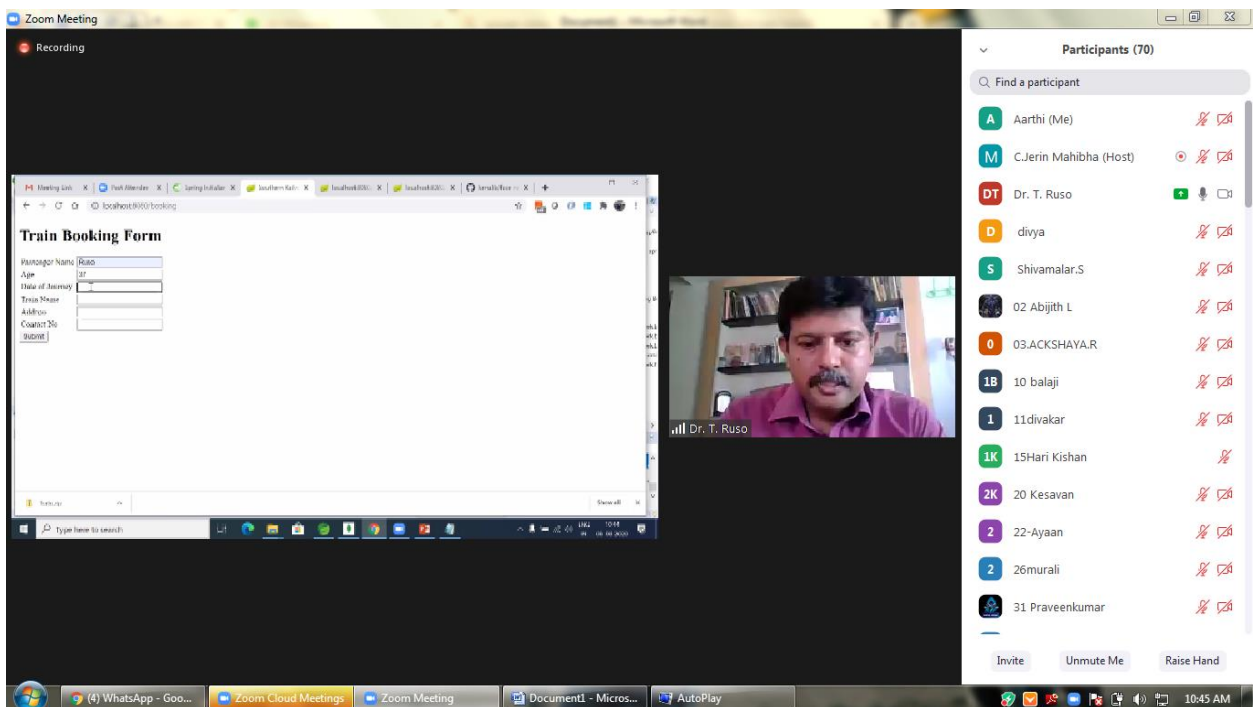
Mr Ruso enlightened the students with basics of Spring Boot first. Then the need for the website development and the various places where it can be used efficiently to handle the newest technology. He also explained Java Full Stack for the students to gain an overall knowledge about the database and the backend services that is being currently in use..

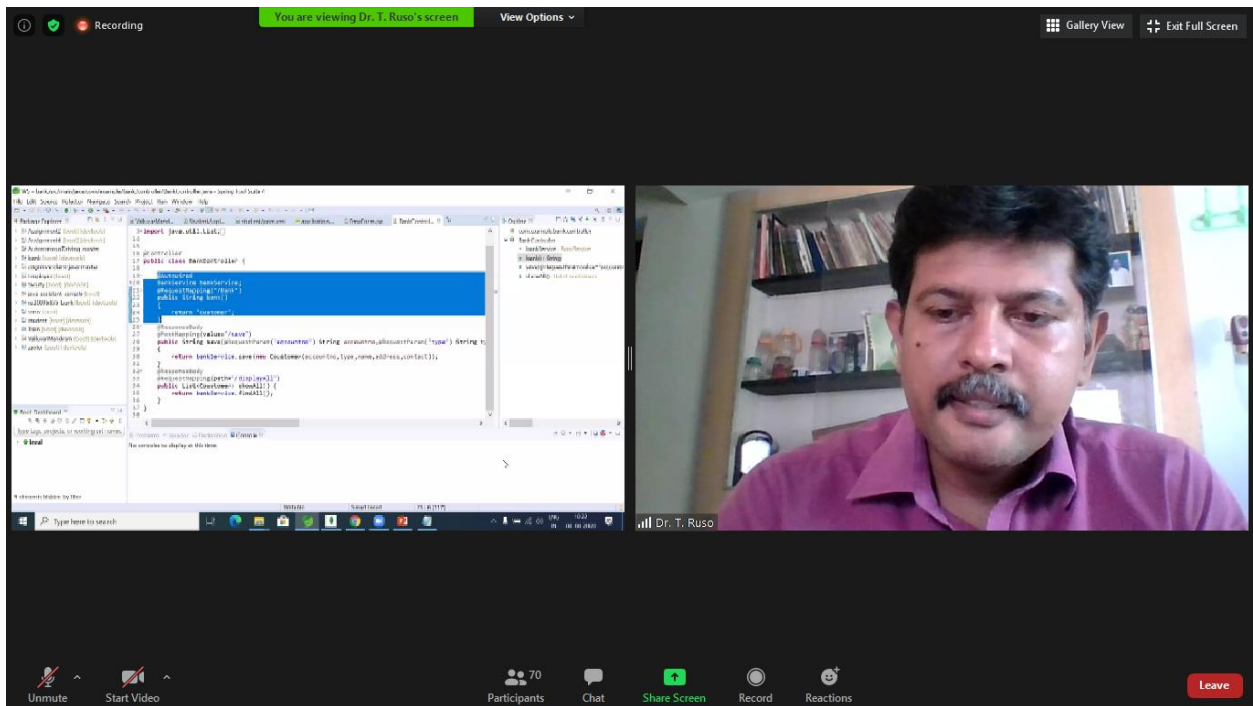
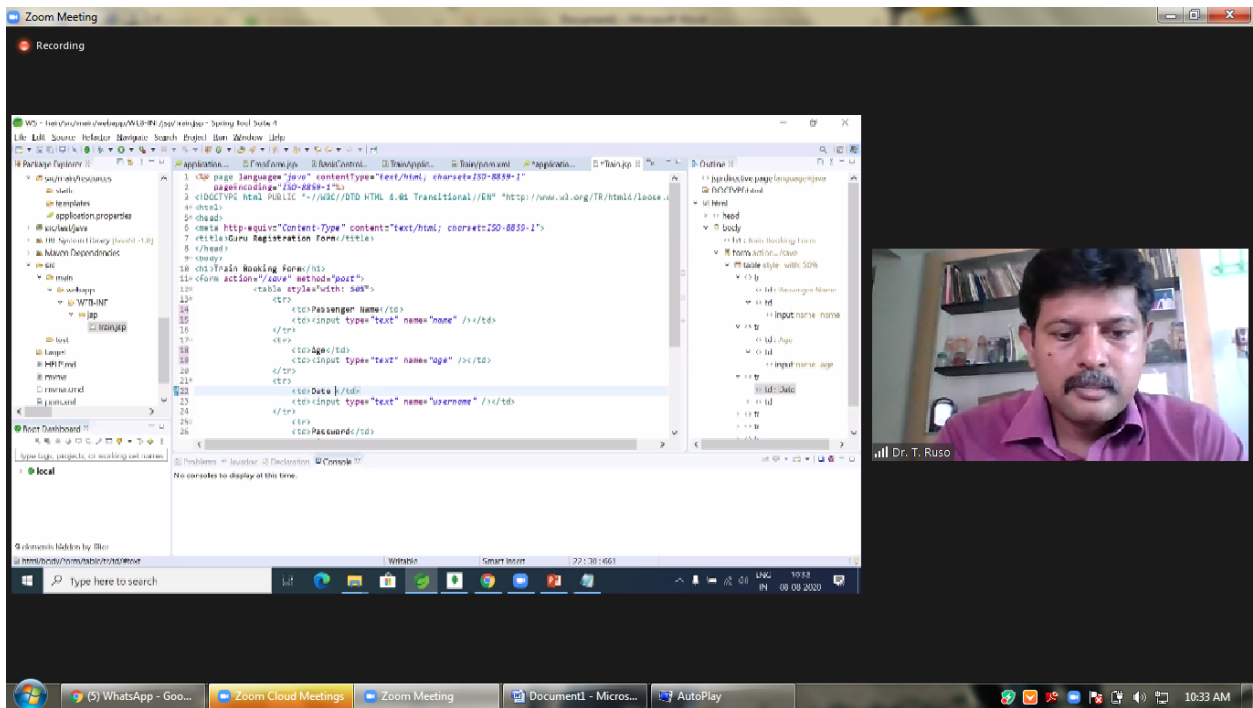


Mr.Ruso explained in detail about the steps to create a database in MongoDB.Also he added flavour to it by explaining the bits of how to connect it with the front end design. He made a clear step by step procedure in creating and connecting the front end design and the Backend.

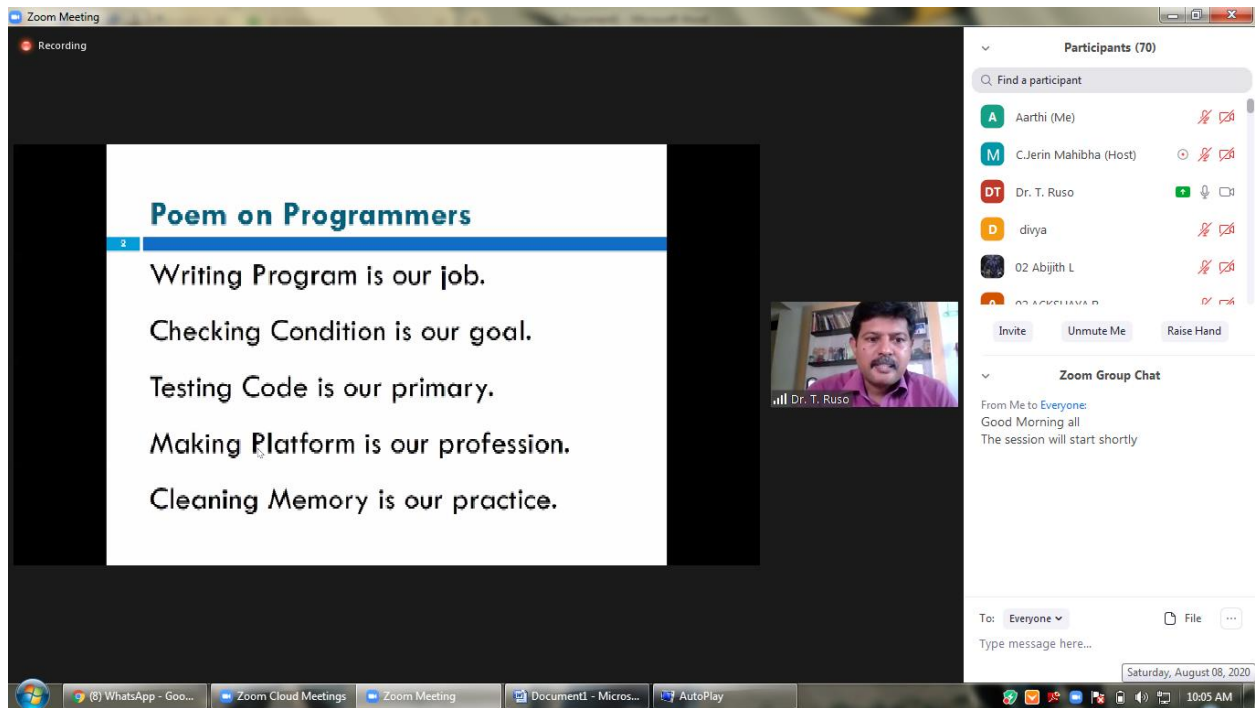


He also motivated the students to explore more on this area and make out simple applications. He enriched the students with the steps to create a website and connect to a DB by implementing them during the session.

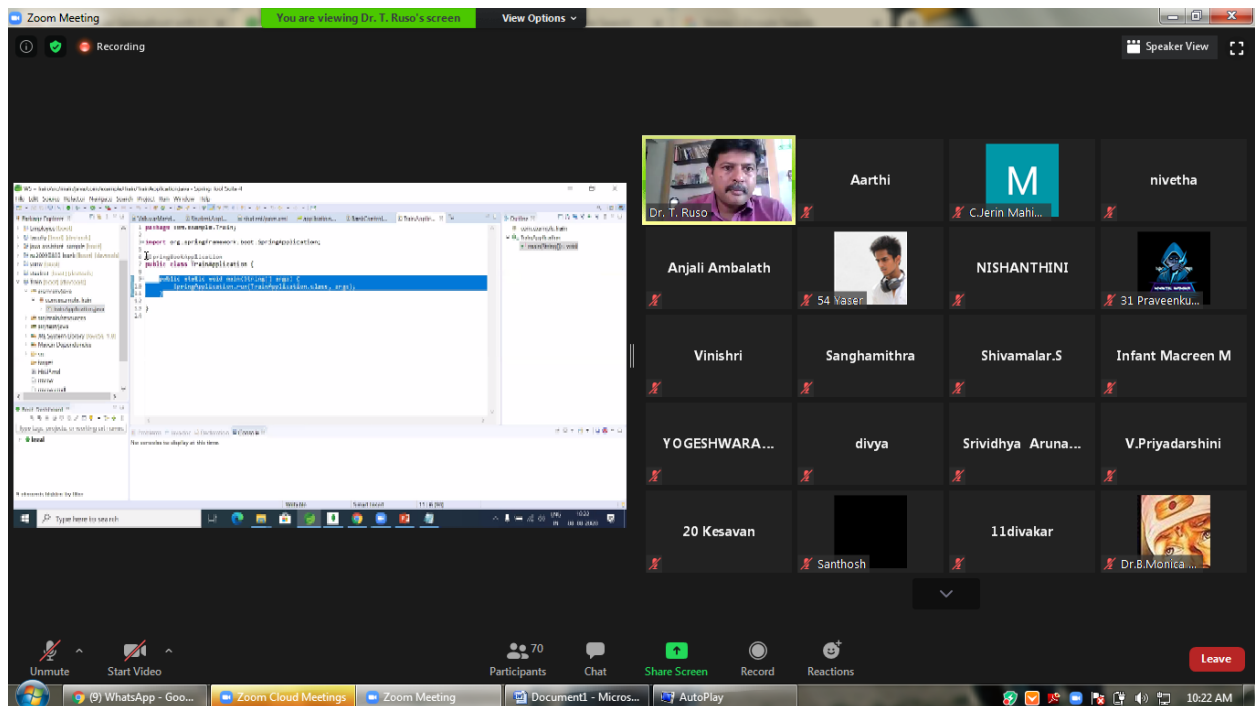


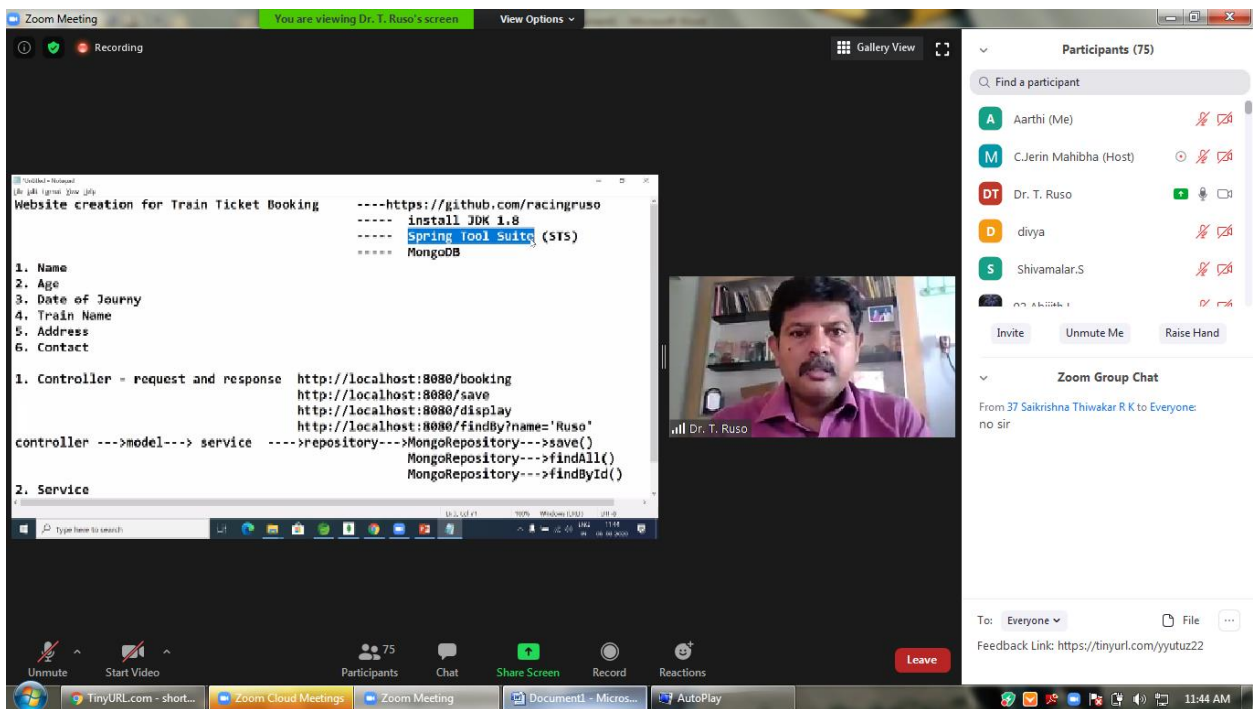
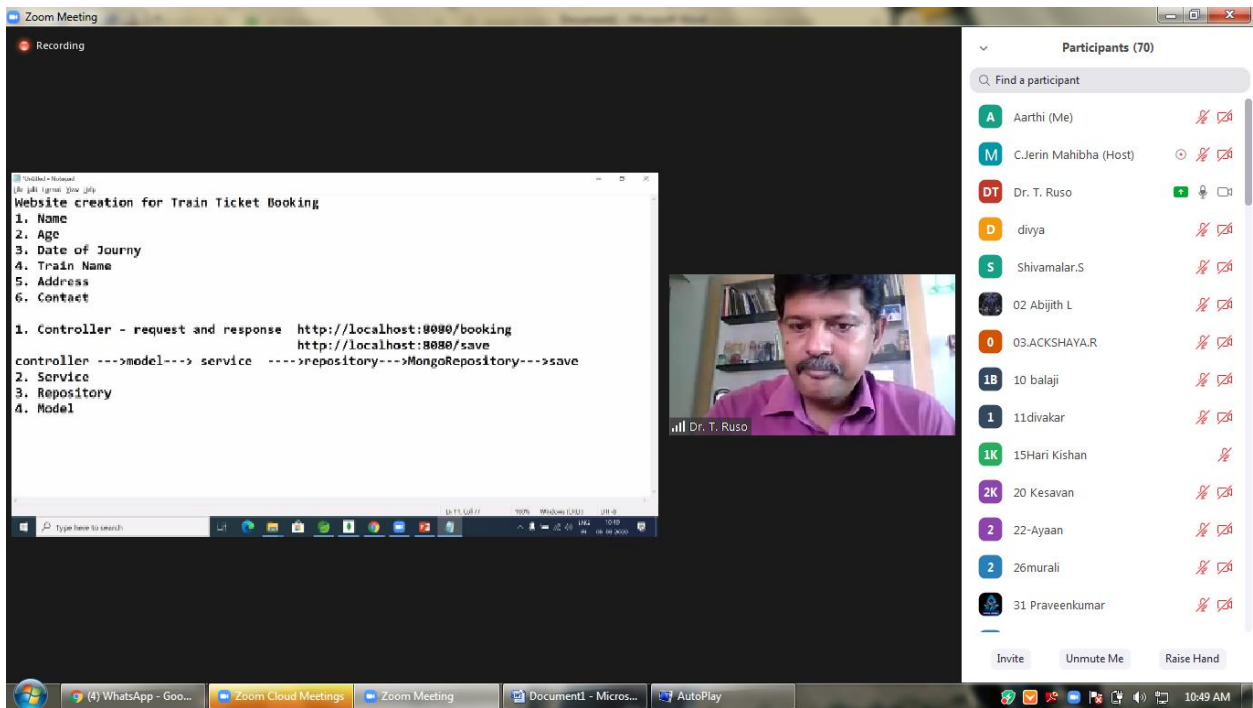


He entertained and motivated the students by giving out ideas about mini projects and also gave them a poem written by him .



Overall, the session was very impactful and the students learnt about various aspects of Website Development.





Finally he gave an overview of the entire procedure once and cleared the doubts of the students.

The session was fully packed with content and was extremely useful for the students .The students promised to incorporate this idea in doing their OOAD lab.

This was an interesting session to the students and it covered the course outcome C305.2 and C305.3.It also satisfies the Program Outcome PO1,PO2,PO3 and PO5.

PRINCIPAL
MEENAKSH SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 824

WORKSHOP REPORT

The Computer Science Engineering department of MSEC organized a Workshop on Cloud Computing by Cognizant Technology Solutions on the 28th of August 2020 with prior permission from the principal. The workshop was organized mainly to familiarize us with the various trends of Cloud Computing that are growing exponentially in the practical world.

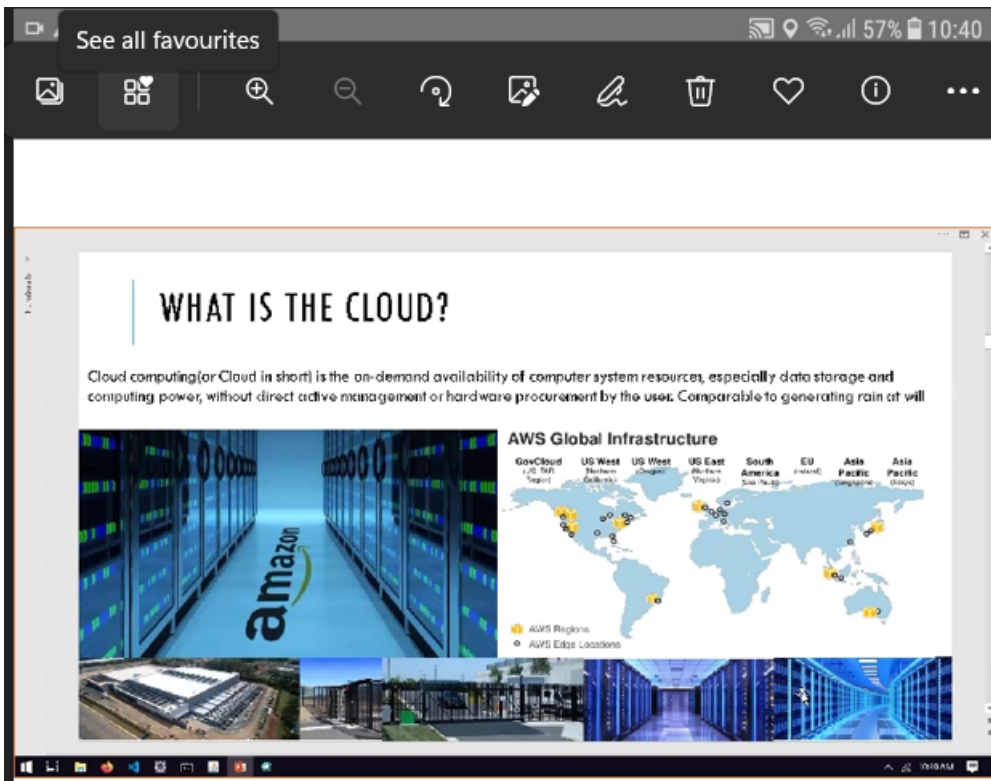
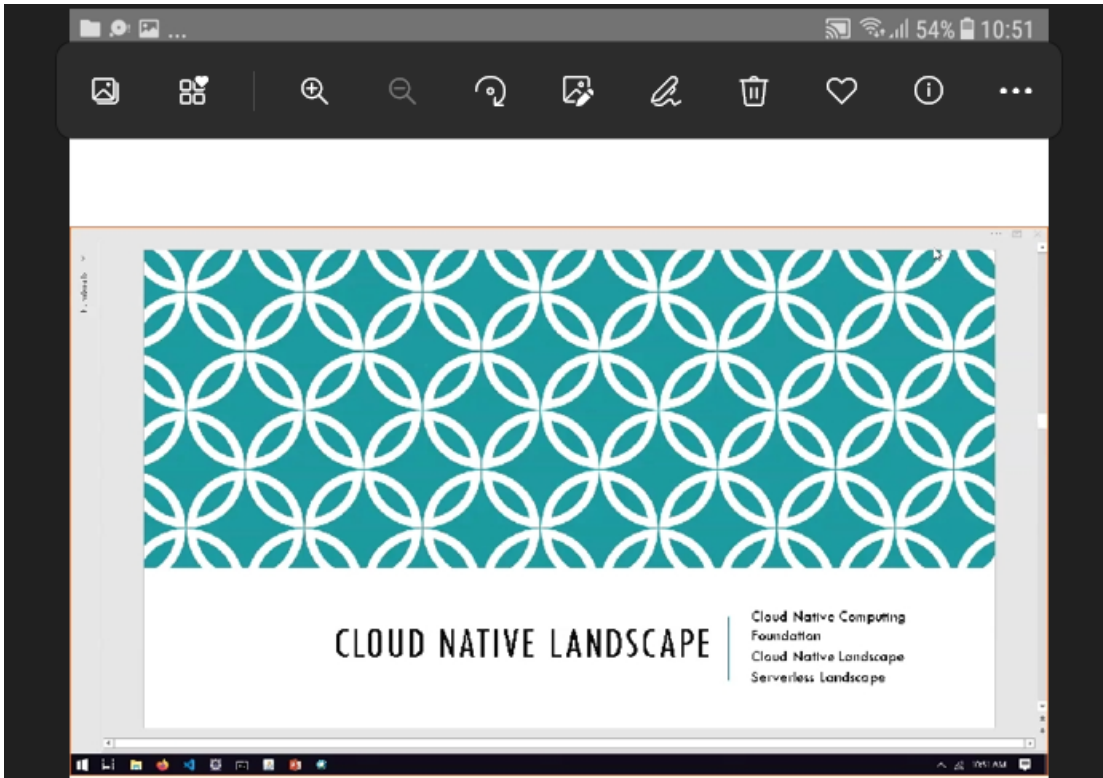
The workshop was virtual and was conducted through Webex meet at 10.30 am. The Representatives from Cognizant gave us a brief introduction about Company and particular insights on how they can help us achieve our goals. The session was handled by Ms. Vasumathi T, Senior Director(Campus Ambassador), and Mr. Vignesh Murali, Senior Manager. They familiarized us with the concepts of Cloud computing. We were also given a rough idea about it is being used in everyday life by almost every platform available through the internet.

We were happy to get specific insights on Cloud Computing from experienced personnel. We look forward to many more such Workshops that could allow us to know a lot about the various technologies and their impact on the real world.

We thank the Management, Head of the department, and faculty members who organized the seminar for their support.



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CHENNAI-600 024



49% 11:12

Participants (97)

Search

- RP Revathi Rajesh (me)
- VN Vignesh Murali Nat... (host, internal)
- 35-sandhiya .s -IT
- AH A HARIPRIYA
- AP Aseema Parveen
- AA Anirudh A

Chat Raise Hand

VN

Vignesh Murali Natarajan (host)

⊘ 📺 ⋮ ✕



Participants (96)

Search

- SV Sudhir V
- SM Sugantha Priyan M
- S Supraja
- S Suvitha
- SP Swetha P

Ram Kumar S M



Revathi Rajesh (me)



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
WEBINAR REPORT
ENTREPRENEURSHIP

DATE : 5/8/2020

TIME : 11:30 – 12:30

PLATFORM : ZOOM MEETING

PARTICIPANTS : II YR, III YR AND IV YR STUDENTS OF CSE AND FEW OUTSIDE PARTICIPANTS

Login & Password Details for the Program are as follows

Topic: Sathish Raj session - Meenakshi

Sundararajan Engineering college

Time: Aug 5, 2020 11:20 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

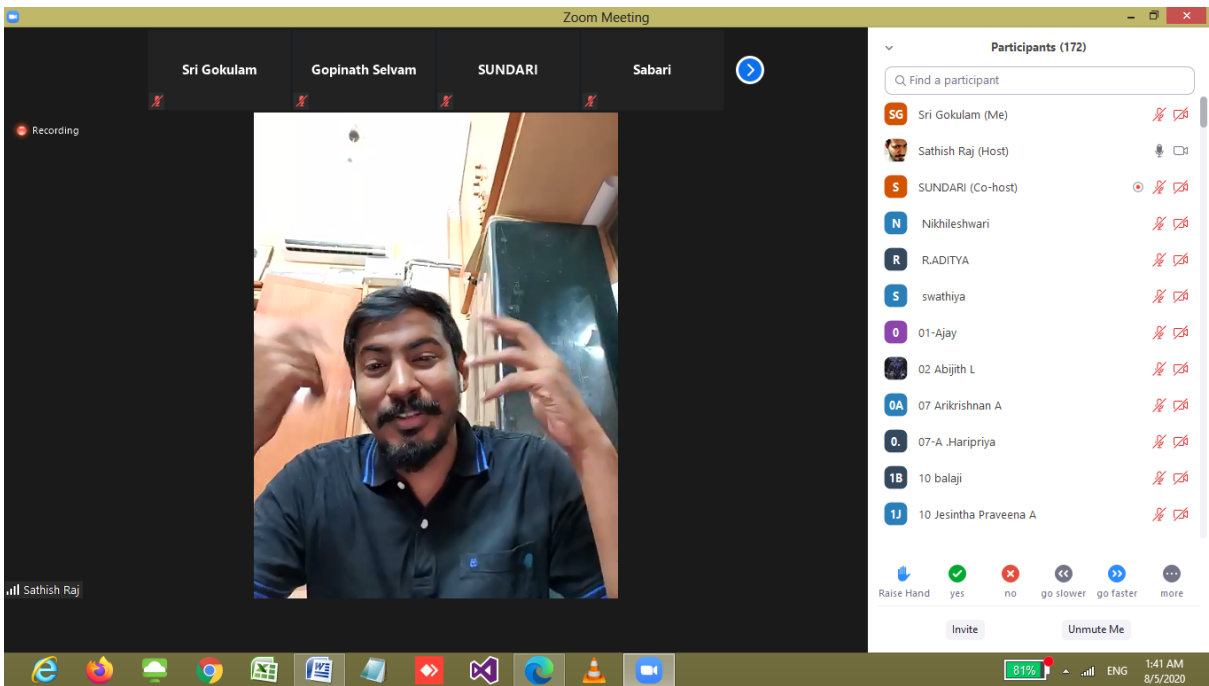
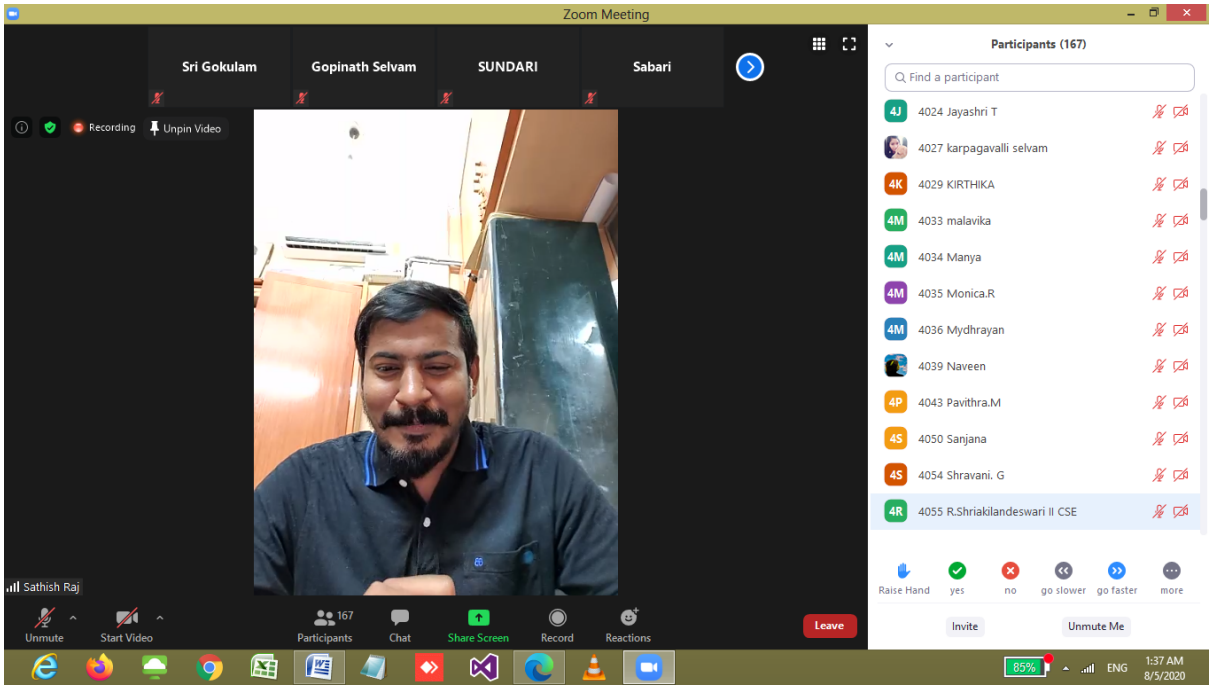
<https://zoom.us/j/95457734941?pwd=QS9KOXFqUW5wV05TYXovSjhGaVJEUT09>

Meeting ID: 954 5773 4941

Passcode: 027330

RESOURCE PERSON:

Mr. R. SATHISHRAJ
CEO, E-CRUSADERS
CHENNAI.

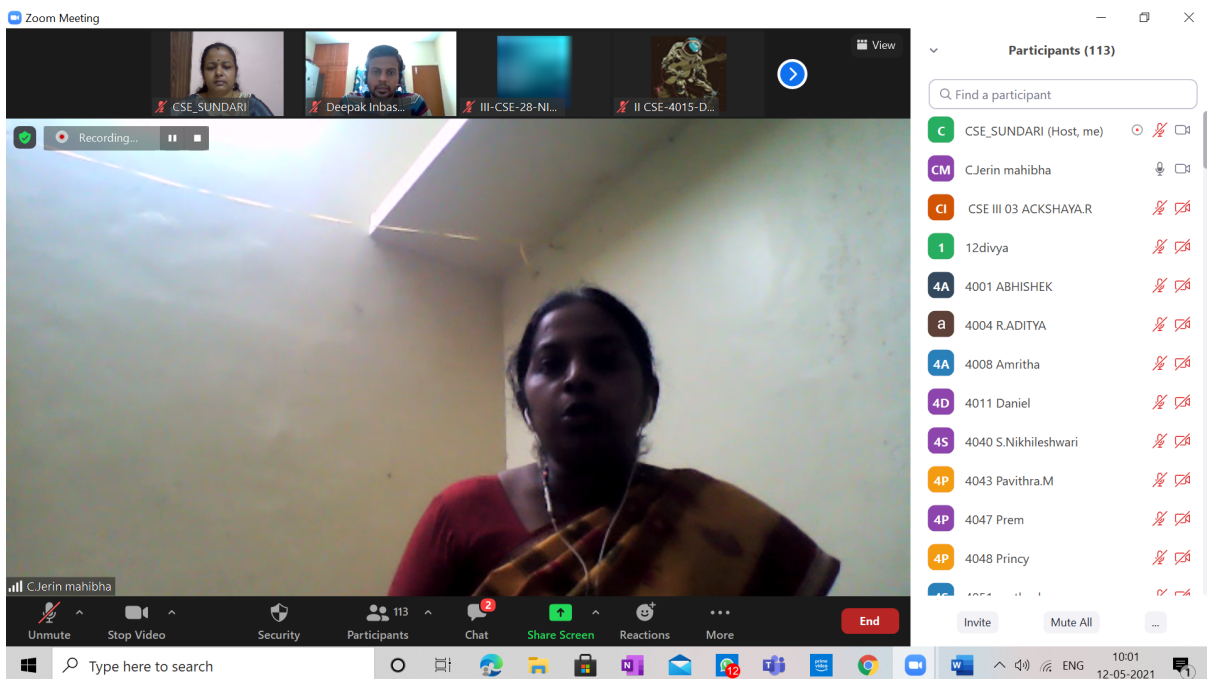




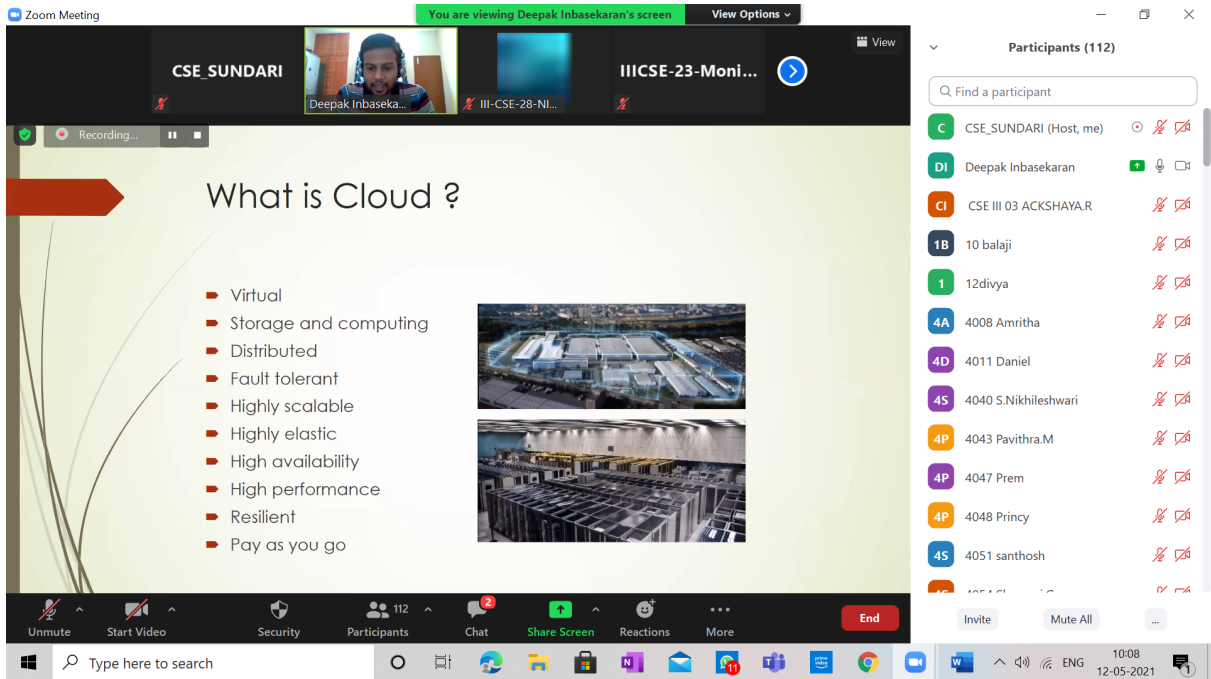
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CHENNAI-600 824

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
ISTE WEBINAR REPORT

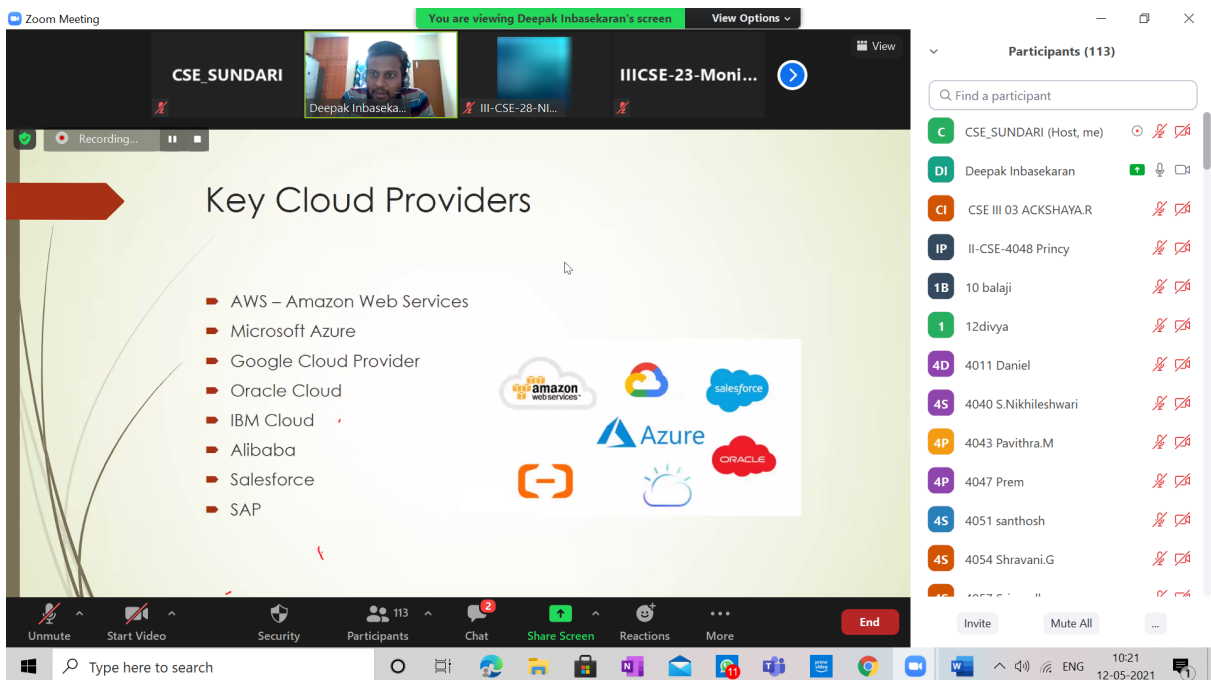
A webinar on “**CLOUD ARCHITECTURE**” was conducted in Meenakshi Sundararajan Engineering College organized by Department of Computer Science and Engineering in association with Indian Society of Technical Education (ISTE), on 12th may 2021, through an online platform zoom, which was taken forward by the guest of honour, Mr. Deepak Inbasekaran who currently works as a senior architect in Cognizant Technology Solutions. He has more than 16+ years of IT Industry experience and 10+ years of Cognizant experience. His areas of specialization are Resiliency, Reliability, Performance Engineering. He has exposure to multiple cloud technologies.



Mr. Deepak really gave a wonderful insightful lecture about cloud architecture. He gave a brief introduction about cloud, its features along with cloud service providers such as Amazon Web Services, Azure, Google Cloud Provider, Oracle Cloud, IBM Cloud, Alibaba, Salesforce, SAP with some good examples.



He also explained about the key cloud concepts such as Private Cloud, Public Cloud, Hybrid Cloud, IaaS, PaaS and SaaS and tools required for cloud communication. In addition, he also gave a brief explanation about the key ways of how security is provided, cloud availability regions and the certifications available.



Once Mr. Deepak was done with his presentation part, he welcomed observations, queries from audience, thereby cleared their queries with real-time examples which helped the observers to have better clarity

towards the topic.

He concluded the session by encouraging the students to develop more knowledge and interest in this field for the betterment of having bright future.

The screenshot shows a Zoom meeting interface. The main content is a slide titled "Cloud communication". On the left side of the slide, there is a bulleted list of topics:

- Subnet – Private/ Public
- VPN
- Gateway-VPG/CGW
- Site-to-site connector
- Firewall
- Load balancer

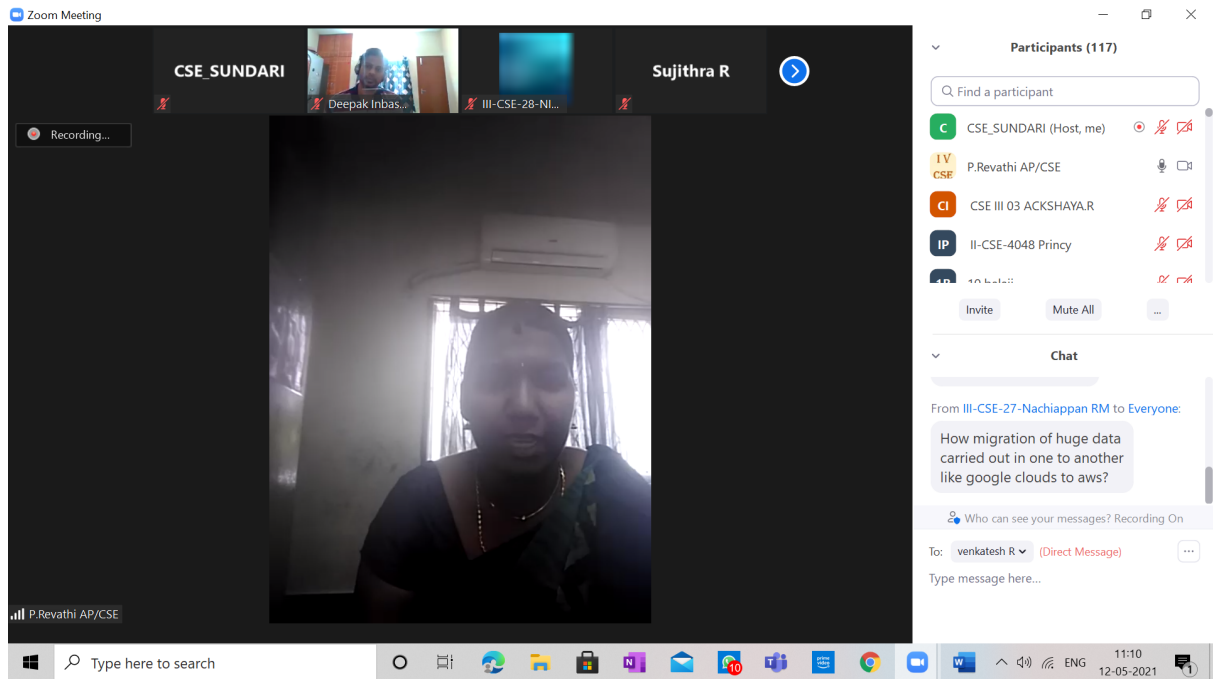
To the right of the list is a network diagram illustrating cloud communication. It shows a "Local Cloud" connected to a "Public Cloud" via a "VPN Gateway" and "Site-to-site connector". The diagram includes various network components like routers, firewalls, and load balancers. The Zoom meeting controls at the bottom show 115 participants and a recording status.

The screenshot shows a Zoom meeting interface with a video feed of a participant, Deepak Inbasekaran. The meeting title bar shows "CSE_SUNDARI" and "II CSE-4001 AB... III CSE - Manish". The Zoom meeting controls at the bottom show 117 participants and a recording status.

On the right side, the chat window is open, showing a question:

Sir can we modify a replicated cloud data?
If so, won't it affect the originality of the actual data?

Below the chat, there is a direct message from "venkatesh R" and a text input field for replying.



Zoom Link

Dr. Babai K S is inviting you to a scheduled Zoom meeting.

Topic: CSE ISTE seminar

Time: May 12, 2021 09:30 AM India

Join Zoom Meeting

<https://us02web.zoom.us/j/83974746435?pwd=b2JXYmFVbnpYWWhVbMnk0WjNJTGtyZz09>

Meeting ID: 839 7474 6435

Passcode: aKN5Md

One tap mobile

+13017158592,,83974746435#,,,,*152553# US (Washington DC)

+13126266799,,83974746435#,,,,*152553# US (Chicago)

Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

Meeting ID: 839 7474 6435

Passcode: 152553

Find your local number: <https://us02web.zoom.us/j/kWmiFZXiQ>



**5 DAY FACULTY DEVELOPMENT
PROGRAMME**

REPORT

**TRAILBLAZING PRACTICES IN
GEOTECHNICAL ENGINEERING**

**(07.06.2021 - 11.06.2021)
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**

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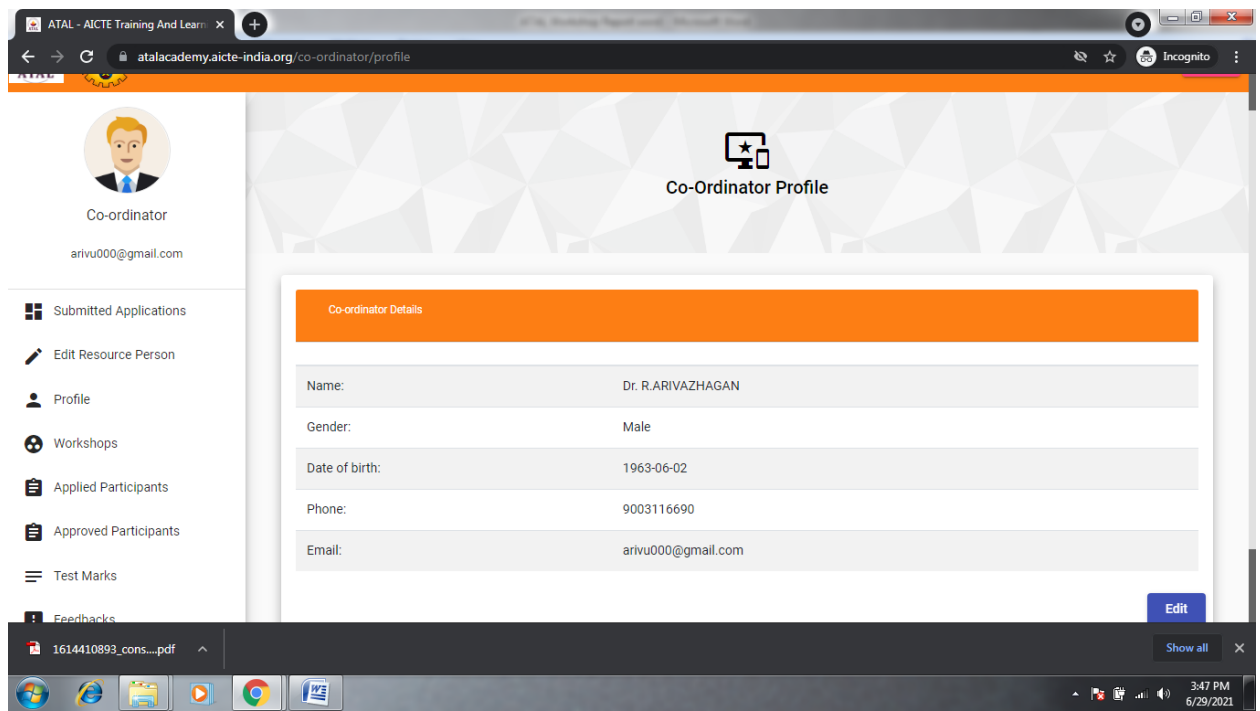
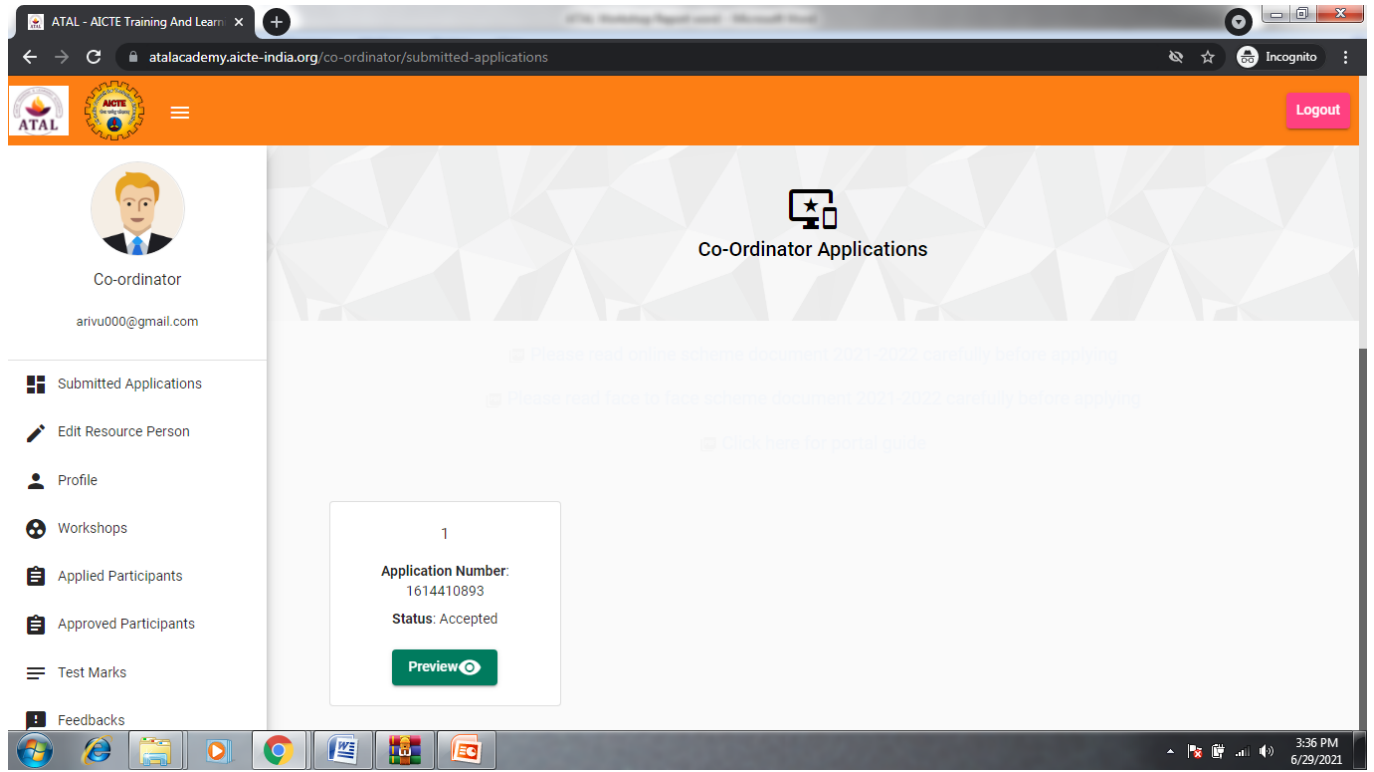
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1. Introduction**ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING**

Trailblazing Practices in Geotechnical Engineering 5-Days AICTE sponsored workshop was conducted from 7th to 11th June 2021 in which more than 150 participants have actively participated from different parts of the country.

India has been ranked in top 10 fastest growing economies in the world as per IMF, UN and World Bank. We have a number of new infrastructure projects under progress across the country, creating opportunities for civil engineers in which Geotechnical Engineering plays a vital role of executing project life cycle. Right from ground improvement to tunneling in difficult terrains, geotechnical research has gained momentum in the past decade. This faculty development programme is set to establish a pivotal role by focusing on a variety of sophisticated technologies through interactive modules in the area of geotechnical research with emphasis on phenomenon of soil testing and techniques for characterization, modelling of soil, applications of terramechanics, appertaining shell foundations, case studies of challenges in deep excavation & trenching, sustainable geomechanics and environmental geotechnology. This Faculty Development Programme is set to focus on a variety of sophisticated and lesser discussed areas of Soil and Foundation Engineering, from Terramechanics to Finite Element Analysis. Sessions on Statistical Characterization of Sandy soils, Material Model parameters of Soils, and Soil Deformation Behaviour Phenomena are idealized. In addition, Knowns and Unknowns of Soil Testing and Application of Shells in Foundations also hit the agenda. Interactive modules on Case Studies on Challenges in Deep Excavation and Trenching and Sustainable Geomechanics are also scheduled.

2. Coordinator application and profile



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

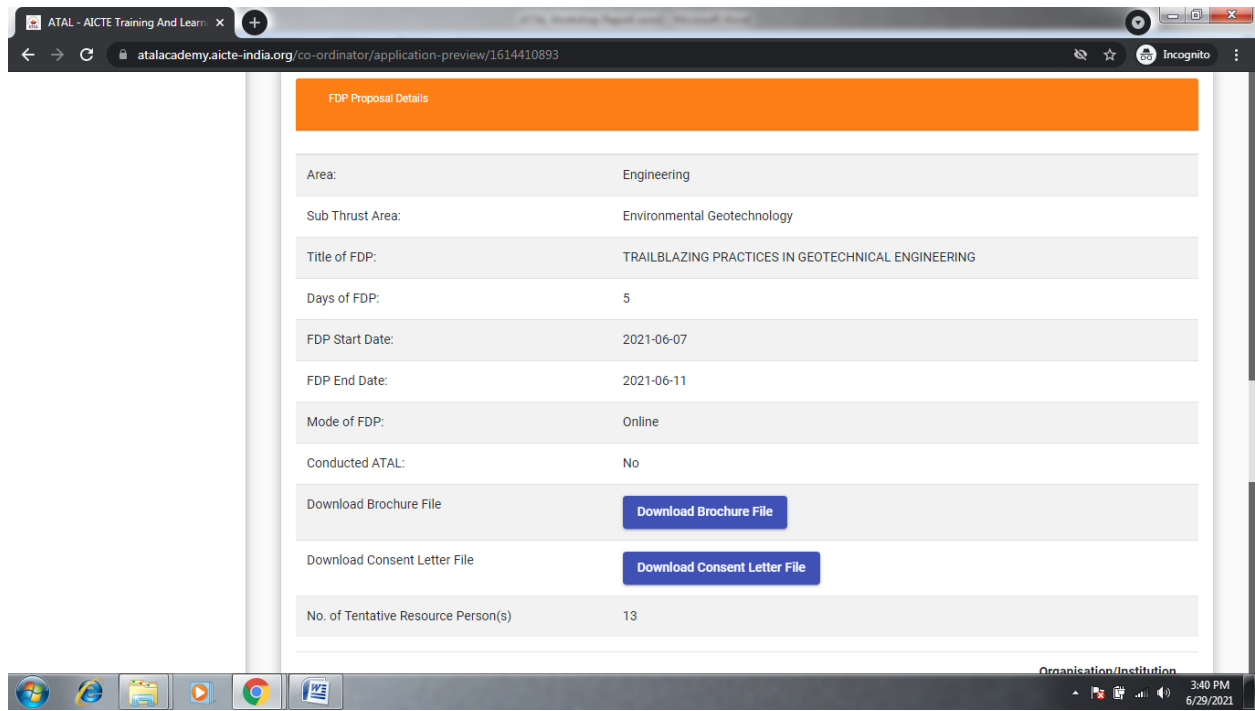
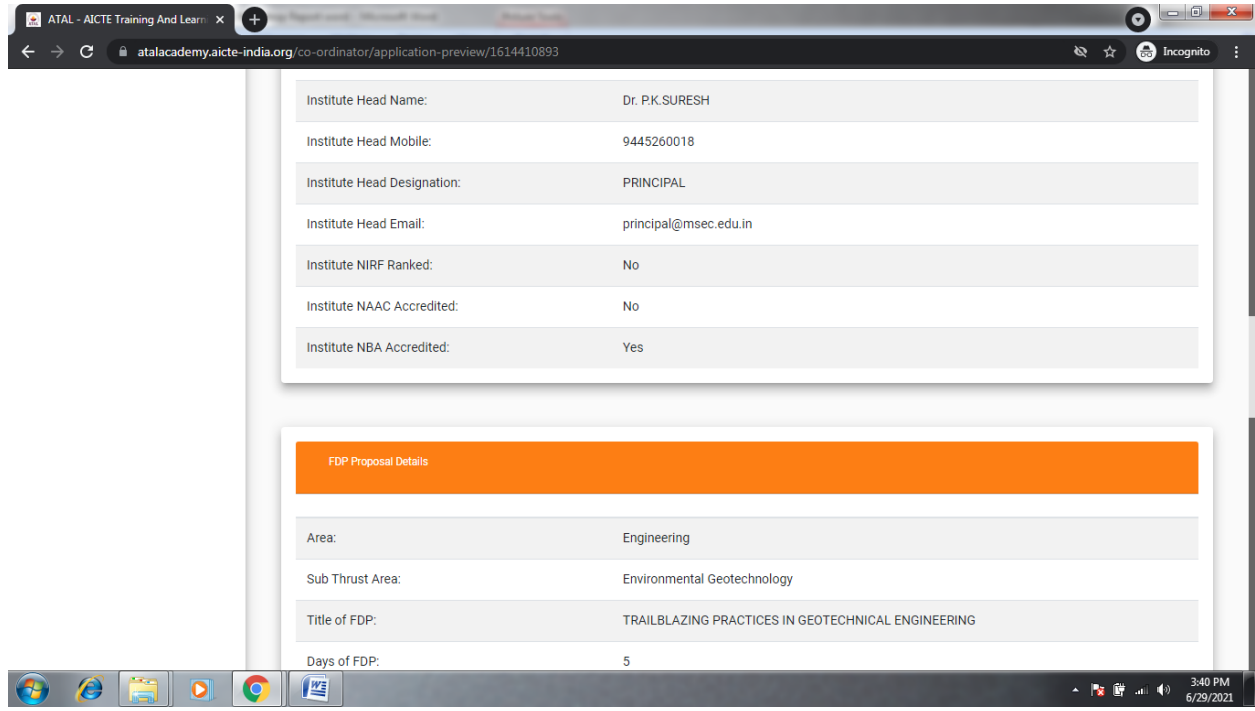
The screenshot shows a web browser window displaying the 'Co-ordinator Details' page. The browser address bar shows the URL: atalacademy.aicte-india.org/co-ordinator/application-preview/1614410893. The page features a sidebar with navigation options: Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, Feedbacks, Attendance, and Certificate. The main content area displays the following details for the co-ordinator:

Name:	Dr. R. ARIVAZHAGAN
Gender:	Male
Date of birth:	1963-06-02
Father's Name:	P.RENGASAMY
Phone:	9003116690
Whatsapp Number:	9003116690
Email:	arivu000@gmail.com
Alternate Email:	
Employee ID:	3115067
Designation:	Assistant Professor
Specialistaion:	Geotechnical Engineering
Experience of Teaching:	14 Years 5 Months
Address:	: A3, R.E. Apartments Krishnapuram Street, Choolaimedu, Chennai


The screenshot shows a web browser window displaying the 'Institute Details' page. The browser address bar shows the URL: atalacademy.aicte-india.org/co-ordinator/application-preview/1614410893. The page displays the following details for the institute:

Institute Name :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Institute Address :	363, Arcot Road, Kodambakkam, Chennai Tamilnadu, India
Institute State :	TAMIL NADU
Institute District:	Chennai
Institute Pincode:	600024
Institute Town/Village:	CHENNAI
Institute Type:	Private Unaided
Intake Capacity:	60
No. of Labs:	12
Institute Website:	http://msec.edu.in/
Institute Head Name:	Dr. P.K.SURESH

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



3. Consent letter

	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE (Managed by L.L.E.T Society) 363, Arcot Road, Kodambakkam, Chennai – 24
---	---

Dr. P.K.SURESH, B.Tech.,MS(IITM),Ph.D(IITM) 9445260018
PRINCIPAL

Date: 01/03/2021

To
**The Director,
AICTE Training and Learning (ATAL) Academies,
All India Council for Technical Education, New Delhi.**

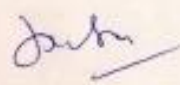
Sub: Consent to organize online AICTE Training and Learning (ATAL) FDP at Meenakshi Sundararajan Engineering College ,Kodambakkam, Chennai

Dear Sir,

I am pleased to consent to organize an **AICTE Training and Learning (ATAL) FDP** at our institute on **Trailblazing practices in Geotechnical Engineering** from 07/06/2021 to 11/06/2021. The proposed FDP, if approved, will be coordinated by Dr.R.Arivazhagan.

This is also confirmed that maximum 5 best proposals are being consented from this institute as maximum 5 proposal are allowed for a year

Sincerely,



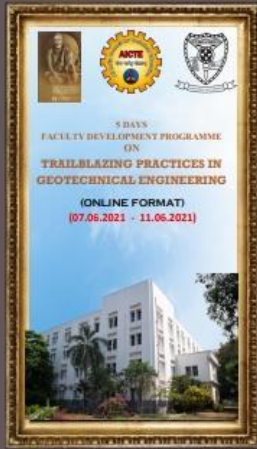
Dr.P.K.Suresh

Chennai
01-03-2021

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

4. Brochure of ATAL- FDP



Organized by
DEPARTMENT OF CIVIL ENGINEERING
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society)

ABOUT THE COLLEGE

Meenakshi Sundararajan Engineering college was established in 2001 by the Indian Institute of Technology and founded by late Prof.K.R.Sundararajan with a vision of making it a centre of excellence in the field of engineering. The institute offers UG programmes in Civil, CSE, EEE, ECE, Mechanical & IT and a P.G. programme in Construction engineering and Management. The institute imparts knowledge and skills with excellent learning facilities for practical training to the youth. The college has signed MOUs with research organisations and industries to provide constant interaction in the areas of technology development, student training, curriculum and establishing state-of-art-centres of excellence. Encouraging and incubating the spirit of innovation is the hallmark of the institution.

ABOUT THE DEPARTMENT

The Department of Civil Engineering, accredited by NBA, was started in the year 2002. The Department with an (U) students' chapter has a distinct association with PWD, Highway department, TNAD, SERC, CMRL, URC, Kanchana Infrastructures, Chennai Port Trust, Metro Water, I.L.T. Unicon structural Systems and Langdoresearch. The department regularly conducts national & international seminars, conferences, workshops, FDPs to keep the faculty and students updated on the trends and latest research areas in the field of Civil Engineering. Ever since its inception, the department has been providing induction and orientation on the opportunities available in various PSUs. This has paid rich dividends as many alumni have been well placed in prestigious PSUs. A number of our brilliant students have successfully completed their research in IITs and in Universities abroad while a good number are exemplary entrepreneurs.

ABOUT THE FDP

India has been ranked in top 10 fastest growing economies in the world as per IMF, UN and World Bank. We have a number of new infrastructure projects under progress across the country, creating opportunities for civil engineers in which Geotechnical Engineering plays a vital role of executing project life cycle. Right from ground improvement to tunneling in difficult terrains, geotechnical research has gained momentum in the past decade. This faculty development programme is set to establish a pivotal role by focusing on a variety of sophisticated techniques through interactive modules in the area of geotechnical research with emphasis on phenomenon of soil testing and techniques for characterization, modelling of soil, applications of terramechanics, supporting shell foundations, case studies of challenges in deep excavation & trenching, sustainable geotechnics and environmental geotechnics.

The Faculty Development Programme is set to focus on a variety of sophisticated and lesser discussed areas of Soil and Foundation Engineering, like: Terramechanics to Finite Element Analysis, Sessions on Statistical Characterisation of Sandy soils, Material Model parameters of Soils and Soil Deformation Behaviour Phenomena are idealized. In addition, Known and Unknowns of Soil Testing and Application of Shells in Foundations also fit the agenda. Interactive modules on Case Studies on Challenges in Deep Excavation and Trenching and Sustainable Geotechnics are also scheduled.

EXPECTED OUTCOME




- This FDP is intended to increase the awareness of the participants in the current and most recent developments in geotechnical Engineering and research.
- It is aimed to provide a platform for exhibiting new ideas and scope for development in geotechnical engineering practice and research.
- The programme intends to impart a clear understanding of the criteria for selection of suitable soil type for specific purposes, thereby to appropriately propose the design.
- The participants will also be able to apply numerical and finite element techniques for solving complex geotechnical problems, thus enabling a better understanding of the practical scenarios.
- Interactive sessions would also give a general exposure to the professional practices pertaining to the industry.


















COURSE CONTENTS

- An Overview of Soil Investigation.
- Influence of grain size and their distribution of sand in sedimentary environments.
- Study of Various Phenomena behind the Soil Deformation Behaviour.
- Learning the future perspective of Sustainable Geotechnics and Geoenvironment.
- Study of Sustainable Practices and High Rise Building.
- Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt Mixtures.
- Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas.
- Soil Testing and Estimation of SBC using Standard Penetration Tests.
- Study of Numerical Methods in Geotechnical Engineering.
- The Behaviour of Piles and Piled Raft.
- Geotechnical Finite Element Analysis using Programming Interface.
- Detailed study in Application of Shells in Foundations.
- Stress management, human values, ethics, health and happiness.

INSTRUCTIONS FOR PARTICIPANTS

The faculty members of the ACTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from industry etc.) and staff of host institutions are eligible to participate. No registration fees, a Certificate will be provided for all the active participants. FDP e-link invite to join the program and other instructions will be shared via e-mail to all registered participants. Participants should have good internet connection to access uninterrupted live streaming of sessions. Test and assignments will be conducted at the end of FDP.

COURSE SCHEDULE & RESOURCE PERSONS			CHIEF PATRONS
07/06/2021 MONDAY	08:30 AM to 09:00 AM	Inaugral Speech - Dr.K.S.Babai, Secretary and Dr.P.K.Suresh, Principal	   Dr.K.S.Lakshmi Correspondent Dr.K.S.Babai Secretary Dr.N.Sreeskanth Director
	09:00 AM to 10:45 AM	Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests - Dr.P.Anbazhagan, Associate Professor, IISc, Bangalore	
	11:00 AM to 12:45 PM	Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor, IIT Madras	
08/06/2021 TUESDAY	02:00 PM to 03:45 PM	Sustainable Geotechnics - The Way Ahead - Dr.G.Janardhan, Associate Professor, NITRR, Chennai	   Dr.P.K.Suresh Principal Dr.K.Umarani Dean Academics Dr.L.Ramajeyam HOD / Dean-PG Studies
	09:00 AM to 10:45 AM	Understanding Perception, Conscious and Subconscious Mind and Meditation - Swami Surarchitananda, Sri Ramakrishna Math, Chennai	
	11:00 AM to 12:45 PM	Introduction to Terramechanics - Dr.S.Jayalekshmi, Professor, NIT Tiruchirappalli	
09/06/2021 WEDNESDAY	02:00 PM to 03:45 PM	Soil Investigation an Overview - Dr.P.Asha, Professor and HoD (Incharge), St.Peter's Institute of Higher Education and Research, Chennai	 Dr.R.Arivazhagan Assistant Professor
	09:00 AM to 10:45 AM	Various Phenomena behind the Soil Deformation Behaviour - Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai	
	11:00 AM to 12:45 PM	Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - Dr.K.Premalatha, Professor, CEG Guindy, Anna University, Chennai	
10/06/2021 THURSDAY	02:00 PM to 03:45 PM	Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer, COWI	     Mrs.UNmalambal Associate Professor Mrs.G.Anbu Neema, AP Mrs.K.Nithya, AP Mr.S.Saravanan, AP Mr.S.Barath Raj, AP
	09:00 AM to 10:45 AM	Numerical Methods in Geotechnical Engineering - Dr.Sawant Vivwas A, Professor, IIT Roorkee	
	11:00 AM to 12:45 PM	Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - Dr.V.Balakumar, Senior Consultant, Simplex Infrastructures Ltd	
11/06/2021 FRIDAY	02:00 PM to 03:45 PM	Application of Shells in Foundations - Prof.P.Sachithanantham, HoD, Sri Lakshmi Ammal Engineering College	    Mrs.M.Malini Gayathri, AP Mr.N.Ravikumar, AP Mrs.M.S.Jayalakshmi, AP Mr.G.Amirtha Gokul, AP
	09:00 AM to 10:45 AM	Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas - Dr.R.Ayothiraman, Professor, IIT Delhi	
	11:00 AM to 12:45 PM	Statistical Characterisation of Grain Size Distribution in Sandy Soils - Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai	
	02:00 PM to 03:45 PM	Valedictory Function Feedback, Test and Assignments. Vote of Thanks by Dr.L.Ramajeyam, HOD / Dean-PG Studies	 Dr.L.Ramajeyam, HOD / Dean-PG Studies

For any queries, contact:
9003116690, 7397086663, 9003252602
email-id: civil@ven2022msec@gmail.com
www.msecr.edu.in

275

5. Approved applications of resource persons

The screenshot shows the 'Accepted Applications' page for application 1614410893. The page title is 'Accepted Applications'. Below the title, there is a table with columns: Sr. No., Application, and View. The first row shows '1', '1614410893', and an eye icon. Below this, there is a section titled 'Resource person(s) for 1614410893' with an 'Add' button. A table lists the resource persons with columns: Name, Number, Email, Specializaion, Country, State, City, and Organisation/Institution Name.

Name	Number	Email	Specializaion	Country	State	City	Organisation/Institution Name
Dr. Anbazhagan P	9448100410	anbazhagan@iisc.ac.in	Geophysical & Geotechncial testing and Engineering	India	Karnataka	Bangalore	IISC Bangalore
Dr. G. R. Dodagoudar	9840328754	goudar@iitm.ac.in	Soil Mechanics and	India	Tamil Nadu	Chennai	IIT Madras

The screenshot shows a list of resource persons for application 1614410893. The list is presented as a table with columns: Name, Number, Email, Specializaion, Country, State, City, and Organisation/Institution Name.

Dr. G. Janardhanan	9445520968	jana@nitttrc.ac.in	Sustainable Development and Landuse and Landcover Management	India	Tamil Nadu	Chennai	NITTR
Mr. Swami Surarchitananda	9087968595	surarchitananda@rkmm.org	Spiritual and Religious Service	India	Tamil Nadu	Chennai	Sri Ramakrishna Math
Dr. S. Jayalekshmi	9790110651	jaya@nitt.edu	Geotechnical Engineering	India	Tamil Nadu	Tiruchirappalli	NIT Trichy
Dr. PAsha	8825630409	ashap1905@gmail.com	Structural Engineering	India	Tamil Nadu	Chennai	St.Peter's Institute of Higher Education and Research
Dr. R.Arivazhagan	9003116690	arivu000@gmail.com	Soil Dynamics and Material Model Study	India	Tamil Nadu	Chennai	Meenakshi Sundararajan Engineering College
Dr. K.Premalatha	9566003802	kvprema@annauiiv.edu	Soil Mechanics and	India	Tamil Nadu	Chennai	CEG, Anna University

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

The screenshot displays a web browser window with the following details:

- Browser tabs: ATAL - AICTE Training And Learn...
- Address bar: atalacademy.aicte-india.org/co-ordinator/edit-resource-person
- Browser name: Incognito
- Table of Resource Persons:

Name	Phone Number	Email	Specialization	Country	State	City	Institution/Organization
Dr. K.Premalatha	9566003802	kvprema@annauiu.edu	Soil Mechanics and Foundation Engineering	India	Tamil Nadu	Chennai	CEG, Anna University
Mr. M.Shivaditya	9445891757	shivadityaa@gmail.com	Soil Dynamics	India	Tamil Nadu	Chennai	COWI
Dr. Sawant Viswas A	9410327328	vishwas.sawant@ce.iitr.ac.in	Geotechnical Engineering	India	Uttarakhand	Dehradun	IIT Roorkee
Dr. V.Balakumar	9841025210	vb_kumar2002@yahoo.com	Pile Foundations	India	Tamil Nadu	Chennai	Simplex Infrastructures Ltd
Mr. P.Sachithanantham	9444649032	sachugcivil@gmail.com	Structural Engineering and Funicular Concrete Shell Foundation	India	Tamil Nadu	Chennai	Sri Lakshmi Ammal Engineering College
Dr. R.Ayothiraman	9868182877	araman@civil.iitd.ac.in	Soil Dynamics and Earthquake Engineering	India	Delhi	Delhi	IIT Delhi

Taskbar information:

- Open files: 1614410893_cons...pdf
- System tray: Solve PC issues: 1 important message, 3 total messages
- System clock: 3:46 PM, 6/29/2021

6. Mandate form

All India Council for Technical Education
Nelson Mandela Marg, Vasant Kunj, New Delhi-110019

Mandate Form for Institute/College/University/Other Organisations

1	Name of the Beneficiary Institute	MEENAKSHI SUNDARAKRISHNAN ENGINEERING COLLEGE
2	Permanent ID of the Institute, if any	1 - 6312054
3	Head of the Institute (Tick One)	Director/Registrar/Principal/Others (Pl. specify)
4	Type of Institute (Tick One)	Govt./Govt. aided/Self Finance/Private etc.
5	Address of the Institute	NO: 363, ARCOY ROAD, KODAMBAKKAM, CHENNAI-600024
6	PAN No. of the Institute	[I I E T] AAATT 2768C
7	GST No., if allotted	-
8	E-mail ID of the Head of the Institute	principal@msc.edu.in
9	Name of the Bank	STATE BANK OF INDIA
10	Branch Name & Branch Code	KODAMBAKKAM & 001444
11	Address of the Bank with Pin Code	NO: 7 1st MAIN ROAD, UNITED INDIA COLONY, KODAMBAKKAM CHENNAI-24
12	Telephone No. of the Bank	24733421 & 24234128
13	Name of the Account Holder with Designation	MEENAKSHI SUNDARAKRISHNAN ENGINEERING COLLEGE
14	Account Type (Tick One)	Savings/Current
15	Account Number	10710433057
16	Bank Branch IFSC Code	SBIIN 0001444
17	Bank Branch MICR Code	600002022
18	Whether the Account is in the Name of Beneficiary Institute (Tick One)	Yes/No
19	Whether the Account is Operational (Tick One)	Yes/No
20	Whether the Account is a No-Frill Account (Tick One)	Yes/No
21	Whether the Account is Joint Account (if yes give details)	Yes/No

It is declared that all information provided above are true and correct in all aspects.

SECRETARY
MEENAKSHI SUNDARAKRISHNAN ENGINEERING COLLEGE
Date: 30.03.2024

For STATE BANK OF INDIA
Certified by Assistant Manager (1444)
on 30/03/2024
N5018
(Banker's Signature with Seal)

7. Sanction order from ATAL-AICTE



All India Council for Technical Education
 (A Statutory body under Ministry of HRD, Govt. of India)
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



AICTE TRAINING AND LEARNING (ATAL) ACADEMY (ONLINE FDP)

F. No. 01-App No.3614410893/AICTE/ATAL-HQ/2020-21/

Date: 6th June, 2021

To
 Dr. R. Arivazhagan
 Coordinator for ATAL Online FDP,
 Meenakshi Sundararajan Engg. College
 363, Arcot Road, Kodambakkam,
 Chennai
 TAMIL NADU

Sub: Release of a sum of Rs 93,000/- [Rupees Ninety three thousand only] for AICTE Training and Learning (ATAL) Academy programme Online FDP.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 93,000/- (Rupees Ninety Three Thousand Only)** for conduct of online **AICTE Training And Learning (ATAL) Academy Programme [TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING]** from **07.06.2021 to 11.06.2021** to **(Meenakshi Sundararajan Engg. College, 363, Arcot Road, Kodambakkam,, Chennai)** under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- b. The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1.	Honorarium for Coordinator	Rs. 10,000/-
2.	Honorarium to Computer Operator	Rs. 2,000/-
3.	Honorarium for experts (Rs.5000 per session for total 14 session)	Rs. 70,000/-
4.	Provision for payment to Lab Attendant	Rs. 1,000/-
5.	Miscellaneous charges /Petty expenses not covered above	Rs. 10,000/-
TOTAL:		Rs. 93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form.

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have approved by coordinator attended the program with minimum **80% of attendance** and scored **minimum 60% marks** in the test.

IV. Submission of documents by university/institution


- a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program: -
 - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.
 - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme.**
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

- a. **Maximum 200 participants** may be allowed to attend online FDP. Coordinators are free to admit small number of participants depending on the feasibility.
- b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have **attendance 80% or more** and also **score more than 60% in the test** will be issued a **digital certificate.**
- c. These **online sessions are to be recorded** as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on Youtube of Google drive share recording link of the sessions with AICTE.
- d. **Eligibility for Participants:**
 - (i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/ School Teachers and staff of host institutions
 - (ii) Not more than 30% from Host Institution
- e. If programme is not conducted in the financial year 2021 only, there leased amount, has to be returned back to AICTE.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- g. FDP Title Name, Name of Coordinator, Institute Name is not allowed to change without permission, however schedule dates may be changes with information to ATAL Academy Cell and Regional Office.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,


[M. SUNDARESAN]
REGIONAL OFFICER
AICTE, SRO, CHENNAI


 21/12/2021

Copy forwarded for information and necessary action to: -

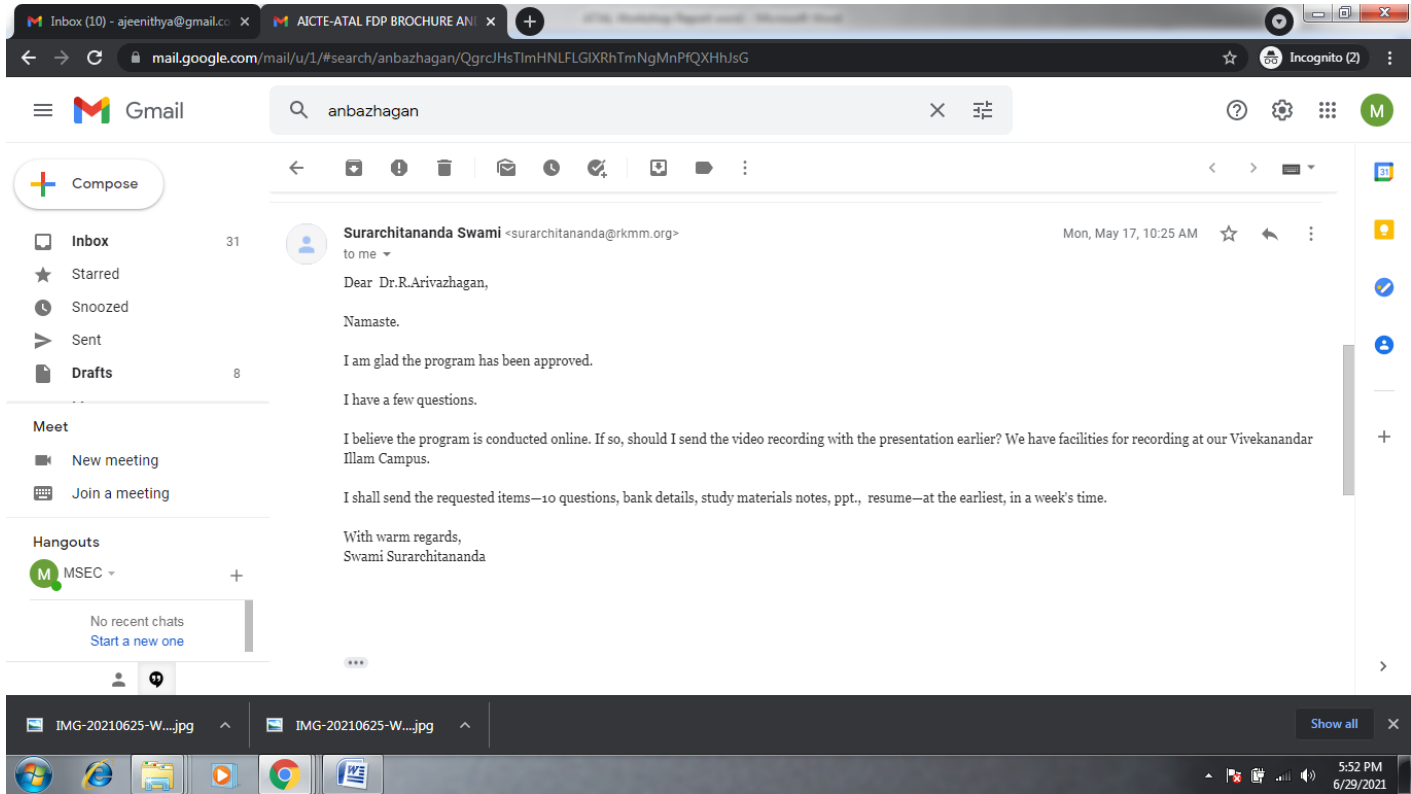
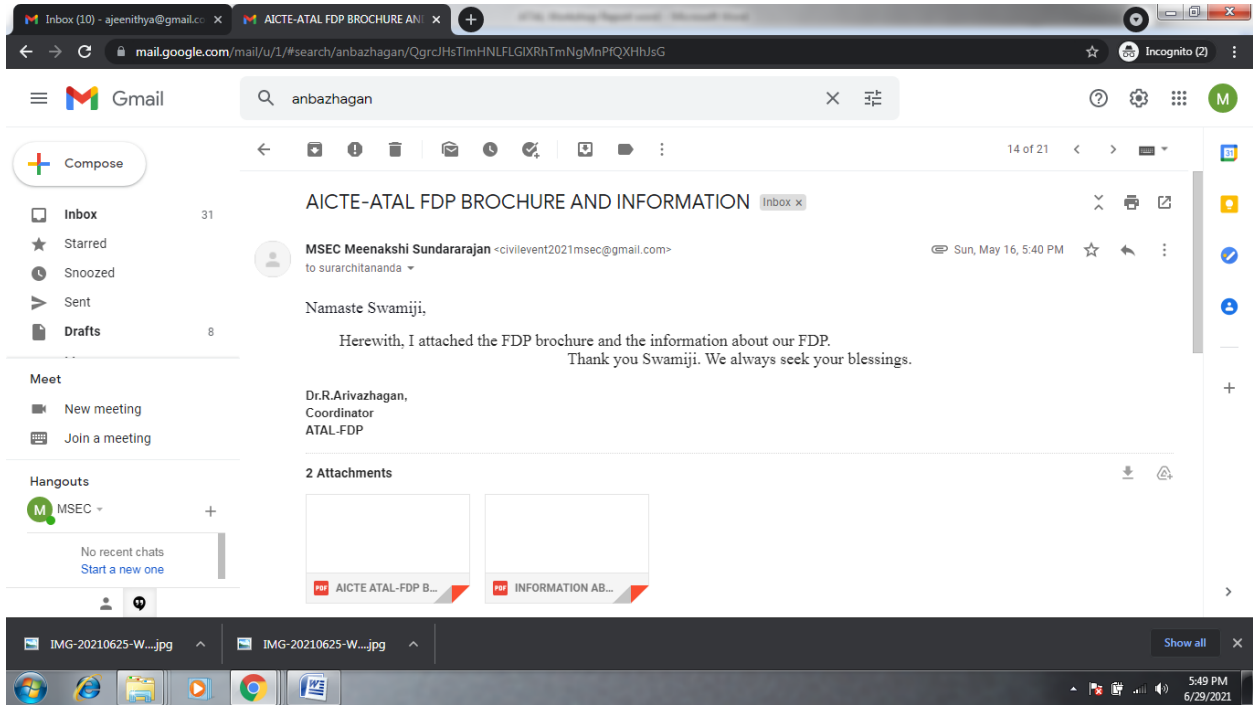
1. Principal, Meenakshi Sundararajan Engg. College, Chennaifor information.
2. ATAL Academy Cell AICTE HQ
3. Guard File.

8. Work schedule to the faculty

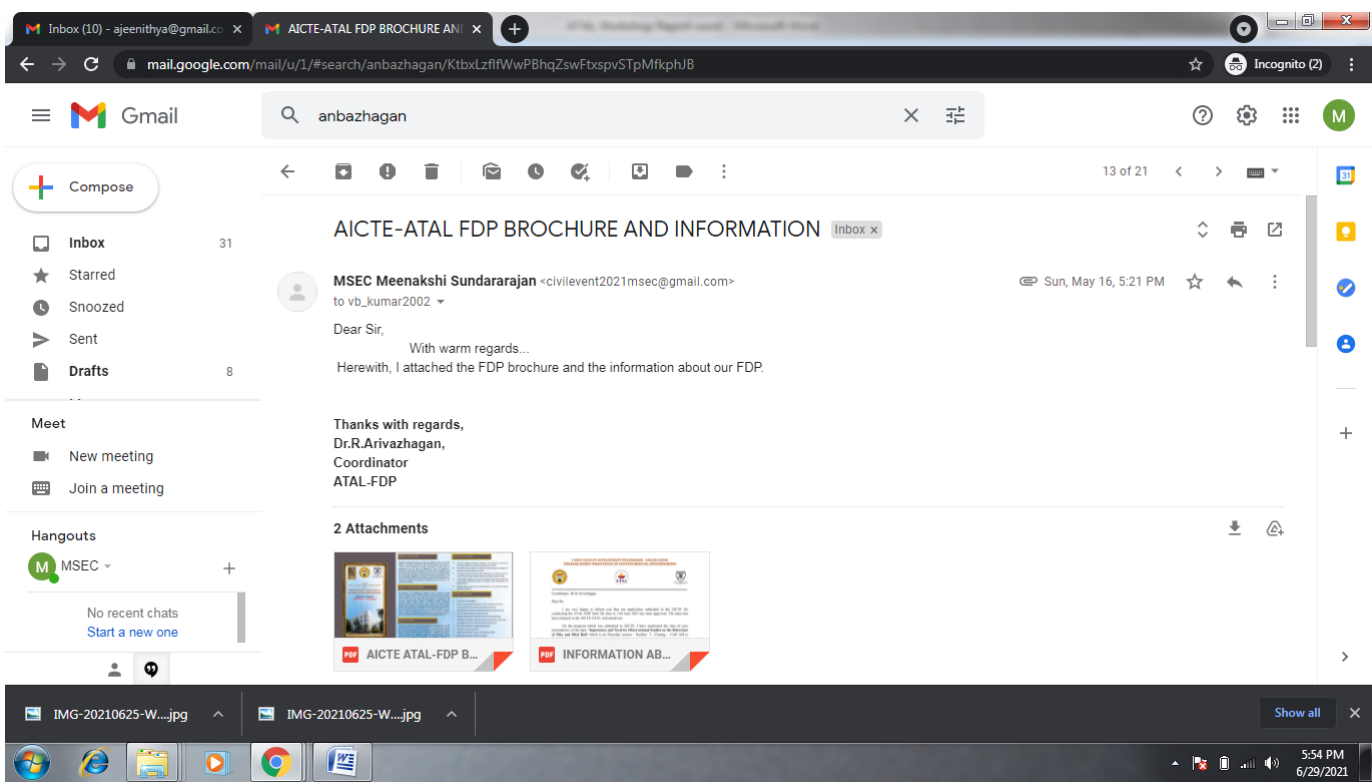
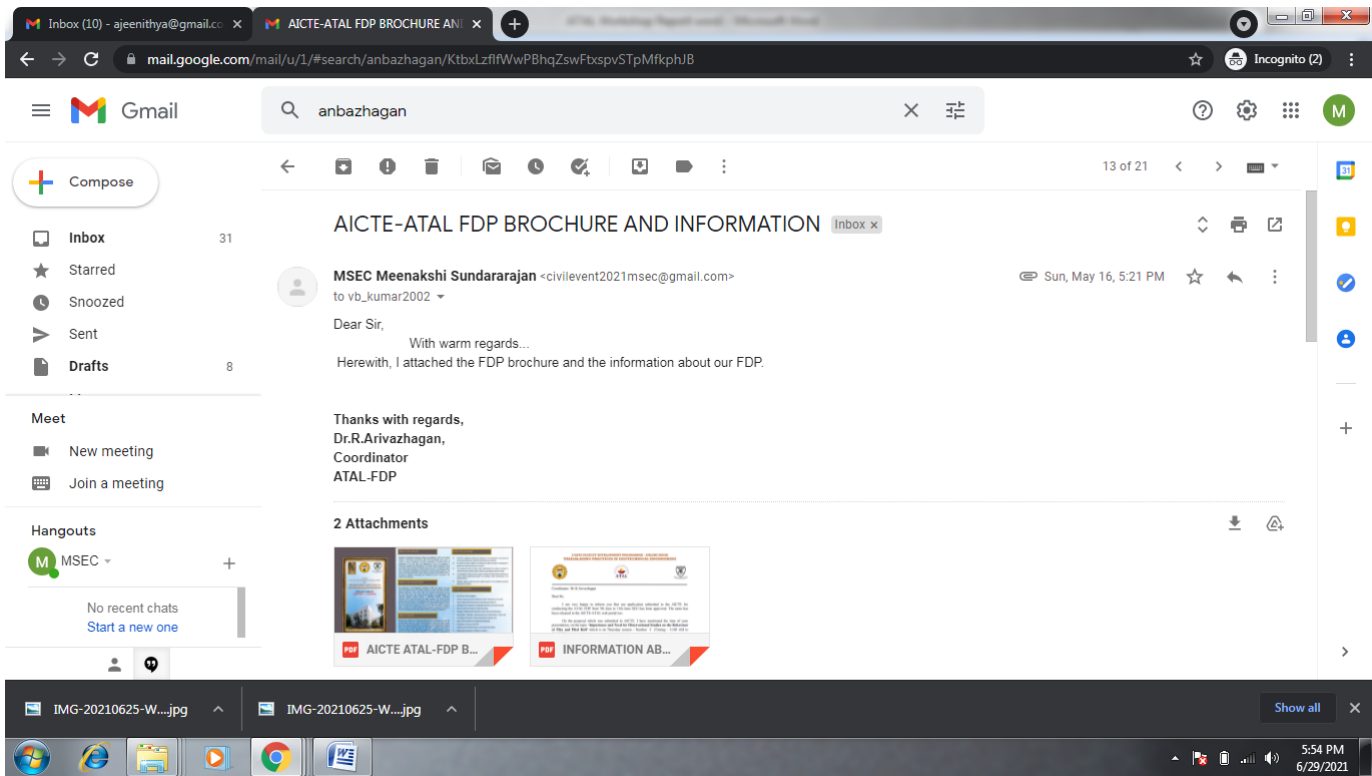
Faculty name	PRE SESSION	DURING SESSION	POST SESSION
1.Dr.L.Ramajeyam HOD/Dean-PG Studies		<ol style="list-style-type: none"> 1. Inaugural speech 2. College presentation 3. Concluding remarks 4. Vote of thanks 	
2.Dr.R.Arivazhagan Assistant Professor	<ol style="list-style-type: none"> 1. Team identification 2. Proposal preparation 3. Topics selection and search the resource person for the recent topic selected 4. Getting concern from all the resource person 5. Brochure design 6. Coordinating all the resource persons to make a presentation, study material and MCQ 7. Everyday monitoring the AICTE web portal for giving approval and acceptance of partisans 	<ol style="list-style-type: none"> 1. Conducting 5 days FDP coordinating with other staff 	<ol style="list-style-type: none"> 2. Report preparation 3. Uploading all the necessary documents and accounts 4. Dispose of the funds coordinate with Mrs.Vatchala Devi
3.Mrs.U.Nirmalambal Associate Professor		<ol style="list-style-type: none"> 1. Day 2 Speaker introduction 	
4.Mrs.G.Anbu Neema, AP		<ol style="list-style-type: none"> 2. Day 3 Speaker introduction 	
5.Mrs.M.Malini Gayathri, AP		<ol style="list-style-type: none"> 3. Day 1 and Day 4 Speaker introduction 	
6.Mrs.K.Nithya, AP	<ol style="list-style-type: none"> 1. Making brochure along with Mr.Saravanan and Mr.Raikumar 2. Preparation of college and department presentation along with Mr.Bharathraj and Mr.Amirtha Gokul 3. Sending FDP brochure to colleges all over India. 4. Monitoring AICTE official portal and 	<ol style="list-style-type: none"> 1. Monitoring the attendance and updating the attendance 2. Preparing the speaker introduction slides for all the days along with staffs. 3. Sending the instruction to the participants 4. Sending the course materials and notes to the participants 	<ol style="list-style-type: none"> 1. Uploading the attendance in the ACTE portal along with Mr.Saravanan 2. Uploading Assessment marks of participants in the ACTE portal along with Mr.Saravanan

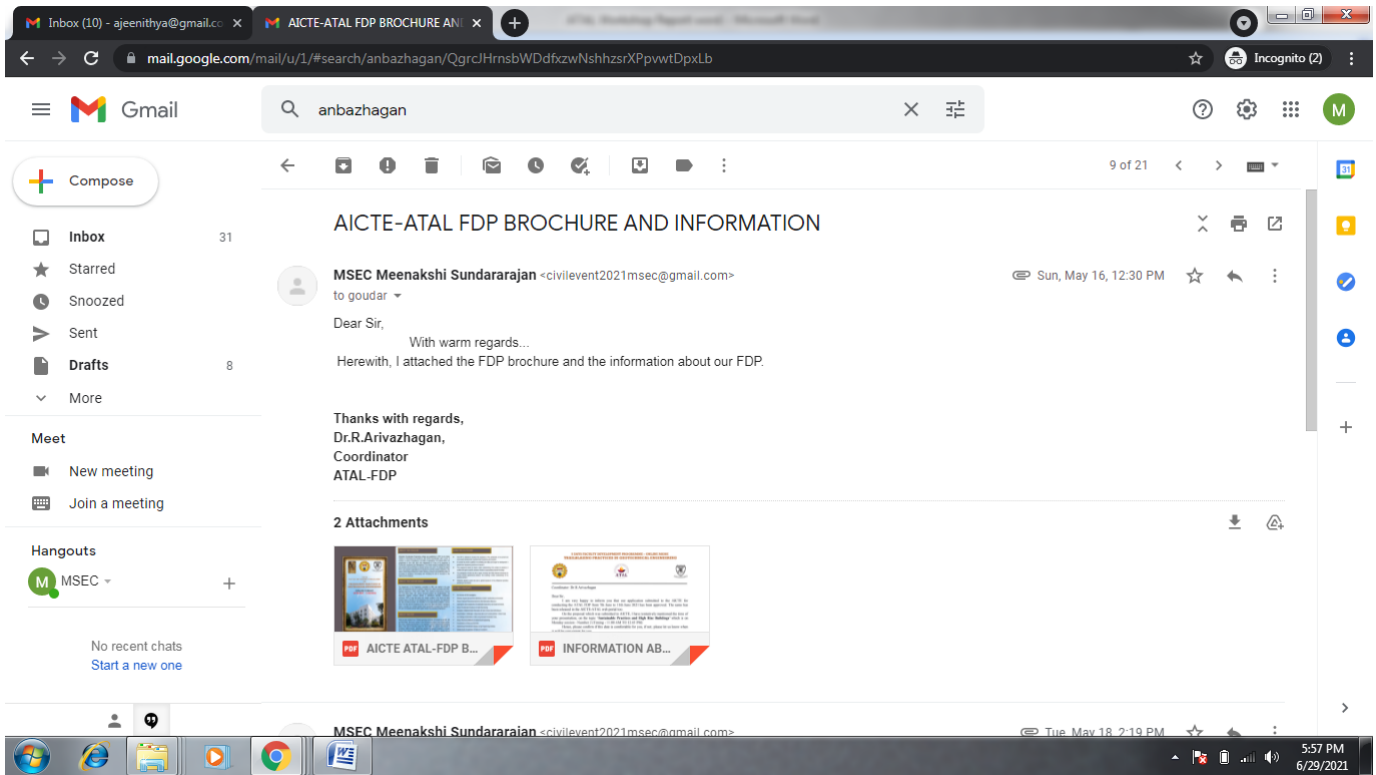
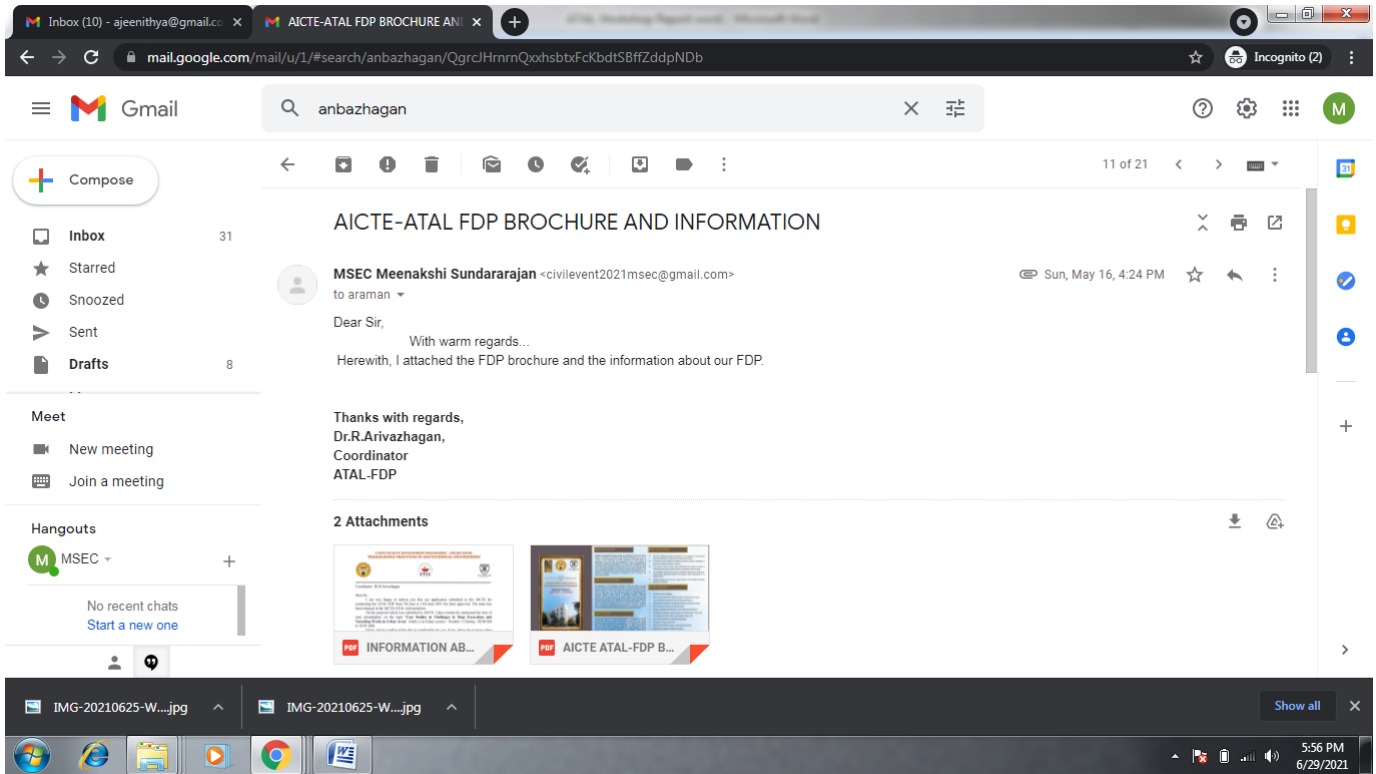
	<p>approved the participants along with Prof.Dr.R.Arivazhagan.</p> <ol style="list-style-type: none"> Preparation of feedback links along with Mr.Saravanan for all the days. 	<ol style="list-style-type: none"> Assisting digital works for all the sessions along with Mr.Saravanan. Making trail sessions with all the speakers along with Mr.Saravanan Day 5 Speaker introduction 	
7.Mr.S.Saravanan, AP	<ol style="list-style-type: none"> Making brochure along with Mrs. Nithya.K and Mr.Raikumar Creation of mail and whatsapp group to communicate the instructions to the participants. Preparation of feedback links along with Mrs. Nithya.K for all the days. Preparation of agenda for all the days. 	<ol style="list-style-type: none"> Sending the instruction to the participants through whatsapp Assisting digital works for all the sessions along with Mrs. Nithya.K Making trail sessions with all the speakers along with Mrs. Nithya.K Scrutinizing and conducting assessment. 	<ol style="list-style-type: none"> Compiling feedback and attendance in the portal. Preparation of FDP report Uploading the assessment marks of participants in the ACTE portal along with Mrs.Nithya.K Compiling links for all the 5 days
8.Mr.S.Barath Raj, AP	<ol style="list-style-type: none"> Preparation of college presentation along with Mrs.K.Nithya 	<ol style="list-style-type: none"> Co host for Day 1 & 2 	
9.Mr.N.Ravikumar, AP	<ol style="list-style-type: none"> Making brochure along with Mr.Saravanan and Mrs.K.Nithya 	<ol style="list-style-type: none"> Co host for Day 1 & 2 	
10.Mr.G.Amirtha Gokul, AP	<ol style="list-style-type: none"> Preparation of college presentation along with Mr.Bharathraj and Mrs.K.Nithya 	<ol style="list-style-type: none"> Compiling MC Qs for assessment 	

9. Proof for Invitation from coordinator and acceptance by the Speakers



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

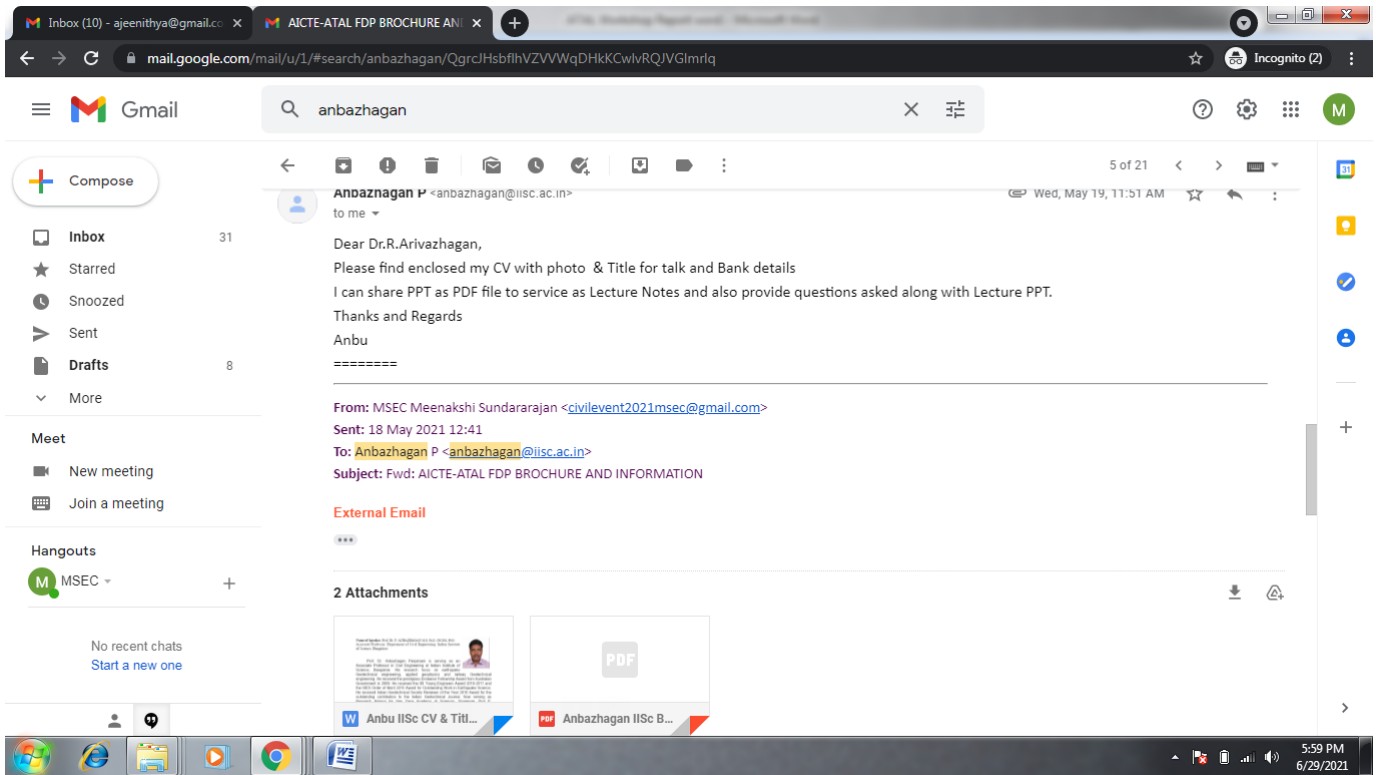
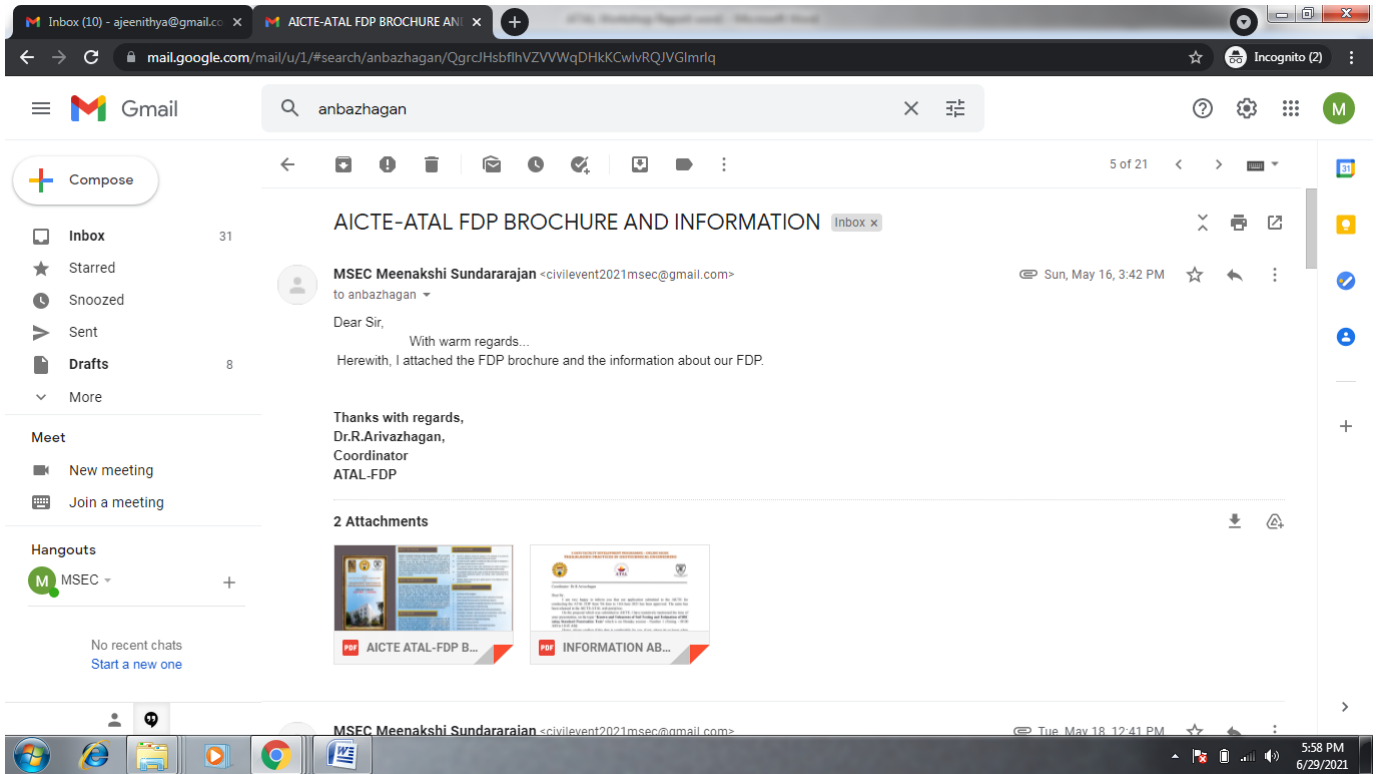




This screenshot shows a Gmail inbox with the search filter 'anbazhagan'. The selected email is from MSEC Meenakshi Sundararajan, dated Sun, May 16, 12:30 PM. The subject is 'AICTE-ATAL FDP BROCHURE AND INFORMATION'. The email body contains a greeting, a reference to an attached FDP brochure and information, and a signature for Dr. R. Arivazhagan, Coordinator of ATAL-FDP. Two attachments are visible: 'AICTE ATAL-FDP B...' and 'INFORMATION AB...'. The left sidebar shows standard Gmail navigation options like Compose, Inbox (31), Starred, Snoozed, Sent, Drafts (8), Meet, and Hangouts. The Windows taskbar at the bottom shows the system clock as 5:57 PM on 6/29/2021.

This screenshot shows a Gmail inbox with the search filter 'anbazhagan'. It displays a conversation between Dr. Asha Panchanathan and MSEC Meenakshi Sundararajan. The first email is from Dr. Asha Panchanathan, dated Tue, May 18, 11:45 AM, where she thanks the sender for an opportunity and provides account details for a presentation and MCQ submission. The second email is a reply from MSEC Meenakshi Sundararajan, dated Wed, May 19, 5:00 PM, thanking her. The email body includes account information: Account Name: P.Asha, Account Number: 074010100374194, IFSC Code: UTIB0003664, and Branch: Thirmangalam, Chennai. The left sidebar and Windows taskbar (5:58 PM on 6/29/2021) are also visible.

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

This screenshot shows a Gmail inbox with the search filter 'anbazhagan'. The selected email is titled 'Invitation - Inaugural function and Technical sessions of ATAL FDP' and is from MSEC Meenakshi Sundararajan to Dodagoudar, dated Monday, June 7, 6:54 AM. The email content includes a Zoom link and meeting details.

Invitation - Inaugural function and Technical sessions of ATAL FDP

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com> to Dodagoudar

Dear Sir,

On behalf of the organizing committee, I am happy to share you the zoom link of inaugural session and technical sessions of **AICTE ATAL 5 DAYS FACULTY DEVELOPMENT PROGRAMME ON "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"** scheduled tomorrow (07-06-2021) from 08:30 AM IST. Zoom Link.

Join Zoom Meeting

<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVldVJZQT09>

Meeting ID: 881 1425 8391
Passcode: 90Kw3b

Thanks with regards,
Dr.R.Arivazhagan
Coordinator
AICTE-ATAL FDP

This screenshot shows a Gmail inbox with the search filter 'anbazhagan'. The selected email is titled 'Invitation - Inaugural function and Technical session of ATAL FDP' and is from MSEC Meenakshi Sundararajan to Anbazhagan, dated Monday, June 7, 6:47 AM. The email content includes a Zoom link and meeting details, and it has two attachments.

Invitation - Inaugural function and Technical session of ATAL FDP

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com> to Anbazhagan

Dear Sir,

On behalf of the organizing committee, I am happy to share you the zoom link of inaugural session and technical sessions of **AICTE ATAL 5 DAYS FACULTY DEVELOPMENT PROGRAMME ON "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"** scheduled tomorrow (07-06-2021) from 08:30 AM IST. Zoom Link.

Join Zoom Meeting

<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVldVJZQT09>

Meeting ID: 881 1425 8391
Passcode: 90Kw3b

Thanks with regards,
Dr.R.Arivazhagan
Coordinator
AICTE-ATAL FDP

2 Attachments

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

**Department of Civil Engineering
Meenakshi Sundararajan Engineering College
AICTE - SAT 1
INAUGURAL FUNCTION**

Anbazhagan P
to me
Mon, Jun 7, 10:59 AM

Please find enclosed PPT in PDF file to share with participate

From: MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
Sent: 07 June 2021 06:47
To: Anbazhagan P <anbazhagan@iisc.ac.in>
Subject: Invitation - Inaugural function and Technical session of ATAL FDP

External Email

[Message clipped] [View entire message](#)

PDF

Anbu IISc FDP-AIC...

AICTE-ATAL FDP INFORMATION (Inbox x)

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
to araman
Thu, Jun 10, 8:05 PM

Dear Sir,
I humbly request you to please send those the following

1. 10 multiple-choice questions based on your presentation
2. Bank Details (Bank name, Branch, Account number, IFS code, PAN number, Mobile number, email address)
3. Study Material, which has to be sent to the participants. (Notes related to your presentation or presentation itself).

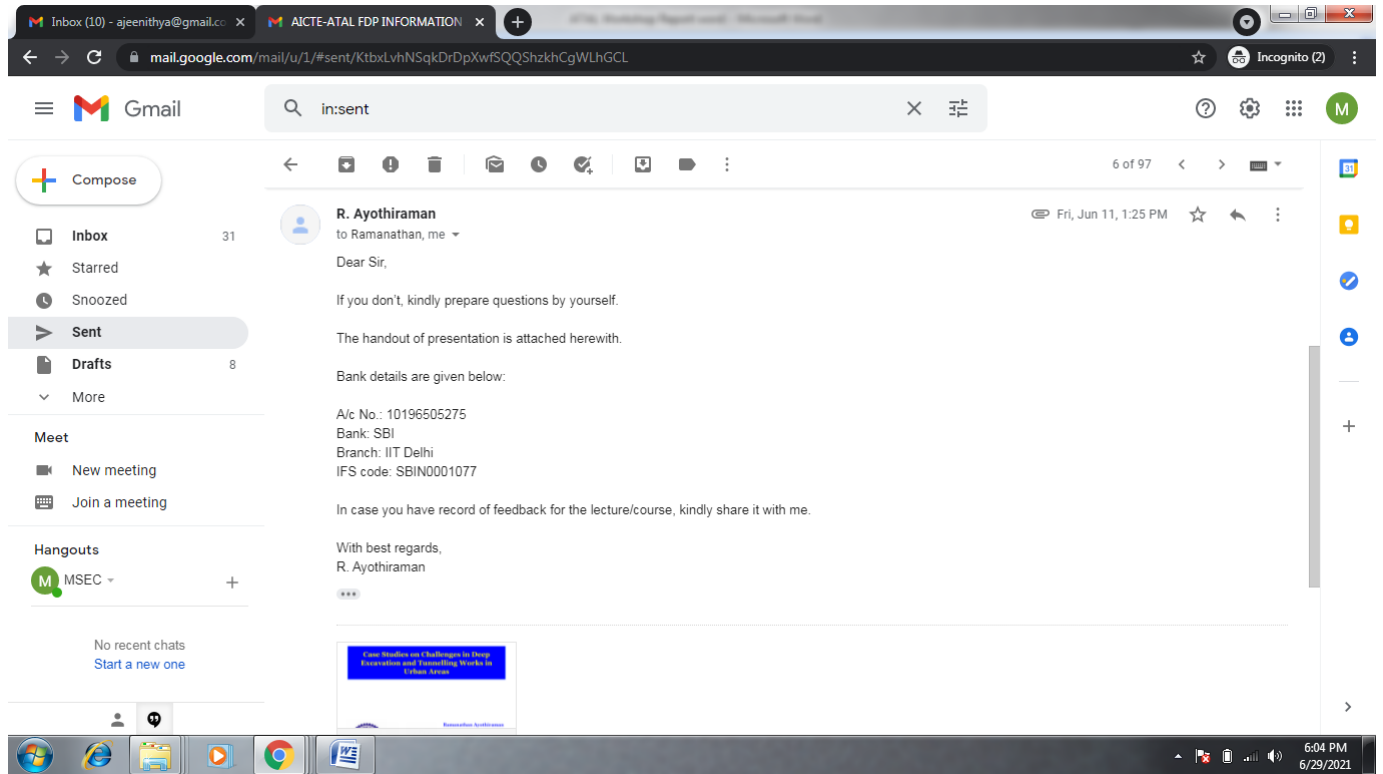
Thanks with regards,
Dr.R.Arivazhagan,
Coordinator
ATAL-FDP

R. Ayothiraman
Dear Sir, If you don't, kindly prepare questions by yourself. The handout of presentation is attached herewith. Bank details are given below: A/c No.: 101965052
Fri, Jun 11, 1:25 PM

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
to Ayothiraman
Sat, Jun 12, 10:09 AM

Thank you sir

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



10. Speaker profile

The speakers for the 5-day workshop on "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" were:

Dr. P. Anbazhagan Associate Professor Indian Institute of Science, Bangalore.	
	<ul style="list-style-type: none"> • Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore. • He has published 94 Journal papers , 101 conference papers and 1 book & 3 chapters • Serving as a visiting professor for the third time in King Saud University, Riyadh, Saudi Arabia and he is also serving as an expert member in National Committees and Editorial board/review members in journals
Dr. G.R.Dodagoudar, Professor , Indian Institute of Technology Madras, Chennai	
	<ul style="list-style-type: none"> • Diploma in 1988 ,Bachelor of Civil Engineering from Basaveswara College of Engineering, Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995. • Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001. • He has over 18 years of research, teaching experience within the broad fields of civil engineering education and 1 year experience in Industry • He has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student.
Dr. Janardhanan Gangathulasi, Associate Professor, National Institute of Technical Teachers Training and Research, Chennai	
	<ul style="list-style-type: none"> • He has over 18 years of research, teaching and consulting experience within the broad fields of Civil, Environmental engineering, and Geotechnical Education • Granted patent by GOI towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe. • Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).

Swami.Surachitananda , Sri Ramakrishna Math, Chennai



- Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai.
- Swami Surarchitananda is a monk of Ramakrishna Math and Mission.
- Swamiji is the author of “Swami Abhedananda- A Yogi Par Excellence” and has compiled numerous other books.
- Swamiji also wrote a column on “Indian Culture and Heritage” and published a research article with new findings on Netaji Subhas Chandra Bose in “The Vedanta Kesari” magazine.

Dr. S. Jayalekshmi, Professor, National Institute of Technology, Tiruchirappalli



- Currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India’s first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance
- A recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea.
- Instrumental in bringing the ISRO Project related to Chandrayaan – 2 to the Civil Engineering Department. A simple experimental setup for wheel soil interaction studies on Lunar Simulants has been developed.
- A Collaborative Project has been completed with Ms. Golcha Associates, India’s largest Talc Manufacturer. An innovative floating concrete canoe fabricated under her guidance was awarded a certificate of appreciation by Indian Concrete Institute and I.I.T. Madras.

Dr. P. Asha, Professor, HOD (Incharge), St.Peter’s Institute of Higher Education and Research, Chennai



- Dr.P.Asha has completed B.Tech and M.Tech from Pondicherry Engineering College and PhD from Anna University.
- She has 5 years of industrial experience in L& T ECC division Chennai and 14 years of teaching experience.
- She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academician category from Construction Industry Development Council, New Delhi in 2017.

Dr.R.Arivazhagan, Associate professor, Meenakshi Sundararajan Engineering College, Chennai



- B.Sc in Mathematics from St. Xavier’s College Pallayamkottai.
- Engineering degree in Civil Engineering from the Institution of Engineers(India) and the Institution of Engineering and Technology (London)
- M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University.
- Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy ,Anna University.
- A reviewer for International journal – Technical Gazette

Dr.K.Premalatha, Professor , College of Engineering Guindy, Anna University, Chennai



- Completed her under graduate BE programme in Annamalai University in 1986, post graduate ME programme and Ph.D in College of Engineering Guindy, Anna University Chennai in 1990 and 2002 respectively.
- She has published over 100 papers in international journals and conferences.
- Apart from academic research, she has completed funded research from TNHB Chennai, Ministry of Coal and Ministry of Information Technology, Government of India and Ministry of Revenue Administration and Disaster Management, Government of Tamil Nadu.
- She also acted as the Secretary for Indian Geotechnical Society, Chennai Chapter. For the term 2010 – 2012. The Chapter received **The Best chapter Award** from **The Main Chapter housed** in New Delhi for the Professional activity of the above year.

Mr.Shivaditya Ashok Kumar, Marine Geotechnical Engineer, COWI



- He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018
- He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics.
- He had finished his B.E. Anna University, in Civil Engineering
- At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures .
- He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020.

Dr. Vishwas A Sawant, Professor, Indian Institute of Technology, Roorkee



- He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993.
- Dr. Vishwas has over 22 years of research, teaching and consulting experience within the broad fields of civil, geotechnical engineering, engineering education.
- He has published around 70 research articles in international and 21 research articles in national journals.
- Dr. Vishwas A Sawant has guided 10 Ph.D students and 11 ongoing researchers and 34 master's thesis.

Dr.V.Balakumar, Structural & Geotechnical Consultant, Simplex Infrastructures Ltd



- Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on.
- He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS – AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society
- He was involved in the design and construction of driven cast in-situ piles for which he shifted himself to United Technical Consultants Pvt Ltd, Chennai and was involved in large soil investigations (more than 300

	projects) including planning and execution of field and laboratory tests and preparation of reports.
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Prof.P.Sachithanatham, Professor and Head of Department of Civil Engineering, Sri Lakshmi Ammal Engineering College, Chennai



- He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.
- He Received Best Teacher Award for the Academic year 2011 – 12 from Bharath University.
- He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam(CBR No. 14911):The Controller of Patents, The Patent Office,Intellectual Property Office Building,G.S.T.Road,Guindy,Chennai-32.
- He has also Received Best Teacher Award for the Academic year 2013 – 14 from Bharath University in commemoration of Teacher’s Day Celebration on 5th September 2014

Dr. Ramanathan Ayothiraman, Professor, Indian Institute of Technology, Delhi



- Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years.
- Graduated from Madurai Kamaraj University in April 1998
- Post-Graduation from College of Engineering Guindy in Jan’ 2000 with Gold Medal.
- Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005.
- Prof. Ayothiraman is also serving as member of BIS for revising National Building Code and Codes related to machine foundation.
- He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Lucknow metro and several other projects of national importance.

11. Program schedule

07/06/2021 MONDAY	08:30 AM to 09:00 AM	Inaugral Speech - Dr.K.S.Babai, Secretary and Dr.P.K.Suresh, Principal
	09:00 AM to 10:45 AM	Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests - Dr.P.Anbazhagan, Associate Professor , IISC Bangalore
	11:00 AM to 12:45 PM	Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor , IIT Madras
	02:00 PM to 03:45 PM	Sustainable Geotechnics - The Way Ahead - Dr.G.Janardhan, Associate Professor , NITTR, Chennai
08/06/2021 TUESDAY	09:00 AM to 10:45 AM	Understanding Perception, Conscious and Subconscious Mind and Meditation - Swami Surarchitananda , Sri Ramakrishna Math, Chennai
	11:00 AM to 12:45 PM	Introduction to Terramechanics - Dr.S.Jayalekshmi, Professor , NIT Tiruchirappalli
	02:00 PM to 03:45 PM	Soil Investigation an Overview - Dr.P.Asha, Professor and HoD (Incharge) , St.Peter's Institute of Higher Education and Research, Chennai
09/06/2021 WEDNESDAY	09:00 AM to 10:45 AM	Various Phenomena behind the Soil Deformation Behaviour - Dr.R.Arivazhagan, Assistant Professor , Meenakshi Sundararajan Engineering College, Chennai
	11:00 AM to 12:45 PM	Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - Dr.K.Premalatha, Professor , CEG Guindy, Anna University, Chennai
	02:00 PM to 03:45 PM	Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer , COWI
10/06/2021 THURSDAY	09:00 AM to 10:45 AM	Numerical Methods in Geotechnical Engineering - Dr.Sawant Viswas A, Professor , IIT Roorkee
	11:00 AM to 12:45 PM	Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - Dr.V.Balakumar, Senior Consultant , Simplex Infrastructures Ltd
	02:00 PM to 03:45 PM	Application of Shells in Foundations - Prof.P.Sachithanantham, HoD , Sri Lakshmi Ammal Engineering College
11/06/2021 FRIDAY	09:00 AM to 10:45 AM	Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas - Dr.R.Ayothiraman, Professor , IIT Delhi
	11:00 AM to 12:45 PM	Statistical Characterisation of Grain Size Distribution in Sandy Soils - Dr.R.Arivazhagan, Assistant Professor , Meenakshi Sundararajan Engineering College, Chennai
	02:00 PM to 03:45 PM	Valedictory Function

12. AICTE Inaugural Ceremony



All India Council for Technical Education
AICTE Training & Learning (ATAL) Academy

Chief Guest

Prof. Pramod Kumar Jain, Director, IIT BHU

Guest of Honour
 
Prof. M. P. Poonia, Vice-Chairman, AICTE
Prof. Rajive Kumar, Member Secretary, AICTE

Inaugural Ceremony of
43 Online ATAL Faculty Development Programmes

7th June, 2021 | 11.00 AM



ATL  

All India Council for Technical Education, New Delhi
AICTE Training And Learning (ATAL) Academy

Inauguration of 43 online FDP's
Date: June 07, 2021 at 11:00am
Minute to Minute Program

	Arrival of Honorable Chief Guest and Dignitaries
11:00 am	Welcome Address by Dr. Bhawana Rudra , NIT Karnataka
11:03 am	About : ATAL Academy by Dr. Ravindra Kumar Soni , Director, AICTE
11:06 am	Address by Dr. Poonam Agarwal Thakur , Principal, NIIFT Ludhiana
11:09 am	Address by Sh. Sunil Gupta , Principal Director, Ministry of MSME, Technology Development Center, Meerut
11:12 am	Address by Prof. Ananthanarayana V S , Deputy Director, NITK Surathkal
11:15 am	Address by Prof Siby John , Director PEC Chandigarh
11:18am	Address by Prof. Rajive Kumar , Member Secretary AICTE
11:23 am	Address by Prof M P Poonia , Vice Chairman AICTE
11:28 am	Address by Chief Guest Professor Pramod Kumar Jain , Director, IIT BHU
	Vote of Thanks by Sh. M. Sundaresan , Deputy Director, AICTE
	Inaugural Program Close



13. Inaugural Invitation



5 DAYS
FACULTY DEVELOPMENT PROGRAMME ON
TRAILBLAZING PRACTICES IN
GEOTECHNICAL ENGINEERING
07.06.2021 - 11.06.2021
Organized by
Department of Civil Engineering
Meenakshi Sundararajan Engineering College
AGENDA - DAY 1
INAUGURAL FUNCTION

08:30 AM - Prayer Song and Blessings
from Sri Ramakrishna Math
Vivekananda House

08:35 AM - Welcome Address
Dr.L.Ramajeyam, HOD / Dean P.G.Studies

08:42 AM - Inaugural Address
Dr.R.Arivazhagan, Coordinator, ATAL FDP 2021-22

08:45 AM - Felicitation
Dr.P.K.Suresh, Principal

08:48 AM - An Overview of the College
Dr.K.Umarani, Dean Academics

08:55 AM - Felicitation
Dr.K.S.Babai, Secretary

Vote of Thanks by Mr.S.Saravanan, Assistant Professor

SESSION 1
09:00 AM to 10:45 AM
Known and Unknowns of Soil Testing and Estimation of SBC using
Standard Penetration Tests
Dr.P.Anbazhagan, Associate Professor, IISC Bangalore

SESSION 2
11:00 AM to 12:45 PM
Sustainable Practices and High Rise Buildings
Dr.G.R.Dodagoudar, Professor, IIT Madras

SESSION 3
02:00 PM to 03:45 PM
Sustainable Geotechnics - The Way Ahead
Dr.G.Janardhanan, Associate Professor, NITTR, Chennai

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

131	Mr. NAMBI HARISH	N.B.K.R. INSTITUTE OF SCIENCE AND TECHNOLOGY	9985332393	nambiharish.ce@gmail.com
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135	Mr. Lokesh.S	Narasu's Sarathy Institute of Technology	9789146063	lokeshselvam09@gmail.com
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155	Mr. Hardik Amrutbhai Prajapati	Mahavir Swami College of Polytechnic	9913491887	hardik20885@gmail.com

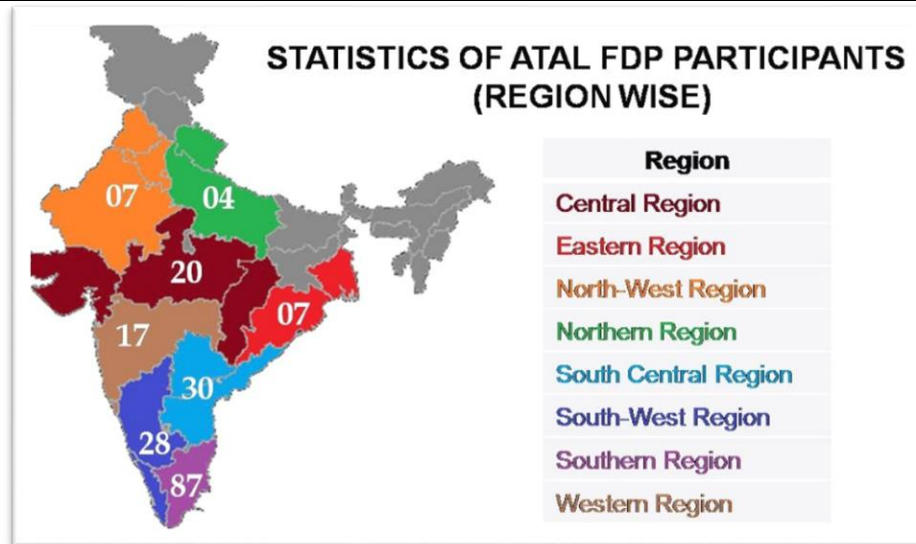
ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

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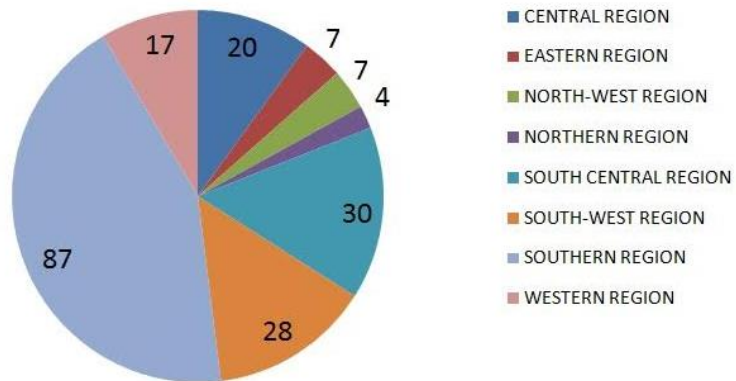
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197	Mr. Laxman Dhamoji	K.L.Es C.B.Kore Polytechnic Chikodi	9964326313	laxmandhamoji1971@gmail.com
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200	Mr. Rakesh Reddy Eadala	Andhra University College of Engineering	8008221754	rakesh.eeecs@gmail.com

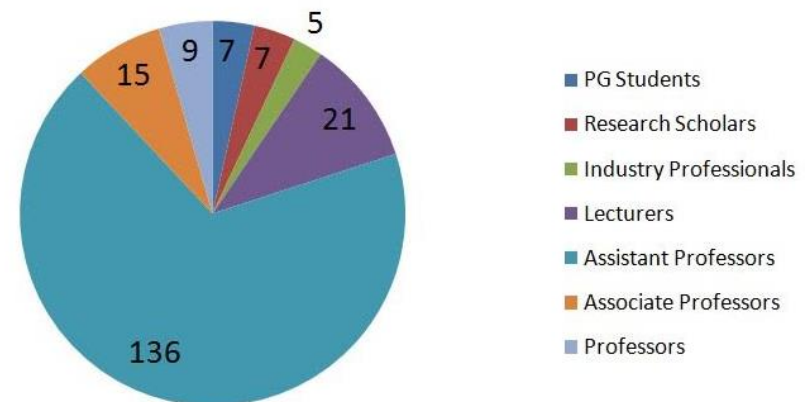
15. Statistics of participants



STATISTICS OF ATAL FDP PARTICIPANTS (REGION WISE)



STATISTICS OF ATAL FDP PARTICIPANTS (DESIGNATION WISE)



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
**Known and Unknowns of Soil Testing and Estimation of SBC
using Standard Penetration Tests**
Date : 07-06-2021, Time: 09.00am to 10.45am

SPEAKER
Dr.P.Anbazhagan
Dr.P.Anbazhagan is an Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore. He has guided 6 Ph.D scholars and 11 Master's Thesis. He has published 94 Journal papers, 101 conference papers and 1 book & 3 chapters. He is a member of several expert committees constituted by Government of India and is now serving as research advisor for Nan Yang Academy of Sciences, Singapore. Dr.P.Anbazhagan is serving as a visiting professor for the third time in King Saud University, Riyadh and is also serving as expert member in Editorial Board / review members in Journals. He received the prestigious Endeavor Fellowship Award from Australian Government in 2009. He received the IEI Young Engineers Award 2010-2011 and the ISES Order of Merit 2015 Award for Outstanding Work in Earthquake Science. He received Indian Geotechnical Society Reviewer of the Year 2016 Award for the outstanding contribution to the Indian Geotechnical Journal.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
Sustainable Practices and High Rise Building
Date : 07-06-2021, Time: 11.00am to 12.45pm

SPEAKER
Prof Dr.G.R.Dodagoudar
Dr. G.R.Dodagoudar is Professor of Department of Civil Engineering at Indian Institute of Technology Madras, Chennai. He completed his Diploma in 1988, Bachelor of Civil Engineering from Basaveswara College of Engineering, Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995. He completed his Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001. He has over 18 years of research, teaching within the broad fields of civil engineering education and 1 year experience in Industry and published around 59 papers in international journal and 42 papers in national journals and more than 120 papers in proceeding of conference and has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student. He has written one book and two monographs. He is very active in continuing education programs, and delivers lectures and motivating talks to students, academicians and working professionals across the country.

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Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
Sustainable Geotechnics - The Way Ahead
Date : 07-06-2021, Time: 02.00pm to 03.45pm

SPEAKER
Dr.Janardhanan Gangathulasi
Dr.Janardhanan Gangathulasi is Associate Professor of Civil and Environmental Engineering and Head of Centre for international Affairs and Centre for Curriculum Development, Planning and Coordination at the National Institute of Technical Teachers Training and Research, Chennai. He has over 18 years of research, teaching and consulting experience within the broad fields of civil, environmental engineering, engineering education. His research and training programme is funded by the ITEC, DST, World Bank, MHRD, PWD and several prominent state government and industries. Dr.G.Janardhanan published around 45 research articles in international and national journal and conference. He has been granted patent by Govt towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe. He has coordinated more than 200 training programmes and trained more than 15000 participants. He has developed and offered six MOOCs with a registration more than 30000. He is a Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).

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17. Posters for ATAL-FDP Day 2



**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24**

Invites you for a talk on
**Understanding Perception, Conscious and Subconscious Mind
and Meditation**
Date : 08-06-2021, Time: 09.00 AM to 10.45 AM



SPEAKER
Swami. SURARCHITANANDA

Swami Surarchitananda is a monk of Ramakrishna Math and Mission. Swamiji worked in various capacities in Chennai and Thirissur centres. At present, Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai. Swamiji is the author of "Swami Abhedananda- A Yogi Par Excellence" and has compiled numerous other books. Swamiji also wrote a column on "Indian Culture and Heritage" and published a research article with new findings on Netaji Subhas Chandra Bose in "The Vedanta Kesari" magazine. Swamiji participated in some of the relief works organized by our Math and Mission Chennai floods 2015, Nagapattinam floods 2017, Kerala floods 2018, Nivar cyclone 2020.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24**

Invites you for a talk on
Introduction to Terramechanics
Date : 08-06-2021, Time: 11.00 AM to 12.45 PM



SPEAKER
Dr.S.Jayalekshmi, Professor

Dr.S.Jayalekshmi is currently working as professor in Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu. She is a recipient of Bharat Jyoti Award, Thiru Meenakshi Sundaram Pillai Merit Prize for securing University first rank in M.E.. She is currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India's first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance. She was instrumental in bringing the ISRO Project related to Chandrayaan - 2 to the Civil Engineering Department. She is also a recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea. A Collaborative Project has been completed with Ms. Golcha Associates, India's largest Talc Manufacturer. She is the member of committee for safety and security of institution, life member of IGS, member of institution of engineers (India) and organising committee of ACE 2016.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24**

Invites you for a talk on
Soil Investigation An Overview
Date : 08-06-2021, Time: 02.00pm to 03.45pm



SPEAKER
Prof Dr.P.Asha

Dr.P.Asha is a Professor and HOD (incharge) in Department of Civil Engineering at St.Peter's Institute of Higher Education and Research, Chennai. She has 5 years of industrial experience and 14 years of teaching experience. She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academican category from Construction Industry Development Council, New Delhi in 2017. She has organized 20 national, international conferences, workshops and seminars out of which two are sponsored by DST SERB. She is a reviewer of international journals like Structural Engineering and Mechanics, Australian Journal of Structural Engineering. She has 2 patents published.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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18. Posters for ATAL-FDP Day 3

 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format)</p> <p align="center">07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Various Phenomena behind the Soil Deformation Behaviour Date : 09-06-2021, Time: 09.00 AM to 10.45 AM</p> <div data-bbox="126 885 220 974">  <p>SPEAKER Dr.R.Arivazhagan</p> </div> <p>Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai. He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities. B.Sc in Mathematics from St. Xavier's College Pallayamkottai. Engineering degree in Civil Engineering from the Institution of Engineers (India) and the Institution of Engineering and Technology (London) M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University. Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University. He has published 8 papers in National and International journals. He is serving as an expert member in various universities. Also, reviewer for International journal – Technical Gazette. He is an active member of The Institution of Engineers (India). The Institution of Engineering and Technology (London), Life Fellowship in Indian Geotechnical Society.</p> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>	 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format)</p> <p align="center">07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt Date : 09-06-2021, Time: 11.00 AM to 12.45 PM</p> <div data-bbox="756 885 850 974">  <p>SPEAKER Dr.K.Premalatha</p> </div> <p>Dr.K.Premalatha is currently working as Professor in the Division of Soil Mechanics and Foundation Engineering, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai. She has over 34 years of experience in teaching. For her outstanding research, she was awarded with "Achievement Award for Research" in 2002 in Anna University. She was the Head of the Division of Soil Mechanics and Foundation Engineering from August 2013 to December 2018. She has published over 100 papers in international journals and conferences. She was the President of Society of Civil Engineers- 2014-15 CEG. Apart from academic work and research, she has undertaken many consultancy projects generating total revenue of Rs.1 crore to the University. Executive Committee member and Building Committee member- Alumni Association of CEG.</p> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>	 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format)</p> <p align="center">07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Geotechnical Finite Element Analysis using Programming Interface Date : 09-06-2021, Time: 02.00 PM to 03.45 PM</p> <div data-bbox="1407 885 1501 974">  <p>SPEAKER SHIVADITYA ASHOK KUMAR</p> </div> <p>SHIVADITYA ASHOK KUMAR, working as an Engineer in COWI, India. He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018. He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics. He got the membership in Institution of Civil Engineers (UK), Member of Indian Geotechnical Society. He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020. At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures. He also worked as an Engineer for the Analysis of slope stability of Ash Bund for thermal power plant storage and so on.</p> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>
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19. Posters for ATAL-FDP Day 4



5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Numerical Methods in Geotechnical Engineering
Date : 10-06-2021, Time: 09.00 AM to 10.45 AM



SPEAKER
Dr. Sawant Viswas A
Dr. Sawant Vishwas A is Professor of Department of Civil Engineering at Indian Institute of Technology, Roorkee. He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993. He completed his Doctorate in Philosophy from the same university in 1998. His research topic was "Finite Element Analysis of Laterally Loaded Pile and Pile Groups. Dr. Vishwas published around 70 research articles in international and 21 research articles in national journals. His research and training programme is funded by the CSIR-CBRI, TBRL, SHASTRI INDO-CANADIAN INSTITUTE, METAROLLS ISPAT PRIVATE LIMITED, etc., He is a Member in Indian Geotechnical Society (Mumbai Chapter), Indian Society for Hydraulics, Indian Geotechnical Society, Indian Society of Earthquake Technology, Indian Society For Construction Materials and Structures. Dr. Vishwas has received Endeavour Award for Post-Doctoral fellowship in 2010. He has worked as Post-doctoral fellow at Edith Cowan University, Perth Australia. He received Shastri Indo-Canadian Research Grant in March 2018.

CO-ORDINATOR
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5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft
Date : 10-06-2021, Time: 11.00 AM to 12.45 PM



SPEAKER
Dr.V.Balakumar
Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on. He is a Ph.D holder from CEG-Anna University for his Thesis Experimental Studies of Model Piled raft On Sand and Field Study of ProtoType Behavior. He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS -AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society.He is the recipient of two National Awards for his publications on piled raft. Notable project among numerous projects include nearly 2500 precast driven piles for IFFCO -Phase 2 expansion at Kandla including ground improvement in certain areas. He is also a member in TC207 (Soil Structure interaction) in the ISSMGE involved in soil structure interaction and deep Foundation study. He has been a visitor to Norwegian Geotechnical institute Oslo, Darmstadt University Germany, University of Wisconsin United States and Griffith University, Australia. He is reviewer for Indian Geotechnical journal and DFIt conferences and International Journal of GeoTechnical Engineering. He was the Co-Chairman of the organizing committee for the Indian Geotechnical Conference-2016.

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5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Application of Shells in Foundations
Date : 10-06-2021, Time: 02.00 PM to 03.45 PM



SPEAKER
Prof.P.Sachithanatham
P.Sachithanatham is currently working as Professor and HOD in Department of Civil Engineering,Sri Lakshmi Ammal College of Engineering, Chennai. He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.He has Guided an award winning project in the National Competition for Civil and Structural Engineering, for Best Innovative Structural Design, for the year 2002-2003, conducted by INSDAG. He Chaired as Judge for the Enrichment, Empowerment and Enhancement programme organized by Department of Civil Engineering, Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai. July 2010. He Chaired as Sessions Chairman, for the National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST.He Received Best Teacher Award for the Academic year 2011 - 12 from Bharath University.He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam(CBR No. 14911);The Controller of Patents, The Patent Office,Intellectual Property Office Building,G.S.T.Road,Guindy,Chennai-32.Also he has been a part of 22 National Conferences and presented his papers on various concepts of Civil Engineering.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN
Meeting ID : 88114258391
Password : 90Kw3b



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20. Posters for ATAL-FDP Day 5

 <p style="text-align: center;">5 Days Faculty Development Programme On "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas Date : 11-06-2021, Time: 09.00 AM to 10.45 AM</p> <div style="border: 1px solid black; padding: 5px;">  <p>SPEAKER Dr. Ramanathan Ayothiraman</p> <p>Dr. Ramanathan Ayothiraman is currently working as Professor in Department of Civil Engineering, Indian Institute of Technology, Delhi. Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years. He has about 20 years of experience in teaching and research, in the area of Geotechnical Engineering. Graduated from Madurai Kamaraj University in April 1998. Post-Graduation from College of Engineering Guindy in Jan' 2000 with Gold Medal. Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005. He published about 90 papers in reputed journals and conferences. He supervised 9 Ph.D theses and is currently supervising 10 Ph.D research scholars. He has delivered invited lectures at several short courses, workshops, seminars and conferences. He is also serving as member of BIS for revising National Building Code and Codes related to machine foundation. He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Lucknow metro and several other projects of national importance.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN Made with PosterMyWall.com</p> <p style="text-align: right;">Meeting ID : 88114258391 Password : 90Kw3b</p> 	 <p style="text-align: center;">5 Days Faculty Development Programme On "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on Statistical Characterisation of Grain Size Distribution in Sandy Soils Date : 11-06-2021, Time: 11.00 AM to 12.45 PM</p> <div style="border: 1px solid black; padding: 5px;">  <p>SPEAKER Dr.R.Arivazhagan</p> <p>Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai. He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities. B.Sc in Mathematics from St. Xavier's College Pallayamkottai. Engineering degree in Civil Engineering from the Institution of Engineers (India) and the Institution of Engineering and Technology (London) M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University. Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University. He has published 8 papers in National and International journals. He is serving as an expert member in various universities. Also, reviewer for International journal – Technical Gazette. He is an active member of The Institution of Engineers (India). The Institution of Engineering and Technology (London), Life Fellowship in Indian Geotechnical Society.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN Made with PosterMyWall.com</p> <p style="text-align: right;">Meeting ID : 88114258391 Password : 90Kw3b</p> 
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21. Presentation of speaker introduction



Dr. P. Anbazhagan
Associate Professor
Indian Institute of Science,
Bangalore.



- Dr. P. Anbazhagan is Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore.
- Dr. P. Anbazhagan has rich experience in teaching, research and Industrial consultancy.
- He has guided 6 Ph.D scholars and 11 Master's Thesis.
- He has published 94 Journal papers, 101 conference papers and 1 book & 3 chapters
- His research expertise includes:

- (1) Geotechnical Earth quake Engineering
- (2) Subsurface Exploration
- (3) Ground characterization by various in-situ testing/Geophysical methods
- (4) Advanced Laboratory testing etc.



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Dr. G.R. Dodagoudar
Professor
Indian Institute of Technology Madras,
Chennai.



- Dr. G.R. Dodagoudar is Professor of Department of Civil Engineering at Indian Institute of Technology Madras, Chennai.
- He completed his Diploma in 1988, Bachelor of Civil Engineering from Basaveswara College of Engineering, Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995.



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- Dr. P. Anbazhagan is a member of several expert committees constituted by Government of India, recipient of several national and international awards and member of several professional bodies.
- He is now serving as Research Advisor for Nan Yang Academy of Sciences, Singapore
- Dr. P. Anbazhagan is serving as a visiting professor for the third time in King Saud University, Riyadh, Saudi Arabia and he is also serving as an expert member in National Committees and Editorial board/review members in journals.
- He received the prestigious Endeavor Fellowship Award from Australian Government in 2009.
- He received the IEI Young Engineers Award 2010-2011 and the ISES Order of Merit 2015 Award for Outstanding Work in Earthquake Science.
- He received Indian Geotechnical Society Reviewer of the Year 2016 Award for the outstanding contribution to the Indian Geotechnical Journal.



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- He completed his Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001.
- Dr. G.R. Dodagoudar has over 18 years of research, teaching within the broad fields of civil engineering education and 1 year experience in Industry.
- Dr. G.R. Dodagoudar published around 59 papers in international journal and 42 papers in national journals and more than 120 papers in proceeding of conference.
- Dr. G.R. Dodagoudar has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student.
- He has written one book and two monographs.
- He is very active in continuing education programs, and delivers lectures and motivating talks to students, academicians and working professionals across the country.



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Dr. Janardhanan Gangathulasi
Associate Professor
National Institute of Technical
Teachers Training and Research,
Chennai



- Dr. Janardhanan Gangathulasi is Associate Professor of Civil and Environmental Engineering and Head of Centre for international Affairs and Centre for Curriculum Development, Planning and Coordination at the National Institute of Technical Teachers Training and Research, Chennai.
- Dr. Janardhanan has over 18 years of research, teaching and consulting experience within the broad fields of civil, environmental engineering, engineering education.



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- His research and training programme is funded by the ITEC, DST, World Bank, MHRD, PWD and several prominent state government and industries.
- His research expertise includes:
 - (1) Technology enabled teaching learning
 - (2) Assessment and Evaluation
 - (3) Development of MOOCs
 - (4) Accreditation, academic quality framework and academic auditing
 - (5) Learning Spaces – Blended approach
 - (6) Active and experiential learning
 - (7) Sustainable Development and Education
 - (8) Environmental remediation
 - (9) solid and hazardous waste management and landfill engineering
 - (10) life cycle assessment and sustainable construction materials.



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- Dr. Janarthanan published around 45 research articles in international and national journal and conference.
- He has been granted patent by GoI towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe
- He has coordinated more than 200 training programmes and trained more than 15000 participants.
- He has developed and offered six MOOCs with a registration more than 30000.
- He is serving as a reviewer for various journal and international conference.



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- Dr. Janardhanan has received fellowship and awards
 - (a) UNESCO Invitation to the Asia-Pacific Regional Seminar on MOOCs for Higher Education
 - (b) Institution of Engineers, India - Young Engineer Award
 - (c) American Society of Civil Engineering (ASCE) – Illinois Section – Geotechnical Award
 - (d) Swiss Federal Institute of Technology (EPFL), Fellowship
 - (e) University of Illinois – Doctoral Fellowship.
- He is a Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).



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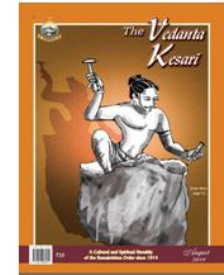
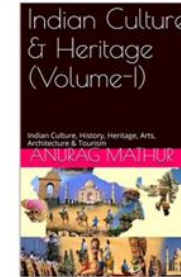
Swami.SURACHITANANDA
Sri Ramakrishna Math,
Chennai.



- Swami Surachitananda is a monk of Ramakrishna Math and Mission.
- Swamiji worked in various capacities in Chennai and Thrissur centres.
- At present, Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai.



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- Swamiji is the author of “Swami Abhedananda- A Yogi Par Excellence” and has compiled numerous other books.
- Swamiji also wrote a column on “Indian Culture and Heritage” and published a research article with new findings on Netaji Subhas Chandra Bose in “The Vedanta Kesari” magazine.



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- Ramakrishna Mission (RKM) is a Hindu religious and spiritual organisation which forms the core of a worldwide spiritual movement known as the Ramakrishna Movement or the Vedanta Movement.
- The mission is named after and inspired by the Indian saint Ramakrishna Paramahansa and founded by Ramakrishna's chief disciple Swami Vivekananda on 1st May 1897.
- Vivekanandar Illam, earlier known as Ice House (or) Castle Kernan, is a historical building in Chennai, India.
- It was constructed in 1842 by Frederic Tudor. Indian saint Swami Viv.....ekananda stayed in the building when he visited Chennai in 1897 and was later renamed in his honour.
- It is currently maintained by Ramakrishna Math and houses on exhibition on the life of Vivekananda



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- Swamiji participated in some of the relief works organized by our Math and Mission
 - Chennai floods 2015
 - Nagapattinam floods 2017
 - Kerala floods 2018, Nivar cyclone 2020.



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. S. Jayalekshmi
Professor
National Institute of
Technology,
Tiruchirappalli.



- Dr.S.Jayalekshmi is currently working as professor in Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu.
- She is a recipient of Bharat Jyoti Award, Thiru Meenakshi Sundaram Pillai Merit Prize for securing University first rank in M.E..
- She is currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India's first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance.

- She is also a recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea.
- She specializes in the field of geotechnical engineering. Her research interests include Geosynthetics, Lunar Simulants, Environmental Geotechnique.
- She was instrumental in setting the creep testing facilities of IIT Madras as part of her research and in developing a Lysimeter, as part of M.Tech. Guidance.
- Another Ph.D. Scholar completed his Ph.D. in Structural Engineering stream, on Studies on Behaviour of Circular Concrete filled Steel Tubular Columns. She has submitted a report to ISRO which was well received.
- She was instrumental in bringing the ISRO Project related to Chandrayaan – 2 to the Civil Engineering Department. A simple experimental setup for wheel soil interaction studies on Lunar Simulants has been developed.



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•She is highly enthusiastic about her teaching and has handled 24 subjects(Theory and Laboratory) in the U.G., P.G. and Ph.D. Curricula.

- She has introduced seven new courses including
 1. Simulant Materials
 2. Constitutive Modeling of Geologic Materials
 3. Soil-Structure Interaction
 4. Marine Foundations
 5. Microbial Geotechnology and Ground Improvement
 6. Environmental Geotechnical Engineering and
 7. Geotechnical Earthquake Engineering.
- She has guided 51 M.Tech. Projects, in Transportation Engineering and Management, Environmental Engineering and Structural Engineering and Construction Engineering and Management Specialisations.
- A Collaborative Project has been completed with Ms. Golcha Associates, India's largest Talc Manufacturer. An innovative floating concrete canoe fabricated under her guidance was awarded a certificate of appreciation by Indian Concrete Institute and I.I.T. Madras.

- A certificate of Appreciation was awarded for her article contribution by the Institution of Engineers(India). She has also mentored students and developed the communication skills of students as the Faculty in charge of Weekly Seminar Activities of P.G. Students and Research Scholars for two years (2007 – 2009).
- Dr.S.Jayalekshmi represented the N.I.T ,Tiruchirappalli in the ISRO – Respond Exploratory Meeting at V.I.T. Vellore on 08.09.2016.
- She is a Member of the Committee for Safety and Security of the Institute from 25.11.2016.
- Dr.S.Jayalekshmi was in the Organising Committee of ACE 2016, International Conference, Singapore and is Track Co-Chair for Civil Engineering in FEAST 2017 and 2018.
- She has reviewed for Institution of Engineers (Series A) and Canadian Journal of Geotechnical Engineering. She is Life Member of IGS , IGS (Chennai Chapter) and Member of Institution of Engineers (India) and ISTE. National Institute of Technology, Tiruchirappalli



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Dr. P. ASHA
Professor
HOD (In charge)
St. Peter's Institute of
Higher Education and
Research, Chennai.



- Dr.P.Asha has completed B.Tech and M.Tech from Pondicherry Engineering College and PhD from Anna University.
- She has 5 years of industrial experience in L& T ECC division Chennai and 14 years of teaching experience.
- She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academician category from Construction Industry Development Council , New Delhi in 2017.



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- She had guided so far 30 B.E projects and 36 M.E. projects. She is currently guiding 7 Ph.D scholars.
- Her areas of interest include earthquake resistant structures, composite materials , use of industrial waste materials in concrete etc..
- She has organized 20 national, international conferences, workshops and seminars out of which two are sponsored by DST SERB.
 - Received Topper certificate and mentor certificate SWAYAM course “Design of Reinforced Concrete Structures”.
 - She is a reviewer of international journals like Structural Engineering and Mechanics, Australian Journal of Structural Engineering.
 - She has 2 patents published



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr.R.Arivazhagan
Associate professor
Meenakshi Sundararajan
Engineering College.



- Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai.
- He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities.
- B.Sc in Mathematics from St. Xavier's College Pallayamkottai.
- Engineering degree in Civil Engineering from the Institution of Engineers(India) and the Institution of Engineering and Technology (London)



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- M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University.
- Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University.
- He has actively participated in organizing several short courses, workshops, FDPs and national/ International conferences.
- He has delivered invited lectures at several workshops, seminars and conferences.



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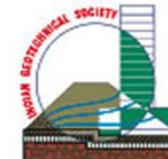
- Delivered guest lecture in faculty development programs, conducted by various renowned colleges and universities.
- And also, given lectures in various subject for students from reputed college and universities.
- He is highly enthusiastic about his teaching and has handled many subjects in the U.G., Curricula.
- He has published 8 papers in National and International journals
- He has presented 10 papers in Conferences.



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- He is serving as an expert member in various universities.
- Also, reviewer for International journal – Technical Gazette
- His enriched knowledge in the field of civil engineering has given way to be a visiting professor at
- C.E.G Anna University,
- Institute of Irrigation Management, Tricky and
- Anna Institute of Management, Chennai.



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Dr.K.Premalatha
Professor
College of Engineering
Guindy, Anna University



- Dr.K.Premalatha is currently working as the Professor in the Division of Soil Mechanics and Foundation Engineering, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai.
- She has over 34 years of experience in teaching.
- She had completed her under graduate BE programme in Annamalai University in 1986, post graduate ME programme and Ph.D in College of Engineering Guindy, Anna University Chennai in 1990 and 2002 respectively.
- For her outstanding research, she was awarded with "Achievement Award for Research" in 2002 in Anna University



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- Projects under her mentorship was awarded with special award for innovative project, Krishnaswamy Mohan Memorial Endowment award.
- She was the Head of the Division of Soil Mechanics and Foundation Engineering from August 2013 to December 2018.
- She had introduced subjects like Geotechnical Earthquake Engineering, Unsaturated Soil Mechanics, Instrumentation in Geotechnical Engineering and Constitutive Modelling in Geotechnical Engineering.
- She has published over 100 papers in international journals and conferences. She has guided over 30 BE projects, 91 ME projects, 2 MS (by research), 2 PhDs and 9 ongoing research.
- Apart from academic research, she has completed funded research from TNHB Chennai, Ministry of Coal and Ministry of Information Technology, Government of India and Ministry of Revenue Administration and Disaster Management, Government of Tamil Nadu.



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- She also acted as the Secretary for Indian Geotechnical Society, Chennai Chapter. For the term 2010 – 2012. The Chapter received The Best chapter Award from The Main Chapter housed in New Delhi for the Professional activity of the above year.
- She was the President of Society of Civil Engineers- 2014-15 CEG.
- Executive Committee Member, IGS from 2009 to 2015 and actively participated and conducted number of seminar, conferences.
- Executive Committee member and Building Committee member- Alumni Association of CEG.



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- She has Membership in the following Professional Societies
 - ✓ Fellow in Institution of Engineers
 - ✓ Member in International Geosynthetic Society
 - ✓ Member in society of Science
 - ✓ Member in Engineers Hub, Chennai.
 - ✓ Member in International WHO'S WHO Historical Society (MID 5694909)
 - ✓ Membership for the Block year of 2020-2024, International Society of Soil Mechanics and Geotechnical Engineering.
- Apart from academic work and research, she has undertaken many consultancy projects generating total revenue of Rs.1 crore to the University.



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SHIVADITYA ASHOK KUMAR
GMICE
B.Engg Civil, M.Tech Soil
Dynamics



- At present he is working as an Engineer in COWI, India
- He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018
- He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics.
- He had finished his B.E. Anna University, in Civil Engineering
- He got the membership in Institution of Civil Engineers (UK) and Member of Indian Geotechnical Society.



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- At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures .
- He was also employed as an Engineer for the extension of the existing harbor area in DENMARK in the year 2020 by COWI.
- He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020.
- He also worked as an Engineer for the Analysis of slope stability of Ash Bund for thermal power plant storage and so on



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DEPARTMENT OF CIVIL ENGINEERING
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(07.06.2021 - 11.06.2021)



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. Vishwas A Sawant
Professor
Indian Institute of Technology,
Roorkee.



- Dr. Vishwas A Sawant is Professor of Department of Civil Engineering at Indian Institute of Technology, Roorkee.
- He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993.
- He completed his Doctorate in Philosophy from the same university in 1998. His research topic was "Finite Element Analysis of Laterally Loaded Pile and Pile Groups"



- Dr. Vishwas has over 22 years of research, teaching and consulting experience within the broad fields of civil, geotechnical engineering, engineering education.
- Dr. Vishwas published around 70 research articles in international and 21 research articles in national journals.
- Dr. Vishwas A Sawant has guided 10 Ph.D students and 11 ongoing researchers and 34 master's thesis.



- His research and training programme is funded by the CSIR-CBRI, TBRL, SHASTRI INDO-CANADIAN INSTITUTE, METAROLLS ISPAT PRIVATE LIMITED, etc.,
- He is a Member in Indian Geotechnical Society (Mumbai Chapter), Indian Society for Hydraulics, Indian Geotechnical Society, Indian Society of Earthquake Technology, Indian Society For Construction Materials and Structures.
- Dr. Vishwas has received Endeavour Award for Post-Doctoral fellowship in 2010.
- He has worked as Post-doctoral fellow at Edith Cowan University, Perth Australia



- He received Shastri Indo-Canadian Research Grant in March 2018
- His main areas of expertise are
 - a) Dynamic Analysis of Pile and Pile Groups
 - b) Pavement Analysis
 - c) Soil Liquefaction
 - d) Soil-Structure Interaction
 - e) Numerical Modelling in Geomechanics.



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr.V.Balakumar
Structural & Geotechnical
Consultant



- Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on.
- He is a Ph.D holder from CEG-Anna University for his Thesis Experimental Studies of Model Piled raft On Sand and Field Study of ProtoType Behavior
- He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS –AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society



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- He was involved in the design and construction of driven cast in-situ piles for which he shifted himself to United Technical Consultants Pvt Ltd, Chennai and was involved in large soil investigations (more than 300 projects) including planning and execution of field and laboratory tests and preparation of reports.
- He worked in various organisations involved in Soil Investigations, piling and ground improvement. Notable project among numerous projects include nearly 2500 precast driven piles for IFFCO -Phase 2 expansion at Kandla including ground improvement in certain areas.
- He is the recipient of two National Awards for his publications on piled raft.
- He has published close to 40 papers in National and International conferences including four journal papers.



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- He is a life fellow of Indian Geotechnical Society, life member in Southeast Asian Geotechnical society, member of the International Society of Soil Mechanics and Geotechnical Engineering and Deep Foundation Institute USA.
- He is also a member in TC207 (Soil Structure interaction) in the ISSMGE involved in soil structure interaction and deep Foundation study.
- He has been in the board of studies for various institutions including, Anna University affiliated colleges, Anna university CEG for M.E course in Soil Mechanics and Geotechnical Engineering. He had been a visiting faculty in GCT ,Coimbatore ,teaching professional practice in geotechnical engineering, for which the syllabus was also formulated by him.
- Presently he is an Adjunct Professor in Vellore Institute of Technology – university and [Karunva](#) university Coimbatore



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- He has delivered a number of invited lectures in person and through webinars in the recent times.
- He has been a visitor to Norwegian Geotechnical institute Oslo, Darmstadt University Germany, University of Wisconsin United States and Griffith University, Australia.
- He has organized workshops on Pile termination criteria and embankments respectively and one day seminar on behalf of DFI in Mangalore on Rock socketed piles.
- He is reviewer for Indian Geotechnical journal and DFI conferences and International Journal of Geotechnical Engineering.
- He was the Co-Chairman of the organizing committee for the Indian Geotechnical Conference-2016.



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



P. Sachithanatham
HOD Civil Dept.
Sri Lakshmi Ammal Engineering
College, Chennai,
Tamil Nadu



- P.Sachithanatham is currently working as Professor and HOD in Department of Civil Engineering, Sri Lakshmi Ammal College of Engineering, Chennai.
- He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.
- He has Guided an award winning project in the National Competition for Civil



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- He Chaired as Judge for the Enrichment, Empowerment and Enhancement programme organized by Department of Civil Engineering, Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai. July 2010.
- He Chaired as Sessions Chairman, for the National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST.
- He has also Received Best Paper Award for the paper titled, 'Experimental Study on Eco Recycling of Ferrous Foundry Slag in Concrete' National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST



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- He Chaired as Sessions Chairman, for International Conference on Advances in Civil Engineering – ACE, at K.L University, Guntur, Andhra Pradesh during 21st – 23rd October 2011.
- He Received Best Teacher Award for the Academic year 2011 – 12 from Bharath University.
- He has also Received Best Teacher Award for the Academic year 2013 – 14 from Bharath University in commemoration of Teacher's Day Celebration on 5th September 2014
- He has guided 31 M.Tech projects and 93 B.Tech projects.
- He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam (CBR No. 14911): The Controller of Patents, The Patent Office, Intellectual Property Office Building, G.S.T. Road, Guindy, Chennai-



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- He has Delivered Guest Lecture on 'Flitched Beams' in Faculty Development Training Programme on Mechanics of Solids, Sponsored by Anna University, organized by Department of Civil Engineering, Agni College of Technology, Chennai, 16th to 22nd June 2014.
- He Delivered Guest Lecture on 'Concrete Shells' organized by Department of Civil Engineering, Danish Ahmed College of Engineering, Chennai, 15th July 2014.
- Also he has Delivered Technical Guest Lecture in the subject 'Prestressed Concrete Structure' organized by Department of Civil Engineering, Jeppiaar Engineering College, Chennai, 27th August, 2014.
- Also he has been a part of 22 National Conferences and presented his papers on various concepts of Civil Engineering



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. Ramanathan Ayothiraman
Professor
Indian Institute of Technology,
Delhi.



- Dr. Ramanathan Ayothiraman is currently working as Professor in Department of Civil Engineering, Indian Institute of Technology, Delhi.
- Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years.



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- He has about 20 years of experience in teaching and research, in the area of Geotechnical Engineering
- Graduated from Madurai Kamaraj University in April 1998
- Post-Graduation from College of Engineering Guindy in Jan' 2000 with Gold Medal.
- Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005.



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 (07.06.2021 - 11.06.2021)



- He published about 90 papers in reputed journals and conferences.
- He supervised 9 PhD theses and is currently supervising 10 PhD research scholars.
- He has actively participated in organizing several short courses, workshops and national/international conferences. He has delivered invited lectures at several short courses, workshops, seminars and conferences.
- Prof. Ayothiraman is also serving as member of BIS for revising National Building Code and Codes related to machine foundation.



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- He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Luck now metro and several other projects of national importance.
- Area of interest in Soil Dynamics and Earthquake Engineering, Pile Foundations, Deep Excavations in Urban Areas, Problematic Soils and Ground Improvement
- He is highly enthusiastic about his teaching and has handled subjects in the U.G., P.G. and Ph.D. Curricula





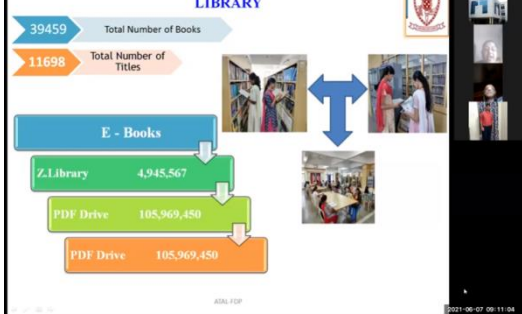


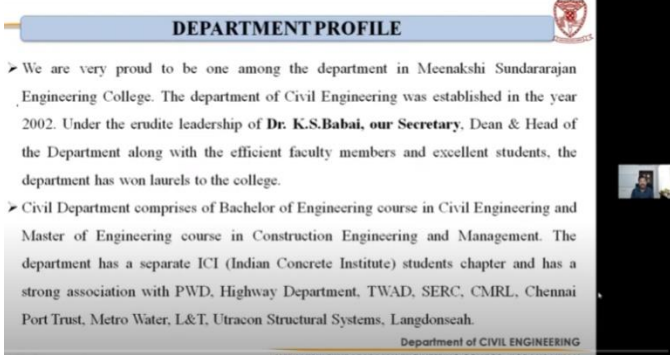



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22. The screenshots of the inaugural function

		
	 <p>FDP TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING INAUGURAL DAY 1</p>	
	 <p>DEPARTMENT PROFILE</p> <ul style="list-style-type: none"> ➤ We are very proud to be one among the department in Meenakshi Sundararajan Engineering College. The department of Civil Engineering was established in the year 2002. Under the erudite leadership of Dr. K.S.Babai, our Secretary, Dean & Head of the Department along with the efficient faculty members and excellent students, the department has won laurels to the college. ➤ Civil Department comprises of Bachelor of Engineering course in Civil Engineering and Master of Engineering course in Construction Engineering and Management. The department has a separate ICI (Indian Concrete Institute) students chapter and has a strong association with PWD, Highway Department, TWAD, SERC, CMRL, Chennai Port Trust, Metro Water, L&T, Utracon Structural Systems, Langonseah. <p style="text-align: center;">Department of CIVIL ENGINEERING MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE, KODAMBAKKAM</p>	

23. The screenshots of the speaker presentation

DAY 1 SESSION 1 : Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests -
 Dr.P.Anbazhagan, Associate Professor, IISC Bangalore

Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests



Prof. Dr. P. Anbazhagan
 Department of Civil Engineering
 Indian Institute of Science, Bangalore
<http://civil.iisc.ernet.in/~anbazhagan/>
 Phone: +919448100410 or +9180 2293 2467


Bearing-Capacity of Soil

- Gross pressure intensity (q) is the intensity of pressure at the base of foundation due to load from super structure, self weight of foundation overburden, if any.
- Net pressure intensity (q_n) is gross pressure intensity minus the overburden pressure at the level of base of foundation prior to excavation.


$$q_n = q - \gamma D$$
- Ultimate bearing capacity (q_t) is the minimum gross pressure intensity at which the soil at the base of foundation fails by shear.
- Net ultimate bearing capacity (q_{nf}) is the minimum net pressure intensity at which the soil at the base of foundation fails by shear.

$$q_{nf} = q_f - \gamma D$$
- Net safe bearing capacity (q_{ns}) is the maximum net pressure intensity to which the soil at the base of foundation can be subjected without risk of shear failure.

$$q_{ns} = \frac{q_{nf}}{F}$$
 where F = factor of safety against shear failure



Typical Seismic Borehole Testing

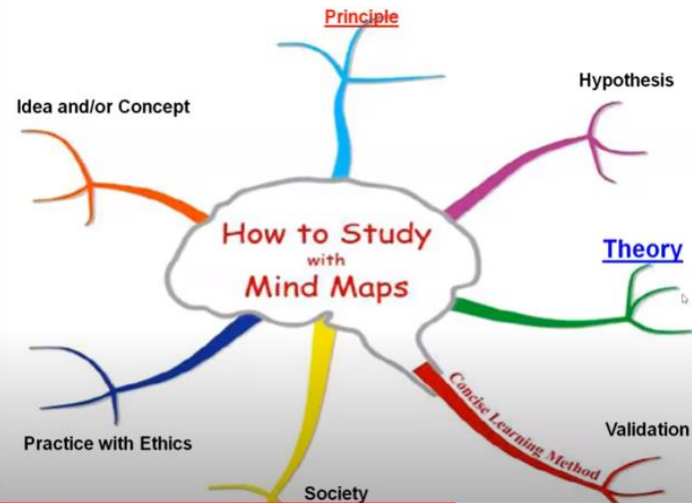


DAY 1 SESSION 2 : Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor, IIT Madras

Foundation Design*

Foundation Design: Foundation engineer must possess a working knowledge in each of the following areas:

- Structural Engineering
- Geotechnical Engineering
- Construction Engineering



Summary

1. The design of piled-rafts requires a detailed and adequate site investigation program to collect all relevant data of the subsoil and groundwater conditions.
2. An economic and safe design of piled-raft foundations is only possible if **soil-structure interaction** is considered, **using adequate and reliable calculation methods.**
3. **The design of a piled-raft** has to be controlled and proven by an independent geotechnical expert concerning the relevant assumptions, the calculation model and the results calculated by the designer.
4. **The application of the observational method** is an important aspect for the successful design and construction of piled-rafts, and is recommended in

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

DAY 1 SESSION 3 : Sustainable Geotechnics - The Way Ahead - Dr.G.Janardhan, Associate Professor, NITTR, Chennai

Sustainable Geotechnics

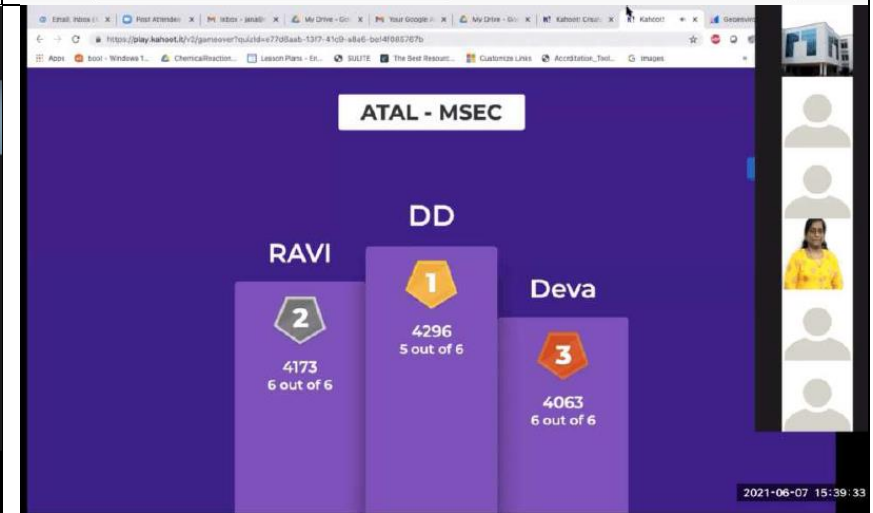
Dr. G. Janardhanan, Ph.D. (USA),
Associate Professor & Head (IC)
Centre for International Affairs and
Centre for Curriculum Development Planning and Coordination
National Institute of Technical Teachers Training and Research
(An Autonomous Institute under Ministry of Education, Govt. of India)
Taramani, Chennai - 600 133, India

Go to www.menti.com and use the code 8954 9196

Sustainable Geotechnics aspects need to be studied

- Before investigation: 61
- During investigation: 7
- After investigation: 3

Triple bottom line sustainability	Environmental	Social	Economic
Energy efficiency and carbon reduction	✓	✓	✓
Materials and waste reduction	✓	✓	✓
Maintained natural water and enhanced aquatic environment	✓	✓	✓
Climate change adaptation and resilience		✓	✓
Effective land use and management	✓	✓	✓
Economic viability and whole-life cost		✓	✓
Positive contribution to society		✓	



DAY 2 SESSION 1 :

Understanding Perception, Conscious and Subconscious Mind and Meditation - **Swami Surarchitananda**, Sri Ramakrishna Math, Chennai

The image is a composite of four panels from a video recording. The top-left panel shows a title slide for the session: "UNDERSTANDING PERCEPTION, CONSCIOUS AND SUBCONSCIOUS MIND AND MEDITATION" by Swami Surarchitananda. The top-right panel shows a YouTube video player displaying a slide titled "Understanding Meditation Through Samkhya". This slide lists properties for Purusha (Pure Consciousness) and Prakriti (Matter, 24 principles). The bottom-left panel is a live video of Swami Surarchitananda speaking. The bottom-right panel shows another slide titled "Understanding Meditation through Samkhya" which discusses the disjunction of Purusha and Prakriti and the goal of meditation.

Understanding Meditation Through Samkhya

- Purusha – Pure Consciousness
Properties:
 - 1) a witness
 - 2) possessed of isolation or freedom
 - 3) indifferent
 - 4) a spectator
 - 5) inactive
- Prakriti – Matter (24 principles)
Properties:
 - 1) Three gunas i.e., sattva, rajas and tamas
 - 2) Unintelligent
 - 3) Non-eternal and others

Understanding Meditation through Samkhya

- Disjunction

Separation of Purusha and Prakriti

The goal of meditation is to separate these two entities

Attaining jnana leading to isolation or separation

Summary:

1. Purusha
2. Prakriti
3. Conjunction
4. Disjunction

DAY 2 SESSION 2 :

Introduction to Terramechanics - **Dr.S.Jayalekshmi, Professor, NIT Tiruchirappalli**

Introduction to Terramechanics -
Evaluation of Material Parameters and
Constants from Terramechanics Perspectives

Dr.S.Jayalekshmi
Professor
Department of Civil Engineering,
N.I.T. Tiruchirappalli

Soil Thrust

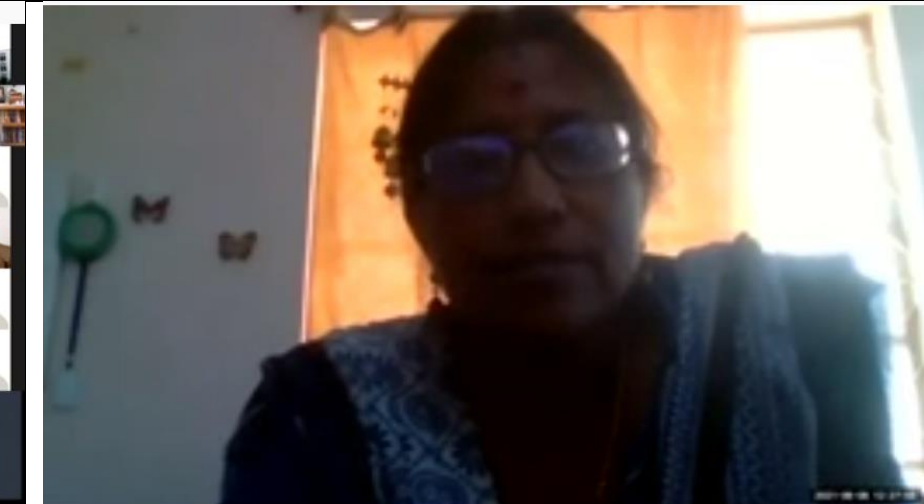
- ❑ The soil thrust is the maximum force experienced by the soil before the occurrence of excessive slippage.
- ❑ At wheel soil interface, traction is developed because of soil thrust. In simple, thrust is friction between wheel and soil. Soil thrust is given as,

(Source: Apostolopoulos, 2001; Petritsenko, 2012)

Mobility performance parameter - soil thrust		
	$H = H_0 (1 - \theta^{2l/K})$ $l = \frac{D}{2} \cos^{-1} \left(1 - \frac{2s}{D} \right) \quad ; \quad H_0 = (blc_0 + W_w \tan \phi)$	
Soil thrust	K is coefficient of soil slip, T is length of vehicle contact, 's' is slip ratio, 'W _w ' is wheel weight, 'c ₀ ' is soil cohesion, 'φ' is internal friction angle, 'b' is wheel width, 'D' is wheel diameter and 'r' is wheel sinkage.	Without lugs
	$H_0 = N (blc_0 + W_w \tan \phi)$ $H = A c_0 + W_w \tan \phi$	With lugs

INTRODUCTION

- Rovers are mobile robots which aid planetary explorations.
- While moving on difficult terrain of the Martian planet and lunar surface, these rovers have to negotiate steep slopes and rough terrain.
- Hence a study on their tractive performance becomes essential.
- This paper highlights the impact of various size parameters such as wheel weight, diameter of wheel, width of wheel, wheel surface pattern (grousers), grouser height.



DAY 2 SESSION 3 :

Soil Investigation an Overview - **Dr.P.Asha, Professor and HoD (Incharge)**, St.Peter's Institute of Higher Education and Research, Chennai

Soil Investigation – An Overview


Dr.P.Asha, Professor & HoD Incharge
St.Peter's Institute of Higher Education and Research
ashap1905@gmail.com



Soil Investigation - Dr.P.Asha

2021-06-08 14:04:49

Question 3 :What is the type of soil?



Soil Investigation - Dr.P.Asha

2021-06-08 14:26:42

Categories of Samples and Type of Samples Required (R.F.Craig)

Class No.	Objective	Type of sample required
Class 1:	Classification, water content, density, shear strength, deformation and consolidation tests	Undisturbed
Class 2:	Classification, water content, density	Undisturbed
Class 3:	Classification, water content tests	Disturbed but representative
Class 4:	Classification only	Disturbed
Class 5:	Strata identification only	Disturbed

Soil Investigation - Dr.P.Asha

2021-06-08 15:03:08

Dumping of Waste Material



Soil Investigation - Dr.P.Asha

2021-06-08 15:03:08

DAY 3 SESSION 1:

Various Phenomena behind the Soil Deformation Behaviour - **Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai**

Structural Dynamics

Structures subjected to **Dynamic loads** involves consideration of time- related **inertial forces**

$$F - ma = 0$$

Dynamic equilibrium – D'Alembert's Principle

$$-\frac{dN}{dt} \propto N$$

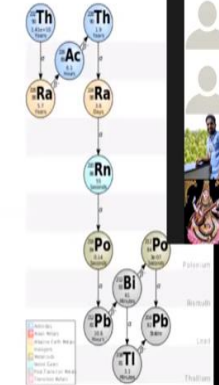
Particular radionuclides decay at different rates, so each has its own decay constant λ . The expected decay $-dN/N$ is proportional to an increment of time, dt :

$$\frac{dN}{N} = \lambda dt$$

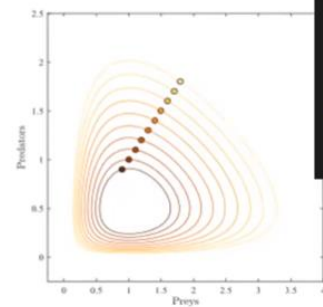
As the decay events follow one after another. The solution to this first-order differential equation is the function:

$$N(t) = N_0 e^{-\lambda t}$$

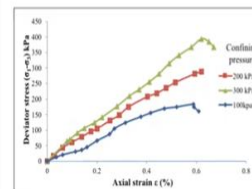
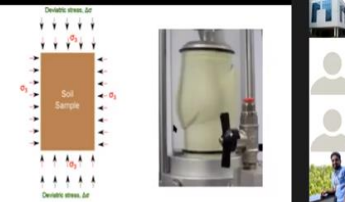
where N_0 is the value of N at time $t = 0$, with the decay constant expressed as λ



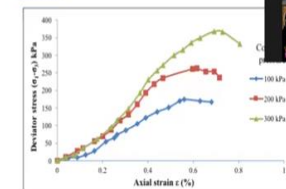
Predator- Prey model



Stress-strain Characteristics of Sand-silt Mixtures In CU Conditions



Stress-strain curve of sample S90M10 in CU condition



Stress-strain curve of sample S80M20 in CU condition

2021-06-09 10:42

DAY 3 SESSION 2:

Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - **Dr.K.Premalatha, Professor**, CEG Guindy, Anna University, Chennai

STUDIES ON EVALUATION OF PARAMETERS OF MATERIAL MODEL FOR SAND AND SAND-SILT MIXTURES

Dr. K. PREMALATHA

Professor

Division of Soil Mechanics & Foundation Engineering
Department of Civil Engineering
College of Engineering, Guindy

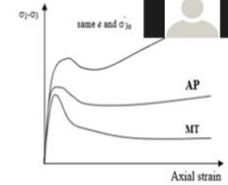


Anna University Chennai – 600 025

2021-06-09 11:00:59

Sample Preparation Techniques And Its Influence In Stress-strain Characterist

- Loose saturated MT specimens of sands with non-plastic fines are typically contractive and have a strain softening response in undrained monotonic tri-axial compression (Thevanayagam et al. 2002; Vaid et al. 1999).
- Vaid (1994) reported that the MT technique does not stimulate the alluvial deposits and produce non-homogenous specimens.
- Lade and Yamamuro (1997); Yamamuro and Covert (2001); Zlatovic and Ishiraha (1997) reported that the fabric of loose air pluviated specimens of silty sands shows highly contractive behaviour.
- The water pluviation is generally considered to be a better technique than air pluviation because of its capability to produce initially saturated specimens that are easy to replicate (Vaid and Nagessey 1998).
- Ghionna and Porcino (2006); Oda et al. 1978 showed that specimens prepared by water pluviation technique have similar behaviour and fabric of natural alluvial soils.
- Kuerbis and Vade (1998) assured that water pluviation method is not suitable for sand containing fines because of the problem of particle segregation.
- It is reported by Miura and Toki (1982) that the response of specimens prepared from slurry deposition technique are similar to that of sand specimens prepared by water pluviation technique.



Undrained stress-strain responses of sand specimens prepared by different preparation techniques (Carraro et al. 2004)

2021-06-09 11:17:23

SAMPLE COLLECTION



Silty sand

Sholinganallur (12.900988°N 80.22793°E)

26

DESIGNATION OF SAND AND SAND MIXTURES

S.No	Samples	Designation	S.No	Samples	Designation
1	Arcot	NS1	1	Fine sand 100%	S1
2	Sankaranpadi	NS2	2	Medium size sand 100%	S2
3	Palur	NS3	3	Coarse sand 100%	S3
4	Chengalpet	NS4	4	Medium size sand 50% and coarse sand 50%	S4
5	Padalam	NS5	5	Coarse sand 50% and fine sand 50%	S5
			6	Medium size sand 50% and fine sand 50%	S6
			7	Fine sand 33.33%, Medium size sand 33.33% and Coarse sand 33.34%	S7

2021-06-09 11:06:37

DAY 3 SESSION 3:

Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer, COWI

Geotechnical Finite Element Analysis using Programming Interface

A. Shivaditya
COWI Marine Geotechnical Engineer
MTech Soil Dynamics GMICE (UK)

Geotechnical Data Analysis

- Geotechnical Engineers deal with huge amount of data
- The data can be raw and sometimes cannot be used directly
- Statistical and regression analysis is sometimes required to get the actual data
- Data collection and cleaning is a huge trend in today's engineering world

Mesh Quality Check

- While using any Cadmatic software's, and using scripts to import to an FEM module check the mesh quality
- Also depends on the advancement of the FEM software

3D 3D13 tessellated cylinder	parametric cylinder
medium mesh 2690 elements	medium mesh 1630 elements
fine mesh 4590 elements	fine mesh 4400 elements


3D CAD software interface showing a red curved structure with a mesh.

DAY 4 SESSION 1:

Numerical Methods in Geotechnical Engineering - Dr.Sawant Viswas A, Professor, IIT Roorkee

Numerical Modelling in Civil Engineering

- Roots of Equation
- Solution of Simultaneous Equation
- Finite Difference Method
- Finite Element Method
- Application to Civil Engineering



Computational Modeling: Application in Structural and Geomechanics Problems

Bracketing Method

Bisection Method

```

Read  $x_L$  &  $x_u$ 
Calculate  $f(x_L)$  &  $f(x_u)$ 
If  $f(x_L) \times f(x_u) < 0$  Then  $\rightarrow$  (If NO)  $\uparrow$ 
    ↓ (If Yes)
 $x_c = \frac{x_L + x_u}{2}$ , Calculate  $f(x_c)$ 
If  $f(x_L) \times f(x_c) < 0$   $x_u = x_c$ 
If  $f(x_L) \times f(x_c) > 0$   $x_L = x_c, f(x_L) = f(x_c)$ 
    
```

IIT ROORKEE

Total Stress Equilibrium Equation

$$\nabla^T \mathbf{D} \mathbf{B} \mathbf{q}_e + \rho \{g\} = 0$$


Applying Variational Approach

$$\int \mathbf{q}^T (\nabla^T \mathbf{D} \mathbf{B} \mathbf{q}_e + \rho \{g\}) dA = 0$$

$$\int \mathbf{q}_e^T \mathbf{N}^T (\nabla^T \mathbf{D} \mathbf{B} \mathbf{q}_e + \rho \{g\}) dA = 0$$

... (9)

... (10)



IIT ROORKEE



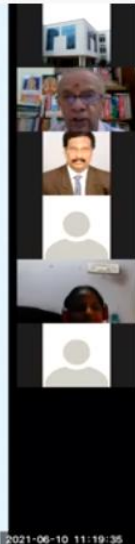
DAY 4 SESSION 2:

Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - **Dr.V.Balakumar, Senior Consultant,** Simplex Infrastructures Ltd

TYPE OF PILES

METHOD OF INSTALLATION

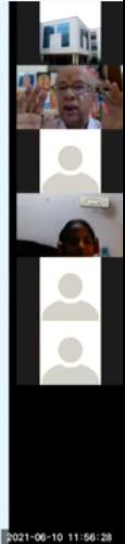
-
-
- **1. DRIVEN CAST IN SITU PILES**
- **2. DRIVEN PRECAST PILES AND PRECAST JOINTED SEGMENTAL PILES**
-
- **3. BORED CAST IN SITU PILES**
- **4. SHEET PILES**



2021-06-10 11:19:35

SOIL INVESTIGATION

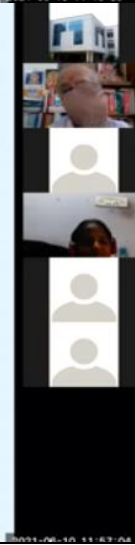
- The first element in the planning is the soil investigation for the various constituent structures of the project.. One has to judiciously select the method of investigation and the composition of field and lab tests. Planning of the investigation comprises of
- Selection of drilling methods
- Field and lab testing
- Report preparation and submission
- **BY THE ACCEPTING AGENCY**
- Review of the report and selection of the parameters
- Foundation design and monitoring



2021-06-10 11:56:28

PRESENT TREND (GEO-TECHNICAL INVESTIGATION)

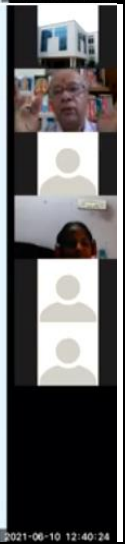
Presently the scope & planning of soil investigation appears to be independent of the type of project. Be it a simple residential apartment, or a complicated power project the scope of investigation and contents of the report remains identical. Later at the time of design and execution, if there is a problem or a future expansion, judgment and simplified assumptions prevail over the science. Further compilation of data and the validation of such data help to improve the design process and design methodology for similar future works.



2021-06-10 11:47:44

CONCLUSIONS

- 1. In the design of single pile capacity, from static parameters, the reliability of the parameters has to be ensured by more number of in situ tests in addition to SPT, so that the parameters can be effectively validated.
- 2. The number of load tests has to be decided based on the risk factors involved in evaluating through tests or correlations
- 3. Monitoring of pile installation and construction sequence is essential as the installation methods and construction sequence can change the parameters causing a variation between the parameters assumed in the design and the parameters after construction.
- 4. In the case of piled raft monitoring is essential during construction and after construction to evaluate the performance of piled raft. It is recommended to do a back analyses with the observed data to reconfirm its performance.



2021-06-10 12:40:24

DAY 4 SESSION 3

Application of Shells in Foundations - Prof.P.Sachithanantham, HOD, Sri Lakshmi Ammal Engineering College

Introduction

- Framed structures – Resist loads by the virtue of geometry.



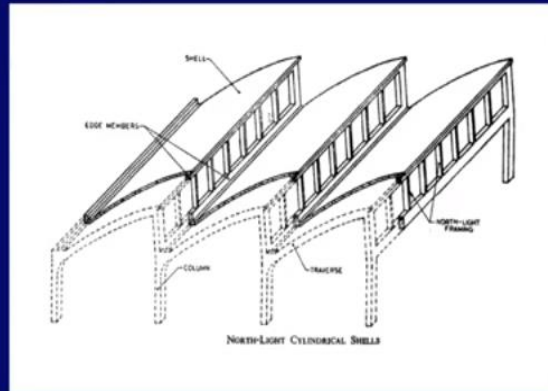
2021-06-10 14:10:14

Curvature of Shell

- Shells may be broadly classified as 'singly-curved' and 'doubly-curved'. This is based on Gauss curvature.
- The product of the two principal curvatures, $1/R_1$ & $1/R_2$ at any point on the surface of the shell is said to be Gaussian curvature.
- The gauss curvature of singly curved shells is zero because one of their principal curvatures is zero. They are, therefore, developable.
- Doubly-curved shells are non-developable and are classified as synclastic or anticlastic according as their Gauss curvature is positive or negative.
- Using the definition of Gaussian curvature the shells are classified depending on the curvature.
- The plane curves formed by three intersecting planes containing normal to the surface are called normal sections of the surface at a point.
- Depending on the Gaussian curvature value, three surfaces are possible,

Types of Shells

- North-Light Shell




2021-06-10 15:04:20



DAY 5 SESSION 1:

Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas **Dr.R.Ayothiraman, Professor, IIT Delhi**

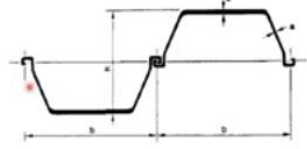
Case Studies on Challenges in Deep Excavation and Tunneling Works in Urban Areas



Ramanathan Ayothiraman
 Department of Civil Engineering
 Indian Institute of Technology Delhi
 Email: araman@civil.iitd.ac.in
ayothiraman@gmail.com

2021-06-11 09:06

STEEL SHEET PILES



Section	Width	Height	Back Flange Thickness	Flange Thickness	Developed Section Area	Section Area	Coating Area	Mass	Section Modulus	Moment of Inertia	Radius of Gyration	
	B	H	t1	t2	A1	A2	A3	M	Sx	Ix	r	
	in	in	in	in	sq ft	sq ft	sq ft	lb/ft	in ³	in ⁴	in	
PU 6	23.62	8.90	295	252	28.1	4.54	4.78	30.44	15.5	11.2	49.2	3.30
PU 8	23.62	11.02	315	315	29.4	5.48	5.02	36.62	15.6	15.4	85.0	3.94
PU 12	23.62	14.17	388	354	31.0	6.61	5.28	44.28	22.5	22.3	157.8	4.89
PU 16	23.62	14.96	472	354	32.3	7.51	5.51	50.20	25.6	29.8	223.5	5.45
PU 20	23.62	15.75	488	382	34.4	8.50	5.87	58.92	28.9	37.2	292.0	5.86
PU 25	23.62	17.80	559	394	35.5	9.45	6.07	63.23	32.2	46.5	413.7	6.62
PU 32	23.62	17.80	708	430	35.5	11.48	6.07	77.01	38.1	58.5	529.2	6.79

FIGURE 3.4 Sheet pile section—U sheet. (Courtesy of Skyline Steel, Inc. Gig Harbor, WA)

2021-06-11 09:18:34

Comparison of Analytical and FEM Method for Building Risk Assessment

Drive	Category of risk of damage	Number of Buildings (Analytical Method)	Number of Buildings (FE Analysis)
Tunnel Drive-TD1	1 Aesthetic	1	1
	2 Aesthetic	4	5
	Functional	18	18
Tunnel Drive-TD2	Serviceability And structural	9	8
	2 Aesthetic	13	2
	Functional	36	14
	Serviceability And structural	31	42

2021-06-11 10

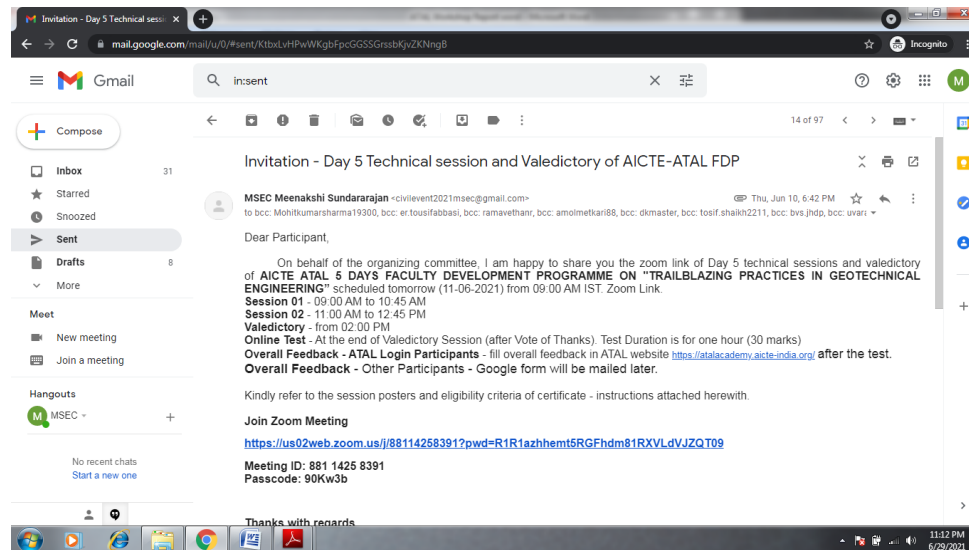
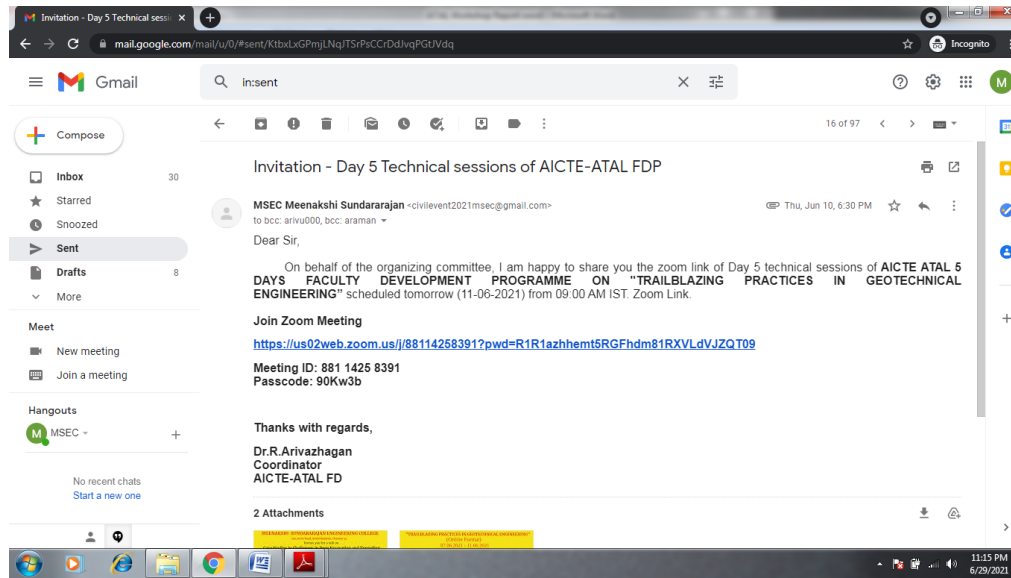


DAY 5 SESSION 2:

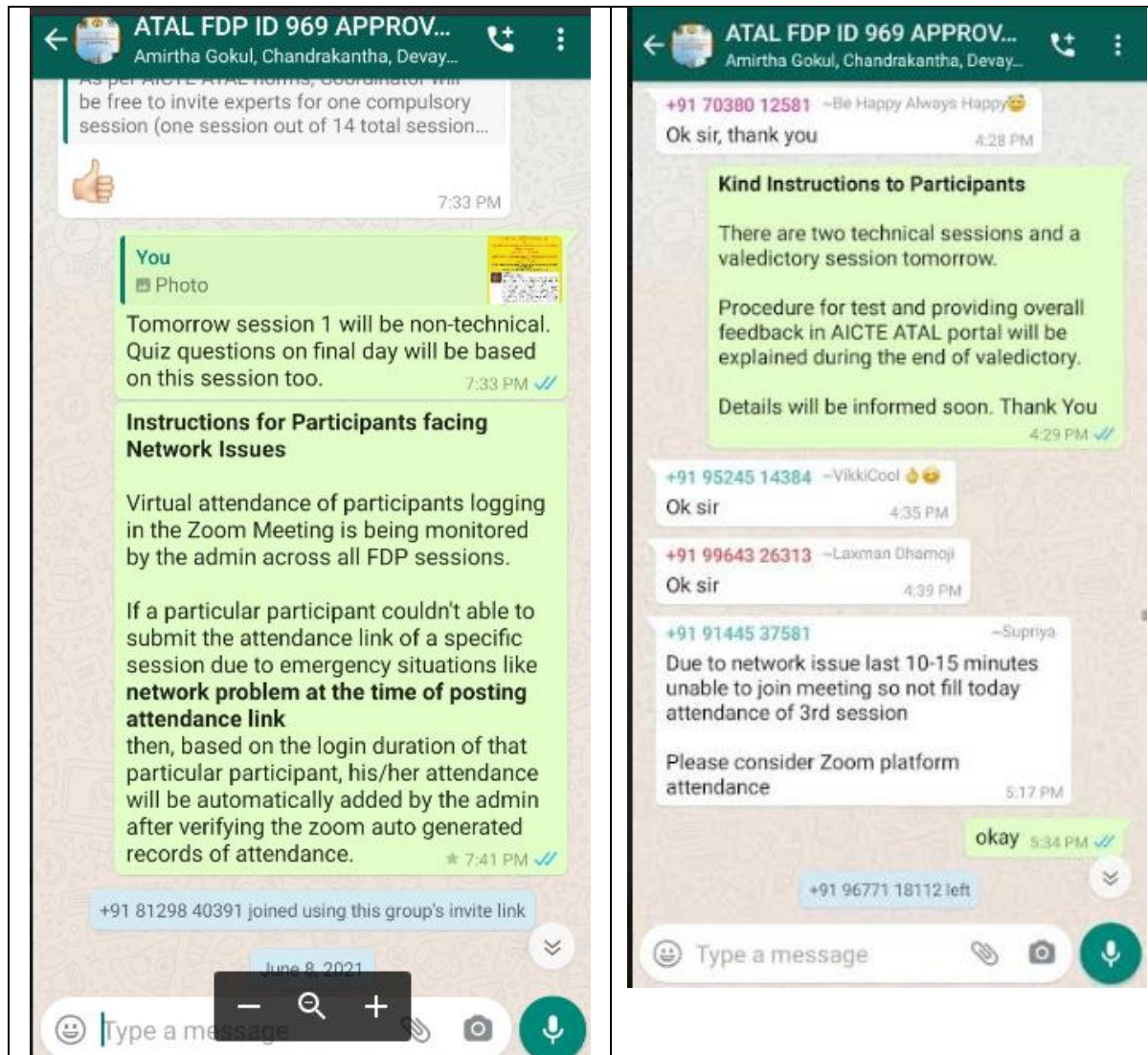
Statistical Characterisation of Grain Size Distribution in Sandy Soils - **Dr.R.Arivazhagan, Assistant Professor**, Meenakshi Sundararajan Engineering College, Chennai

The image is a composite of three parts. The top-left part is a presentation slide titled "GRAIN SIZE - PERMEABILITY" with three bullet points: "If swash infiltration is significant, the water that infiltrates will not participate the backwash. - Kempt 1975", "Swash infiltration depends on the 'permeability' of the sediments bed wh increases with 'grain size' and surfing. - Bascom 195", and "In coarse sand beaches, where swash infiltration is very important, the bea slope tends to increase with permeability. - Komar 1996". The top-right part is a slide titled "LOCATION MAP" showing a map of India with a coastal profile and several photographs of beach environments. The bottom-left part is a slide titled "GRAIN SIZE DISTRIBUTION CURVES" showing three graphs for "Backshore", "Berm", and "Foreshore" with cumulative percentage curves. The bottom-right part is a video feed of Dr. R. Arivazhagan, a man with glasses and a beard, wearing a blue shirt, sitting in a room with bookshelves.

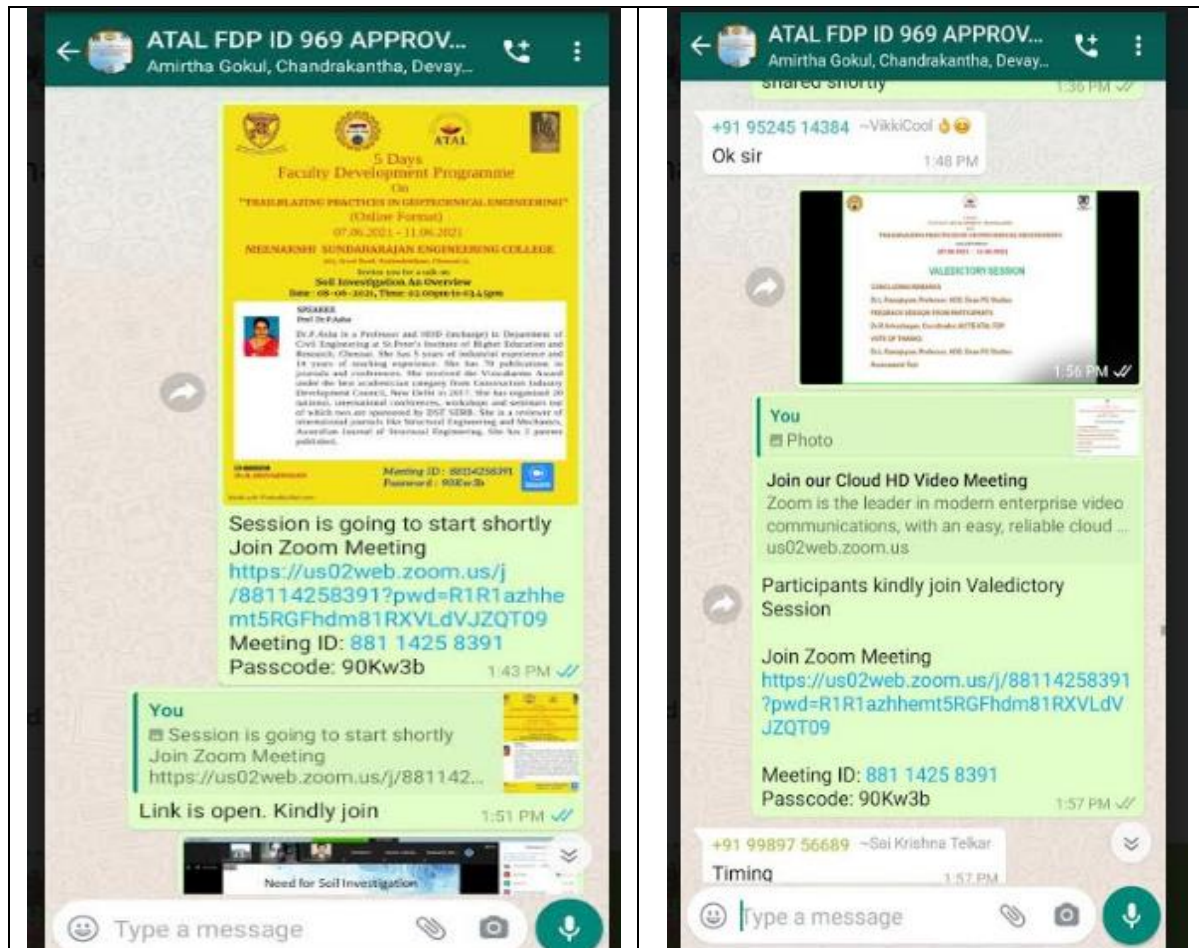
24. Information communicated to the participants through social media:



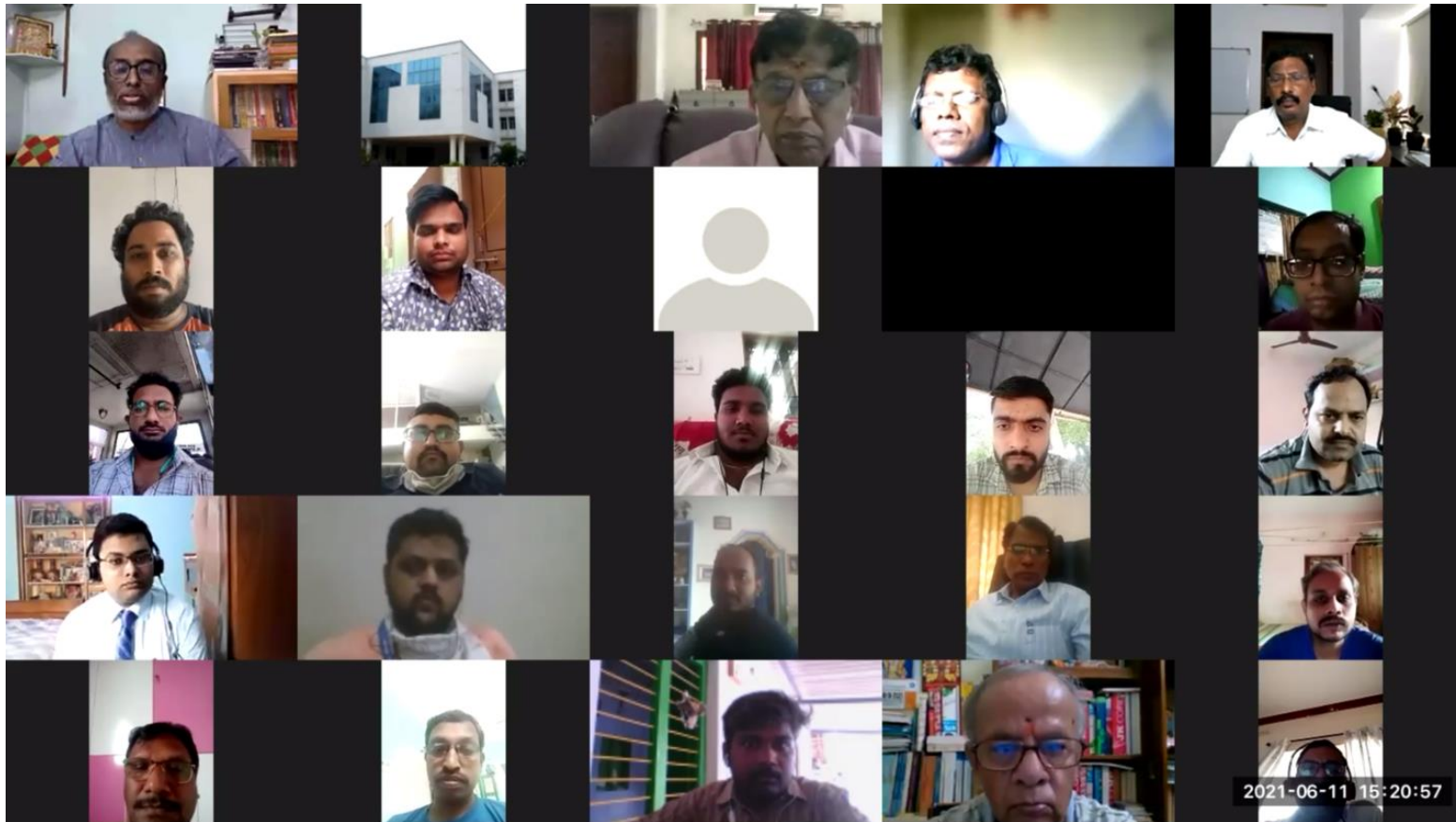
ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



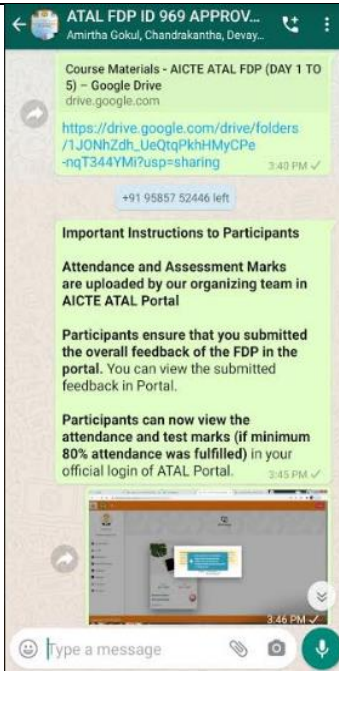
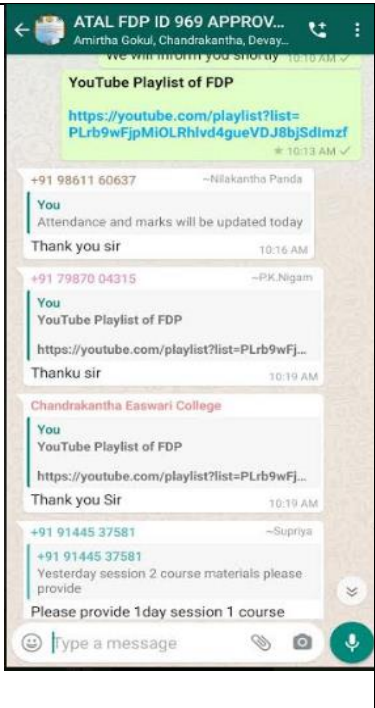
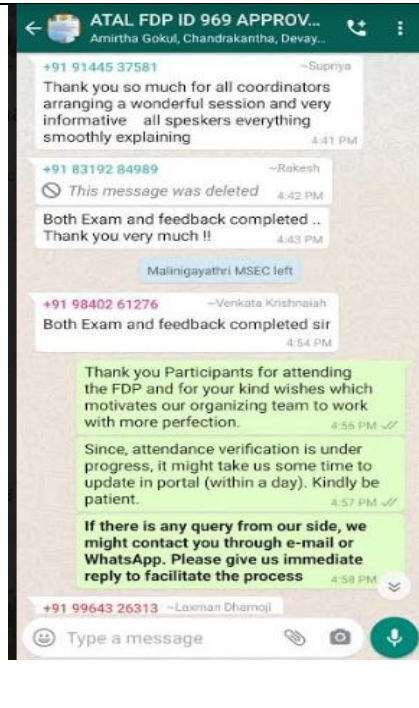
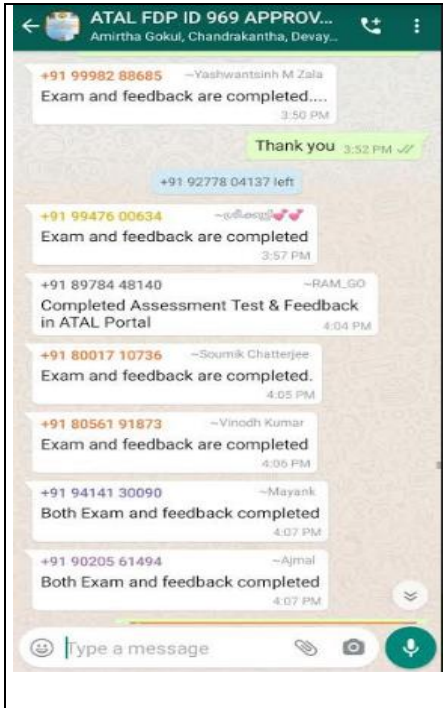
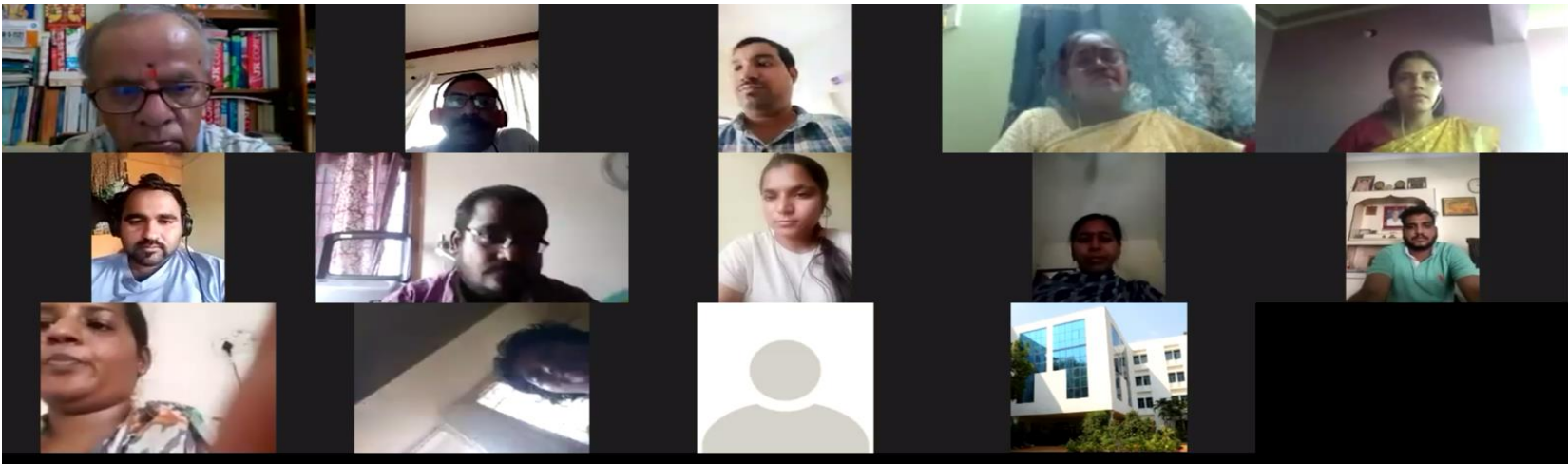
ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



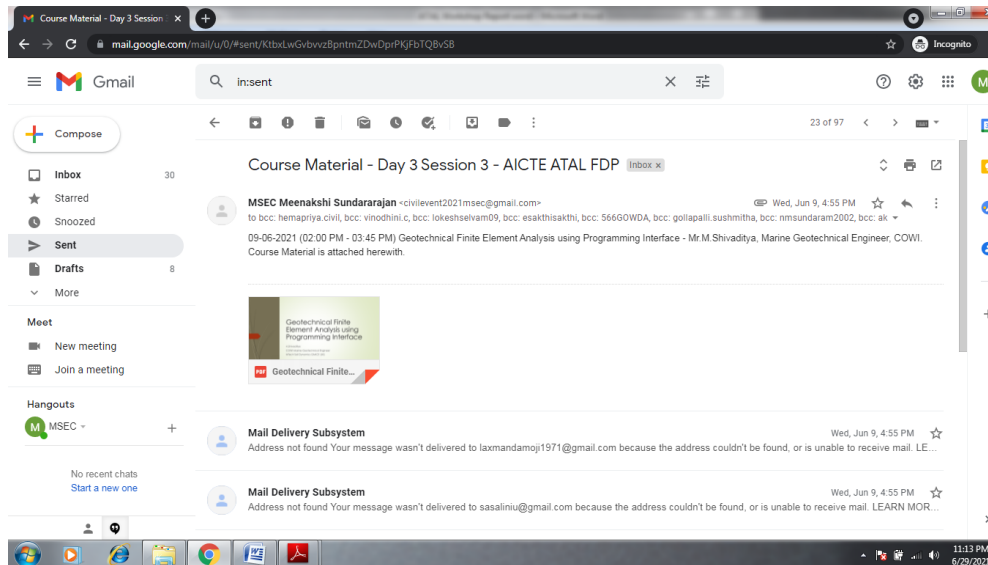
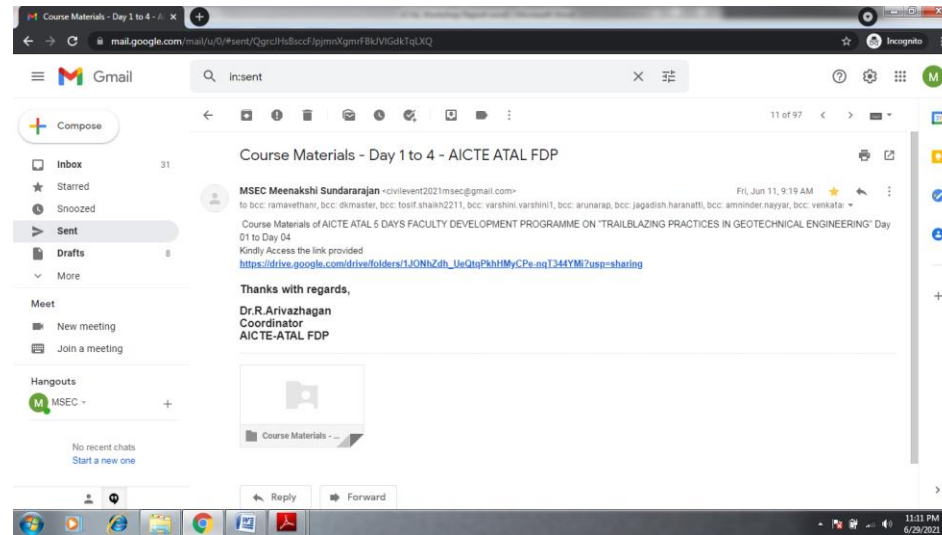
25. The screenshots of the valedictory and feedback sessions



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



26. Proof for course materials distribution to the participants



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

27. The screenshots of the participants test marks uploaded in the ATAL-AICTE portal

The screenshot shows a web browser window displaying the ATAL-AICTE portal. The browser address bar shows the URL `atalacademy.aicte-india.org/co-ordinator/test-marks`. The page header includes the ATAL logo and a 'Logout' button. A sidebar on the left lists navigation options: Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, and Test Marks. The main content area features a 'Workshops' icon and a search bar. Below the search bar is a table with the following data:

Name	Email	Phone	Marks Obtained	Total Marks	Marks
NAMBI HARISH	nambiharish.ce@gmail.com	9985332393	28	30	
RAMBADE GANESH	rganesh226@gmail.com	9010397417	24	30	
Laxman Dhamoji	laxmandhamoji1971@gmail.com	9964326313	13	30	
Karthika N	nkarthika20@gmail.com	8883628018	25	30	
K.S.Johnsirani	johnsirani1971@gmail.com	9486306658	24	30	

The Windows taskbar at the bottom shows the system tray with the date and time: 4:03 PM, 6/29/2021. Open files include 'participants_expor...xlsx' and '1614410893_cons...pdf'.

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

atalacademy.aicte-india.org/co-ordinator/test-marks

N. Karthic	karthicias@gmail.com	8681054372	25	30	
S.PREMASUNDARI	premasundari@nprcolleges.org	6381220066	27	30	
Jagadish Shrisaila Haranatti	jagadish.haranatti@gmail.com	9731305094	20	30	
Ayush Jain	ayush.jain@kiet.edu	9610586704	25	30	
Amninder Singh Nayyar	amninder.nayyar@kiet.edu	9041076188	25	30	
P.GOVINTHARAJ	govinthdoc94@gmail.com	9629419316	20	30	
Lokesh.S	lokeshselvam09@gmail.com	9789146063	17	30	
D.SAKTHIVEL	sakthivelcit@gmail.com	9750234615	24	30	
Selvabharathi Gopal	selthi2003@gmail.com	9962441301	24	30	
RAMAVATH DASRU	dasru.ramavath17@gmail.com	9550602207	24	30	
Jayanti Munda	jayanti.nitw@gmail.com	0824902447	25	30	
Benazeer Sultana	benazeersultana@gmail.com	9439751934	26	30	

participants_expor....xlsx | 1614410893_cons....pdf | Show all

4:03 PM 6/29/2021

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

Swati kumari	swatikumari1402@gmail.com	7000830772	26	30	
SOUMIK CHATTERJEE	soumik.chatterjee92@live.com	8001710736	21	30	
Jammala Surya Narayana	civil.surya1929@gmail.com	9492518315	26	30	
SEEMON S	seemonvgn@gmail.com	9061486180	25	30	
Supriya Tripathi	civil.supriya02@gmail.com	9144537581	21	30	
Annie Varshini Raj	varshini.varshini1@gmail.com	7708593974	20	30	
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MEIKANDAAN TP	meikandaan.civil@bharathuniv.ac.in	9884967362	23	30	
Shweta N Vantamuri	snv.shweta@gmail.com	8884324818	28	30	
Deepak Gunjagi	deepak.gunjagi@gmail.com	8308823435	22	30	
K.Hima Bindu	himabindu453@gmail.com	8639407448	26	30	
A.RAJESH	anburajesh24890@gmail.com	9655674685	11	30	
P. ARUNARANI	arunarap@srmist.edu.in	9840389852	25	30	

participants_expor....xlsx | 1614410893_cons....pdf | Show all

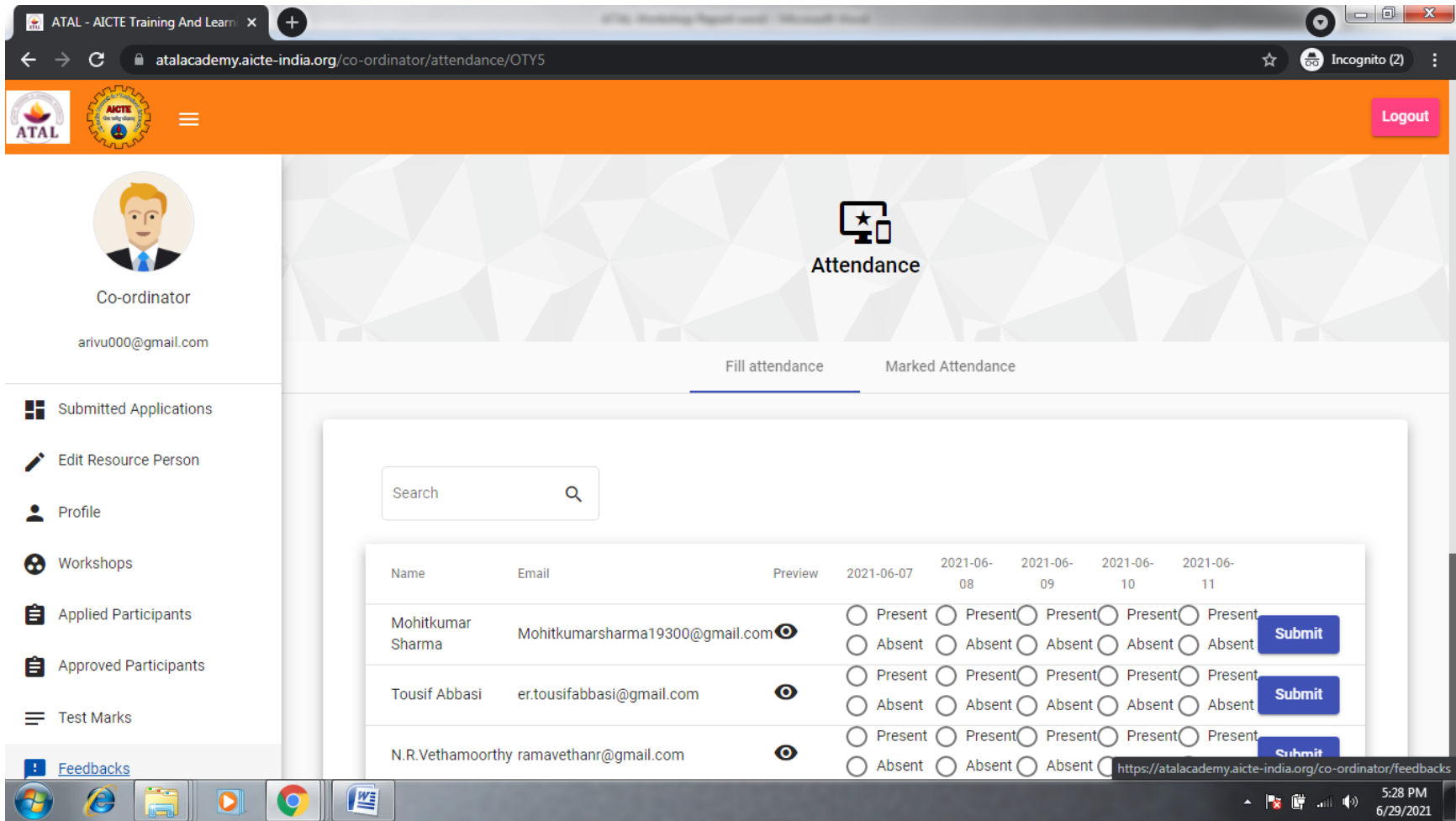
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6/29/2021

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AKHILA M	akhila144@gmail.com	9946895411	25	30	
SHIVAKUMAR.K	shivakumar.k@bitm.edu.in	8123409580	22	30	
NITHYA K	nithiathichinnu88@gmail.com	9600876704	29	30	
R .HEMAVATHI	hemavathi859@gmail.com	9944551247	25	30	
Sonu	Sonusingh2014ae30@gmail.com	9992053177	24	30	
AMIRTHA GOKUL G	amirthagokul.msec@gmail.com	7373597082	30	30	
Awari Mahesh Babu	dramaheshbabu@gmail.com	9849181725	25	30	
Jeevanantham V	jeevanantham@bitsathy.ac.in	9500568226	26	30	
P.VINODHKUMAR	vinodheswar007@gmail.com	8056191873	25	30	
BARATH RAJ.S	barath.msec@gmail.com	9003252602	25	30	
ANBU NEEMA	anbuneema@yahoo.com	7305909895	30	30	
THOTA MURALI KRISHNA	tmkrishnaresearch@gmail.com	7013700874	25	30	

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

28. The screenshots of the participant’s attendance uploaded in the ATAL-AICTE portal



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

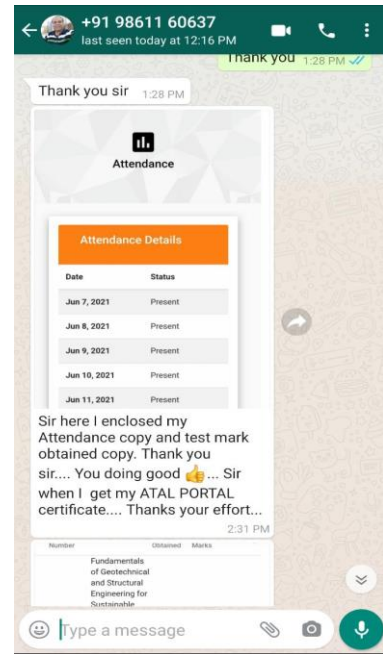
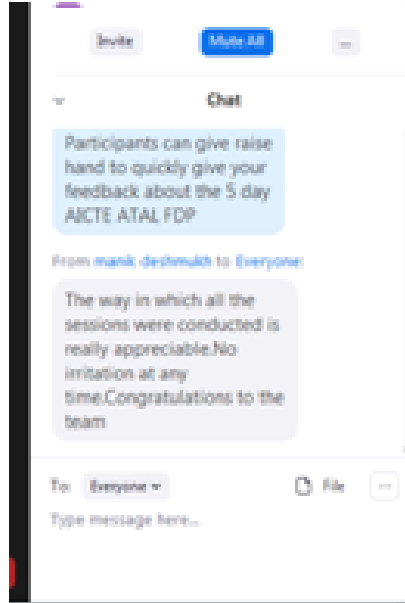
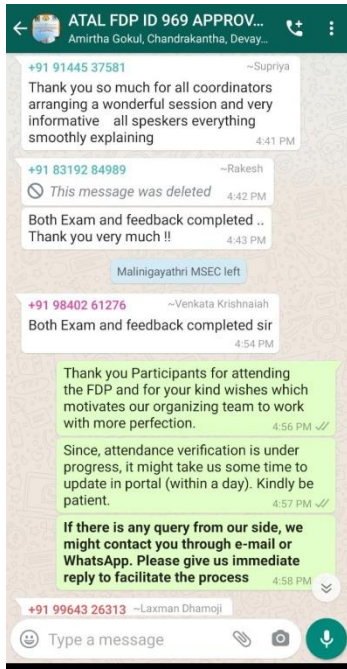
Name	Email	Camera	1	2	3	4	5	6	7	8	9	10	11	12
MASTER			<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent	<input type="radio"/> Absent
MahammadTosif Ismail Shaikh	tosif.shaikh2211@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Bharat Shinde	bvs.jhdp@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
UVARAJ	uvarajmane11858@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Annie Varshini Raj	varshini.varshini1@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Jayanti Munda	jayanti.nitw@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
K.S.Johnsirani	johnsirani1971@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
C.MALA	malacivil12@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
EASWARY P	eashchandra82@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Anjali Diwalkar	anjali.diwalkar@aissmsioit.org	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Raviteja Alugolu	raviteja.a@pragati.ac.in	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present
Shweta N Vantamuri	snv.shweta@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present	<input type="radio"/> Present

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

Name	Email	Camera	Present	Absent	Present	Absent	Present	Absent	Present	Absent	Submit
Saraswathy S	prabhugct18@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Yogesh Nandkumar Bafna	yogesh.bafna@svkm.ac.in		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Sonali Mishra	sonali.mitra.sm@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Deepak Gunjagi	deepak.gunjagi@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Sabarinathan N	sabarinathan61098@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
VIKAS CHOUDHARY	vikas_3384@yahoo.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
A.RAJESH	anburajesh24890@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
MEGHA O	meghaolakkan@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit

Items per page: 25 1 - 25 of 200

29. Some of the feedbacks received for the workshop



30. Some of the feedbacks received for the workshop received from the participants in the ATAL-AICTE portal

Feedback 1:

The screenshot shows the ATAL-AICTE portal interface. On the left is a navigation menu with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, and Test Marks. The main content area is titled 'Feedback Details' and contains the following information:

Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnolgy
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a 5-point scale.

1. You strongly disagree with the statement
2. You disagree with the statement

This screenshot shows the rating scale and feedback content. The 5-point scale is as follows:

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement
4. You agree with the statement
5. You strongly agree with the statement

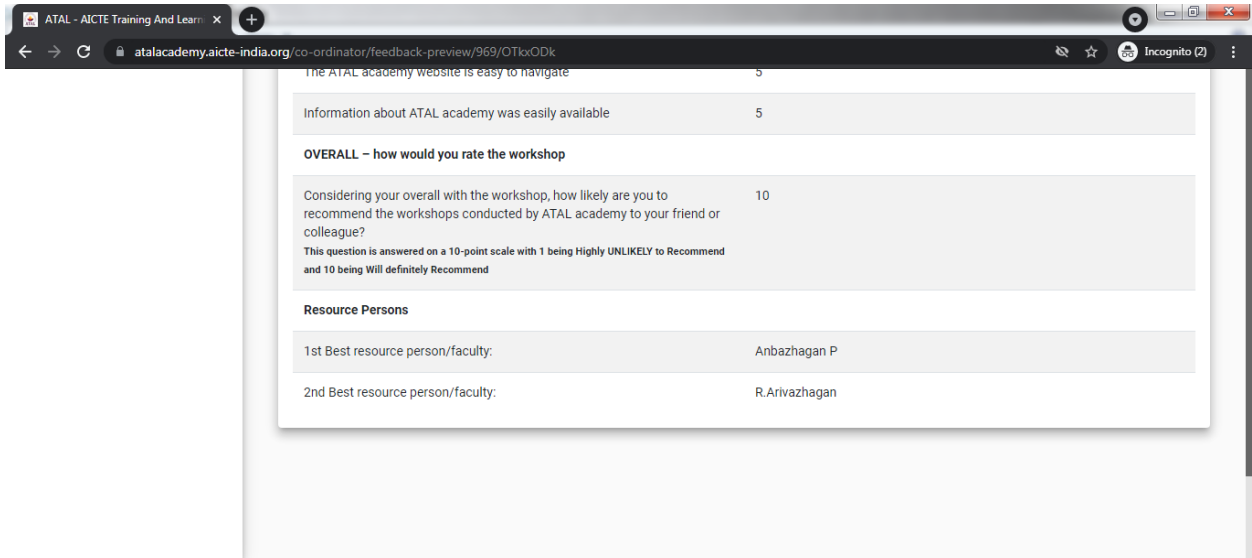
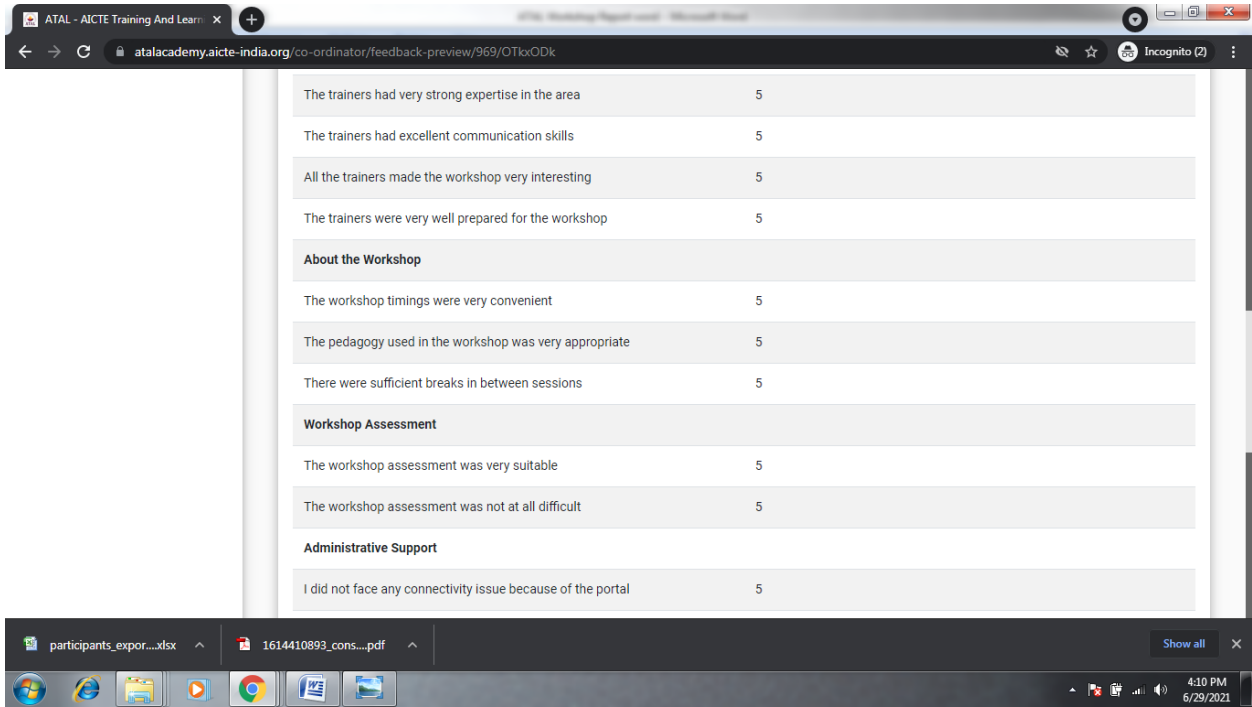
The feedback content is divided into two sections:

About the Content of the Workshop

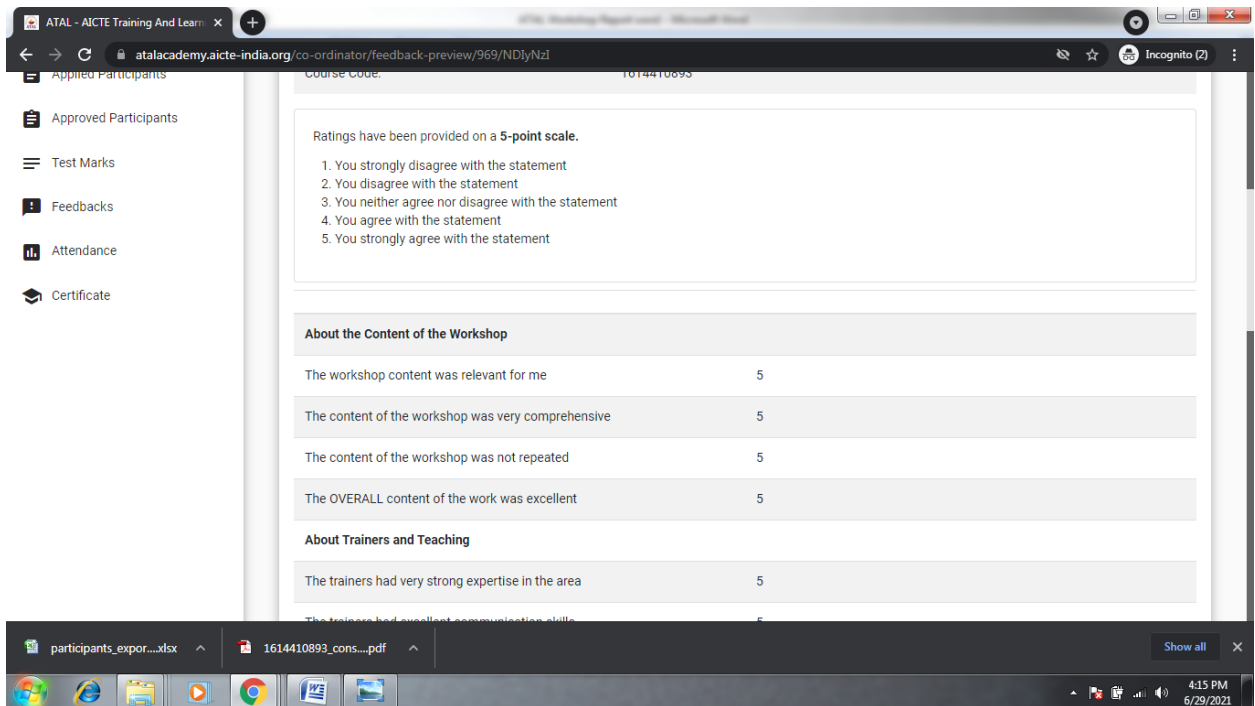
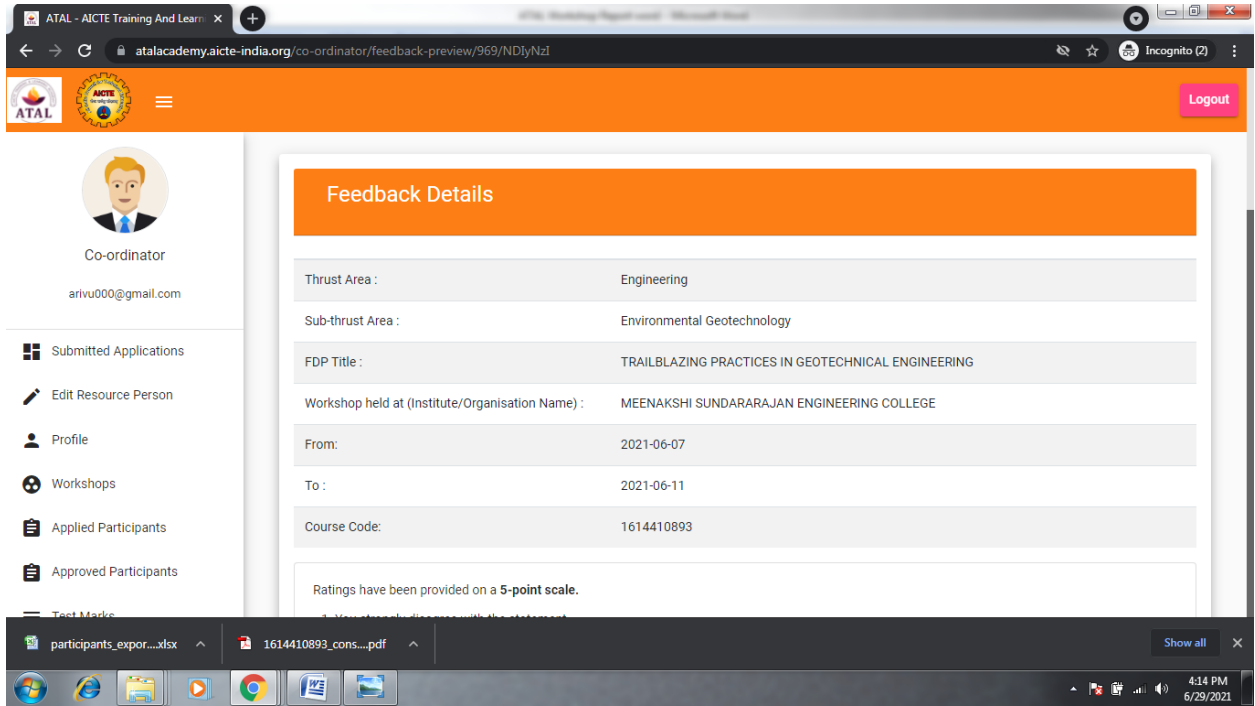
The workshop content was relevant for me	5
The content of the workshop was very comprehensive	5
The content of the workshop was not repeated	5
The OVERALL content of the work was excellent	5

About Trainers and Teaching

The trainers had very strong expertise in the area	5
The trainers had excellent communication skills	5



Feedback 2:



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

The trainers had excellent communication skills 5

All the trainers made the workshop very interesting 5

The trainers were very well prepared for the workshop 5

About the Workshop

The workshop timings were very convenient 5

The pedagogy used in the workshop was very appropriate 5

There were sufficient breaks in between sessions 5

Workshop Assessment

The workshop assessment was very suitable 5

The workshop assessment was not at all difficult 5

Administrative Support

I did not face any connectivity issue because of the portal 5

The Audio and Video quality were excellent 5

The registration process was extremely efficient and smooth 5

The Audio and Video quality were excellent 5

The registration process was extremely efficient and smooth 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL – how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10

This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

Resource Persons

1st Best resource person/faculty: Swami Surarchitananda

2nd Best resource person/faculty: P.Sachithanantham

Feedback 3:

The screenshot shows a web browser window displaying the ATAL Academy feedback preview page. The URL is atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTg1NzI2. The page features a navigation menu on the left with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, and Feedbacks. The main content area is titled "Feedback Details" and contains the following information:

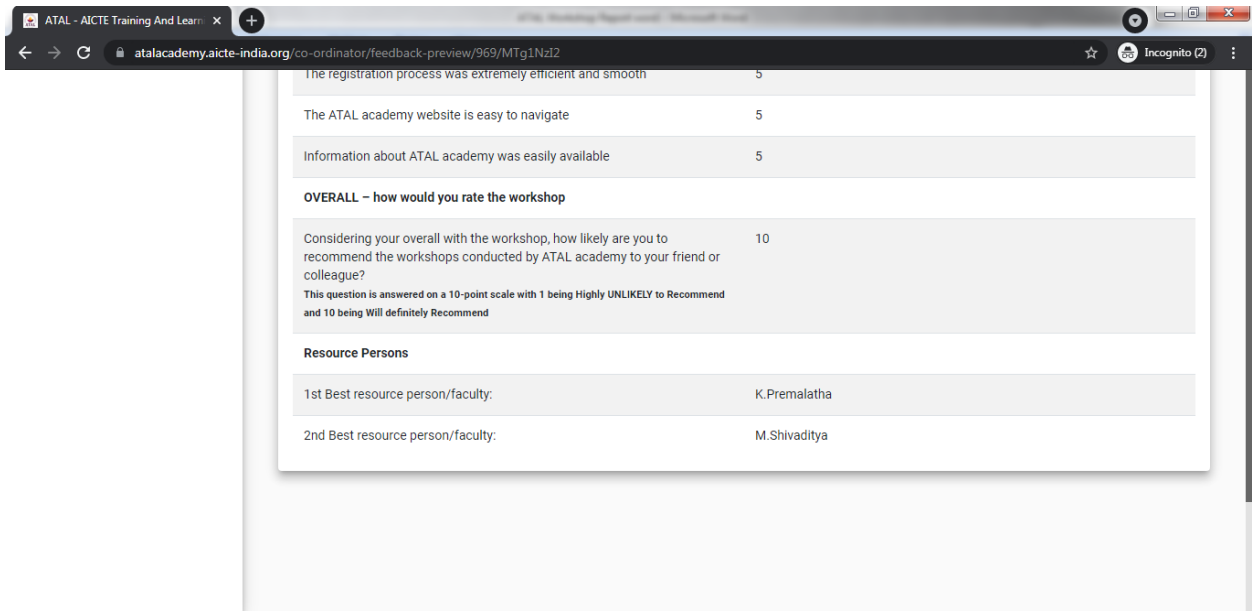
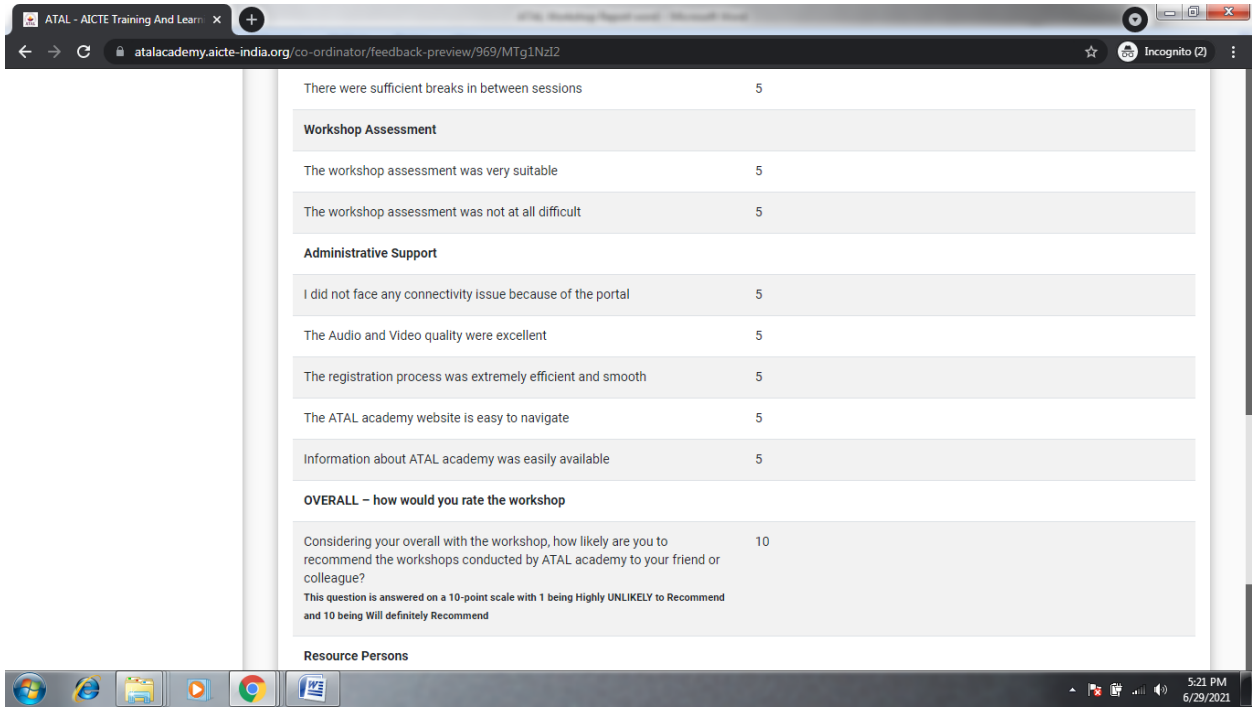
Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnolgy
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a **5-point scale**.

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement

The screenshot shows the same web browser window, but now displaying a list of feedback statements. The statements are grouped into three sections: "About the Content of the Workshop", "About Trainers and Teaching", and "About the Workshop". Each statement has a rating of 5.

Statement	Rating
About the Content of the Workshop	
The workshop content was relevant for me	5
The content of the workshop was very comprehensive	5
The content of the workshop was not repeated	5
The OVERALL content of the work was excellent	5
About Trainers and Teaching	
The trainers had very strong expertise in the area	5
The trainers had excellent communication skills	5
All the trainers made the workshop very interesting	5
The trainers were very well prepared for the workshop	5
About the Workshop	
The workshop timings were very convenient	5
The pedagogy used in the workshop was very appropriate	5



Feedback 4:

The screenshot shows a web browser window displaying the ATAL Academy feedback preview page. The URL is atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY. The page features a navigation menu on the left with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, and Feedbacks. The main content area is titled "Feedback Details" and contains the following information:

Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnolgy
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a 5-point scale.

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement

This screenshot shows the continuation of the feedback preview page. It displays a rating scale and specific feedback items with their respective scores:

3. You neither agree nor disagree with the statement
4. You agree with the statement
5. You strongly agree with the statement

About the Content of the Workshop

The workshop content was relevant for me	5
The content of the workshop was very comprehensive	5
The content of the workshop was not repeated	4
The OVERALL content of the work was excellent	5

About Trainers and Teaching

The trainers had very strong expertise in the area	5
The trainers had excellent communication skills	5
All the trainers made the workshop very interesting	5
The trainers were very well prepared for the workshop	5

About the Workshop

The workshop timings were very convenient	5
---	---

atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY

The pedagogy used in the workshop was very appropriate 5

There were sufficient breaks in between sessions 5

Workshop Assessment

The workshop assessment was very suitable 4

The workshop assessment was not at all difficult 4

Administrative Support

I did not face any connectivity issue because of the portal 5

The Audio and Video quality were excellent 5

The registration process was extremely efficient and smooth 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL - how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10

This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY

The registration process was extremely efficient and smooth 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL - how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10

This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

Resource Persons

1st Best resource person/faculty: R.Arivazhagan

2nd Best resource person/faculty: PAsha

31. Links for the FDP

Join Zoom Meeting

<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVLdVJZQT09>

Meeting ID: 881 1425 8391

Passcode: 90Kw3b

Test link

<https://forms.gle/wrxk4mKPmB6mfddUA>

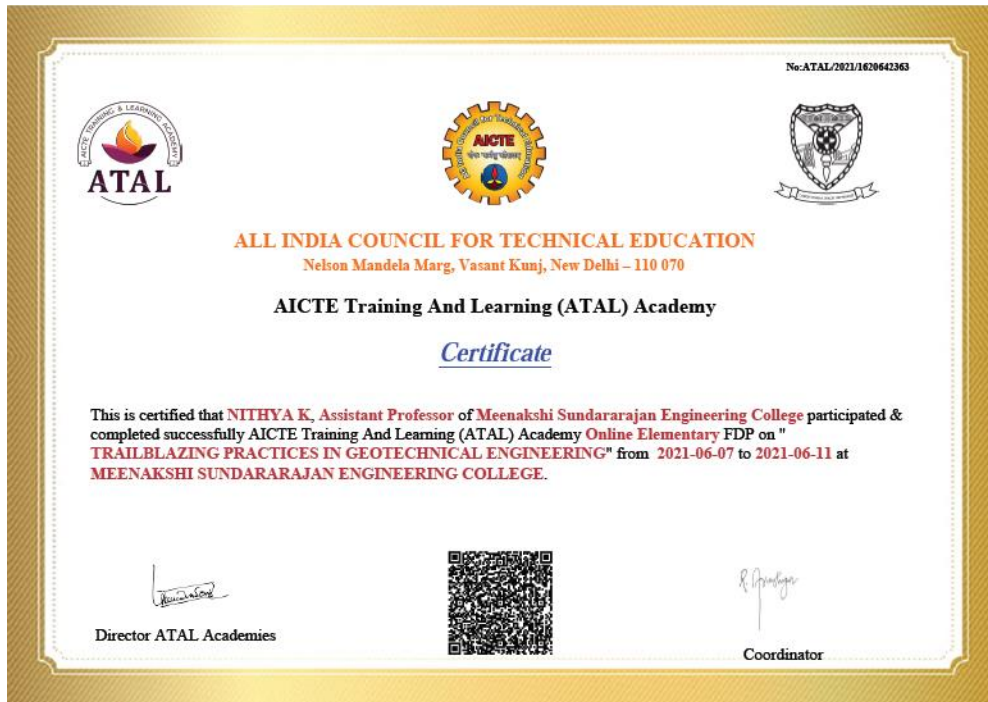
Recorded Sessions Video Link

<https://youtube.com/playlist?list=PLrb9wFjpMiOLRhIvd4queVDJ8bjSdImzf>

Sample Video Clips of FDP

https://drive.google.com/drive/folders/17DvaSII_vzxwUt8h-GddCMZpb3hzjcx?usp=sharing

31. Sample ATAL-FDP certificates



32. Conclusion

It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop.



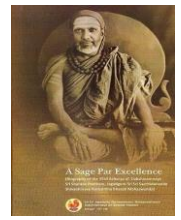
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DEPARTMENT OF CIVIL ENGINEERING (Accredited to NBA)

Associated with



KESHTHANA INFRASTRUCTURES PRIVATE LIMITED

Raja Annamalai Puram, Chennai

Live webinar on Geotechnical and Terra mechanics Perspective



Dr.K.Premalatha

Professor College of Engineering Guindy, Anna University

Evaluation of soil parameters and constants for various soil models.



Dr.S.Jayalekshmi

Professor N.I.T Tiruchirappalli

Evaluation of material parameters and constants from Terra mechanics perspective.



Mr.V.Radhakrishnan

MD Keshthana Infrastructures

Fresh Graduates – The Basic Job skills required in the industry.



Mr.S.Saravanan

Assistant Professor Meenakshi Sundararajan Engineering College
Moderator



Dr.R.Arivazhagan

Associate Professor Meenakshi Sundararajan Engineering College
Welcome speech and Introduction of Speakers



Ms.B.Visaka Priya
GET Keshthana Infrastructures

Moderator

Date : On 25 th July 2020 – Saturday

Time : 10.45 AM

For Registration- <https://forms.gle/xWoJsVQGugNX6BZp6>

Dr.K.S.Babai
Secretary

Dr.K.S.Lakshmi
Correspondent

Dr.P.K.Suresh
Principal

Proff.S.Raman
HOD-Humanity and Science
366

Dr.K.Umarani
Dean Academics

Dr.L.Ramajeyam
Dean PG Studies, HOD Civil



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 Approved by AICTE & Affiliated to Anna University
 email Id: principal@msec.edu.in
 Website : www.msec.edu.in

**INTERNATIONAL CONFERENCE
 ON
 EMERGING TECHNOLOGIES
 AND ADAPTATION IN
 GEOTECHNICAL ENGINEERING**
 (ONLINE FORMAT)
MAY 8TH 2021 - SATURDAY

Organized by
**DEPARTMENT OF CIVIL ENGINEERING
 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**
 (Managed by I.I.E.T Society)
 APPROVED BY AICTE & ACCREDITED BY NBA, NEW DELHI
 RECOGNISED BY THE GOVERNMENT OF TAMIL NADU AND AFFILIATED TO ANNA UNIVERSITY, CHENNAI

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INSTRUCTIONS FOR PARTICIPANTS
 UG and PG Students, Research Scholars, Engineers / Technicians from Government Organization, Industry (Bureaucrats / Technicians / Participants from industry etc.) and staff of host institutions are eligible to participate.
 To encourage and motivate the young Engineering students, we make **free registration** to present a paper in this conference. E-Certificates will be provided for all the active participants.
 Authors are requested to send the soft copy of the technical paper in IEEE double column format not exceeding 6 pages in the paper submission link.

CONTACT DETAILS
 icetage2021@gmail.com
 9080944092 / 7397686669

PAPER SUBMISSION LINK
<https://forms.gle/39LfqcQDP97gkiKR6>

REGISTRATION LINK
<https://forms.gle/4D3Y6NwQPF8QdQdA>

ABOUT THE COLLEGE
 Meenakshi Sundararajan Engineering College was established in 2001 by the Indian Institute of Technology and founded by late Prof.K.R.Sundararajan with a vision of making it a centre of excellence in the field of engineering. The institute offers U.G programmes in Civil, CSE, ECE, EE, Mechanical & IT and a P.G programme in Construction Engineering and Management. The institute imparts knowledge and skills with excellent learning facilities for practical training to the youth. The college has signed MOUs with research organizations and industries to promote constant interaction in the areas of technology development, student training, curriculum and establishing state-of-art-centres of excellence. Encouraging and inculcating the spirit of innovation is the hallmark of the institution.

ABOUT THE DEPARTMENT
 The Department of Civil Engineering, accredited by NBA, was started in the year 2002. The Department with an ICI students' chapter has a distinct association with PWD, Highways Department, T.W.A.D, SERC, C.M.R.L, U.R.C, Kesthana Infrastructures, Chennai Port Trust, Metro Water, L&T, Ultracon Structural Systems and Langdonesaaah. The department regularly conducts national & international seminars, conferences, workshops, FDPs to keep the faculty and students updated on the trends and latest research areas in the field of Civil Engineering. Ever since its inception, the department has been providing induction and orientation on the opportunities available in various PSUs. This has paid rich dividends as many alumni have been well placed in prestigious PSUs. A number of our brilliant students have successfully completed their research in IITs and in Universities abroad while a good number are exemplary entrepreneurs.

ABOUT THE CONFERENCE
 India is one of the fast growing economies in the world which has many challenging ongoing and completed infrastructure projects across the country. One of the most important aspect of any urban infrastructure project is Geotechnical Investigation, which has gathered importance and emphasis problem in the last few decades. Over the years, many new methods and trends were being developed academically and practiced in terms of analysis, design and construction associated to site investigations. In this view, an "International Conference on Emerging Trends and Adaptation in Geotechnical Engineering" (ICETAGE 2021) is organized under the auspices of the Department of Civil Engineering, MSEC, which includes many different disciplines such as: Trends in Site Investigation; New Techniques in Laboratory Testing, Analysis and Design, Ground Improvement, Geo-Environmental Applications, Utilization of Waste by Products and Contribution of Geo-technical engineering in Solid Waste Management, Trends in Prediction of Soil Behavior, Dealing with Underground Structures, Offshore Geotechnical Structures, Earthquake Engineering problems and Designs and Construction Methods Under Challenging situations etc., in various countries and difficult geological locations around the world in terms of infrastructure and hydro projects, in which the application of these new trends with amalgamation of classical soil mechanics principles is vital.
 There is a need for students, academicians and practicing professionals to stay updated about the emerging trends in various geotechnical areas. This conference presents some of the emerging trends in the geotechnical engineering practice and research activities.

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 Mr.S.Barath Raj, AP

KEY DATES

Description	Deadline
Due Date for Abstract Submission	17-04-2021
Intimation of Accepted Abstract	19-04-2021
Due Date for Full Paper Submission	28-04-2021
Intimation of Paper Acceptance	29-04-2021
Submission of Camera Ready Paper	03-05-2021
Last Date for Conference Registration	06-05-2021
Date of Conference	08-05-2021

The sub-themes under the core theme of the conference are as follows:

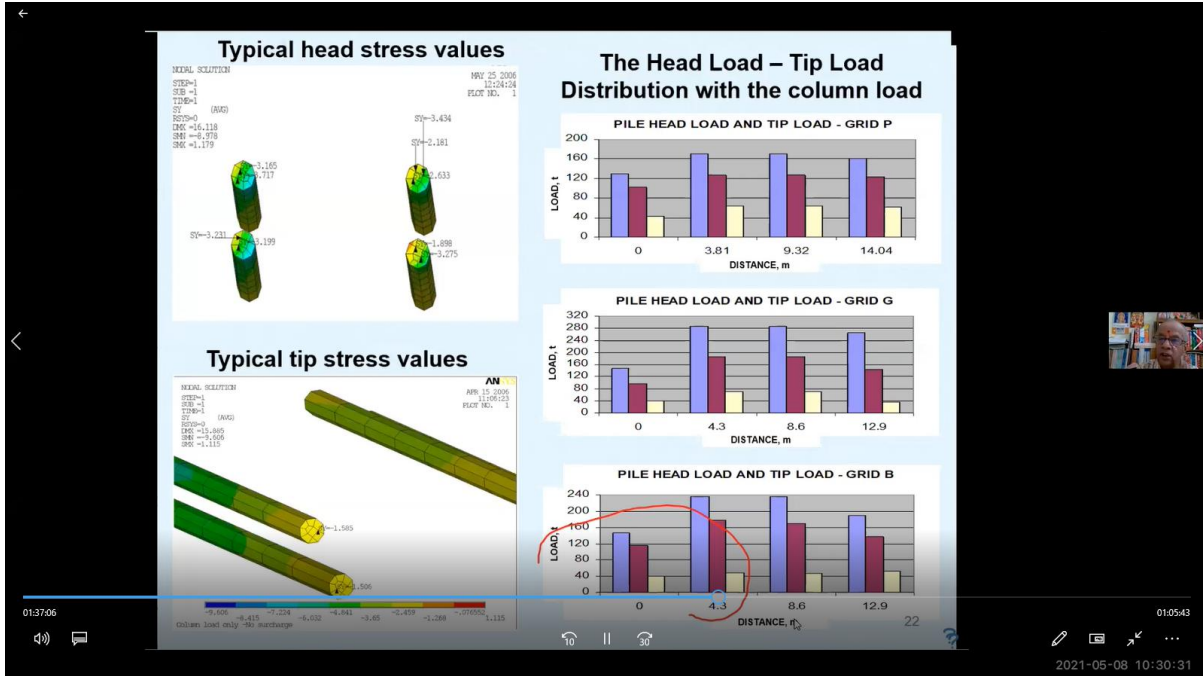
- Soil Behavior and Characterization of Geomaterials
- Geotechnical, Geological and Geophysical Investigation
- Foundation Engineering
- Ground Improvement Techniques
- Geo-environmental Engineering
- Soil Dynamics and Earthquake Geotechnical Engineering
- Earth Retaining Structures, Dams and Embankments
- Slope Stability and Landslides
- Transportation Geotechnics
- Geosynthetic Applications
- Computational, Analytical and Numerical Modelling
- Rock Engineering, Tunneling, Deep Excavations and Underground Constructions
- Forensic Geotechnical Engineering and Case Studies
- Others: Behaviour of Unsaturated Soils, Offshore & Marine Geotechnics, Remote Sensing & GIS, Instrumentation & Monitoring, Retrofitting of Geotechnical Structures,
- Reliability in Geotechnical Engineering, Geotechnical Education, Codes & Standards, & any other relevant topic

* UG students can also send a paper in the title of 'Recent Trends in Civil Engineering'

WITH COMPLIMENTS FROM



Photo Gallery




Methods of Tunneling – Bored method using TBM (present study)

Bored tunnel - The bored construction method for tunnels involves digging a tube-like passage through the earth. This usually refers to mountain tunneling, however it has also been used for tunneling under bodies of water and for underground urban transportation.

Basic two forms are

1. Earth Pressure Balance method
2. Slurry Shield Method



02:06:09 03:36:40
2021-05-08 10:59:35



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Website : www.msec.edu.in

METHODOLOGY

The load settlement has been analyzed for the three different density state of Silty Sand soil such as loose, medium dense and dense state at density of 1.5, 1.6, 1.7 g/cc respectively. The geogrid has placed at the different level to analyze the effect of depth parameter for the following categories.

- Load Settlement on soil without geogrid.
- Load settlement on soil with geogrid placed at top of the soil surface
- Load settlement on soil with Geogrid placed at 5 cm be from the top of the soil surface
- Load Settlement on soil with Geogrid placed at 5 cm,10 cm from the top of the soil surface
- Load settlement on soil with geogrid placed at 5 cm,10 cm,15 cm from the top of the soil surface

ICETAGE-05 - Ground Improvement Techniques

Fig.2 Spatial variation of groundwater depth in 1974

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