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S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C, Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### EVENT REPORT

SI. No	Details of the Event						
1	Department	COMPUTER SCIENCE AND ENGINEERING					
2	Activity (Seminar / Workshop / Conference / FDP / Guest Lecture / Competitions / Sports / Cultural / Exhibition / Cultural Programme/Others (Please specify))	FIIP (Faculty Industry Immersion Programme)					
3	Title of the Event	Machine Learning with Jetson Nano					
4 -	Geographical College (State Level / National Level / International Level / College Level / Department Level / Inter Collegiate / Inter Department / Village Level / Town level)						
5	Theme of the Event	Faculty Development					
6	Date/Duration	07.02.2022 to 11.02.2022					
7	Mode of Delivery	Physical Mode					
8	Total Expenditure	Rs.18,000					
9	Funding Agency (ies) (Attach Sanction Letter)	Not applicable					
10	Sponsor (s)	ISTE					
11	Total No. of Participants (Attach list of Participants/Attendance details)	Other State: Outstation (within Tamilnadu): Internal: 30					
12	Publication Type (Proceedings / Edited Book / Technical Note / Handout / Others) (Attach Sample copy)	Not applicable					
13	Publication Title with ISBN	Not applicable					
	i) No. of Articles Received						
	ii) No. of Articles Published						
	iii) No. of Articles Presented						
14	Joint Organizer	Not applicable					

15	Resource Persons / Chief Guest / Session Chair with Designation and Official Address (with Phone No. and Email)	Mr A.Kesavan, Quantanies Techsery Pvt Ltd
16	Convenors Name Designation and Official Address	Dr.A.Meenakshi, Head of the Department, Department of CSE, Kamaraj College of Engineering and Technology(Autonomous) Near Virudhunagar, Tamilnadu.
7	Attach the Invitation/Brochure/Circular/Approval letters	Attached
8	Attach Photos (geotagged)	Attached
9	Programme Summary / Short Description of the Activity:	Attached
0	Feedback Analysis Report and Action Taken (If any)	Attached

Convener

IQAC Coordinator

Dr. L Ganesh Moorthy, M.Tech., Ph.D.,
Coordinator
Internal Quality Assurance Cell
KAMARAJ College of Engineering and Technology
(Autonomous)

(Autonomous)
S.P.G. Chidambara Nadar - C. Nagammal Campus
S.P.G. C. Nagar, K. Vellakulam - 625 701
(Near VIRUDHUNAGAR)

HoD-CSE

Principal

Dr. S. SENTHIL, M.E., Ph.D.,

PRINCIPAL (IIc)

KAMARAJ College of Engineering and Technology

(Edichomous)

S.P.G. Chidambata Nezlar - C. Majamatal Campus, S.P.G.C. Nagar, K. Vallahularo - 615 701.

(Near VIRUDHUNAGAR).

KAMARAJ



COLLEGE OF ENGINEERING & TECHNOLOGY
S.P.G. Chidambara Nadar - C. Nagammal Campus, S.P.G.C. Nagar, VIRUDHUNAGAR.
Accredited by NAAC with 'A' Grade

APPROVAL BOOK	
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Principal

Secretary



#### (Autonomous) S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, Virudhunagar.

KAMARAJ / AO / 2021-2022 / 1371

05/02/2022

#### CIRCULAR

The Department of Computer Science and Engineering organizes a FIVE day ISTE sponsored Faculty Industry Immersion Program (FIIP ) in association with Quantanics Techserv (P) Ltd on "Machine Learning with Jetson Nano" from 07<sup>h</sup> Feb 2022 to 11<sup>th</sup> Feb 2022.

HoDs are requested to depute the faculty members as follows:

IT and ECE

- 3 Nos from each department

EEE, EIE and MTR

- 2 Nos from each department

MECH, CIVIL, BT and PT - 1 No.from each department

The deputed faculty members shall enroll their names to Dr.R.Muthuselvi, Professor / CSE or Mrs. S.Athilakshmi, AP / CSE.

#### Copy to:

- 1. All HODs through their email ID
- 2. To be circulated all Teaching Staff Member through their HoDs email ID.
- 3. Superintendent / Administrative Office
- 4. File

Copy submitted to the Secretary Administrative



(An Autonomous Institution - AFFILIALED TO ANDA UNIVERSITY CHEMNAL)
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S.P.G.C. Nagar, K. Vellakulam - 625-701 (Near VIRUDHUNAGAR)

#### Department of Computer Science and Engineering Committee List for FIIIP on "Machine Learning with Jetson Nano" To be conducted from 7<sup>th</sup> Feb to 11<sup>th</sup> Feb 2022

04.02.22

As per the discussion with HOD-CSE, the list of responsibilities and the faculty members allotted is as follows:

SNo	Responsibilities	Faculty Member
1	<ul> <li>Approval from Management</li> <li>Finance Management</li> <li>Bill Settlement to College</li> <li>Preparation of summary report of the programme</li> </ul>	Dr.R.Muthuselvi Mrs.S.Athilakshmi
2	<ul> <li>Preparation of invitation letter and uploading in College Website</li> <li>Uploading programme Photos</li> <li>Communication to digital team</li> <li>Preparation of Agenda- Inaugural and valedictory function</li> <li>Introduction of resource persons</li> </ul>	Dr.G.Mahalakshmi – G.M. Mrs.P.Kavitha <sub>F-Nambo</sub>
3	<ul> <li>Registration &amp; Getting sign in the Visitor's note book</li> <li>Maintenance of attendance of participants</li> <li>Feedback form preparation</li> <li>Analysis of feedback</li> </ul>	Mrs.K.Indumath
4	<ul> <li>Designing &amp; Distribution of Certificate</li> </ul>	Ms.T.Rajashree Ms.M.Balameenakshi
5	<ul> <li>Hospitality to resource persons</li> </ul>	Mr.M.Rajasekaran
6	Sending Thanks giving letter to resource persons	Dr.A.Anandh Dr.R.Ramya
7	<ul><li>Lab arrangement</li><li>Collection of material from resource person and distribution of material</li></ul>	Dr.G.Nirmala Mr.B.Muthukrishnavinayagam

R.M.: Coordinators Neval

HOD-CSE



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA, New Delhi)

#### **Organizes**

**ISTE Sponsored Faculty- Industry Immersion Programme (FIIP)** 

in association with

Quantanics Techserv (P) Ltd., Madurai



on



#### **Machine Learning with Jetson Nano**

07.02.2022 to 11.02.2022

**INAUGURATION** 

on

07.02.2022 - 09.30 AM

Venue - Artificial Intelligence & IoT Lab



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S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### **CORDIALLY INVITES YOU**

for the

#### **INAUGURATION**

on

#### 7<sup>th</sup> February 2022

#### **AGENDA**

09.30AM - 09.35 AM - Prayer Song

09.35AM - 09.45 AM - Welcome Address by

Dr.S.SENTHIL M.E., Ph.D.,

Principal, KCET

09.45AM - 10.00 AM - Introduction of Resource Persons &

about Programme

Dr.A.MEENAKSHI M.E., Ph.D.,

**HoD-CSE, KCET** 

10.00 AM Onwards - Mr.A.KESAVAN

Mr.R.VIGNESH

**Resource Persons** 

Quantanics Techserv (P) Ltd.,

Madurai



#### ISTE Sponsored A five day Faculty Industry Immersion Programme

on

"Machine Learning with Jetson Nano"

Organized by

#### Department of Computer Science and Engineering

Association with

Quantanics TechServ Pvt. Ltd., Madurai

Session Plan

Day/Date	Session I 9.30am to 10.40am	Session II 11am to 12.30pm	Session III 1.30pm to 3:30pm
07.02.2022 Monday	Introduction to Artificial Intelligence	Python Programming	Hands on OS flashing and installing packages
08.02.2022 Tuesday	Hands on Python programming	Getting started with Jetson interface	Hands on Pretrained Object detection
09.02.2022 Wednesday	Custom object detection	Hands on- Custom object detection with Open Image data sets	Hands on- Custom object detection with Open Image data sets
10.02.2022 Thursday	Data set collection and Preprocessing	Hands on – Data collection and Preprocessing	Hands on – Interface detection with custom data set
11.02.2022 Friday	Project Presentation	& Assessment	Valedictory

Coordinators

HOD-CSE

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#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ISTE sponsored Faculty Industry Immersion Programme (FIIP) on

#### "Machine Learning with Jetson Nano"

in association with Quantanics Techserv (P) Ltd 07th Feb 2022 to 11th Feb 2022

#### REGISTRATION FORM

S.No.	Faculty Name	Designation/Department	Signature
1.	M.Balameenakihi	Assistant Professor	sam.Rl
2.	M. Ray anelcaray	Assistant profesor/cs	
3.	S. Wesley Moses Sandura	Assistant Professor/MTRE	
4.	1	agam Assistant Proposes CSE	The state of the s
5.	T. Rajashoee	Assistant professor/st	*
6.	M. Indra Desi	Prograssy CRE	R.
7.	A. Anardh	ASP/CSE	Symon
8.	S. Athilanshur	AP-CSE	July 2/20
9.	T. Pandisa vi	AP-ECE	J-P 57
10.	T. PRATHIBA	AP - ECE	T. ROYAL
. 11.	R. RAMYA	AP/CSE	L. Jarry
12.	L. V. REVATIH	AP/EIE	Lv. D
13.	GINIRMAIA	APICSE	OP.
14.	G. Mahalakshmi	APICSE	G. MA
15.	R. Muthuselm	Prop - CSE	R.M.Cu
16.	TRAMESH	APIMECH	10 h
17.	R. INDHUJA	APICSE	ghis:
18.	K. INDUHATHI	AP I CSE	更
19.	VIVEK RAJAN V	PGI- Student J. M. E(CSE)	V. L'KOF
20.	R. MUTHU ESHWARAN	PG-Student I-M-E(CSE)	
21.	M. Prawin	PG. Swaen J.M. E(EEE)	0 / 1
* 22;	A- SivaBalon	Pa Shedont J M.F (EEE)	1.C.

S.No.	Faculty Name	Designation/Department	Signature
23.	J. GIOKULA NARAYANAN	P.G. STUDION- I-ME-LEE	ly My
24.	PKAVITHA	AP/CSE	P-nounti
25.	A. GIEETHA	ASP/ECE	8
26.	DORIGRED	APLEE	NN
27.	R. RAJPRABU	AP/ECE	7
28.	Dr. M. Sudalairani	AP ISES	RED
29.	P. KANNAN	Tech I CSF	Dhus
· 30.	P. Ruban Anu Rey	Tech/CSE	22

Coordinators

Convener



S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR). S.P.G.Chidambara Nadar - C.Nagammal Campus

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ISTE sponsored Faculty Industry Immersion Programme (FIIP) on

"Machine Learning with Jetson Nano"

in association with Quantanics Techserv (P) Ltd

07<sup>th</sup> Feb 2022 to 11<sup>th</sup> Feb 2022

# ATTENDANCE FORM

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No.	Faculty Name	M BALA MEENAKSHI	M RAJA SEKARAN	3 WESLEY MOSES SAMDOSS.	BMUTHUKRISHNAVINAYAGIAMI	T. RAJPSHREE	M INDIRA DEVI	A - ANANDH	S. ATHILAKSHMI	T PANDISELY!	T. PRATHIBA
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S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING 15.02.2022

#### Report

Department of Computer Science and Engineering in association with ISTE Students' Chapter organized a FIVE day ISTE sponsored Faculty Industry Immersion Program (FIIP) in association with Quantanics Techserv (P) Ltd on "Machine Learning with Jetson Nano" from 07<sup>th</sup> Feb 2022 to 11<sup>th</sup> Feb 2022 for the faculty members.

With Tamilthai Vazhthu, the programme started. Welcome Address was given by the Principal, Dr.S.Senthil,M.E.,Ph.D., He highlighted the importance of Artificial Intelligence all fields. The Dean-Academics, Dr.R.Suresh Babu M.E.,Ph.D., felicitated the gathering. He insisted the importance Machine Learning. The HOD, Dr.A.Meenakshi M.E., Ph.D., introduces the resource persons, who are coming from Quantanics Techsery Pvt Ltd.,

The sessions were conducted in Artificial Intelligence and Internet of Things Lab. Thirty participants from various departments like CSE, ECE, EEE, EIE and Mechanical participated actively in the sessions. After a brief introduction to Artificial Intelligence and Python programming, hands on session on OS flashing was completed. With the guidance of the resource persons, the participants installed Jetson Nano and Python packages. The importance of Object detection was discussed. Custom object detection was implemented using Open data set images with the support of Chrome extension. It was also explained how to complete preprocessing. Participants actively involved in the hands on sessions. Healthy interactions took place between the resource persons and participants. On the final day, after the participants record their valuable feedback, certificates were distributed. Dr.R.Muthuselvi M.E., Ph.D., proposed Vote of Thanks. With the National Anthem, the programme ended smoothly.

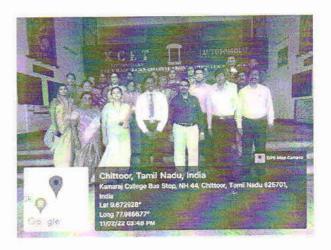
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#### Photos









Faculty Coordinators

ISTE Department In-charge

HOD / CSE

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# Machine Learning with Jetson Nano -07th Feb 2022 to 11th Feb 2022

ISTE sponsored Faculty Industry Immersion Program (FIIP) in association with QuantanicsTechserv (P) Ltd Organised by the Department of CSE

* Required	
* This form will record your name, please fill your name.	
1. Name of the Faculty (Eg:Mr/Ms/Mrs/Dr.K.Kamrajar) *	

- 2. Designation \* Professor Associate Professor Assistant Professor PG Student
  - Technician

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3. Department *	
Computer Science and Engineering	
Electronics and Communication Engineering	
Information Technology	
Bio Technology	
Electrical and Electronics Engineering	
Mechanical Engineering	
Civil Engineering	
Mechatronics Engineering	
Artificial Intelligence and Data Science	
Polymer Technology	
Electronics and Instrumentation Engineering	
4. Were objectives of the Program met? *	
Completely agree	
Strongly agree	
_ Agree	
Partly Agree	
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5. Was the Program sequence well planned? *	
Completely agree	
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6. Were the lectures clear and easy to understand? *	
Completely agree	
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Partly Agree	
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7. Whether the instructors encouraged the interaction? *	
Completely agree	
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8. The information delivered at this Program was highly bene	eficial. *
Completely agree	
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9. Organization of the Program was Good *	
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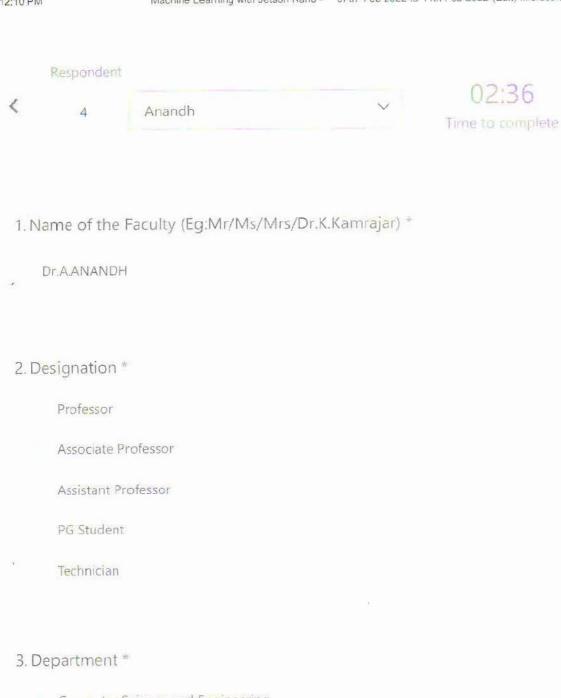
10.	Comm	ents/Suggestions
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HoD/cse



Computer Science and Engineering

Electronics and Communication Engineering

Information Technology

Bio Technology

**Electrical and Electronics Engineering** 

Mechanical Engineering

Civil Engineering

Mechatronics Engineering

	Machine Learning with Jetson Nano -	07th Feb 2022 to	11th Feb 2022 (Ed	it) Microsoft Form:
Artificial Inte	elligence and Data Science			
Polymer Tec	hnology			
Electronics a	and Instrumentation Engineering			

4. Were objectives of the Program met? \*

Completely agree

Strongly agree

Agree

Partly Agree

Disagree

5. Was the Program sequence well planned? \*

Completely agree

Strongly agree

Agree

Partly Agree

Disagree

6. Were the lectures clear and easy to understand? \*

Completely agree

Strongly agree

Agree

Partly Agree

Disagree

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-9. Organization of the Program was Good \*

Completely agree

Strongly agree

Agree

Agree

Partly Agree

Disagree

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10. Comments/Suggestions

Program was nicely organised. Very informative and useful to us.

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(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C.Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).



Quantanics Techserv (P) Ltd



#### **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## Certificate of Appreciation

This is to certify that Dr./#	Mr./MsT · PRA	THIBA ,	AP-ECE	
has Participated in a five d	ay ISTE sponsored Faculty Industr	y Immersion Progr	amme (FIIP) in ass	ociation with Quantanics
Techserv (P) Ltd on "Machi	ne Learning with Jetson Nano"	from 07 Feb 20	022 to 11 <sup>th</sup> Feb 20	022 at Kamaraj College of
Engineering and Technology	, Virudhunagar.		_	0
A. Exercian	Coordinators	Conv	rener	Principal



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAS S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### Department of Computer Science and Engineering ( Accredited by NBA)

A FIVE day ISTE sponsored Faculty Industry Immersion Program(FIIP) in association with Quantanics Techsery (P) Ltd on "Machine Learning with Jetson Nano"

#### 7th Feb to 11th Feb 2022

#### Summary of income and expenses

1	Amount approved Expenses	18,000	
**	1.Amount spent by college a.Honorarium for 2 Resource Persons ( 2000*2*4 days) b.Lunch for for 2 Resource Persons(100 *2*4 days) c.Refreshment for 2 Resource Persons(20*2*4 days) 2. Certificates for participants (32 * 20)		16,000 800 160 640
	Total	18,000	17,600

Amount to be refunded to Dr.R.Muthuselvi

Enclosure: Bill No 1, Budget Proposed

Summary Report

Faculty

advisor

ISTE Dept

Coordinator

Faculty

Coordinators

HOD-CSE

B. Noorall Harritha



S.P.G.Chidambara Nadar - C. Nagammal Campus

S.P.G.C.Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District

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# **COLLEGE OF ENGINEERING & TECHNOLOGY**

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.Chidambara Nadar - C. Nagammal Campus

S.P.G.C.Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District		
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Senior Clerk

Superintendent

Principal

Treasurer

Secretary

Receiver's Signature



S.P.G.Chidambara Nadar - C. Nagammal Campus S.P.G.C.Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District

COLLEGE A/c

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S.P.G.Chidambara Nadar - C. Nagammal Campus S.P.G.C.Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District

COLLEGE A/c
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#### COLLEGE A/c

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Senior Clerk

Senior Clerk Name\_ missiftence ive day Mr. A. Wasavas Jelson Vano Superintendent COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution S.P.G.C.Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madural District (An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHEMIA) EllPon Two Thousand only) - Mrs CLUPY 4910W Particular (Ywartanium Toch Sen (P) Hor Principal Marino / pouring CASH VOUCHER COLLEGE A/c 07-20-202) Treasurer Total Springe Secretary Date: 2000 2.000 10-02-2022 B Po



# **REPORT**

ORGAN PRINTING USING
3D PRINTING
TECHNOLOGIES TO
MAKE SELF- RELIANT
INDIA

07.12.2021-11.12.2021 ,KAMARAJ COLLEGE OF ENGINE ERING AND TECHNOLOGY

#### ORGAN PRINTING USING 3D PRINTING TECHNOLOGIES TO MAKE SELF-RELIANT INDIA FDP

Organ printing 5-Days AICTE sponsored FDP was conducted from 07<sup>th</sup> to 11<sup>th</sup> December 2021 in which around 64 participants from different parts of the country participated.

The speakers for the 5-day FDP on "ORGAN PRINTING USING 3D PRINTING TECHNOLOGIES TO MAKE SELF- RELIANT INDIA" were:

#### Dr.K.P.Karunakaran Mech, Professor, IIT Bombay



Designation: Professor IIT Bombay, Department of Mechanical Engineering

#### Education

- Ph.D., IIT Kanpur, 1994,
- M.Tech., IIT Madras, 1988,
- B.E. Honours, College of Engineering, Anna University, Chennai, 1984

#### Er.E. SreedharKumar, Senior Manager, PSG-TIFFAC-CORE, Coimbatore



Designation: Senior Manager, PSG- Tiffac Core Coimbatore

#### Education

PG in Industrial Chemistry , Bharathidhasan University , Tirchy

#### Work Experience

- At present working as Senior manager with PSG institutions as senior manager.
- 14 years in engineering product development

#### Er.ShubamMurari, Technical Assistant, COE, Manufacturing Unit, NIT Trichy



Designation: Technical Assistant, COE, Manufacturing Unit, NIT Trichy

#### Education

- M.Tech in Thermal engineering from IIT Ropar, Punjab
- B.Tech in Industrial and Production engineering from G. B. Pant University Pantnagar, Uttarakhand

#### Dr. RupinderSingh ,Professor NITTTR, Chandigarh



Designation: Professor NITTTR, Chandigarh

#### Education

- Ph.D.(Mechanical) from T.I.E.T. Patiala
- M.Tech.(Production) from P.T.U. Jalandhar
- B.Tech.(Production) from P.T.U Jalandhar

#### Research Interest

• DOE ANN RSM TAGUCHI, Non-Conventional Machining, Additivemanufacturing, Metal casting, Maintenance Engineering

#### Dr. Ravi PratapSingh, Assistant Professor, NIT, Jalandhar



Designation: Assistant Professor ,Industrial and Production Engineering, NIT . Jalandhar

- **Ph.D.** Mechanical Engineering (National Institute of Technology, Kurukshetra, Haryana, India)
- M.Tech. Mechanical Engineering (Industrial & Production Engineering) (National Institute of Technology, Kurukshetra, Haryana, India)

#### Dr. NarendraKumar , Assistant Professor , NIT , Jalandhar



Designation: Assistant Professor ,Industrial and Production Engineering, NIT , Jalandhar

#### Education

- **Ph.D.** Mechanical Engineering (PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur)
- M.Tech Mechanical Engineering (PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur)
- **B.Tech** Mechanical Engineering (Uttar Pradesh Technical University, Lucknow)

#### Dr. Y.Ravi Kumar, Associate Professor, NIT, Warangal



Designation: Associate Professor, Mechanical Engineering, NIT, Warangal

#### Education

- B.Tech Degree in Mechanical Engineering from JNTU, Kakinada
- M.E in Computer Integrated Manufacturing (CIM) from PSG College of Technology, Coimbatore
- Ph.D in Mechanical Engineering from Osmania University, Hyderabad
- Post-doctorial research in 3D Printing at Milwaukee School of Engineering, USA

#### Dr. S.Senthil, Principal I/C, KCET, Madurai



Designation: Principal I/C, KCET, Madurai

- BE Mechanical Engineering from A.K College of Engineering
- M.E in Industrial Engineering, Thiagarajar College of Engineering Madurai.
- Ph.D in Mechanical Engineering, NIT, Calicut

Dr. NC Shivaprakash, Retired Faculty, IISC, Bangalore



Designation: Retired Faculty, IISC, Bangalore

#### Education

- B.Sc, Mysore University
- M.Sc, Mysore University
- Ph.D, Mysore University

#### Mr.Piyush D Ukey ,Co founder/ Designer, NuossaMediquipPvt Ltd



Designation: Co founder/ Designer, NuossaMediquipPvt Ltd

#### Education

- Diploma in Mechanical Engineering Anjuman Polytechnic Nagpur
- BE in Mechanical Engineering, Priyadarshini College of Engineering Nagpur
- ME in CAD/CAM, IIIT Design and Manufacturing, Jabalpur

#### Dr. FalguniPati, Associate Professor, Biomedical Engineering, IIT, Kharagpur



Designation: Associate Professor, Biomedical Engineering, IIT, Kharagpur

- ME in Biomedical Engineering, Jadavpur University
- Ph.D, IIT Kharagpur
- Post doctoral Fellowship in Pohang University of Science and Technology, Korea.

#### Mr.R.SakthivelMurugan, Assistant Professor, KCET, Madurai



Designation: Assistant Professor, Mechanical Engineering, KCET, Madurai

#### Education

- BE Park College of Engineering and Technology
- ME- MEPCO Schlenk Engineering college
- Doing PhD in NIT Trichy

#### Mr.B.Pradeep, Application Engineer, Integrated Microsystems, Haryana



Designation: Application Engineer, Integrated Microsystems, Haryana

#### Education

• BE – Mechanical Engineering, Guru Jambheshwar University

#### Work Experience

• 2 years as application Engineer, Integrated Microsystems, Haryana

#### Dr.K.SenthilKumaran, Associate Professor, IIITDM, Kancheepuram



Designation: Assistant Professor, IITDM, Kancheepuram

- BE Mechanical Engineering, University of Madras
- ME- Production Engineering, Anna University Chennai
- Ph.D- Additive Manufacturing, IIT Delhi

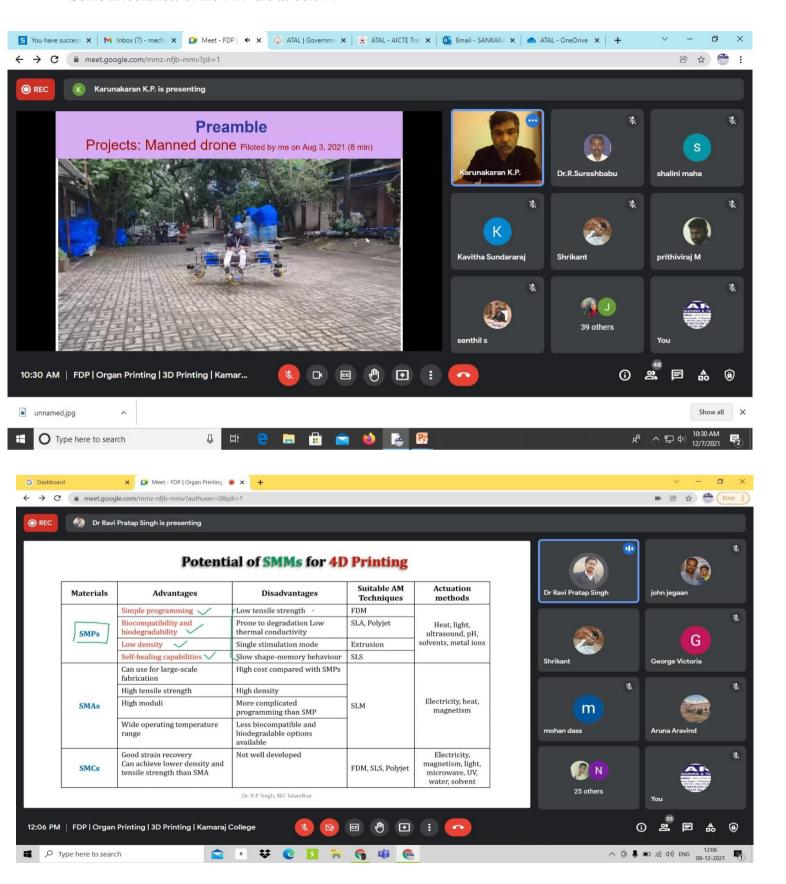
#### SCHEDULE OF THE FDP

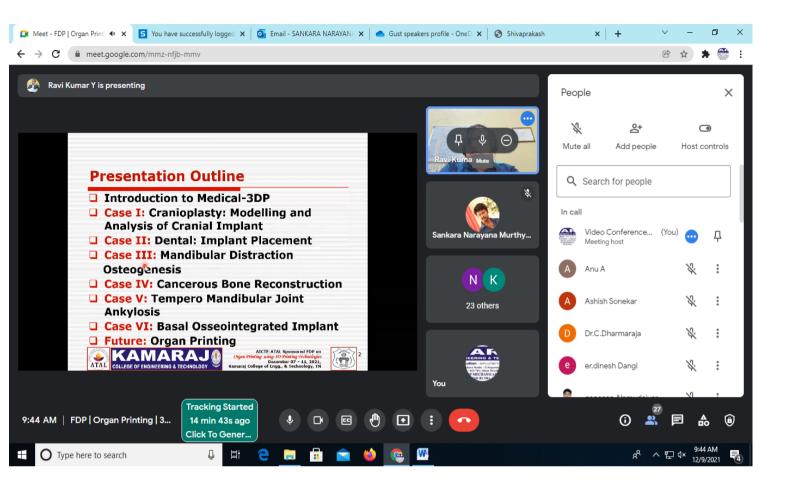
	9:45-11:15	11:30-01.00	1.00-2.00	2:00-3:30
	Session-1	Session-2		Session-3
7 <sup>th</sup> Dec 2021	3-D A Disruptive Technology of this ERA- Dr. K.P.Karunakaran	3D Printing in Medical Applications- Er. E. Sreedhar Kumar	Lunch	Live Demor- 3 D Printing Er.SubhamMurari
	9.30-11.00	11:30-01.00	1.00-2.00	2:00-3:30
	Session-4	Session-5		Session-6
8 <sup>th</sup> Dec 2021	3d Printing for tissue re construction in veterinary applications- Dr.Rupinder Singh	Evolution in Bio printing with 4D printing: Opportunities and Challenges- Dr. Ravi Pratap Singh	Lunch	Polymer Composite Processing for filament based 3D Printing process- Dr.Narendra Kumar
	Session-7	Session-8		Session-9
9 <sup>th</sup> Dec 2021	3D printing in complex oral and maxillofacial surgeries-Dr.Y.Ravikumar	Application of Additive Manufacturing- Dr.S.Senthil	Lunch	National Educational Policy- Dr. N.C. Shivaprakash
	Session-10	Session-11		Session-12
10 <sup>th</sup> Dec 2021	Healthcare opportunities in 3D printing technologies – Mr. PiyushUkey	Application of 3D Bio Printing- Dr. FalguniPati	Lunch	Bioprinting Process and its Challenges- Mr. Sakthivelmurugan
	9.30-11.00		2.00-3.30	3.30-4.00
	Session-13		Session-14	
11 <sup>th</sup> Dec 2021	3D Image Processing, Model Generation, CAD, CAE and 3D Printing Preparation	Lunch	Applications of Additive Manufacturing- Dr.K. SenthilKumaran	Valedictory

The inauguration was held on 07<sup>th</sup> December 2021 online at 9.30 AM. Chief guest was Dr.K.P.Karunakaran, Professor from IIT Bombay was present. Welcome address was given by Dr.S.Senthil Principal, Kamaraj College of Engineering and Technology. Felicitation to the participants and guest speaker was done by Dr.R.Suresh Babu, Dean Academics, Kamaraj college of Engineering and Technology. Introduction to the chief was given by Dr.P.Narayanasamy, Assistant Professor. Also, Directors of different academies were also present with the participants.

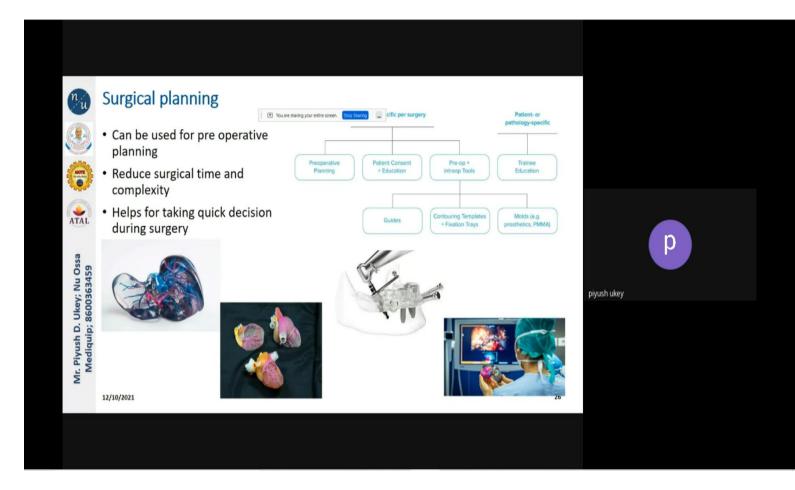
Principal Dr.S.Senthil addressed the participants about online FDP and various initiatives by ATAL Academy. He also thanked the college management for their support and welcomed all the participants from various institutions.

Some screenshots of the FDP are as below.









#### The list of participants was:-

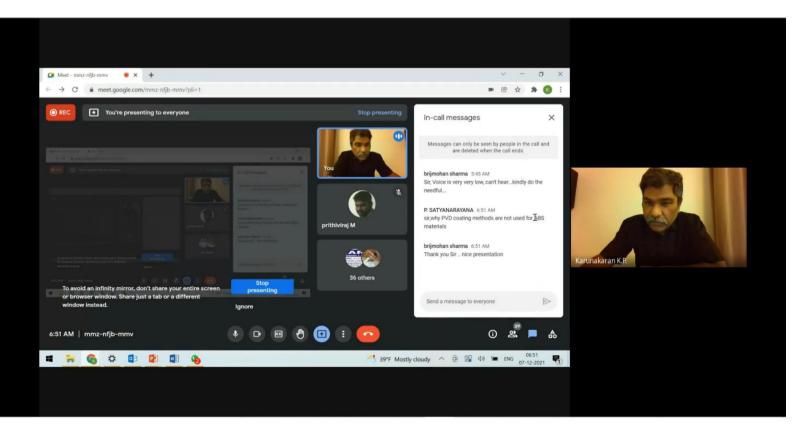
S.No	Name	Institute Name	Phone	Email
1	Mr. DubalSumitVasantrao	Symbiosis Skills and Professional University Pune	9730856338	sdubal1585@gmail.com
2	Dr. Shri Kant	Poornima University	7611016103	shrikant@poornima.edu.in
3	Dr. Payel Deb	ICFAI University Tripura	8731813434	payeldeb@iutripura.edu.in
4	Mr. Kapil Kumar	Madan Mohan Malviya University of Technology Gorakhpur	7838328463	kapiljssaten@gmail.com
5	Dr. S.Sudhagar	Anna university, University college of Engineering Dindigul	7904473358	ssudhagar6@gmail.com
6	Mr. Dharmaraja C	Anna University University College Of Engineering Dindigul	9789231122	dharmaraja212000@gmail.
7	Mr. Jishnu T	PSG College of Technology	9495240377	jishnut@ymail.com
8	Dr. Rajashree .P	CAS in Crystallography & Biophysics, University of Madras	9176702164	drprajashree@gmail.com
9	Miss kolugurirushmamanis	srecwarangal	7680885803	rushmamanisha104@gmail .com

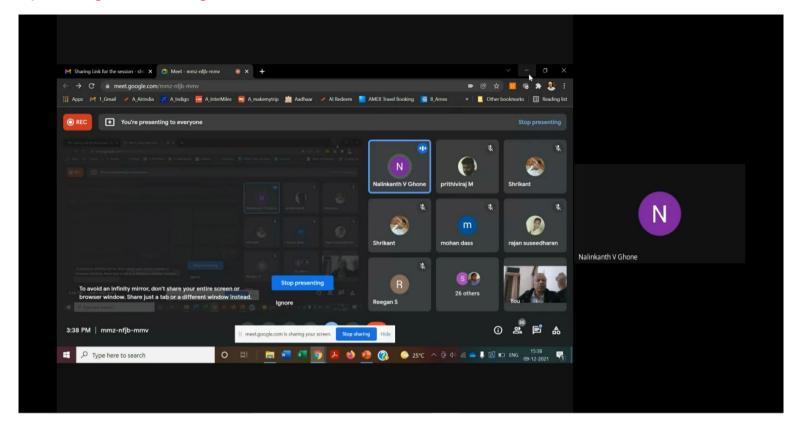
printi	ha	to make self - reliant i	ndia	
10	Mr. Pradeep K	Chennai Institute Of Technology	9003659620	pradeep.bme89@gmail.co m
11	Mr. Sivaraj C	Builders Engineering College	9442437616	sivarajpg@gmail.com
12	Mr. Pratheesh Kumar S	PSG College of Technology	9489227914	spratheeshkumarth@gmail.
13	Mr. Hemanandan P	Madanapalle Institute of Technology and Science	9486947435	nandhapugaz@gmail.com
14	Dr. Saravanan B	VSVN Polytechnic College	9080326554	saravanan@vsvnpolytechni c.in
15	Mr. Sivamurugan K	VSVN Polytechnic College	9442059320	sivamurugannaveen@gmai l.com
16	Mr. Jegan.A	VSVN Polytechnic College	9944104890	johnjegaan@gmail.com
17	Dr. Nalinkanth V. Ghone	Sri SivasubramaniyaNadar College of Engineering	8122603376	nalinkanthv@ssn.edu.in
18	Mr. SaurabhChauhan	Rajkiya Engineering College, Kannauj, U.P.	8800302646	saurabhchauhan09@gmail.
19	Mr. AshishRameshwarSon ekar	P. R. PotePatil Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati.	9552877200	ashish.sonekar@gmail.com
20	Mr. Pradeep Kr Barik	Indian Institutte of technology , Hyderabad	8093710709	situtherocker@gmail.com
21	Mr. A karthik Narayanan	Madras Institute of Technology	9790990929	a.karthikvilla@gmail.com
22	Dr. J.Balaji	Erode Senguthar Engineering College	9944937007	jbjayavelbalaji@gmail.com
23	Dr. Dr Lakshmi Priyadarsini S	Govt Victoria College, Palakkad	7907984998	lachusuresh2017@gmail.c om
24	Mr. Pugazh M	ArasanGanesan Polytechnic College, Sivakasi	9486233740	pugazh7175@gmail.com
25	Mr. Karan Khatke	Prestige Institute of Engineering Management and Research, Indore	9179447005	kkhatke@piemr.edu.in
26	Mr. Brij Mohan Sharma	SKIT Jaipur	9571463814	bsharma1984@gmail.com
27	Mr. Sureshkumar I	VSVN Polytechnic College	9443117094	sureshvsvn@gmail.com
28	Mr. ARUN PRAKASH N	Rajalakshmi Engineering College	9789840482	arunprakash.n@rajalakshm i.edu.in
29	Mr. SankaraNarayana Murthy A	Kamaraj College of Engineering and Technology	9442455498	sankarmech@kamarajengg .edu.in
30	Dr. Prithiviraj M	Kamaraj College of Engineering and Technology	9952134072	prithivirajmech@kamaraje ngg.edu.in

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Mr. Deepak Rajan B	Sri Solamalai Polytechnic College	9442900191	deepak.sspcmdu@gmail.co m
Mr. Palani Kumar D	Kamaraj College Of Engineering And Technology	9894114750	palanikumarmech@kamara jengg.edu.in
Dr. S.S.Saravanakumar	Kamaraj College of Engineering and Technology	9943442987	saravanakumarmech@kam arajengg.edu.in
Mr. SUNDARRAJAN D	P.S.R Engineering College	7502876813	sundardeepi5@gmail.com
Mr. T. Ramesh	Kamaraj college of engineering and technology	9443558057	rameshnila1910@gmail.co m
Dr. DeepaMundekkad	VIT, Vellore	9952832250	deepamundekkad@gmail.c om
Mr. Marikkannan M	Arasan Ganesan Polytechnic College	9003955705	marikkannan45@gmail.co m
Mr. M.Mohandass	Coimbatore Institute Of Engineering And Technology	9944635325	mohandassm25@gmail.co m
Miss Aruna A	Kamaraj College of Engineering and Technology	9446114215	20ppe01@kamarajengg.ed u.in
Mr. Jayamohan Das DL	Kamaraj College of Engineering & Tech	8891457079	jayamohandasdl@gmail.co m
Dr. ZahirHasan	NSAKCET Hyderabad	9559535257	zahir.hasan09@gmail.com
Mr. Poornaganti Satyanarayana	VallurupalliNageswaraRaoVign anaJyothi Institute of Engineering &Technology	8019478313	satyapoornaganti@gmail.c om
Mr. Suresh s	K. L. N. College of Engg	9597476972	sureshsakmeena@gmail.co m
Miss Poorani S	VeltechRangarajan Dr. Sagunthala R&D Institute of science and technology	8939209714	pooranipoorani1998@gmai l.com
Miss Sangeetha R	VeltechRangarajan DR. Sagunthala R&D institute of science and technology	7904848656	jayapoora@gmail.com
Mr. Ganesan A	Kamaraj College of Engineering and Technology	7667104087	ganesanmtr@kamarajengg. edu.in
Dr. R B Jeen Robert	AAA College of Engineering and Technoloy	9488081212	jeenrobert@aaacet.ac.in
Mr. Shrikant P Yeole	P R Pote college of engineering and management Amravati	9960759355	mechprpcem05@gmail.co m
Miss Nikhila G	Government Victoria college palakkad	9400447494	anisukhi678@gmail.com
Mrs. Dr.Kr.Kalphana	Mahendra Engineering College	9940704367	kr.kalphana@gmail.com
Mrs. S Shobha Christila	Hindusthan College Of Engineering And Technology	9585182264	christilashobha@gmail.co m
	Mr. Deepak Rajan B Mr. Palani Kumar D Dr. S.S.Saravanakumar Mr. SUNDARRAJAN D Mr. T. Ramesh Dr. DeepaMundekkad Mr. Marikkannan M Mr. M.Mohandass Miss Aruna A Mr. Jayamohan Das DL Dr. ZahirHasan Mr. Poornaganti Satyanarayana Mr. Suresh s Miss Poorani S Miss Sangeetha R Mr. Ganesan A Dr. R B Jeen Robert Mr. Shrikant P Yeole Miss Nikhila G Mrs. Dr.Kr.Kalphana Mrs. S Shobha	Mr. Deepak Rajan B Mr. Palani Kumar D Mr. Palani Kumar D Dr. S.S.Saravanakumar Mr. SUNDARRAJAN D Mr. T. Ramesh Mr. Marikkannan M Mr. Marikkannan M Mr. M. Mohandass Mr. M. Mohandass Mr. Jayamohan Das DL Dr. ZahirHasan Mr. Poornaganti Satyanarayana Mr. Suresh s Mr. Suresh s Mr. Poorani S Mr. Suresh s Mr.	Mr. Palani Kumar D  Mr. Palani Kumar D  Mr. Palani Kumar D  Mr. Palani Kumar D  Dr. S. S. Saravanakumar  Mr. SUNDARRAJAN  D  Mr. T. Ramesh  Mr. T. Ramesh  Mr. T. Ramesh  Mr. Marikkannan M  Arasan Ganesan Polytechnic College  Mr. M. Mohandass  Mr. M. Mohandass  Mr. Jayamohan Das  Dr. ZahirHasan  Mr. Poornaganti Satyanarayana  Mr. Suresh s  K. L. N. College of Eng  Mr. Sagunthala R&D Institute of Secience and technology  Mr. Sagunthala R&D Institute of Secience and technology  Mr. Sagunthala R&D Institute of Secience and technology  Mr. Shrikant P Yeole  Mrs. S Shobha  Mrs. S Shobha  Mrs. S Shobha  Mr. College of Engineering and Technology  Mr. Shrikant P Hoole  Mr. Shrikant P Hoole  Mr. S S Shobha  Mr. Souresh S  Mr. Porragantal Mr. Porragantal Sagundral Ranagering and Technology  Mr. Shrikant P Hoole  Mr. Souresh S  Mr. Pot College of Engineering and Technology  Mr. Shrikant P Hindusthan College of Engineering Secondary and Technology  Mr. Dr. Kr. Kalphana  Mr. Dr. Kr. Kalphana  Mahendra Engineering College  Mr. Sr. Shobha  Mr. Shrikant P Hindusthan College Of  Mr. Shrikant P Hindusthan College Of  Mr. Shrikant P Hindusthan College Of  Mrs. S Shobha

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Mr. Madhan N R	Kamaraj College of Engineering & Technology	9894949848	madhan@live.in
Dr. Gurjeet Singh	IES College of Technology Bhopal	7748974211	gurjeet123singh@gmail.co m
Mr. Dinesh Dangi	Aravali Institute of Technical Studies Udaipur	8829022290	er.ddangi@gmail.com
Dr. Rajesh Kanna S K	Rajalakshmi Institute of Technology	9940301665	rajeshkanna.s.k@ritchennai .edu.in
Mr. Rajan Suseedharan R	Kamaraj College Of Engineering And Technology	9597907610	rrajansekaran@gmail.com
Mr. Kanagavel G	kamaraj college of engineering and technology	9629684045	gkvelvnr@gmail.com
Miss Nivetha M	Kamaraj College of Engineering and Technology	8190085044	nivetha13be@gmail.com
Dr. Lalitranakoti	Graphic era university	8265995697	lalit_9000@yahoo.com
Mr. Pavan Kumar Singhal	AvadhootBhgavan Ram PG College	9714236321	Singhal.pavan@gmail.com
Mr. SaiAnirudh R	Kamaraj College of engineering engineering and technology	9360079581	saianirudh37@gmail.com
Miss Bresshi G	Kamaraj College of Engineering & Technology	9487737472	victoria26121998@gmail.c om
Mr. Ganesh JagannathPagar	Snjb's Shhjb Polytechnic, Chandwad	7522912939	ganeshsrk25@gmail.com
Mr. Vinoth Kumar K	rmk college of engineering and technology	9566685757	Skvinothpec@gmail.com
	Mr. Madhan N R  Dr. Gurjeet Singh  Mr. Dinesh Dangi  Dr. Rajesh Kanna S K  Mr. Rajan Suseedharan R  Mr. Kanagavel G  Miss Nivetha M  Dr. Lalitranakoti  Mr. Pavan Kumar Singhal  Mr. SaiAnirudh R  Miss Bresshi G  Mr. Ganesh JagannathPagar	Mr. Madhan N R  Kamaraj College of Engineering & Technology  Dr. Gurjeet Singh  Mr. Dinesh Dangi  Dr. Rajesh Kanna S K  Mr. Rajan Suseedharan R  Mr. Kanagavel G  Miss Nivetha M  Dr. Lalitranakoti  Mr. Pavan Kumar Singhal  Mr. SaiAnirudh R  Mr. SaiAnirudh R  Mr. Sanash JagannathPagar  Mr. Ganesh Jagannath Kumar K  Mr. Gurjeet Singh  Kamaraj College of Technology  Rajalakshmi Institute of Technology  Kamaraj College of Engineering and Technology  Kamaraj College of Engineering and Technology  Kamaraj College of engineering engineering and technology  Kamaraj College of Engineering & Technology  Mr. Ganesh JagannathPagar  Mr. Vinoth Kumar K  Mr. Vinoth Kumar K  Mr. Vinoth Kumar K  Mr. College of engineering and rmk college of engineering and rm	Mr. Madhan N R  Kamaraj College of Engineering & Technology  Dr. Gurjeet Singh  Mr. Dinesh Dangi  Dr. Rajesh Kanna S K  Rajalakshmi Institute of Technical Studies Udaipur  Dr. Rajesh Kanna S K  Mr. Rajan Suseedharan R  Mr. Kanagavel G  Mr. Kanagavel G  Miss Nivetha M  Dr. Lalitranakoti  Dr. Lalitranakoti  Mr. Pavan Kumar Singhal  Mr. SaiAnirudh R  Miss Bresshi G  Mr. Ganesh JagannathPagar  Mr. Vinoth Kumar K  Kamaraj College of Engineering and Technology  8829022290  9940301665  9940301665  9940301665  99597907610  90629684045  90629684045  90629684045  90714236321  90714236321  90714236321  90714236321

Some Interactions Screen shots of the participants are below:





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, content and hands on.