



**International Conference on Engineering Challenges in Global Sustainable Development
30 & 31, January 2025**

Organized by the Department of Mechanical Engineering
PSN College of Engineering and Technology
Melathediyoor- 627 152, Tirunelveli District, Tamil Nadu



Conference Schedule – Day 2 – Friday, 31st January 2025				
TIME (IST)				
FROM (Hrs.)	TO (Hrs.)			
9:30	10:00	Keynote Address 5 (IT Conference Hall) Dr. S. A. Sannasiraj Professor Department of Ocean Engineering Indian Institute of Technology Madras		
10:00	10:30	Keynote Address 7 (IT Conference Hall)		
10:30	11:00	Refreshments		
Oral Session 3 Theme: Structural Engineering and Environmental Engineering Venue: IT Conference Hall Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	SEEEOP 15		
11:15	11:30	SEEEOP 16		
11:30	11:45	SEEEOP 17		
11:45	12:00	SEEEOP 18		
12:00	12:15	SEEEOP 19		
12:15	12:30	SEEEOP 20		
12:30	12:45	SEEEOP 21		
12:45	13:00	SEEEOP 22		
Oral Session 3 Theme: Materials Science and Manufacturing Engineering Venue: PG Seminar Hall Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	MSMEOP 15		
11:15	11:30	MSMEOP 16		
11:30	11:45	MSMEOP 17		
11:45	12:00	MSMEOP 18		
12:00	12:15	MSMEOP 19		
12:15	12:30	MSMEOP 20		
12:30	12:45	MSMEOP 21		
12:45	13:00	MSMEOP 22		

Conference Schedule – Day 2 – Friday, 31st January 2025				
Oral Session 3				
Theme: Thermal Sciences and Energy Engineering				
Venue: MBA Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	TSEEOP 15		
11:15	11:30	TSEEOP 16		
11:30	11:45	TSEEOP 17		
11:45	12:00	TSEEOP 18		
12:00	12:15	TSEEOP 19		
12:15	12:30	TSEEOP 20		
12:30	12:45	TSEEOP 21		
12:45	13:00	TSEEOP 22		
Oral Session 3 Theme: Design Engineering Venue: Marine Seminar Hall Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	DEOP 15		
11:15	11:30	DEOP 16		
11:30	11:45	DEOP 17		
11:45	12:00	DEOP 18		
12:00	12:15	DEOP 19		
12:15	12:30	DEOP 20		
12:30	12:45	DEOP 21		
12:45	13:00	DEOP 22		
Oral Session 3 Theme: Electricity Generation Engineering Venue: EEE Seminar Hall Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	EGEOP 15		
11:15	11:30	EGEOP 16		
11:30	11:45	EGEOP 17		
11:45	12:00	EGEOP 18		
12:00	12:15	EGEOP 19		
12:15	12:30	EGEOP 20		
12:30	12:45	EGEOP 21		
12:45	13:00	EGEOP 22		



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Conference Schedule – Day 2 – Friday, 31st January 2025				
Oral Session 3				
Theme: Electrified Transportation Engineering				
Venue: ECE Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
11:00	11:15	ETEOP 15		
11:15	11:30	ETEOP 16		
11:30	11:45	ETEOP 17		
11:45	12:00	ETEOP 18		
12:00	12:15	ETEOP 19		
12:15	12:30	ETEOP 20		
12:30	12:45	ETEOP 21		
12:45	13:00	ETEOP 22		
13:00	14:00	Lunch		
14:00	14:30	Keynote Address 7 (IT Conference Hall)		
		Dr. Harjit Singh Reader in Sustainable Energy Technologies College of Engineering, Brunel University, London		
14:30	15:00	Keynote Address 8 (IT Conference Hall)		
15:00	15:30	Refreshments		
Oral Session 4				
Theme: Structural Engineering and Environmental Engineering				
Venue: IT Conference Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
15:30	15:45	SEEEOP 23		
15:45	16:00	SEEEOP 24		
16:00	16:15	SEEEOP 25		
16:15	16:30	SEEEOP 26		
16:30	16:45	SEEEOP 27		
16:45	17:00	SEEEOP 28		
Oral Session 4				
Theme: Materials Science and Manufacturing Engineering				
Venue: PG Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
15:30	15:45	MSMEOP 23		
15:45	16:00	MSMEOP 24		
16:00	16:15	MSMEOP 25		

Conference Schedule – Day 2 – Friday, 31st January 2025				
Oral Session 4				
Theme: Materials Science and Manufacturing Engineering				
Venue: PG Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
16:15	16:30	MSMEOP 26		
16:30	16:45	MSMEOP 27		
16:45	17:00	MSMEOP 28		
Oral Session 4				
Theme: Thermal Sciences and Energy Engineering				
Venue: MBA Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
15:30	15:45	TSEEOP 23		
15:45	16:00	TSEEOP 24		
16:00	16:15	TSEEOP 25		
16:15	16:30	TSEEOP 26		
16:30	16:45	TSEEOP 27		
16:45	17:00	TSEEOP 28		
Oral Session 4				
Theme: Design Engineering				
Venue: Marine Seminar Hall				
Chair:				
FROM (Hrs.)	TO (Hrs.)	Oral Session	Paper No.	Title
15:30	15:45	DEOP 23		
15:45	16:00	DEOP 24		
16:00	16:15	DEOP 25		
16:15	16:30	DEOP 26		
16:30	16:45	DEOP 27		
16:45	17:00	DEOP 28		
Oral Session 4				
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Chair:				
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16:45	17:00	ETEOP 28		
17:00	18:00	Conference Valedictory		