



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University / Accredited by NACC)

NBA Accredited-Mech, EEE and ECE programs)

Dindigul – Palani Highway, Dindigul – 624 002

## DEPARTMENT OF MECHANICAL ENGINEERING

### FACULTY PARTICIPATION (2022-23)

#### 1. Faculty Development Programs:

S.NO	NAME	TOPIC	ORGANIZED BY	EVENT DATE	DAYS
1	Dr. M. MUTHUKANNAN	ME8693 – HEAT AND MASS TRANSFER	JCT College of Engineering and Technology	23.01.2023 - 28.01.2023	5
		MACHINE LEARNING ON DATA ANALYTICS	NIT , Trichy	20.02.2023 - 02.03.2023	10
		WASTE TO ENERGY CONVERSION	NPTEL	Jan – Mar 2023	8 weeks
		INNOVATION, RESEARCH AND IPR JOURNEY TOWARDS EXCELLENCE	Sardar Patel College of Engineering	01.03.2023 - 05.03.2023	5
		ME8595 – THERMAL ENGINEERING – II	Anna University, Chennai	18.07.2022 - 23.07.2022	6
2	Dr. V. KANDAVEL	ADDITIVE MANUFACTURING FOR ENVIRONMENTAL SUSTAINABILITY"	Sri Krishna College of Engineering and Technology	24.11.2022 to 25.11.2022	2
		INDUSTRY 4.0	Skill Lync	03.11.2022	1
		INNOVATION, RESEARCH AND IPR JOURNEY TOWARDS EXCELLENCE	Sardar Patel College of Engineering	01.03.2023 - 05.03.2023	5
		DATA SCIENCE FOR ENGINEERS	NPTEL	Jan – Mar 2023	8 weeks
3	Mr. M. PRABAKARAN	SENSORS AND ACTUATORS	NPTEL	Jan – Apr 2023	12 weeks
4	Mr. P. DHEENATHAYALAN	THE JOY OF COMPUTING USING PYTHON	NPTEL	July – Oct 22	12 weeks

		“INTRODUCTION TO MACHINE LEARNING (TAMIL)”	NPTEL	Jan – Mar 2023	8 weeks
		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	SSMIET	06.02.2023-10.02.2023	10
		ADDITIVE MANUFACTURING FOR ENVIRONMENTAL SUSTAINABILITY	Sri Krishna College of Engineering and Technology	24.11.2022 to 25.11.2022	2
5	Mr. U. KARTHICK	OUTCOME BASED EDUCATION FOR INDUCTEE TEACHERS	Sri Ramakrishna Institute of Technology	02.01.2023 - 06.01.2023	5
6	Mr. P. SHANKAR KANNAN	ME8693 – HEAT AND MASS TRANSFER	JCT College of Engineering and Technology	23.01.2023 - 28.01.2023	5
		ADDITIVE MANUFACTURING FOR ENVIRONMENTAL SUSTAINABILITY	Sri Krishna College of Engineering and Technology	24.11.2022 to 25.11.2022	2
7	Mr. M. SELWIN	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	SSMIET	06.02.2023-10.02.2023	10
		ADDITIVE MANUFACTURING FOR ENVIRONMENTAL SUSTAINABILITY	Sri Krishna College of Engineering and Technology	24.11.2022 to 25.11.2022	2
		SMART AND ADVANCE MANUFACTURING - DESIGN & SIMULATION TANSAM	Naan Mudhalvan	13.02.2023 - 17.02.2023	5
8	Mr. T. KARTHICKMUNISAMY	RECENT TRENDS IN ADDITIVE MANUFACTURING PROCESS AND ITS APPLICATIONS	Karpagam College of Engineering	01.05.2022-05.05.2022	5
		BIOMECHANICS	NPTEL	Jan – Apr 2023	12 weeks

## 2. Workshop Participation:

S.NO	NAME	TOPIC	ORGANIZED BY	EVENT DATE	DAYS
1	Mr. M.MUTHUKANNAN	ROLE OF ASSESSMENT AND ACCREDITATION TOWARDS IMPROVING THE QUALITY OF EDUCATION AND NATIONAL EDUCATIONAL POLICY IMPLEMENTATION IN HIGHER EDUCATIONAL INSTITUTIONS	Kamaraj College of Engineering and Technology	08.02.2023 - 10.02.2023	3
2	Dr. V. KANDAVEL	A HANDS ON TRAINING PROGRAMME IN IOT AND AUTOMATION	PSG Institute of Technolgy and Applied Research	12.05.2023 - 13.05.2023	2
3	Mr. U. KARTHICK	DESIGN THINKING TO PRODUCT DEVELOPMENT	SSMIET	27.12.2022	1
4	Mr. M. SELWIN	RECENT TRENDS IN ENERGY HARVESTING AND STORAGE TECHNOLOGIES	Koneru Lakshmaiah Education Foundation	19.01.2023 - 20.01.2023	2

## 3. Seminar/ Webinar Participation

S.NO	NAME	TOPIC	ORGANIZED BY	EVENT DATE	DAYS
1	Dr. M. MUTHUKANNAN	SKILL ENHANCEMENT PROJECT BASED LEARNING	SRM Madurai College of Engineering and Technology	17.04.2023	1
2	Dr. V. KANDAVEL	SIMULATION FOR MODULAR MANUFACTURING SYSTEM	Automation Studio	12.10.2022	1
		SIMULATION-BASED TROUBLESHOOTING	Automation Studio	13.10.2022	1
		HEALTHCARE INFORMATICS	Study World College of Engineering	01.11.2022	1

		PLC	Automation Studio	25.05.2023	1
2	U. KARTHICK	AMMONIA AS A POTENTIAL ENERGY VECTOR FOR FUTURE ENERGY APPLICATION	Saveetha College of Engineering	25.12.2023	1
3	Mr. M. SELWIN	INCORPORATING PYTHON COMPUTATION IN CLASSROOM TEACHING FOR MECHANICAL ENGINEERING SUBJECTS	RAMCO Institute of Technology	20.12.2022	1

#### 4. STTP/ STC

S.NO	NAME	TOPIC	ORGANIZED BY	EVENT DATE	DAYS
1	Dr. M. MUTHUKANNAN	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	IPR	07.10.2022	1
		WASTE TO ENERGY CONVERSION	NPTEL	JAN-MAR 2023	8 Weeks
2	Dr. M. SABAREESWARAN	SIMULATION SOFTWARE - ROBOANALYZER AND ROBODK	NAAN MUDHALVAN	SEP , 2022	6
		DATA SCIENCE FOR ENGINEERS	NPTEL	JAN-MAR 2023	8 Weeks
		AUTODESK FUSION 360	AUTODESK	29.09.2022	1
3	Dr. V. KANDAVEL	DATA SCIENCE FOR ENGINEERS	NPTEL	JAN-MAR 2023	8 Weeks
4	Mr. T. KARTHICKMUNISAMY	EV DESIGN FOR MECHANICAL ENGINEERS - TNSDC	NAAN MUDHALVAN	01.03.2023	1
5	Mr. U. KARTHICK	INNOVATION BY DESIGN	NPTEL	JAN-FEB 2023	4 Weeks
		JOY OF COMPUTING USING PYTHON	NPTEL	JAN- APR 2023	12 Weeks
6	Mr. P. DHEENATHAYALAN	APPLICATIONS OF SOFT COMPUTING TECHNIQUES AND NUMERICAL MODELLING IN “ADDITIVE MANUFACTURING AND	SARDAR VALLABHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT	17.12.2022 to 21.12.2022	5

		MATERIALS PROCESSING			
7	Mr. M. PRABAKARAN	SENSORS AND ACTUATORS	NPTEL	JAN- MAR 2023	8 Weeks
8	Mr. P. SHANKAR KANNAN	SENSORS AND ACTUATORS	NPTEL	JAN- MAR 2023	8 Weeks
		LASER ASSISTED ADDITIVE MANUFACTURING OF STEEL	IIT KHARAGPUR	09.01.2023 to 16.01.2023	8
9	Mr. M. SELWIN	SENSORS AND ACTUATORS	NPTEL	JAN- MAR 2023	8 Weeks
		SMART MANUFACTURING	NITTTR,CHE NNAI	12.12.2022 to 16.12.2022	5
		NBA ACCREDITATION PROCESS	NITTTR,CHE NNAI	05.12.2022 to 09.12.2022	5