

Convention Centre,
IIT Hyderabad



Knowledge Resource
Centre,
IIT Hyderabad



Academic Blocks,
IIT Hyderabad

CIRMAN Workshop on Circular Manufacturing

at
Indian Institute of Technology
Hyderabad

25th - 29th November 2024

Organized by

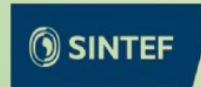


भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad



NORCICS

SFI Norwegian Centre for
Cybersecurity in Critical
Sectors



Supported by  The Research
Council of Norway

PROGRAM OVERVIEW

	Monday, November 25 th Industry Day DAY - 1		Tuesday, November 26 th DAY - 2		Wednesday, November 27 th DAY - 3		Thursday, November 28 th DAY - 4		Friday, November 29 th DAY - 5	
Forenoon Session	9:30	Registration	10:00	Lectures	10:00	Lectures	10:00	Lectures	10:00	Presentations by Students
	10:30 12:30	Schedule to be Decided	12:30		12:30		12:30		12:30	
	12:30 14:00	Lunch	12:30 14:00	Lunch	12:30 14:00	Lunch	12:30 14:00	Lunch	12:30 14:00	Lunch
Afternoon Session	14:00 17:00	Schedule to be Decided	14:00 17:00	• Student Projects	14:00 17:00	• Student Projects • CIRMAN Meeting	14:00 17:00	• Student Projects	Sightseeing	

SCHEDULE

Day 2 : Tuesday November 26th					
Start	End	Room	Module	Lecture	Responsible persons
10:00	10:30		Physical aspects: (LA)	L1: Overview of Circular Manufacturing	Carla Susana Assuad
10:30	11:00			LA1: Product Design for circularity	Shinichi Fukushige
11:00	11:30			Tea + snacks	
11:30	12:00			LA2: Disassembly friendly design as circularity enabler	Sverre Gulbrandsen-Dahl
12:00	12:30			LA3: Flexible and Hybrid Manufacturing processes for CM	AIST, IITH
12:30	2:00			Lunch	
2:00	3:30		Group work:	Student projects	
3:30	4:00			Tea + snacks	
4:00	5:00			Student projects	

Day 3 : Wednesday November 27th					
Start	End	Room	Module	Lecture	Responsible persons
10:00	10:30		Physical aspects: (LA)	LA4: Materials for Circularity	Sverre Gulbrandsen-Dahl
10:30	11:00			LA5: Process Monitoring & Control	Kristian Martinsen
11:00	11:30			Tea + snacks	
11:30	12:00		Digital aspects: (LB)	LB1: Predictive Tools for Circularity (Modelling and simulation)	IITH
12:00	12:30			LB2: Digital Twins for circularity: Single process	IITH
12:30	2:00			Lunch	
2:00	3:30		Group work:	Student projects	
3:30	4:00			Tea + snacks	
4:00	5:00			Student projects	

Day 4 : Thursday November 28th

Start	End	Room	Module	Lecture	Responsible persons
10:00	10:30		Digital aspects: (LB)	LB3: Smart Traceability & Material Passports across the Circular Life Cycle	Kristian Martinsen
10:30	11:00			LC1: Circular Value Chain and Reverse Logistics	Carla Susana Assuad
11:00	11:30		Organizational aspects: (LC)	Tea + snacks	
11:30	12:00			LC2: New Business Development for Circularity	Shozo Takata
12:00	12:30			LC3: Standards for Circularity : Existing & Future Roadmap	Annik Magerholm Fet
12:30	2:00			Lunch	
2:00	3:30		Group work:	Student projects	
3:30	4:00			Tea + snacks	
4:00	5:00			Student projects	

Day 5 : Friday November 29th

Start	End	Room	Module	Lecture	Responsible persons
10:00	11:00		Group work:	Student projects : Presentation	
11:00	11:30			Tea + snacks	
11:30	12:30			Student projects : Presentation	
12:30	2:00			Lunch	
2:00	5:00			Sightseeing	

International Guest House, IITH



Accommodation

- **Student Accommodation**

Accommodation for students will be arranged at IGH (International Guest House) of IITH. The bookings will be made directly by IIT Hyderabad



Hyatt Hyderabad Gachibowli



Sheraton Hyderabad Hotel

- **CIRMAN Team**

We recommend the following hotels

1. Hyatt Hyderabad, Gachibowli
2. Sheraton Hyderabad Hotel, Gachibowli

Please book the rooms at the earliest