



**6 Days Faculty Development Program on
“AI and ML Empowerment –Shaping the Future of Mechanical
Engineering”**

Sponsored by ATAL Academy, AICTE



SCMS School of Engineering and Technology, Karukutty

Department of Mechanical Engineering

FDP Report

Department of Mechanical Engineering, SCMS School of Engineering and Technology, Karukutty conducted a 6 Days Faculty Development Program sponsored by ATAL Academy, AICTE. Details are as follows

Title: AI and ML Empowerment –Shaping the Future of Mechanical Engineering

Application Number: 1691380882

Coordinator: Dr. Vidya Chandran, Associate Professor, ME Department, SSET

Co-coordinator: Mr. Sujith R, Assistant Professor, ME Department, SSET

Dates: 15th – 20th January 2024

Speaker Details

Dr. Soumitra Mukhopadhyay

Senior Manager, SMS Indian Pvt. Ltd

West Bengal, Kolkatta



Dr. Soumitra Mukhopadhyay has obtained his PhD from Indian Institute of Engineering Science and Technology (IEST), Shibpur, West Bengal and Masters from the same institute winning **medal for securing the first position in the Department of Mechanical Engineering**. He has over 20 years of experience in various industries - Government as well as private sectors (steel, power etc.).

His research interest includes mainly in the field of Renewable Energy focusing on solar thermal systems, municipal solid waste, H₂ energy, thermal analysis, energy-exergy analysis, model study etc. He has several publications in international journals, conferences and book chapters.

Dr. Mukhopadhyay has professional memberships in following two bodies:

1. Associate Member of Institution of Engineers (India)
2. Life Member of Association on Energy Engineers (USA)

Dr. N. Gnanasekaran, Assistant Professor
Department of Mechanical Engineering, National
Institute of Technology, Karnataka



Dr. Gnanasekaran has earned his Ph D in Heat Transfer from IIT Madras, Chennai in 2012. He was a post-doctoral fellow at Federal University of Rio de Janeiro, Brazil until 2017. He served as a lecturer in SASTRA University, as senior project officer in Centre for industrial consultancy and sponsored research, IIT Madras and as Associate Professor in SSN College of Engineering, Chennai, before he joined NITK in 2013. He has more than 15 years of academic and research experience.

Scopus id & Google scholar id

<https://www.scopus.com/authid/detail.uri?authorId=36155128300>

<https://scholar.google.co.in/citations?user=id-23GEAAAAJ&hl=en>

Dr. Viswanath Gopalakrishnan
Assistant Professor, International Institute
of Information Technology, Bangalore,
Karnataka



Dr. Viswanath Gopalakrishnan received the B.Tech. degree in electronics and communication engineering from the NIT Calicut, India, in 2001, and the Ph.D. degree from the School of Computer Engineering, Nanyang Technological University, Singapore, in 2011. From 2001 to 2006, he was with Texas Instruments India, and Emuzed India Pvt. Ltd., working in the domain of multimedia processing and compression. Since 2011, he

has been with the Samsung Research and Development Institute Bangalore Pvt Ltd., Bangalore, India, working on various research problems in computer vision. In 2020 he joined IIT Bangalore as Assistant Professor. His Ph.D. topic was focused on building computational models for identifying salient regions in images and videos. From 2011 - 2019 he worked with Samsung Research Institute, Bangalore on various research topics of interest in the areas Computer Vision and Machine Learning. During this period he was involved in developing and leading the efforts towards machine learning based vision algorithms for Samsung's flagship models which involved Object Detection, Scene Recognition, Semantic Role Recognition and Object & Scene Segmentation. His current research areas of interest are in Vision + Language multimodal fusion, Self Supervision / Few-Shot learning techniques for image/video segmentation.

<https://scholar.google.com/citations?user=21KjSMoAAAAJ&hl=en&oi=ao>

Dr.R.Thirumalai, Principal and Professor of Mechanical Engineering, Jai Shriram Engineering College, Tiruppur Dt. Coimbatore, Tamil Nadu.



Dr. R Thirumalai received his Ph.D in Mechanical Engineering from Anna University in 2013 and ME from NIT, Trichy in 2003. He is presently the principal of Jai Shriram Engineering College. Previously he worked as Professor , Mechanical Engineering at Dr.NGP Institute of Technology, Coimbatore and SNS College of Technology, Coimbatore. He has more than 20 years of teaching experience. He is the editor of many reputed journals in Mechanical Engineering. He has produced 6 Ph Ds in Material Science and has published several articles in reputed journals. His area of interests are optimization of cutting process parameters and material science.

https://scholar.google.com/citations?user=SyW_U4wAAAAJ&hl=en&oi=sra

Dr. Lalit Singh, Senior Scientist and Head, Artificial Intelligence Applications NPCIL-BARC Department of Atomic Energy, Govt. of India.



Dr. Lalit Kumar Singh received his Ph.D. degree from Indian Institute of Technology (Banaras Hindu University). He is currently a Scientist in NPCIL-BARC, Department of Atomic Energy, Government of India, and has distinction of working on Pressurized Heavy Water Reactors (PHWR) and Light Water Reactors (LWR). He is member of many selection committees, of BARC, IITs and government universities. He is a member of editorial board of many reputed journals and guest lead editor of many special issues. He is supervising many PhD students of different IITs, NITs and is PhD thesis examiner of IITs, NITs and other reputed institutes. He is an expert member of Industrial policy formation of IIT Ropar, BoS of many autonomous institutes and member on the advisory board of many institutes/universities. He is advisory member of IEEE Bombay Section. He is adjunct Professor in BHU and IIIT Gwalior. He is a reviewer and project collaborator of Research proposals of Board of Research in Nuclear Sciences (BRNS). He is also faculty of Nuclear Training Centre, Department of Atomic Energy, Government of India. He is interfacing with other countries, like Russia, USA, France, etc. for importing nuclear reactors that are based on new technologies. His research interests are in the area of reliability, safety and security of safety critical computer based systems. So far, he has completed 33 projects of Department of Atomic Energy, Government of India. He holds 520 rank in India in the list of World's scientists released by AD Scientific Index.

<https://www.researchgate.net/profile/Lalit-Singh-9>

Dr. Sumod Sundar,
Assistant Professor,
Centre of Excellence,
AI, TKM College of Engineering, Kollam,
Kerala



He is currently an Assistant Professor at the Centre of Excellence, AI, TKM College of Engineering, Kollam . He is a Machine Learning Trainer with 5+ year Research and 10+ year Academic experience. He has expertise in deploying Machine Learning and Deep Learning algorithms. Being an ML trainer and academician for the last 10 years, he has delivered sessions for 600+ professionals and students. As a coder, he worked for several client projects including Robots' face recognition using DL for an Italian Client. As a research scholar in Deep Learning, he got the opportunity to furnish new algorithms.

Previously he worked as an Assistant professor, CS Department at UKF College of Engineering Kollam. He earned his Ph D from Vellore Institute of Technology in Deep Learning in 2019.

<https://scholar.google.com/citations?user=7K81h6oAAAAJ&hl=en&oi=sra>

Dr. Jeetu S. Babu, Assistant Professor,
Department of Mechanical Engineering,
NIT, Calicut, Kerala



Dr. Jeetu S. Babu currently serves as Assistant Professor, Department of Mechanical Engineering, School of Engineering, NIT, Calicut. Previously he worked as an Assistant Professor in ME Department, Amrita Institute of Technology, Kollam. He received his Ph. D. in Computational Nanotechnology from NIT Calicut. Later, he worked as a Post Doctoral Fellow at TIFR Centre for Interdisciplinary Sciences, Hyderabad and IIT Kharagpur.

Currently, Dr. Jeetu's major research focus is on

Computational investigations on slip in nanoscale channels (Funded by DST, Government of India under the Early Career Research Award scheme.)

Developing deep learning strategies for investigating the physical behaviour of nanoscale systems.

Nanotechnology enhanced water filtration using coastal sand (Experimental work).

<https://scholar.google.com/citations?user=2selpAEAAAAJ&hl=en&oi=sra>

Ms. Susmi Jacob

Assistant Professor, Department of
Computer Science and Engineering, SCMS
School of Engineering and Technology,
Karukutty, Ernakulum.



Ms. Susmi Jacob is with Dept. of Artificial Intelligence & Data Science,, SCMS School of Engineering & Technology, Karukutty, Cochin. She pursued her B.Tech degree from St. Joseph's College of Engineering , Palai and M. Tech degree with specialization in Digital Image Computing, from Dept. of Computer Science, Kerala University, Kariavattom Campus. She is currently pursuing her PhD in 'Smartphone security and privacy' from APJ Abdul Kalam Technological University, Thiruvananthapuram. She received Anweshan Setu fellowship granted by ACM india council and has been a visiting research fellow at Indian Institute of Technology, Gandhinagar, Gujarat. Also, she works in collaboration with Centre for Engineering Research and Development (CERD) on Smartphone Authentication

Application Development. She has a number of publications which include SCiE journals and scopus indexed conferences.

<https://scholar.google.com/citations?user=UqVaVK0AAAAJ&hl=en>

Ms. Asha S

Assistant Professor, Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Ernakulam.



Asha S is presently a Assistant Professor at Department of Artificial Intelligence & Data Science, SCMS School of Engineering and Technology, Ernakulam, Kerala, India. She is pursuing her Ph.D. from APJ Abdul Kalam Technological university, Trivandrum, Kerala. She has more than 10 research articles published in peer-reviewed journals and international conferences. Her current research is involved in the development of deepfake detectors for mobile applications using machine learning techniques. Her areas of interest are Adversarial Machine learning, deep learning, deepfakes and Computer vision.

<https://scholar.google.com/citations?user=gBmgAAMAAAAJ&hl=en>

**6 Days Faculty Development Program on
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Schedule**

The FDP was inaugurated by Dr. Soumitra Mukhopadhyay, Senior Manager, SMS India Pvt Ltd, Kolkatta, a German MNC on 15th of January 2024. The inaugural meeting was presided over by Dr. Praveen sal C J, Campus Director, SCMS School of Engineering and Technology (SSET), Dr. Rag R L, Professor and Head, Department of Mechanical Engineering, SSET, delivered the welcome address during the ceremony , Dr. Mukhopadhyay delivered the inaugural address and inaugurated the FDP by lighting the lamp. The ceremony was concluded with vote of thanks by Dr. Vidya Chandran, FDP Coordinator and after that technical sessions followed.

Technical theory sessions were handled by external as well as internal experts. Hands on training on AI and ML tools were given by Ms. Susmi Jacob and Ms. Asha S, Assistant Professors, Department of Computer Science and Engineering, SSET.

Article review and reflection sessions were handled by Dr. Mahesa Rengaraj, Professor, and Dr. Vidya Chandran, Associate Professor, Department of Mechanical Engineering and Technology, SCMS School of Engineering and Technology.

Valedictory ceremony was organized on 20th of January 2024, which was presided over Dr. Varun G Menon, Deputy Dean – Research, SSET. Dr. Rag R L, HoD ME , SSET delivered the welcome address, Dr. Menon delivered the presidential address and the meeting was felicitated by Dr. Lalith Kumar Singh, Senior Scientist, BARC. Ceremony concluded with a vote of thanks by Dr. Vidya Chandran, FDP Coordinator

A detailed schedule with the title of each session is given below.

15.01.2024 (Day 1)	16.01.2024 (Day 2)	17.01.2024 (Day 3)	18.01.2024 (Day 4)	19.01.2024 (Day 5)	20.01.2024 (Day 6)
9.00 am – 9.30 am Registration	9.30am – 10.30 am	9.30 am – 10.30 am	9.30 am – 10.30 am	9.30 am – 10.30 am	9.30 am – 10.30 am
9.30 am- 10.00 am Inauguration - : Dr. Soumitra Mukhopadhyay , Senior Manager, SMS India Pvt. Ltd., Kolkata	Session 3 <i>ML and Bayesian statistics</i> for a conjugate heat transfer problem Resource Person: Dr. N. Gnanasekaran , Assistant Professor, Department	Session 5 <i>Impact of Mechanical Industries with AI</i> Resource Person : Dr.R.Thirumalai , Principal and Professor of Mechanical Engineering, Jai Shriram Engineering	Session 7 Introducti on to ML and Applicatio ns Resource Person: Dr. Sumod Sundar , Assistant Professor,	Session 9 Reinforcement learning - Classical and Deep learning perspectives Resource Person : Dr. Viswanath Gopalakrishnan , Assistant Professor, International Institute of	Session 10 Artificial Intelligen ce Applicatio ns in safety critical systems of Nuclear Power Plants
10.00 am – 11.00 am Session 1					

Application of AI,ML in energy and manufacturing sectors Resource Person : Dr. Soumitra Mukhopadhyay , Senior Manager, SMS India Pvt. Ltd., Kolkata	of Mechanical Engineering, National Institute of Technology Karnataka, Surathkal	College, Tiruppur Dt. Coimbatore	Centre of Excellence, AI, TKM College of Engineering.	Information Technology, Banglore, India	Resource Person : Dr. Lalit Singh , Senior Scientist and Head, Artificial Intelligence Applications NPCIL-BARC Department of Atomic Energy, Govt. of India.
11.00am-11.15am Tea Break	10.30am-10.45am Tea Break	10.30am-10.45am Tea Break	10.30am-10.45am Tea Break	10.30am-10.45am Tea Break	10.30am-10.45am Tea Break
11.15-12.30 Session 1 (contd.) Next Generation Manufacturing – Industrial AI Resource Person : Dr. Soumitra Mukhopadhyay , Senior Manager, SMS India Pvt. Ltd., Kolkata	10.45am-12.00pm Session 3 ML and Bayesian statistics for a conjugate heat transfer problem Resource Person : Dr. N. Gnanasekar , Assistant Professor, Department of Mechanical Engineering, National Institute of Technology	10.45am-12.00pm Session 5 Impact of mechanical industries with AI Resource Person : Dr.R.Thirumalai , Principal and Professor of Mechanical Engineering, Jai Shriram Engineering College, Tiruppur Dt. Coimbatore	10.45am-12.00pm Session 7 Resource Person: Dr. Sumod Sundar , Assistant Professor, Centre of Excellence, AI, TKM College of Engineering.	10.45am-12.00pm Session 9 Reinforcement learning - Classical and Deep learning perspectives Resource Person : Dr. Viswanath Gopalakrishnan , Assistant Professor, International Institute of Information Technology, Banglore, India	10.45am-12.00pm Session 10 Artificial Intelligence Applications in safety critical systems of Nuclear Power Plants Resource Person : Dr. Lalit Singh , Senior Scientist

	Karnataka, Surathkal 11.30 am – 12.30 pm <i>Article Discussion</i>				and Head, Artificial Intelligence Applications NPCIL- BARC Department of Atomic Energy, Govt. of India
	12.00pm- 12.45pm Practical Session 1 <i>Machine Learning using Python</i> Ms. Susmi Jacob, Assistant Professor, Department of Computer Science, SSET, Karukutty	12.00pm- 12.45pm Practical Session 2 <i>Machine Learning using Python</i> Ms. Asha S, Assistant Professor, Department of Computer Science, SSET, Karukutty.	12.00pm- 12.45pm Practical Session 3 <i>Machine Learning using Python</i> Ms. Susmi Jacob, Assistant Professor, Department of Computer Science, SSET, Karukutty	12.00pm- 12.45pm Practical Session 4 <i>Machine Learning using Python</i> Ms. Asha S, Assistant Professor, Department of Computer Science, SSET, Karukutty.	12.00 pm- 1.00 pm <i>Article Reflection</i>
12.30 pm – 1.30 pm	12.45pm – 1.30 pm	12.45pm – 1.30 pm	12.45pm – 1.30 pm	12.45 pm – 1.30 pm	1.00 pm – 1.40 pm
Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
1.30 pm – 2.45pm	1.30 pm – 2.45 pm	1.30 pm – 2.45pm	1.30 pm – 2.45pm	1.30 pm – 5.00 pm	1.45 pm – 2.45 pm
Session 2	Session 4 <i>Data driven modelling of</i>	Session 6 <i>An insight into Artificial</i>	Session 8 Introducti on to ML		

Machine Learning Applications : Ms. Susmi Jacob, Assistant Professor, Department of Computer Science, SSET, Karukutty	<i>Physical systems</i> Resource Person : Dr. Jeetu S. Babu, Assistant Professor, Department of Mechanical Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri.	<i>Intelligence Application for Mechanical Systems</i> Resource Person : Ms. Asha S, Assistant Professor, Department of Computer Science, SSET, Karukutty.	and Applications Resource Person: Dr. Sumod Sundar, Assistant Professor, Centre of Excellence, AI, TKM College of Engineering.	Industrial Visit Pilot India Pvt. Ltd.	Assessment of learning outcomes/ Feedback
2.45pm-3.00pm Tea Break	2.45pm-3.00pm Tea Break	2.45 pm-3.00 pm Tea Break	2.45pm-3.00pm Tea Break		2.45pm-3.00pm Tea Break
3.00 pm – 3.45 pm	3.00 pm – 3.45pm	3.00 pm – 3.45 pm	3.00 pm – 3.45 pm		3.00 pm – 3.30 pm
Session 2 Machine Learning Applications : Ms. Susmi Jacob, Assistant Professor, Department of Computer Science, SSET, Karukutty	Session 4 <i>Data driven modelling of Physical systems</i> Resource Person : Dr. Jeetu S. Babu, Assistant Professor, Department of Mechanical Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri.	<i>An insight into Artificial Intelligence Application for Mechanical Systems</i> Resource Person : Ms. Asha S, Assistant Professor, Department of Computer Science, SSET, Karukutty.	Session 8 Introduction to ML and Applications Resource Person: Dr. Sumod Sundar, Assistant Professor, Centre of Excellence, AI, TKM College of Engineering.		Valedictory Function
3.45pm-4.45pm	3.45pm-4.45pm	3.45pm-4.45pm	3.45pm-4.45pm		

<i>Article Discussion</i>	<i>Article Discussion</i>	<i>Article Discussion</i>	<i>Article Discussion</i>		
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* Resource Persons for Session 1 Dr. N. Arunachalam , Professor, IITM could not join the session due to medical emergency. Ms. Susmi Jacob, Assistant Professor, Department of Computer Science, SSET, Karukutty

** Resource Persons for Session Mr. Apurva Mayank, Mechanical Engineer, Indian Navy could not join the session due to unexpected official assignment. He joined the session online from Pune and delivered a 1 hr talk. The rest of the session was handled by Ms. Asha S, Assistant Professor, Department of Computer Science, SSET, Karukutty.

No. of Participants Applied	52 (External: 40, Internal: 12)
No. of Participants Approved	52 (External: 40, Internal: 12)
No. of Participants Registered	31 (External: 19, Internal:12)
No of Participants Certified	29 (External: 17, Internal: 12)

Name	Institute Name	District	State	Status
Dr. ANIL KUMAR B C	LBS COLLEGE OF ENGINEERING KASARAGOD	Kasaragod	KERALA	Approved- Not Registered
Mr. L EZHIL RUBAN	Loyola Icam College of Engineering & Technology	Chennai	TAMIL NADU	Certified
Mr. Noel Joseph Gomez	SCMS School of Engineering and Technology	Ernakulam	KERALA	Certified
Dr. PASHAM NITHISH REDDY	SNIST Hyderabad	Jangaon	TELANGANA	Approved- Not Registered
Dr. Vinod Patidar	Parul Institute of Technology, Parul University Vadodara, Gujarat	Vadodara	GUJARAT	Approved- Not Registered
Mr. PRABHAKARAN R	Ramco Institute of Technolgoy	Virudhunagar	TAMIL NADU	Certified
Mr. JEROLD JOHN BRITTO J	RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM	Virudhunagar	TAMIL NADU	Certified
Mr. SANTHU VARGHESE THOMAS	MANGALAM COLLEGE OF ENGINEERING	Kottayam	KERALA	Certified

Mr. JAISE JOSE	HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE	Chennai	TAMIL NADU	Registered - Not Certified
Mr. K MANICKAM	AMRITA VISHWA VIDYAPEETHAM, AMRITA SCHOOL OF ENGINEERING, COIMBATORE	Tiruppur	TAMIL NADU	Certified
Mr. Anees K J	Government Engineering College Wayanad	Wayanad	KERALA	Approved- Not Registered
Dr. Radhakrishnan R	Mangalam College of Engg	Kottayam	KERALA	Certified
Dr. MOHAMMED ZUBAIRUDDIN	Aditya Engineering College	East Godavari	ANDHRA PRADESH	Approved- Not Registered
Dr. MANOJ KUMAR B	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY , KARUKUTTY	Ernakulam	KERALA	Certified
Mr. HARI KIRAN VUDDAGIRI	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM	Visakhapatnam	ANDHRA PRADESH	Approved- Not Registered
Dr. K MANI	Panimalar Engineering College	Thiruvarur	TAMIL NADU	Approved- Not Registered
Dr. Senthilkumar k m	Kumaraguru College of Technology	Coimbatore	TAMIL NADU	Approved- Not Registered
Mr. SURADA SANYASI RAO	Vignan's Institute of Information Technology	Visakhapatnam	ANDHRA PRADESH	Approved- Not Registered
Dr. SUKH LAL AHIRWAR	Oriental Institute of Science & Technology	Bhopal	MADHYA PRADESH	Approved- Not Registered

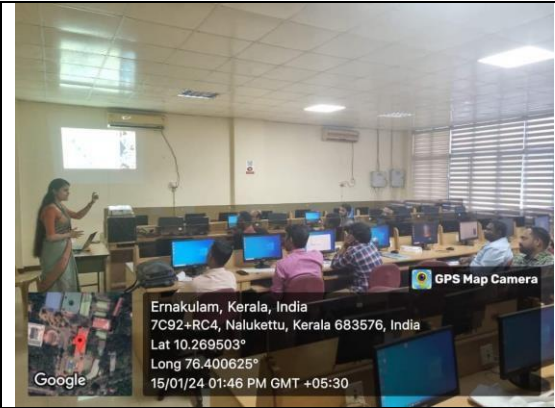
Mr. Aravind P V	SCMS SHOOLOF ENGINEERING & TECHNOLOGY	Pathanamthitta	KERALA	Certified
Dr. GIBIN GEORGE	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY	Kozhikode	KERALA	Certified
Mr. Harish Abubaker	Muthoot Institute of Technology and Science	Ernakulam	KERALA	Certified
Mr. AJITH KUMAR R	SCMS School of Engineering and Technology	Alappuzha	KERALA	Certified
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Dr. Nikhil M Thoppil	Muthoot Institute of Technology and Science	Alappuzha	KERALA	Approved- Not Registered
Dr. Favas T K	Cochin University of Science and Technology	Ernakulam	KERALA	Certified
Dr. SANTHI M	indra Ganesan College of Engineering	Tiruchirappalli	TAMIL NADU	Approved- Not Registered
Dr. MAHESA RENGARAJ R	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Thrissur	KERALA	Certified
Dr. K.SENTHAMARAI	Sri Raaja Raajan College of Engineering	Sivaganga	TAMIL NADU	Approved- Not Registered
Mr. SHINESH T M	GOVERNMENT POLYTECHNIC COLLEGE, KANNUR -670007	Kannur	KERALA	Approved- Not Registered
Mrs. Suvarna Prabhakar Pawar	JSPMS JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING	Pune	MAHARASHTRA	Approved- Not Registered
Mr. CLINT K S	Universal Engineering College	Thrissur	KERALA	Certified

Mr. TEXO JOSE	Universal engineering College Thrissur	Thrissur	KERALA	Certified
Mr. JAISON K A	Universal Engineering College	Thrissur	KERALA	Certified
Miss Rajni devi	Chandigarh Univeristy	Pathankot	PUNJAB	Approved- Not Registered
Dr. Jayadevan P C	SCMS School of Engineering and Technology	Thrissur	KERALA	Certified
Dr. Anjana Viswanath	SCMS School of Engineering and Technology	Thiruvananthapuram	KERALA	Certified
Mr. JOTHIPRAKASH VM	EASWARI ENGINEERING COLLEGE	Thiruvallur	TAMIL NADU	Approved- Not Registered
Mr. JOSE SHERIL DCOTHA	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Ernakulam	KERALA	Certified
Mr. ARUN SIVARAJ	GECIDUKKI	Idukki	KERALA	Certified
Mr. SANOJ VARGHESE	GOVERNMENT ENGINEERING COLLEGE IDUKKI	Thrissur	KERALA	Certified
Mr. sithananthan k	RAAK COLLEGE OF ENGINEERING AND TECHNOLOGY	Puducherry	PUDUCHERRY	Approved- Not Registered
Mr. Vishnu H	SCMS School of Engineering and Technology	Ernakulam	KERALA	Certified
Dr. T Ravi Kumar	DMS SVH College of Engineering, Machilipatnam	Krishna	ANDHRA PRADESH	Approved- Not Registered
Mr. DHANESH S	SCMS School Of Engineering & Technology	Palakkad	KERALA	Certified
Dr. Raghav G R	SCMS School of Engineering and Technology	Ernakulam	KERALA	Certified
Mr. Suraj R	GEC Thrissur	Ernakulam	KERALA	Certified

Mrs. ANCHANA P	St. Thomas college of engineering and technology	Kottayam	KERALA	Approved - Not Registered
Mr. Nikhil Asok N	Government Engineering College, Thrissur	Ernakulam	KERALA	Certified
Dr. Appadurai M	Nehru College of Engineering and Research Centre	Thrissur	KERALA	Certified
Mr. AKHIL VINOD V	HOLY GRACE ACADEMY OF ENGINEERING	Thrissur	KERALA	Certified
Miss ANISHA ANTU	HOLY GRACE ACADEMY OF ENGINEERING	Ernakulam	KERALA	Registered - Not Certified

Glimpses of FDP

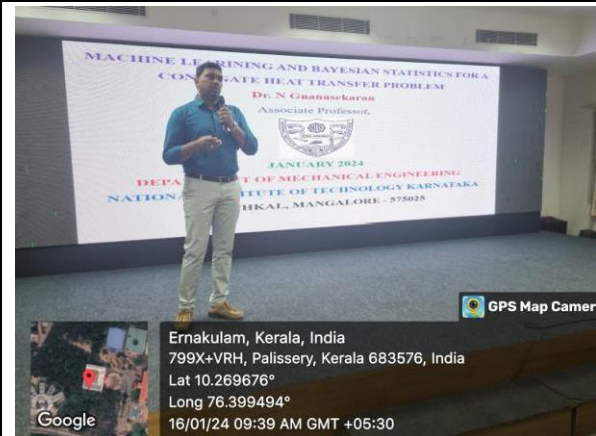




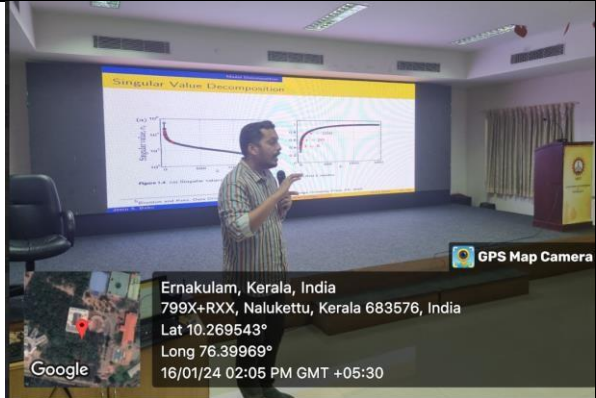
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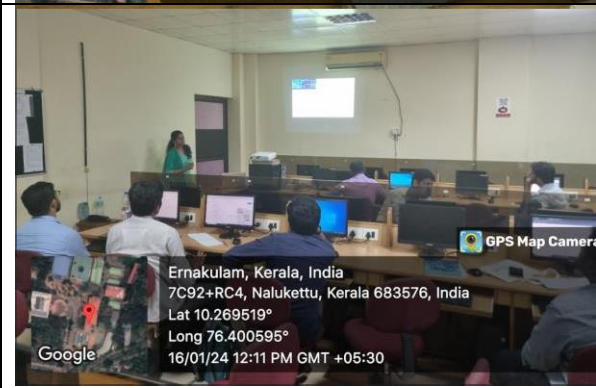
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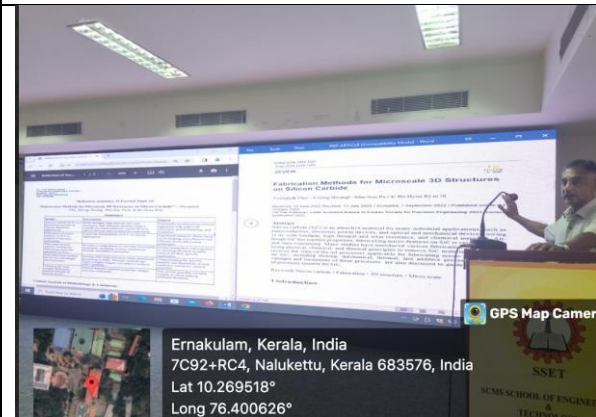
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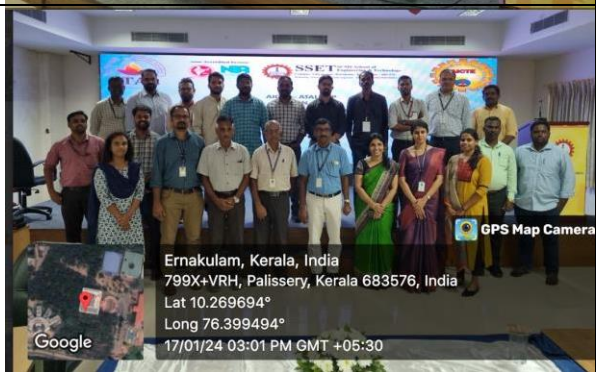
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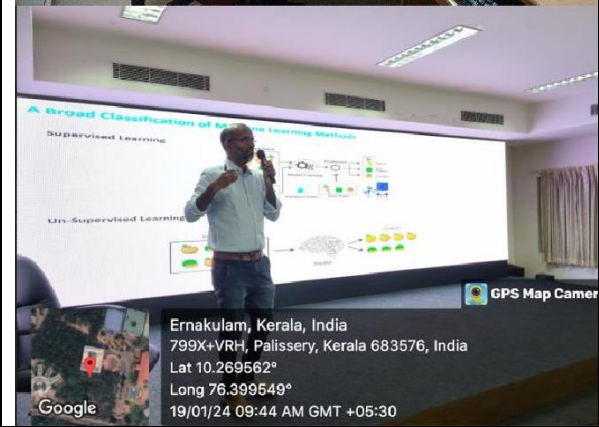
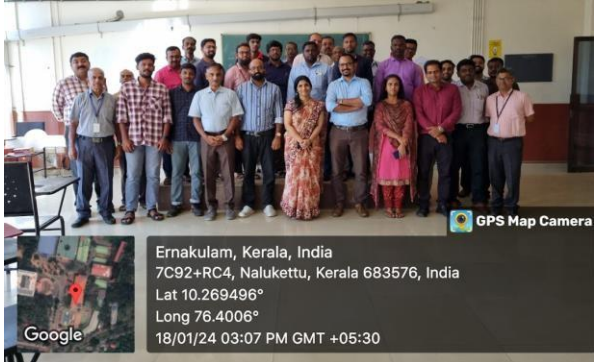
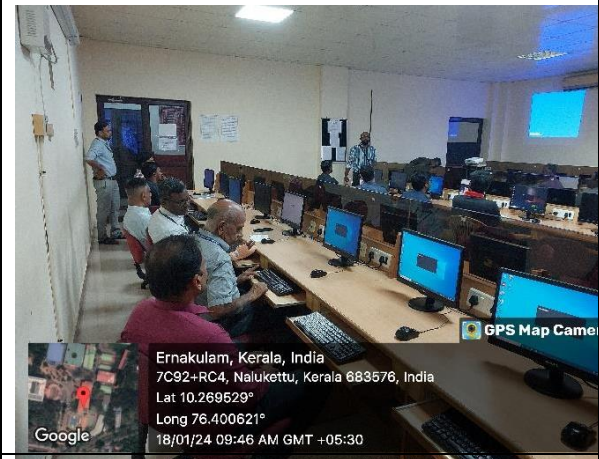
Ernakulam, Kerala, India
799X+VRH, Palissery, Kerala 683576, India
Lat 10.269636°
Long 76.3995°
17/01/24 10:00 AM GMT +05:30



Ernakulam, Kerala, India
7C92+RC4, Nalukettu, Kerala 683576, India
Lat 10.269518°
Long 76.400626°



Ernakulam, Kerala, India
799X+VRH, Palissery, Kerala 683576, India
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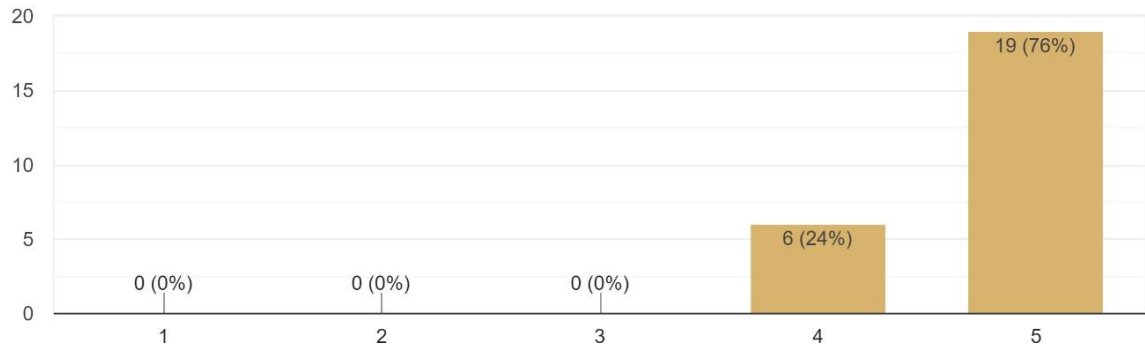


Feedback

All participants have submitted feedback through ATAL portal before downloading their certificates. Below given is the statistical analysis of the feedback collected from the institution side. 25/31 participants have responded through google form and marked their feedback.

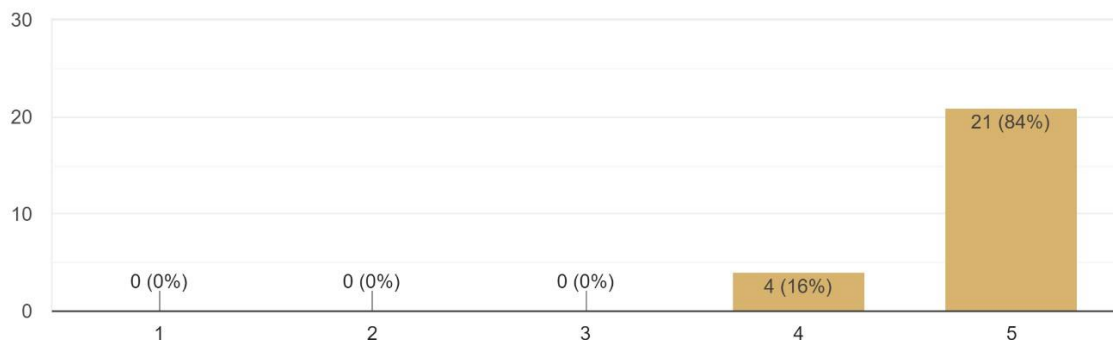
Was the content delivered in the session in accordance with the theme of the FDP?

25 responses



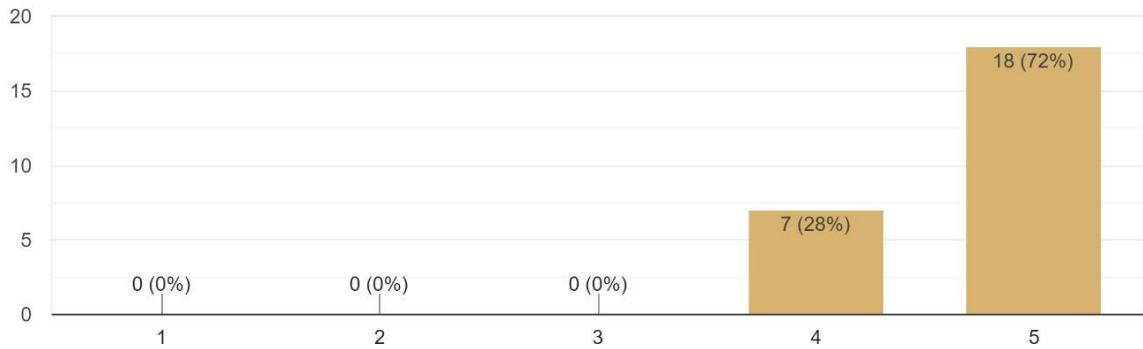
Participation and interaction were encouraged during the session.

25 responses



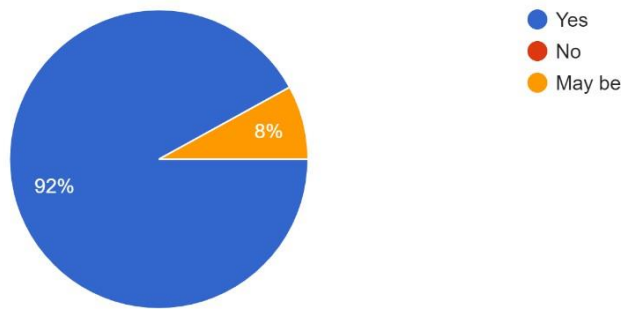
How is the content covered in the session relevant to you?

25 responses



Will you attend similar talks by the speaker in future?

25 responses



What was the most interesting aspect about this session?

25 responses

Coordination
Good resource persons
Hands on Training in ML
All are good
Course delivery and interactions
Application in Mechanical Field
I get the recent methodologies in Mechanical Engineering Field from the Lecture of IIT, NIT professors.
Resource Persons, facilities provided
Emerging Trends: Updated on the latest trends shaping the future of AI, including developments in reinforcement learning, generative models, and AI ethics
Highly qualified lectures in the field of nuclear power plant, engaged the classes.
deliver good information related to AI and ML
ML Applications

All Sessions

Machine learning algorithm

Subject coverage

The hands on session on Machine Learning

Courteous Behaviour of the Organizing Committee

Well organised

Practical session

Hands on

Hands on training

delivery and interaction

The coordination

GOOD SESSIONS

Sessions are short and engaging

Prepared by

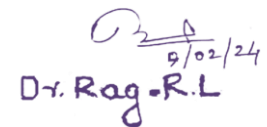


8/02/24

Dr. Vidya Chandran,

FDP Coordinator

HOD, ME



8/02/24
Dr. Rag-R.L