



REPORT ON

Five Days AICTE Training And Learning (ATAL) Online Faculty Development Programme on

"Lean Manufacturing in Industry 4.0 Scenario"

AICTE File No.(Sanction letter file No.) : 2-23/AICTE/ATAL-HQ/2021-22/2107 dt 29th December, 2021.

ATAL FDP Application No.: 1614247559



24th – 28th JANUARY 2022

Dr.M.Karthikeyan, Professor **Co-ordinator**

Department of Mechanical Engineering RajaRajeswari College of Engineering #14, Ramohalli cross, Kumbalagodu, Mysore road, Bengaluru - 560 074 **Karnataka**



• AICTE Training And Learning (ATAL) Online Faculty Development Programme on "Lean Manufacturing in Industry 4.0 Scenario" conducted from 24th to 28th January 2022. Around 107 participants from different parts of the country participated.

The speakers for the 5- days ATAL Online FDP's on "Lean Manufacturing in Industry 4.0 Scenario" conducted from 24th to 28th January 2022 were





Dr.S.R.Devadasan, Professor Department of Production Engineering, PSG College of Technology, Coimbatore. He has obtained a Doctor of Science. He has 30 years of teaching and research experience. He has published 130+ research papers in reputed international journals.

He has guided 20 research scholars to obtain a Ph.D.

Dr.A.Murugarajan, Professor and Head of Department of Robotics and Automation at Sri Ramakrishna Engineering College, Coimbatore. He has 19 years of academic and 5 years of research experience. He has published twenty-four research papers in reputed International Journals and Conferences.



Dr.V.M.M.Thilak, Associate Professor, Nehru Institute of Engineering and Technology, Coimbatore. He has 7 years of teaching experience. He has published 18+ research papers in a reputed international journal.







Dr.S.Vinodh, Associate Professor, Department of Production Engineering., NIT-Trichy. His areas of Interest are Agile manufacturing, Industry 4.0, lean production, smart manufacturing, etc. He has 13 years of teaching experience. He has published 100+ research papers in reputed international journals. He has obtained Various grants from DST, CSIR, SERB, etc

Dr. Raju B S, Professor and Special Officer (Evaluation), Department of Mechanical Engineering, REVA University, Bengaluru. He has 20 years of teaching experience. He has published more than 30+ research papers in reputed international journals. He has received research funding from GTRE(DRDO), VTU, VGST & the Institute of Engineers.

Engr. Subbiah Ranganathan (Shortly Engr.S.R.Nathan) is having 34 Years in both industrial and 2nd & 3rd Party Auditing. He has served in various Mfg. Plants related to 50 types of Auto Components, Tool Room, Sheet Metal Components, Plastic components, Automotive OEM, and 250 types of chemical products. He has performed 2nd and 3rd Party Audits in more than 1100 types of organization in ISO 9001, ISO 14001, ISO 45001, ISO 13485, ISO 50001, ISO 55001, ISO 27001, ISO 22301, ISO 20000-1, MDD/93/42/EEC & Schedule D & Q for Saudi Aramco Contractor Assessment.



Mr. Rajeev Nambiar is an engineer by education and holds a Masters's Degree in Yoga. A Media and PR professional with a history of achieving strategic business goals and enhancing system functionality with a focus on Team-building, Communications, emerging technologies, and Digital trends. Currently Director: Institutional Programs and Teachers, The Art of Living.





Dr. V.R. Pramod is working as a Professor in the Mechanical Engineering Department of NSS College of Engineering, Palakkad, India. He is specialized in Maintenance Engineering and Management. He did his PG and Ph.D. in Supply Chain Management in IIT Delhi. He produced 7 Ph. Ds. He has seven years of industrial experience and twenty-one years of teaching experience. He has published over 100+ research papers in reputed international journals. His current areas of research interest include Maintenance quality, Supply chain management, Telecom logistics, and Service management. He is specialized in maintenance management, supply chain management, and JIT.

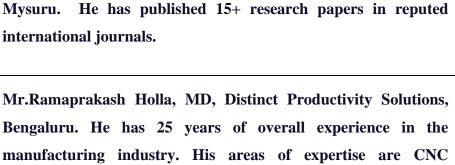
Dr. Nagaraja Jade, Senior CAE Engineer, SBD- NVH, Whirlpool of India, Pune. He has 15 years of experience in teaching and industry. He is specialized in Mechanical and Aerospace Engineering.

journals.



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Dr. N. M. Sivaram, Assistant Professor, Department of

Mechanical Engineering., NIT-Puducherry. His areas of Interest

are Production Engineering, Industrial Safety Engineering. He

has published 12+ research papers in reputed international

Dr. Mahesh. V.M, Assistant Professor Department of Mechanical

Engineering Sri Jayachamarajendra College of Engineering,

Bengaluru. He has 25 years of overall experience in the manufacturing industry. His areas of expertise are CNC machines, Jigs & Fixtures, Robotics & Automation, Toyota Production System, and Lean Manufacturing. Being a founder and Managing Director of Distinct Productivity Solutions, since September 2004, he is engaged in setting up an ISO9001:2008 & ISO 14000 Certified manufacturing organization which is engaged in the manufacturing of precision components for Rexroth Bosch, Endries International Inc, USA, Bitzer Corporation Canada, Pramac SRL, Italy, etc.



Dr. Pramodkumar S K, Associate Professor, Department of Mechanical Engineering, REVA University, Bengaluru. He has 5 years of experience in teaching and 5 years in research. He has published 25+ research papers in reputed international journals.

<u>Programme Schedule of ATAL Online FDP's on "Lean Manufacturing in Industry 4.0 Scenario"</u> <u>conducted from 24th to 28th January 2022</u>

Day and Date	Session-1 9.00 a.m. to 11.00 a.m.		Session-2 11.15 a.m. to 1.15 p.m		Session-3 2.00 p.m. to 4.00 p.m
Day 1 Monday, 24 th Jan 2022	Inauguration and Fundamentals of Lean Manufacturing by Dr.S.R.Devadasan Professor, PSGCT, Coimbatore.		Lean Deployment in Industry Requirements by Dr.A.Murugarajan Professor, SREC, Coimbatore.		Lean Manufacturing through Total Productive Maintenance (TPM) by Dr.N.M.Sivaram Assistant Professor, NIT-Karaikal.
Day 2 Tuesday, 25 th Jan 2022	Lean Tool Implementation by Dr.S.Vinoth Associate Professor, NIT-Tiruchi.	Break 11.00 a.m.	Smart Manufacturing -Industry 4.0 by Dr. Raju B S Professor and Special Officer- Evaluation REVA University, Bengaluru.	Lunch Break 1.15 p.m.	Case study on Lean Manufacturing by Engr. Subbiah Ranganathan (Shortly Engr.S.R.Nathan), Director, Azure Management Consultancy FZ LLC, UAE.
Day 3 Wednesday, 26 th Jan 2022	Lean Manufacturing- Industry 4.0 by Dr.S.Vinoth Associate Professor, NIT-Tiruchi.	to 11.15 am	JIT and Kaizen in Lean Manufacturing by Dr.V.R.Pramod, Associate Professor, NSSCE, Palakkad.	to 2.00 p.m	Stress Management by Mr. Rajeev Nambiar, Art of Living, Bengaluru.
Day 4 Thursday, 27 th Jan 2022	AI for Manufacturing by Dr Pramodkumar S K, Associate Professor, REVA University, Bengaluru.		Industry 4.0 through Agile Manufacturing by Dr.V.M.M.Thilak Associate Professor, NIET, Coimbatore		Smart Manufacturing by Dr.Mahesh.V.M Assistant Professor, SJCE, Mysuru.
Day 5 Friday, 28 th Jan 2022	Smart Sensors for Industry 4.0 / Digital Manufacturing by Dr.A.Murugarajan, Professor, SREC, Coimbatore		Industry 4.0 by Mr.Ramaprakash Holla, Managing Director, Distinct Productivity Solutions, Bengaluru. and Applications of Lean Manufacturing in industries by Dr. Nagaraja Jade, Senior CAE Engineer, SBD- NVH, Whirlpool of India, Pune.		Valedictory function, Feed back session and Assessment Test.

The AICTE Training and Learning (ATAL) Academy online mode of FDPs are commenced on 24th Jan 2022 is inaugurated by the Prof.S.G.Dhande, Former Director IIT Kanpur & Padmashri Awardee, be the Chief Guest for the 'Inaugural Ceremony' of ATAL FDPs on 24th January 2022 from 11:00 a.m. to 11.30 a.m (IST).

Prof. Anil D. Sahasrabudhe, Chairman, AICTE will be the Guest of Honour for the event.

Being a distinguished academic leader, Prof.S.G.Dhande has shared his expertise and views on evolving trends, disruptive technologies, changing job scenarios, academia-industry linkage, and translating research into impactful applications to the participants.



Invitation of the Inaugural Ceremony of 08 ATAL FDPSs starting from 24th January 2022.



Prof. Anil D. Sahasrabudhe, Chairman, AICTE addressed the coordinators and the participants



Prof.S.G.Dhande, Former Director IIT Kanpur & Padmashri Awardee inaugurate the ATAL Online FDP and addressed the coordinators and the participants

List of participants attended the ATAL Online FDP on Lean Manufacturing in Industry 4.0

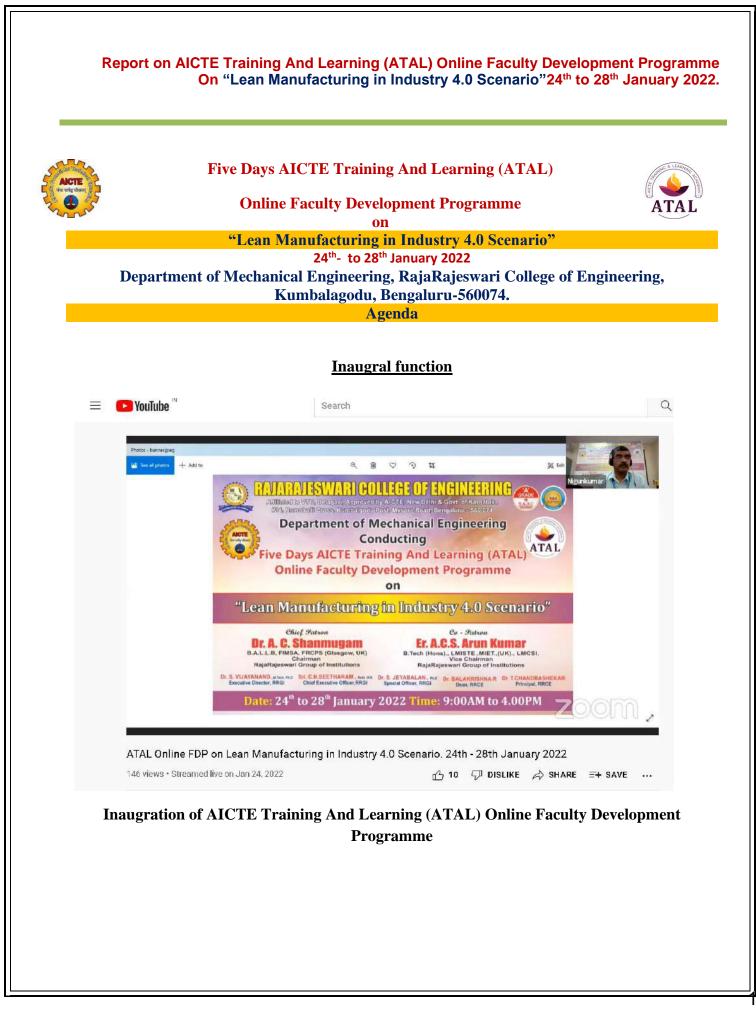
		<u>scenario</u>			
SI. No	Name as per the registration in the AICTE ATAL portal	Designation	Name of the college		
1	S Sivakumaravel	Assistant Professor	Kamaraj College Of Engineering Ar Technology		
2	A Jhoncy	Assistant Professor	Bharath Institute Of Higher Education And Research		
3	Abhishek Tripathi	Research Scholar	Mnnit Allahabad		
4	Ambrish Singh	Assistant Professor	Allenhouse Institute Of Technology, Kanpur		
5	Anbarasu P	Assistant Professor	Sri Sai Ram Engineering College		
6	Anita Behra	Research Scholar	Tripura University		
7	Arumugam K	Assistant Professor	Srm Valliammai Engineering College		
8	Arunraj.A	Assistant Professor	M.Kumarasamy College Of Engineering		
9	Barkha Gupta	Associate Professor	Modi Institute Of Technology, Kota, Rajasthan		
10	Bharti Yadav	Assistant Professor	Allenhouse Institute Of Technology , Rooma		
11	Bhuvaneswari s	Assistant Professor	Easwari Engneering College		
12	C Kumaran	Assistant Professor	C Abdul Hakeem College Of Engineering And Technology		
13	Dhiyaneswaran J	Assistant Professor	Sri Krishna College Of Engineering And Technology		
14	Dr Fauzia Siddiqui	Professor	Jecrc Foundation Jaipur		
15	Dr M Karthikeyan	Professor	Rajarajeswari College Of Engineering		
16	Dr Rishi JP	Associate Professor	Vidyavardhaka College Of Engineering Mysuru		
17	Dr Rohit Sharma	Assistant Professor	Amity University Uttar Pardesh Noida		
18	Dr Umang Soni	Assistant Professor	Nsut, New Delhi		
19	Dr. D Arun Kumar	Associate Professor	Bharath Institute Of Higher Education And Research		
20	Dr. Dibyajyoti Ghosh	Assistant Professor	Vellore Institute Of Technology, Vellore		

21	Dr. N. Manikandan	Associate Professor	P.S.R. Engineering College, Sivakasi	
22	Dr. Rajesh Gurani	Assistant Professor	Bharat Ratna Indira Gandhi Collage Of Engineering, Solapur	
23	Dr. Sharyn Prabhakar	Assistant	Usha Pravin Gandhi College Of Arts,	
-0	Bangera	Professor	Science And Commerce	
24	Dr. Vishwanath K C	Associate Professor	Rajarajeswari College Of Engineering	
25	Dr.A.Balamurugan	Professor	Bharath Institute Of Higher Education And Research	
26	Dr.J.Selvakumar	Professor	V.S.B.Engineering College	
27	Dr.K.Ravi Kumar	Professor	Kpr Institute Of Engineering And Technology	
28	Dr.M.Arasu	Hod	Psg Polytechnic College	
29	Dr.M.Thilak	Associate Professor	Srm Trp Engineering College, Trichy, Tamilnadu	
30	Dr.Namrata gupta	Assistant Professor	Mits Gwalior	
31	Dr.P.Gopinath	Hod/Asp	K S R Institute For Engineering And Technology	
32	Dr.P.K.Chidambaram	Professor	New Prince Shri Bhavani College Of Engineering And Technology	
33	Dr.R.Manivannan	Professor	Avs Engineering College	
34	Dr.Raghavendran C R	Assistant Professor	Easwari Engineering College	
35	Dr.S.M.Udaya Krithika	Assistant Professor	Sona College Of Technology	
36	Dr.S.Umamaheswari	Assistant Professor	Sathyabama Institute Of Science And Technology	
37	Dr.Sankar Ganesh R	Assistant Professor	M.Kumarasamy College Of Engineering	
38	Dr.Satheesha V	Associate Professor	Rajarajeswari College Of Engineering	
39	Dr.V.Muthuraman	Professor	Vistas, Chennai	
40	Durairaj M	Asso. Professor	Peri Institute Of Technology	
41	G Eswar Balachandar	Assistant Professor	Annamacharya Institute Of Technology And Sciences, Rajampeta	
42	G. Mahalakshmi	Lecturer	P.A.C. Ramasamy Raja Polytechnic College, Rajapalayam	
43	Gokula Krishnan S	Senior Lecture	Nandha Polytechnic College	

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44	Harish Kumar	Assistant	Academy Of Maritime Education And
44	Jegannathan	Professor	Training (Amet), Deemed To Be A University
			Rajiv Gandhi Government
		Assistant	Engineering College Kangra At
45	Harish Kumar Nirala	Professor	Nagrota Bagwan, Distt. Kangra,
		110105501	Himachal Pradesh
		Assistant	
46	Harmanpreet Kaur	Professor	Chandigarh University
		Assistant	Maharishi Markandeshwar Deemed
47	Iti Dikshit	Professor	To Be University
10		Assistant	
48	Jeevarathinam A	Professor	Hindusthan Institute Of Technology
40	V GM H	Assistant	
49	K S Madhu	Professor	Rajarajeswari College Of Engineering
50	V Mari	Assistant	Same Callere Of Tasker also
50	K.Mani	Professor	Sona College Of Technology
51	K Vignoch	Assistant	Bharath Institute Of Higher
51	K.Vignesh	Professor	Education And Research
52	Kadam Priyanka Valu	Lecturer	Guru Gobind Singh Polytechnic,
34	Kauain I Hyanka Valu		Nashik
53	Kanagaraj C	Assistant	P.S.R. Engineering College, Sivakasi
	isunugur uj C	Professor	Tion Digite Chiege, Divakasi
54	Karthick A	Assistant	Arifa Institute Of Technology
		Professor	
55	M Sivasankaran	Assistant	Dhirajlal Gandhi College Of
		Professor	Technology
56	M.Balakumar	Assistant	Sri Venkateswara College Of
		Professor	Engineering
57	Mahesh Khadwal	Hod	Ct Group Of Institutions
50	Malini Tu	Associate	Malinianaaniyaa@Cmail Com
58	Malini Tn	Professor	Malinisreenivas@Gmail.Com
59	Mangesh Manohar Sanap	Assistant	Indira School Of Business Studies,
39	Mangesh Manonar Sanap	Professor	Pune
60	Manikandan A	Professor	Lord Jegannath College Of
00		110103501	Engineering And Technology
61	Manoj Kumar	Assistant	Hindusthan Institute Of Technology
UI .	Shanmugam	Professor	
62	Mathan J	Assistant	K S R Institute For Engineering And
		Professor	Technology
63	Mr Amit	Assistant	Mit Aurangabad
		Manager	
64	Mr G Kirubakaran	Assistant	Sri Venkateswara College Of
		Professor	Engineering

65	N.Ramasubbu	Assistant	Government College Of Engineering	
03	N.Kamasubbu	Professor	Srirangam	
66	Nandakumar V	Lecturer	Indira Gandhi Polytechnic College, Mahe	
67	Neeraj Sharma	Associate Professor	Maharishi Markandeshwar (Deemed To Be University), Mullana	
68	Nirmaladevi.S	Ар	Sengunthar Engineering College	
69	Nithya N	Assistant Professor	Srm Valliammai Engineering College	
70	Nomita Dey	Assistant Professor	Chandigarh University	
71	P Satyanarayana Raju	Assistant Professor	Vardhaman College Of Engineering	
72	P. Ravikumar	Lecturer	Excel Polytechnic College	
73	P.Mageswari	Assistant Professor	Prathyusha Engineering College	
74	Patil Nivrutti Vishram	Assistant Professor	Kk Wagh Institute Of Engineering Education And Research	
75	Pratik Joshi	Assistant Professor	Mit-Adt University Pune	
76	R Karthick	Assistant Professor	Prathyusha Engineering College	
77	R. Muraliraja	Associate Professor	Vistas	
78	Radhakrishna R Kumshikar	Assistant Professor	Rajarajeswari College Of Engineering	
79	Rangarajan R V	Assistant Professor	Hindusthan Institute Of Technology	
80	Roshan Ramesh Rathod	Assistant Professor	Wainganga College Of Engineerin And Management Nagpur	
81	S R Rajabalayanan	Professor@Head	Hindustan Institute Of Technology	
82	S.Arunkumar	Assistant Professor	Istas	
83	Sameem Suha M	Assistant Professor	Thamirabharani Engineering College	
84	Saravanan R	Assistant Professor	Kit-Kalaignar Karunanidhi Institute Of Technology	
85	Sathyaprakash Anekallu	Asst.Professor	Sit Mangaluru	
86	Selvarasu A	Assistant Professor	V.S.B Engineering College	
87	Selvendran R	Associate Professor	Hindusthan Institute Of Technology	

		Assistant			
88 Shaman Gupta		Professor	Mmdu		
		Assistant	Bharati Vidyapeeth College Of		
89	Shital V. Patel	Professor	Engineering		
		Assistant	Rajarajeswari College Of		
90	Shivalingaiah K	Professor	Engineering, Bengaluru		
0.4		Assistant	V.S.B. Engineering College, Karur,		
91	Shriram.L	Professor	Tamilnadu		
00		Assistant	Shri Guru Nanak Girls Degree		
92	Sneha Bharti	Professor	College,Lucknow		
02	Same Deinamba D	Assistant			
93	Sony Priyanka D	Professor	Srm Valliammai Engineering College		
94	Sourcedoor Volor	Research	Indian Institute Of Technology		
94	Souradeep Koley	Scholar	Roorkee		
95	Sridevi.O.A	Assistant	Kornogom Institute Of Technology		
95	Sridevi.O.A	Professor	Karpagam Institute Of Technology		
	Tamil Selvam N	Assistant	Veltech Rangarajan Dr.Sagunthala		
96		Professor	R&D Institute Of Science And		
		Professor	Technology		
97	Thanuj Kumar M	Associate	Rajarajeswari College Of Engineering		
91	Thanuj Kumar Wi	Professor	Kajarajeswari College OI Engineering		
	Thirugnanasambanthan N	Assistant	C. Abdul Hakeem College Of		
98]		Professor	Engineering And Technology,		
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99	9 Vasanthakumar R	Assistant	K S R Institute For Engineering And		
3 3	v asantilakullar K	Professor	Technology		
100	100 Veeresh Tripathi	Assistant	School Of Management Sciences,		
100	veeresii Tripatiii	Professor	Varanasi		
101	Venkateshwaran R	Lecture	Excel Polytechnic College		
100	X700 1 X	Assistant	Sri Sai Ranganathan Engineering		
102	Vijaykumar Ns	Professor	College Coimbatore		
102	N Sreenivasalu Reddy	Associate			
103		Professor	Rajarajeswari College Of Engineering		
40.1			Sri Ramachandra Institute Of Higher		
104	M Revathy	Asst. Prof.	Education And Research		
105	America ID and	A and D a f	Delhi Skill And Entrepreneurship		
105	Aman.J.Borkar	Asst. Prof.	University		
107		Assistant	Vels Institute Of Science Technology		
106	Vinod Kumar T	Professor	And Advanced Studies		
			Bharath Institute Of Higher		
107	D K Sowmiya Lakshmi	Asst. Prof.			





Inaugral Address by Dr.T.Chandrashekar, Principal, RajaRajeswari College of Engineering



Lighting the lamp by Dr.N.Sreenivasalu Reddy, Associate Professor, Department of Mechanical Engineering



Lighting the lamp by Prof. K.S. Madhu, Assistant Professor, Department of Mechanical Engineering



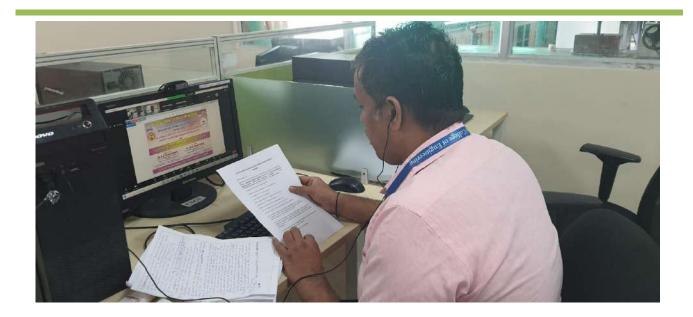
Lighting the lamp by Dr.M.Karthikeyan, Professor, Department of Mechanical Engineering and Co ordinator of the ATAL Online FDP



Lighting the lamp by Prof. K.S. Madhu, Assistant Professor, Department of Mechanical Engineering



Inaugrated by Dr.R.Balakrishna, Dean, RajaRajeswari College of Engineering



Welcome address by Dr.C.Ramesh, HOD-MECH, Department of Mechanical Engineering, RajaRajeswari College of Engineering



Dr.Satheesha. V. , Associate Professor, Department of Mechanical Engineering compairing the ATAL Online FDP



Mr.G. Sathishkumar, Foreman, Department of Mechanical Engineering, RajaRajeswari College of Engineering supported to conduct the ATAL Online Faculty Development Programme.



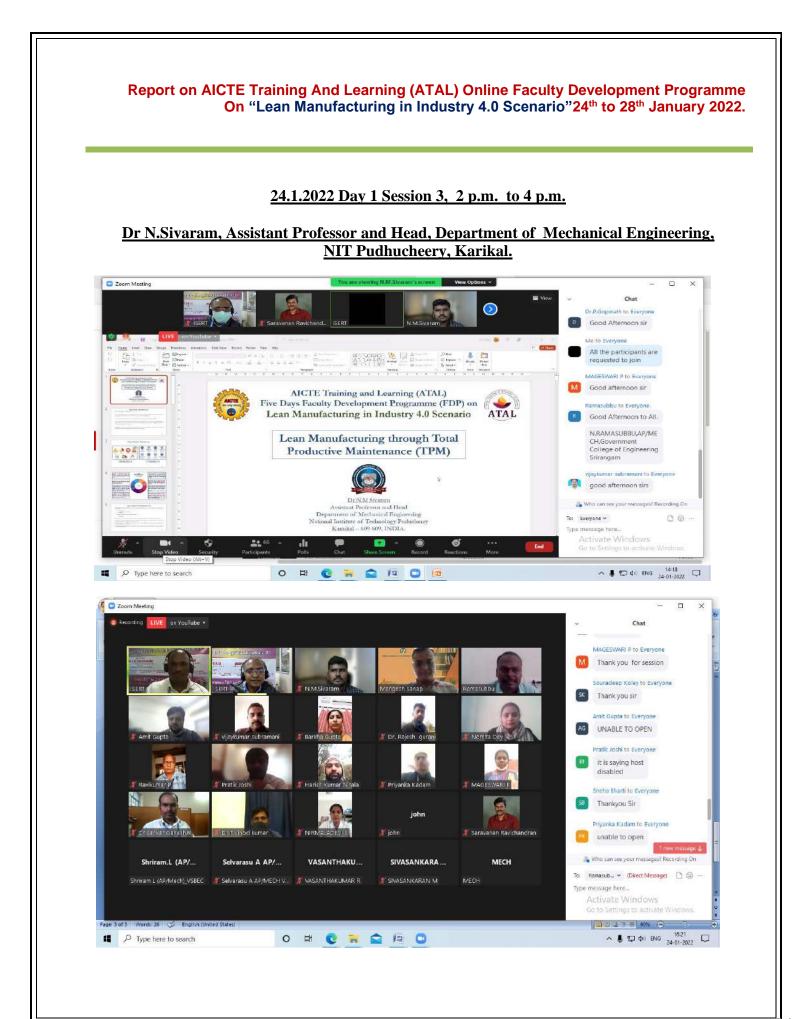
Dr.Satheesha, Associate Professor, Department of Mechanical Engineering, RajaRajeswari College of Engineering supported to conduct the ATAL Online Faculty Development Programme

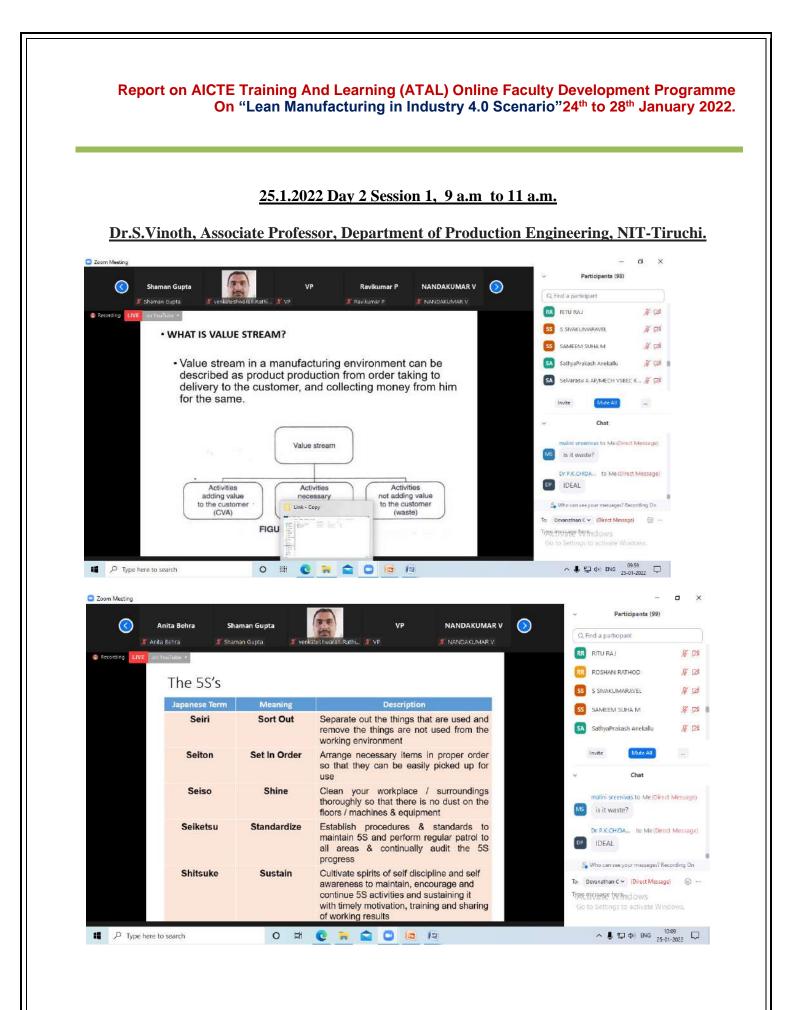
24.1.2022 Day 1 Session 1- 9 a.m. to 11 a.m

Dr.S.R.Devadasan, Professor, Department of Production Engineering, PSGCT, Coimbatore.



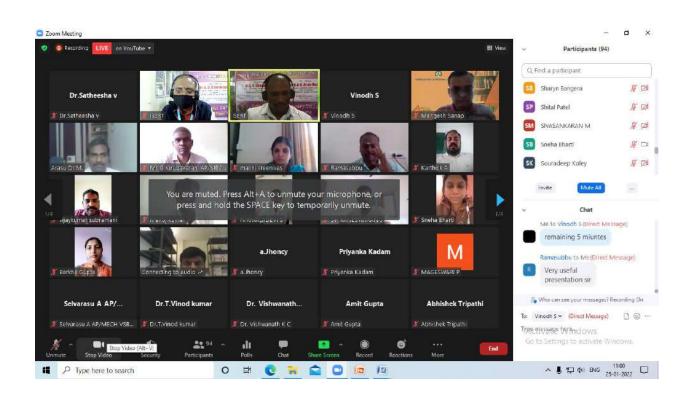






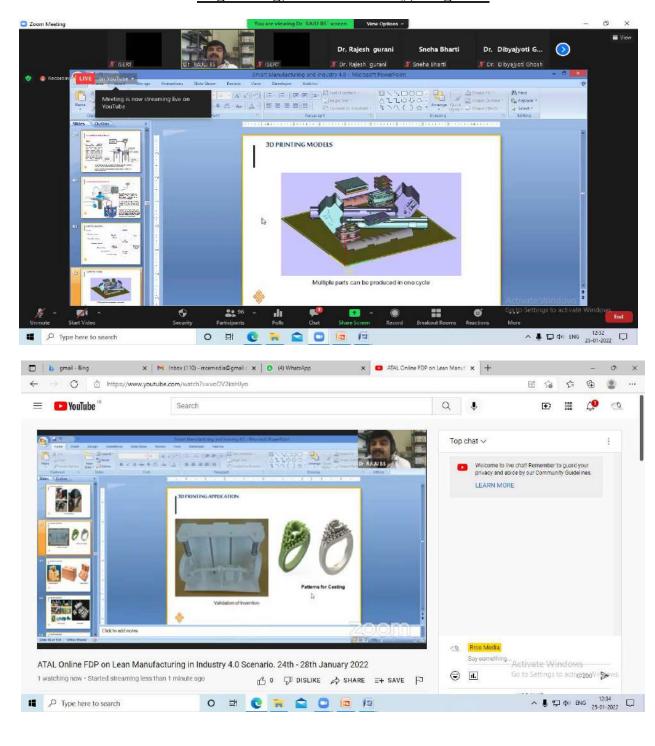
Report on AICTE Training And Learning (ATAL) Online Faculty Development Programme On "Lean Manufacturing in Industry 4.0 Scenario" 24th to 28th January 2022. C Zoom Meeting X Participants (100) VP NANDAKUMAR V \bigcirc \bigcirc Anita Behra Shaman Gupta Q, Find a participant 🖉 Anita Behra 🕷 NANDAKUMAR V NO. RR RITU RAJ 1/ 124 Recording LIVE ROSHAN RATHOD N 124 Set In Order SS SIVAKUMARAVEL N 120 SAMEEM SUHA M N 126 5A SathyaPrakash Anekallu # 24 Mute All Invite Chat malini sreenivas to Me (Direct Message) MS is it waste? Dr.P.K.CHIDA... To Me (Direct Message) IDEAL Before 🍣 Who can see your messages? Recording On After To: Devanathan C ~ (Direct Message) (E) ··· TYRE TRYARS DEPEndows Go to Settings to activate Windows ヘ 島 型 Φ) ENG 10:11 □ P Type here to search 0 🖽 💽 🐂 🚘 🖸 🚾 🛤 Zoom Meeting ٥ Participants (100) Mangesh Sanap Ramasubbu Vinodh S Sneha Bharti \odot Q. Find a participant # ISERT Sneha Bhart SR SELVENDRAN R R Recording LIVE SG Shaman Gupta N 124 Value Stream Mapping Sharyn Bangera 1/ 120 SP Shital Patel ¥ 120 SIVASANKARAN M X 124 VSM is a tool to visually indicate all actions required to bring about a product or service in logical steps from start to finish Chat It shows all the actions required to complete a how far 5S is realised in product or service through to the customer Indian industry, means to what extent The purpose of VSM is to understand the value SELVENDRAN R to Me (Direct Message) flow SR CLEAR SIR VSM helps in understanding how the product flows from when the customer orders to the 🔒 Who can see your messages? Recording On dispatch of the product to the customer To: Devanathan C ~ (Direct Message) (ii) ... TYRE TIVERE DEPINDOWS It helps to identify the steps that add value to the customer and do not add value to the customer ∧ 📕 🖅 Φ) ENG 10:38 💭 1 P Type here to search 0 1 C 🖸 🚾 12 -

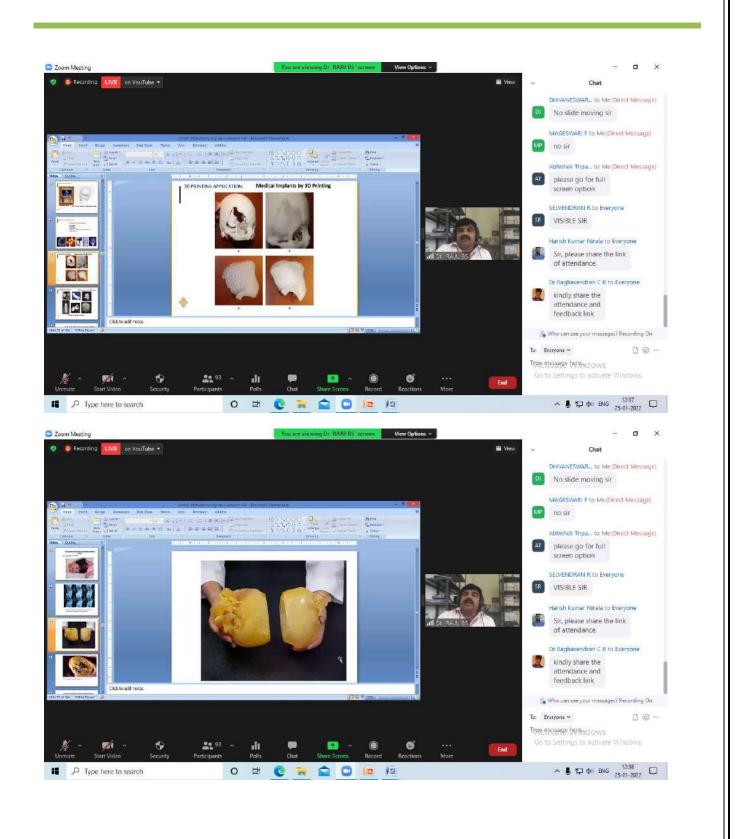
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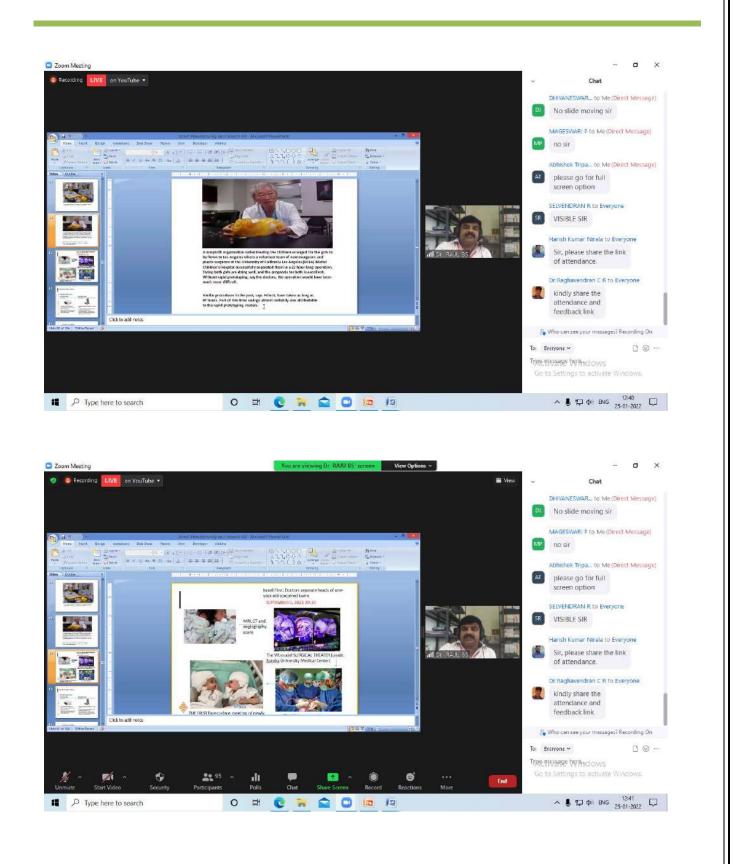


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Rangarajan R v	I NIRMALADEVI S	🜋 a Jhoncy	🌋 Priyanka Kadam	MAGESWARI P	sorry sir i dont have camera facility .	NET MICERY
Selvarasu A AP/	Dr.T.Vinod kumar	Dr. Vishwanath	Amit Gupta	VASANTHAKU	🗧 Who can see your messages?	Recording Or
🖋 Selvarasu A AP/MECH VSB	5 Dr.T.Vinod kumar	🍠 Dr. Vishwanath K C	🌋 Amit Gupta	X VASANTHAKUMAR R	To: Vinodh S ~ (Direct Message) TVR운민당용원은 (Vihind ows Go to Settings to activate Vi	

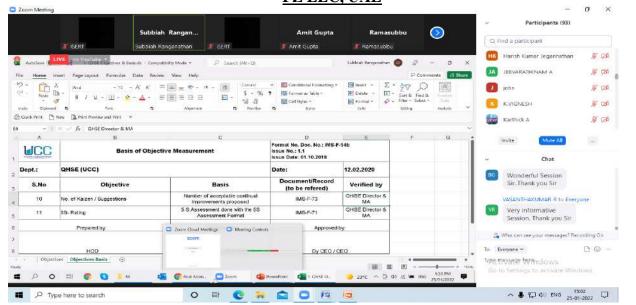
25.1.2022 Day 2 Session 2 11.15 a.m. to 1.15 pm Dr Raju B S, Professor and Special Officer (Evaluation), Department of Mechanical Engineering, REVA University, Bengaluru

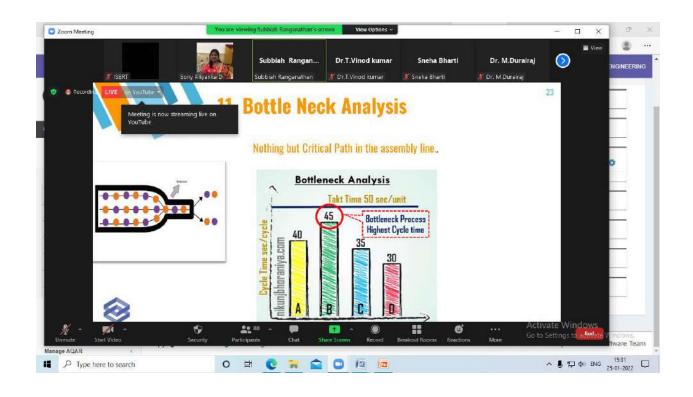




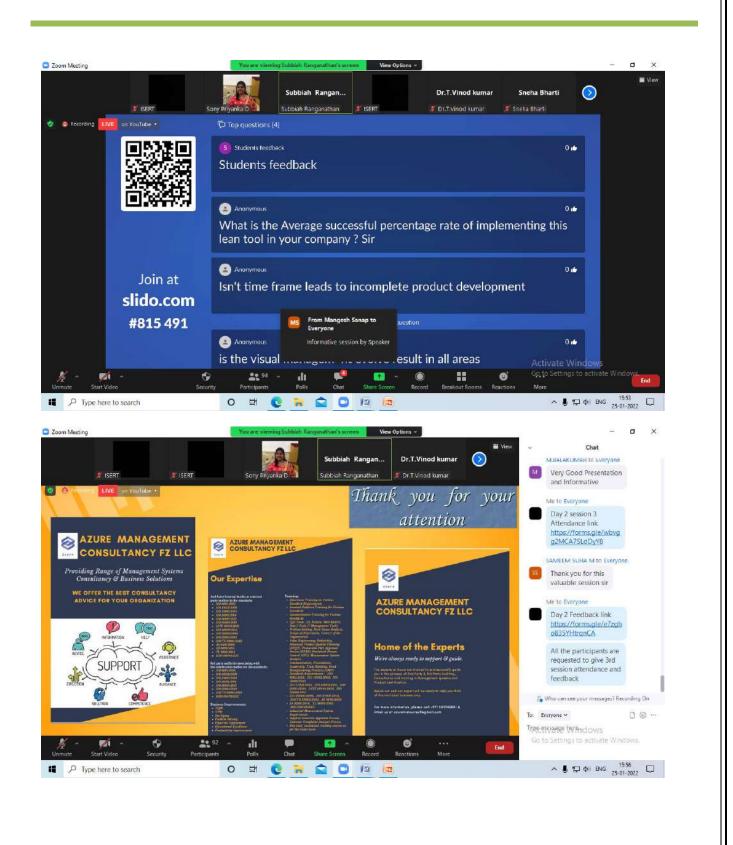


25.1.2022 Day 2 Session 3, 2 to 4 p.m. Mr. Subbaiah Ranganathan Engr. S.R.Nathan, Director, Azure Management Counsultancy FZ LLC, UAE

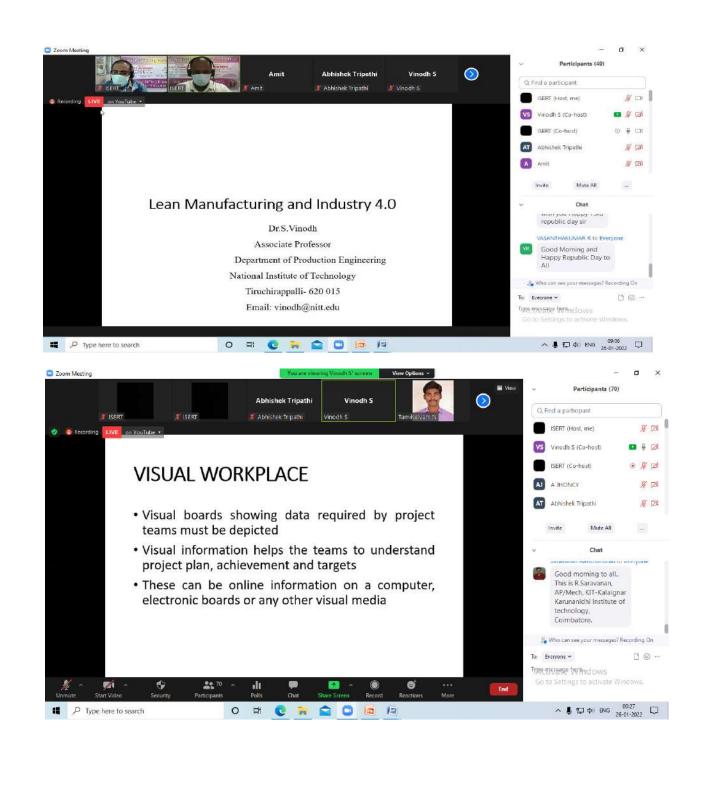


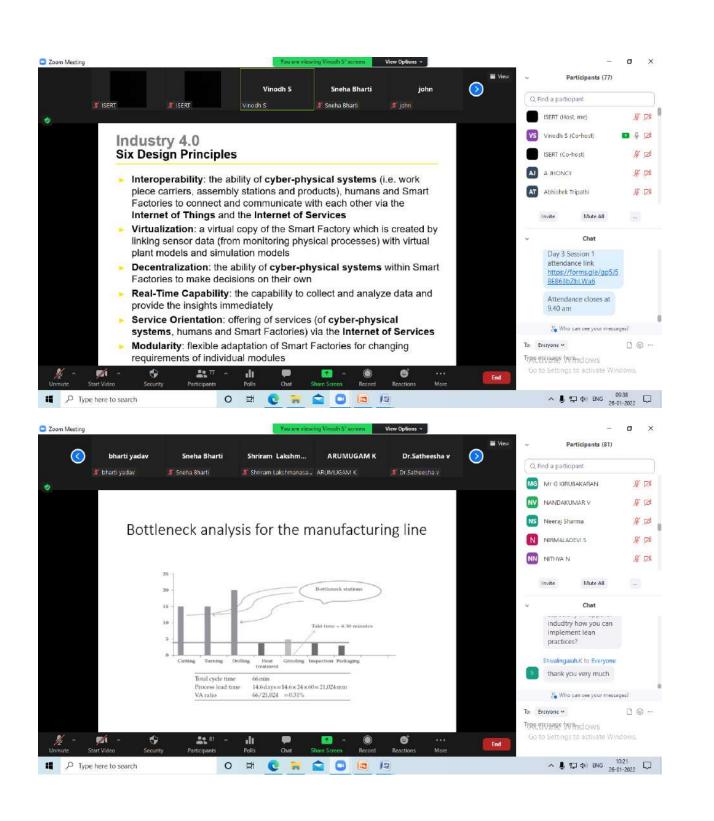


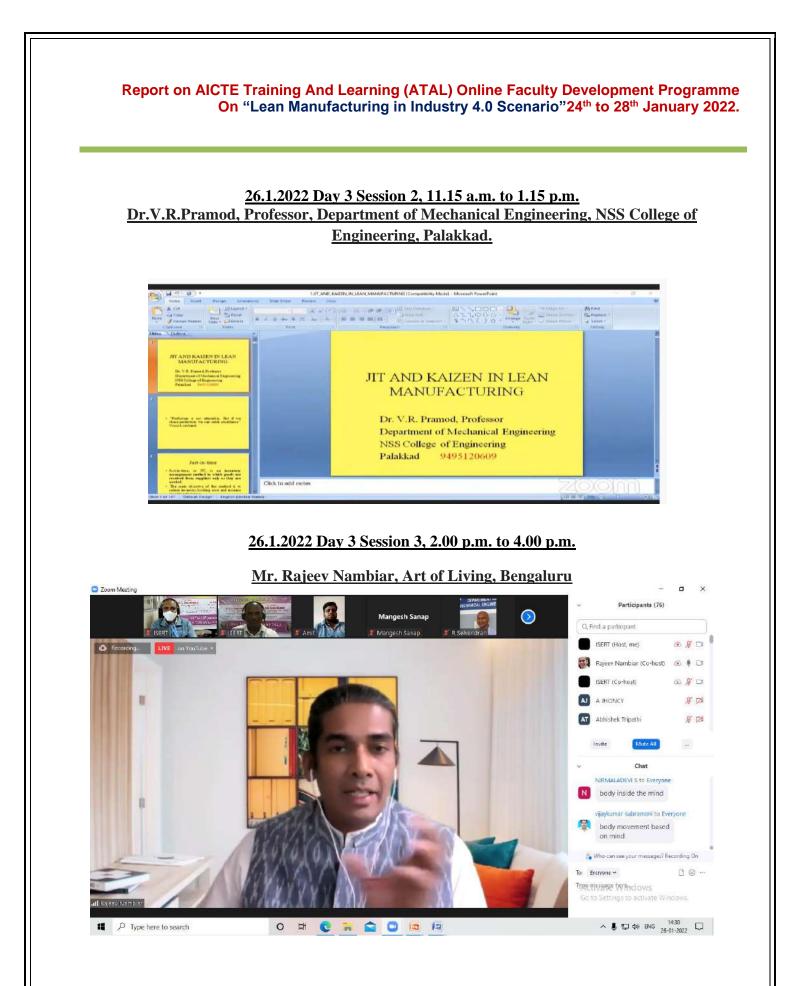


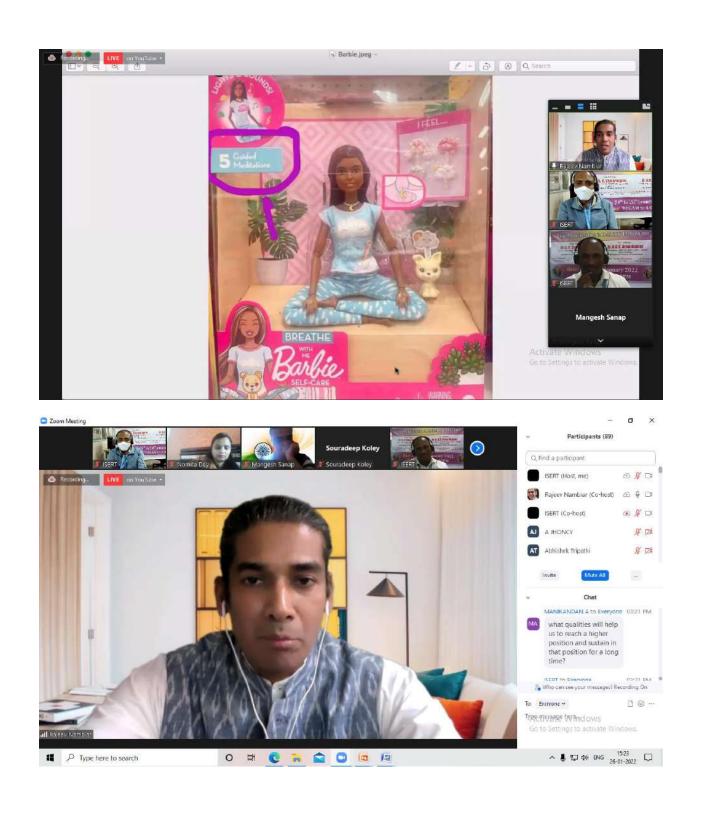


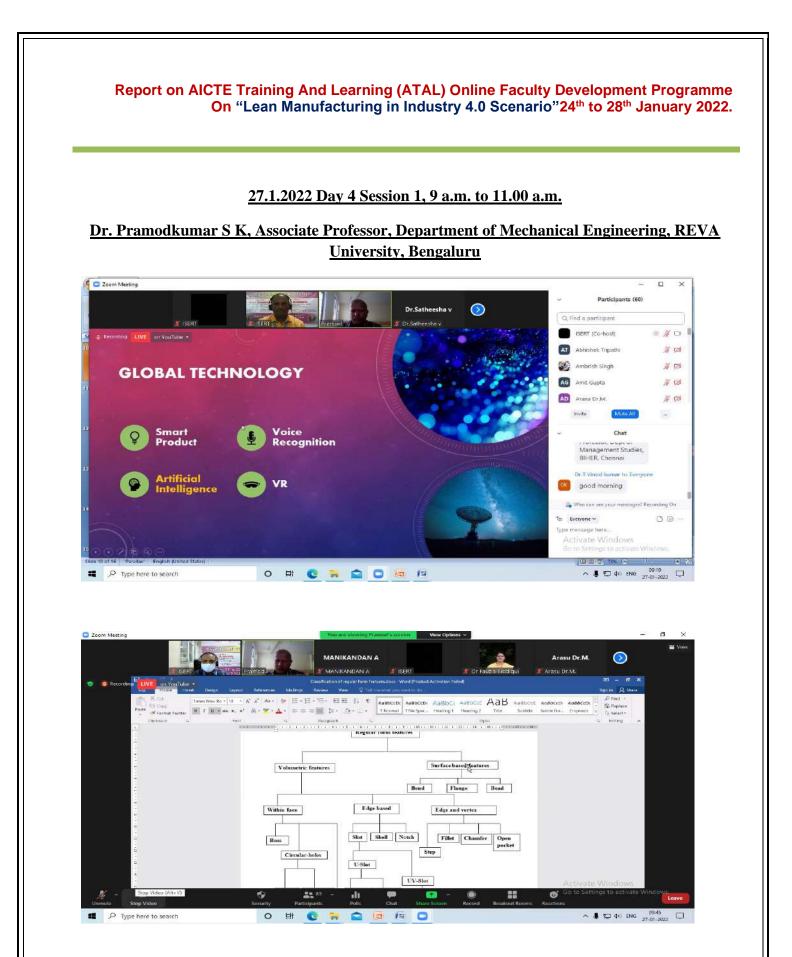
<u>26.1.2022 Day 3 Session 1, 9 a.m. to 11 a.m.</u> Dr.S.Vinoth, Associate Professor, Department of Production Engineering, NIT-Tiruchi.

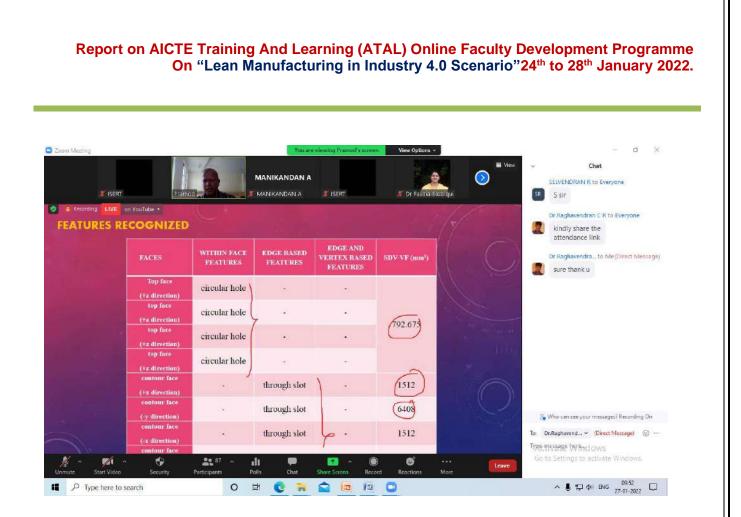


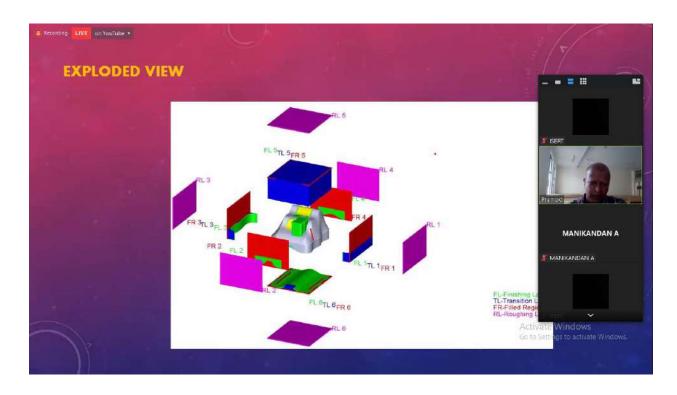


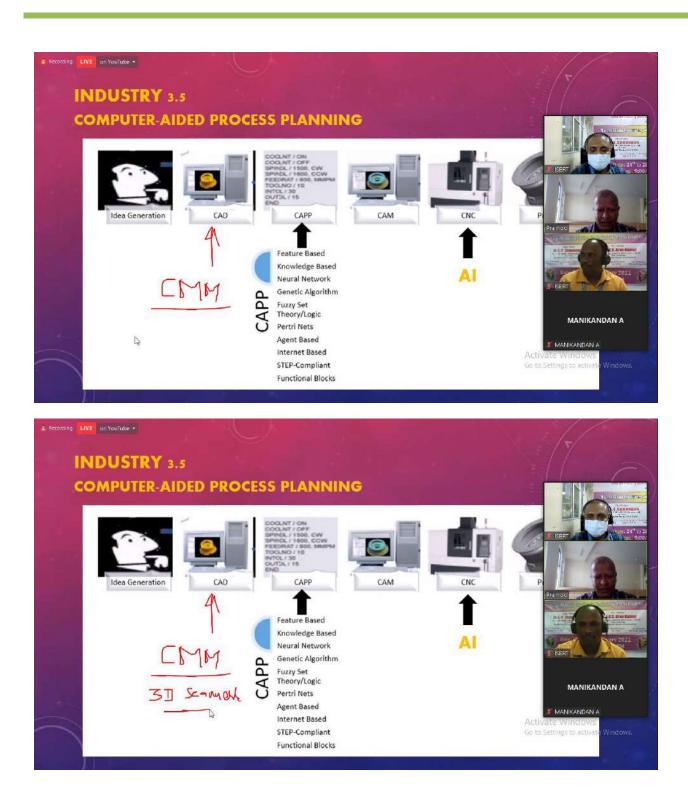












27.1.2022 Day 4 Session 2, 11.15 a.m. to 1.15 p.m.

Dr.V.M.M.Thilak, Associate Professor, Department of Mechanical Engineering, Nehru Institute of Engineering and Technology, Coimbatore

INTRODUCTION

Globalization has intensified competition.

3

LIVE on YouTube -

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- Modern customers to demand high quality products with in features at low price
- Modern manufacturing companies not only satisfy the cust also aggressive to delight them
- "Agile manufacturing" paradigm produce products with inr features within a short period of time

du

Ability to react quickly in accordance with the dynamic den customers is named as 'agility'

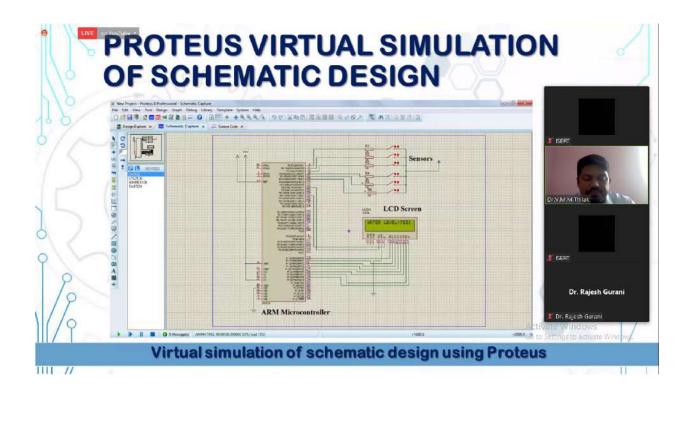
LEAN MANUFACTURING

-

- Several wastes like overproduction, delay in manufacturing an of defective products occur as the departments and humans v companies are not intensively networked
- Lean manufacturing term was popularized by James P. Womad machine that changed the world" (Yusuf & Adeleye, 2002).

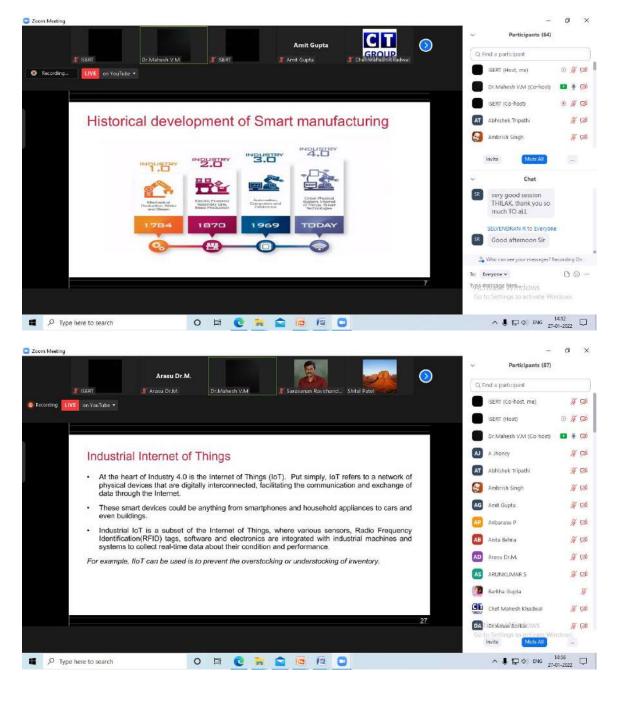
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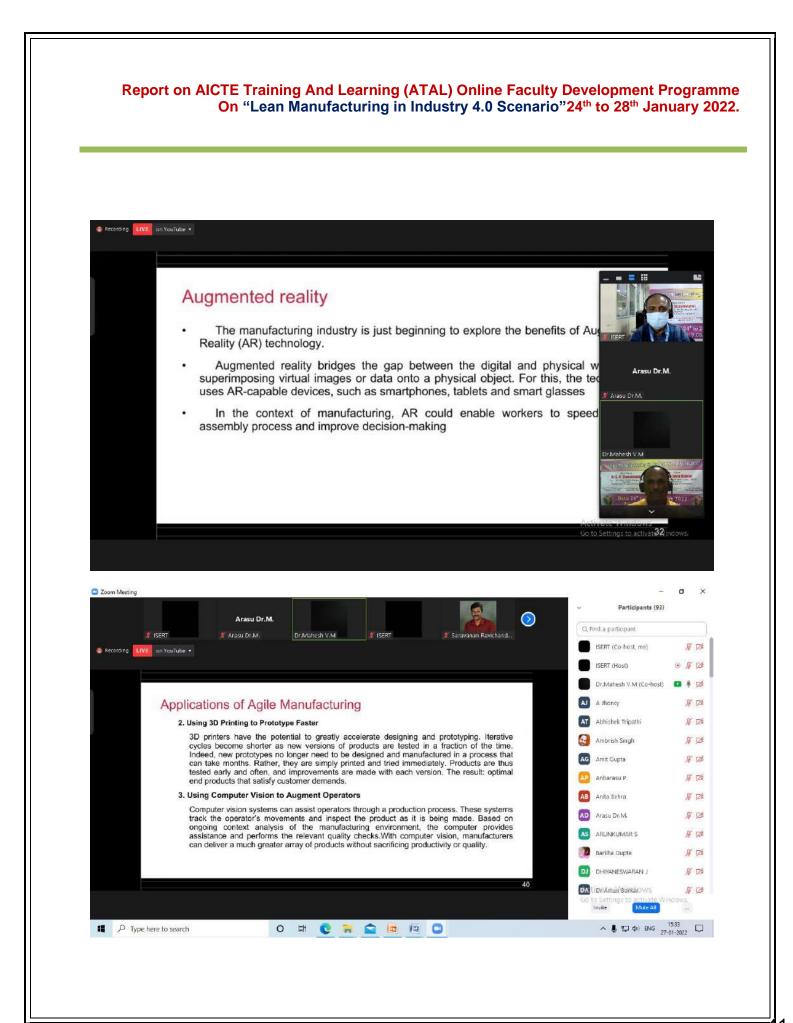




27.1.2022 Day 4 Session 3, 2.00 p.m. to 4.00 p.m.

Dr. Mahesh. V.M, Assistant Professor Department of Mechanical Engineering Sri Jayachamarajendra College of Engineering, Mysuru.

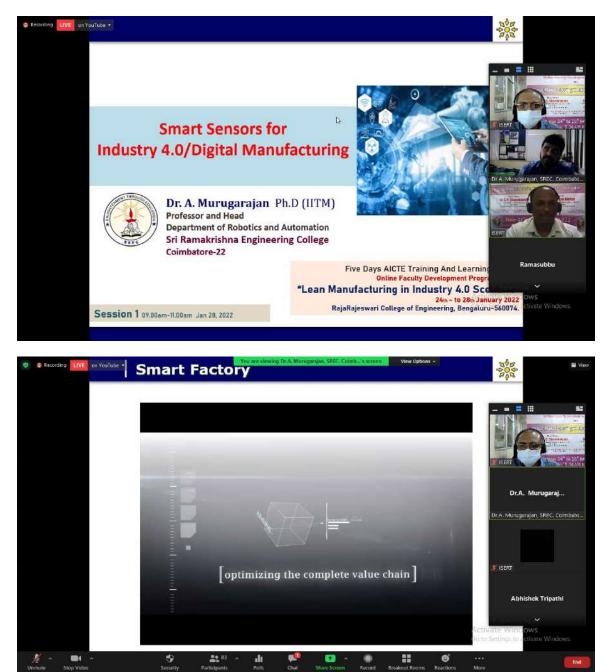




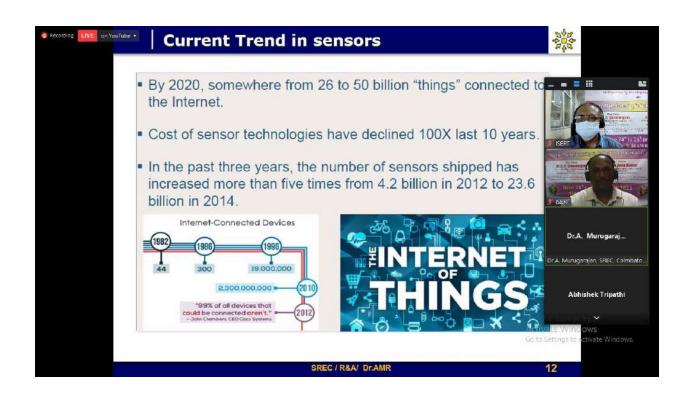


28.1.2022 Day 5 Session 1, 9.00 a.m. to 11.00 a.m.

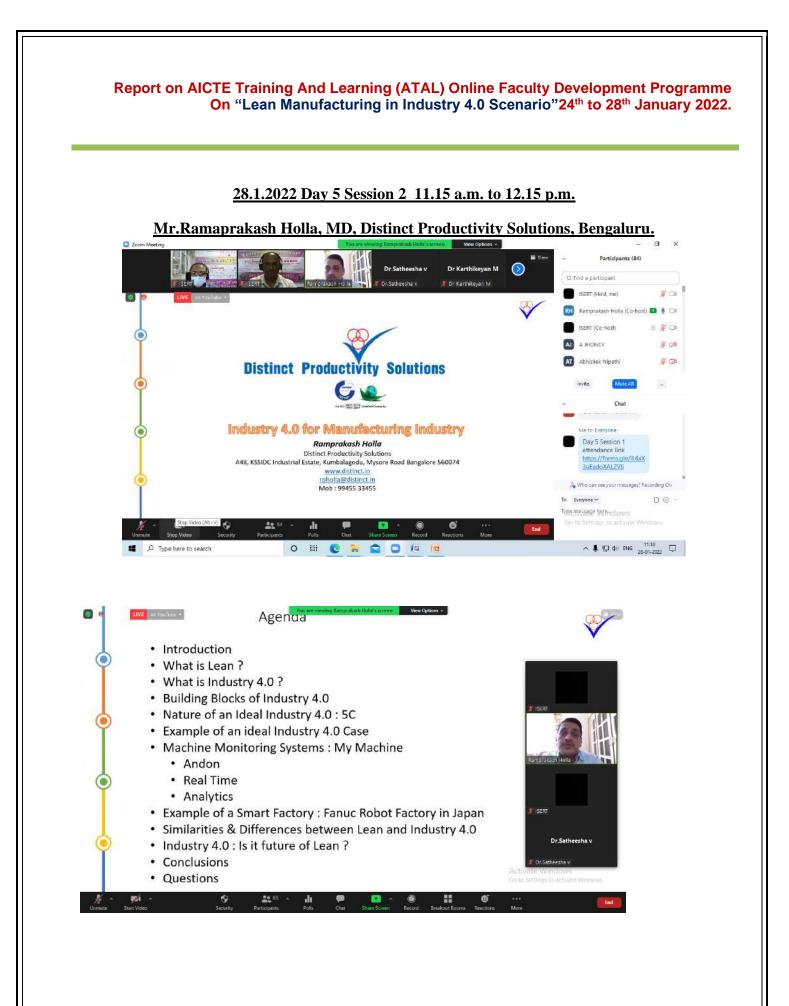
Dr.A.Murugarajan, Professor and Head of Department of Robotics and Automation at Sri Ramakrishna Engineering College, Coimbatore

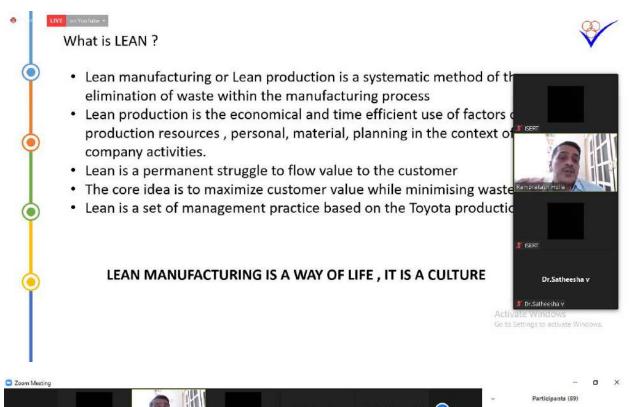




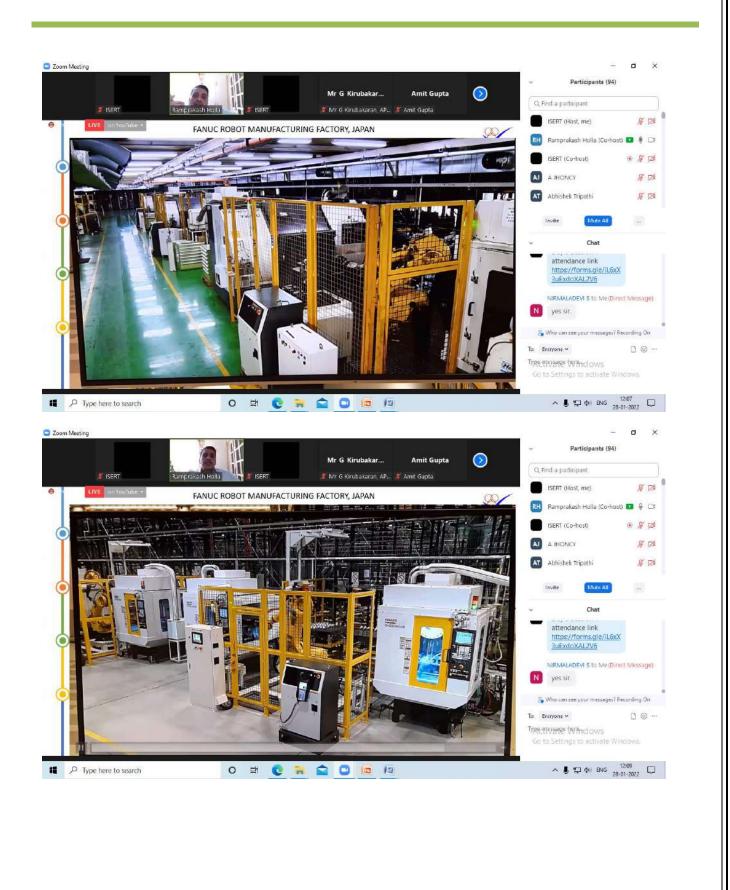


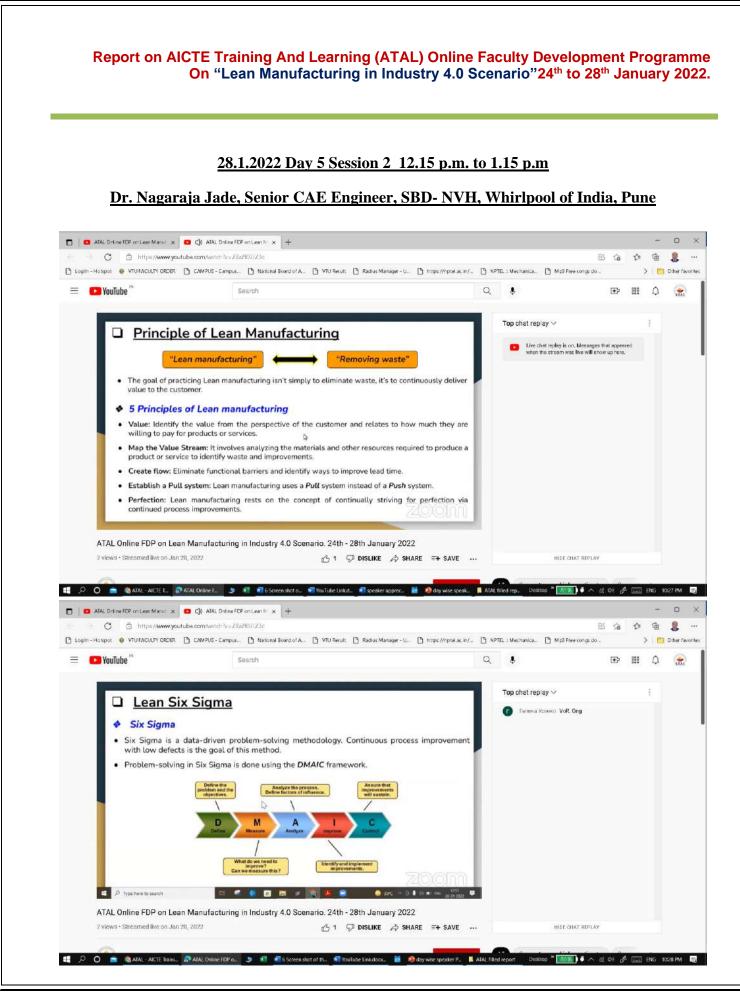


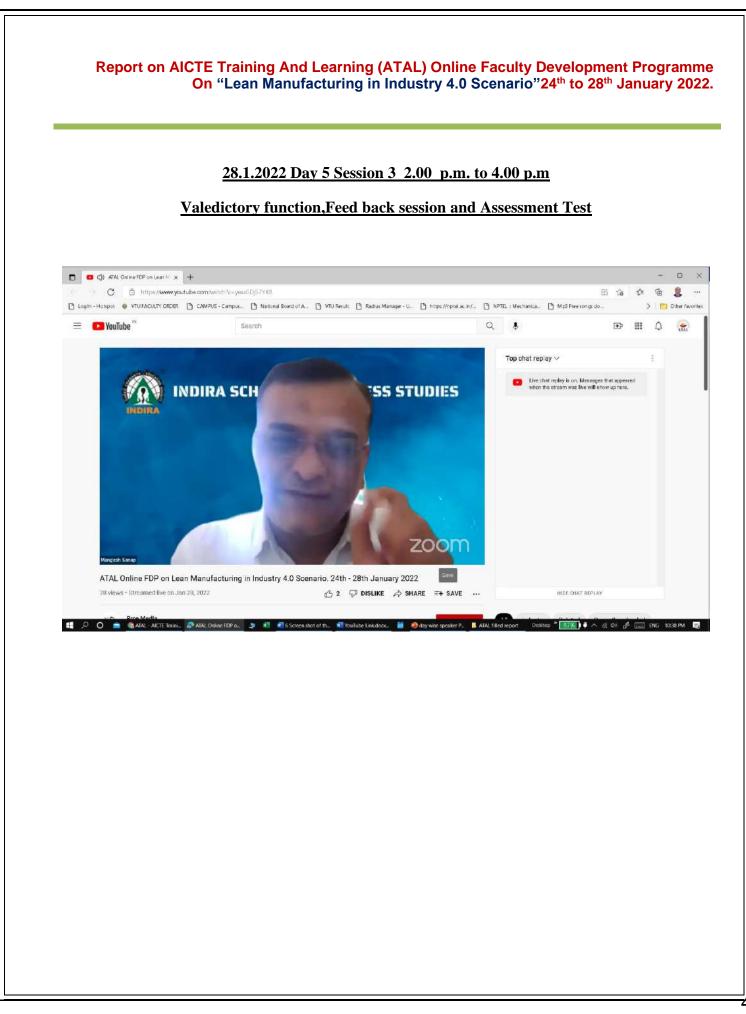










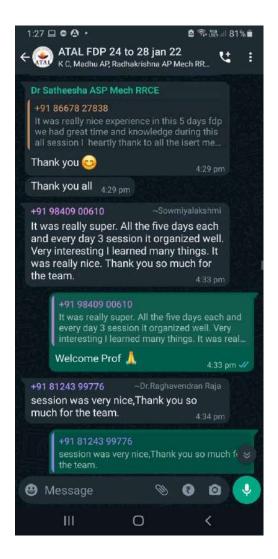


Feedback from the Participants about the Five Days AICTE Training And Learning (ATAL) Online Faculty Development Programme

on "Lean Manufacturing in Industry 4.0 Scenario"

24th - to 28th January 2022

FEEDBACK

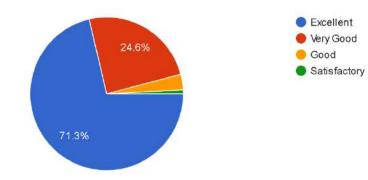


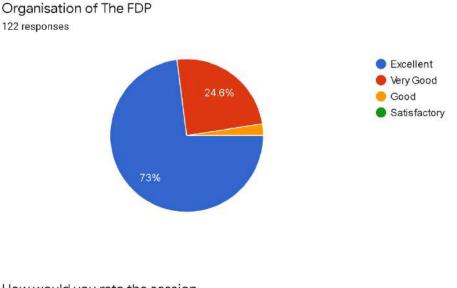
YouTube Link: https://www.youtube.com/watch?v=ywuGDj57YK8

FEEDBACK

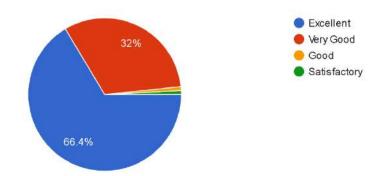
Presentation Skills and content of Resource Person 122 responses • Excellent • Very Good • Good • Satisfactory

Significance of topic covered in FDP 122 responses





How would you rate the session 122 responses



https://www.youtube.com/channel/UCy9JptooH3YR_WN4a6ywKDA)

Sl	Day and	Session	Topic	Speaker	YouTube Link
No	Day and Date	and	Topic	Speaker	Tou Tube Link
110	Date	Time			
		Session 1	Fundamentals	Dr.S.R.Devadasan	https://youtu.be/GSClMrEFoms
		9.00 a.m.	of Lean	Professor,	
		to	Manufacturing	PSGCT,	
		11.00 a.m.		Coimbatore	
	Monday,	Session-2	Lean	Dr.A.Murugarajan	https://youtu.be/tJwzyjxNAao
Day	24 th	11.15 a.m.	Deployment in	Professor, SREC,	
- •••	January	to	Industry	Coimbatore	
	2022	1.15 p.m	Requirements	Comparent	
1		p			
		Session-3	Lean	Dr.N.M.Sivaram	https://youtu.be/_Awo8at68g8
		2.00 p.m.	Manufacturing	Assistant	
		to	through Total	Professor,	
		4.00 p.m	Productive	NIT-Karaikal	
		-	Maintenance		
Sl	Day and	Session	Topic	Speaker	YouTube Link
No	Date	and	•	-	
		Time			
		Session 1	Lean Tool	Dr.S.Vinoth	https://youtu.be/Y7zpvvMSqno
		9.00 a.m.	Implementation	Associate	
		to		Professor, NIT-	
		11.00 a.m.		Tiruchi.	
		Session-2	Smart	Dr. Raju B S	https://youtu.be/voOV2ksHJyo
	Tuesday,	11.15 a.m.	Manufacturing	Professor and	
Day	25 th	to	-Industry 4.0	Special Officer-	
2	January	1.15 p.m		Evaluation	
	2022			REVA University ,	
				Bengaluru.	
		Session-3	Case study on	Engr. Subbiah	https://youtu.be/00CgnGvnckI
		2.00 p.m.	Lean	Ranganathan	
		to	Manufacturing	Director, Azure	
		4.00 p.m		Management	
				Consultancy FZ	
				LLC, UAE.	

C1					
Sl No	Day and Date	Session and Time	Торіс	Speaker	YouTube Link
Day	Wednesda y, 26 th January 2022	Session 1 9.00 a.m. to 11.00 a.m.	Lean Manufacturing- Industry 4.0	Dr.S.Vinoth Associate Professor, NIT- Tiruchi	https://youtu.be/lfOof7_1dLw
3		Session-2 11.15 a.m. to 1.15 p.m	JIT and Kaizen in Lean Manufacturing	Dr.V.R.Pramod, Associate Professor, NSSCE, Palakkad	https://youtu.be/Su9-n-bJsMw
		Session-3 2.00 p.m. to 4.00 p.m	Stress Management ·	Mr. Rajeev Nambiar, Art of Living, Bengaluru	https://youtu.be/yVR31Frc2F8
Day 4	Thursday, 27 th January 2022	Session 1 9.00 a.m. to 11.00 a.m.	AI for Manufacturing	Dr Pramodkumar S K, Associate Professor, REVA University, Bengaluru	https://youtu.be/1zvpvRCdkqo
		Session-2 11.15 a.m. to 1.15 p.m	Industry 4.0 through Agile Manufacturing	Dr.V.M.M.Thilak Associate Professor, NIET, Coimbatore.	https://youtu.be/QSbWsp9EBpI
		Session-3 2.00 p.m. to 4.00 p.m	Smart Manufacturing	Dr.Mahesh.V.M Assistant Professor, SJCE, Mysuru.	https://youtu.be/P1Yfl2c7gOM

SI No	Day and Date	Session and Time	Торіс	Speaker	YouTube Link
		Session 1 9.00 a.m. to 11.00 a.m.	Smart Sensors for Industry 4.0 / Digital Manufacturing	Dr.A.Murugaraja n, Professor, SREC, Coimbatore	https://voutu.be/6Js-LTCftVo
Day 5	Friday, 28 th January 2022	Session-2 11.15 a.m. to 1.15 p.m	Industry 4.0	Mr.Ramaprakash Holla, Managing Director, Distinct Productivity Solutions, Bengaluru.	https://youtu.be/QSbWsp9EBpI
			Applications of Lean Manufacturing	Dr. Nagaraja Jade, CAE Engineer, SBD- in industries NVH,Senior Whirlpool of India, Pune.	https://youtu.be/ZBzZf07JZ3c
Day 5	Friday, 28 th January 2022	Session-3 2.00 p.m. to 4.00 p.m	Valedictory function, Feedback session.	-	https://youtu.be/ywuGDj57YK8

M- Kalh lay 28/2/20

Program coordinator Dr. M. KARTHIKEYAN Professor partment of Mechanical Engineering jaRajeswari College of Engineering Mysuru Road, Bengaluru-560074 ****

J.O. 28/21-22

Principal RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalii Cross, Bengaluru-74

END OF THE REPORT