



**TWO-DAY NATIONAL CONFERENCE ON
ADVANCES IN POLYMER COMPOSITES
"APC-2024"**

23-24 February, 2024 (Friday-Saturday)

Programme Schedule

DAY-1

Date	Time	Programme
Inauguration (09.00 AM – 09.45 AM)		
23.02.2024 (Friday)	08.30 AM – 09.00AM	Registration
	09.00 AM – 09.45 AM	Inaugural Function
09.45 AM – 10.00 AM : Refreshments		
TECHNICAL SESSION – I (10.00 AM – 12.30 PM) Advanced Matrices and Reinforcements Dr. Saji Devadathan Former Chief Scientist & Head, Quality Assurance & Airworthiness Division (QAAD) CSIR-National Aerospace Laboratories, Bangalore		
23.02.2024 (Friday)	10.00 AM – 10.45 AM	Technical Lecture-1 Dr. Saji Devadathan Topic: Composites by choice.
	10.45 AM – 11.00 AM	Technical Paper Presentation (Oral) - APC01
	11.00 AM – 11.15 AM	Technical Paper Presentation (Oral) - APC02
	11.15 AM – 11.30 AM	Technical Paper Presentation (Oral) - APC03
	11.30 AM – 11.45 AM	Technical Paper Presentation (Oral) - APC04
	11.45 AM – 12.00 PM	Technical Paper Presentation (Oral) - APC05
	12.00 PM – 12.15 PM	Technical Paper Presentation (Oral) - APC06
	12.15 PM – 12.30 PM	Technical Paper Presentation (Oral) - APC07
12.30 PM – 01.30 PM : Lunch		

TECHNICAL SESSION – II (01.30 PM – 03.15 PM)**Composites for Automobile and Aerospace**

Dr. Rahul Rane,
DGM R&D and Technology,
Tata Auto Comp Systems Limited – Composites Division, Pune.

23.02.2024 (Friday)	1.30 PM – 02.00 PM	Technical Lecture-2 Dr. Rahul Rane,
	02.00 PM – 02.15 PM	Technical Paper Presentation (Oral) - APC08
	02.15 PM – 02.30 PM	Technical Paper Presentation (Oral) - APC09
	02.30 PM – 02.45 PM	Technical Paper Presentation (Oral) - APC10
	02.45 PM – 03.00 PM	Technical Paper Presentation (Oral) - APC11
	03.00 PM – 03.15 PM	Technical Paper Presentation (Oral) - APC12

03.15 PM – 03.30 PM : Refreshments

TECHNICAL SESSION – III (3.30 PM – 5.30 PM)**Composites for construction Industries**

Dr. R N Krishna Ph.D (Civil Engineering)
KC Contech, Chennai

23.02.2024 (Friday)	03.30 PM – 04.00 PM	Technical Lecture-3 Scope and Applications for Composites in Civil Engineering
	04.00 PM – 04.15 PM	Technical Paper Presentation (Oral) - APC13
	04.15 PM – 04.30 PM	Technical Paper Presentation (Oral) - APC14
	04.30 PM – 04.45 PM	Technical Paper Presentation (Oral) - APC15
	04.45 PM – 05.00 PM	Technical Paper Presentation (Oral) - APC16
	05.00 PM – 05.15 PM	Technical Paper Presentation (Oral) - APC17
	05.15 PM – 05.30 PM	Special Lecture – 1 B Rimzath Ali , National Sales Manager – Wind Energy, DIAB CORE MATERIALS PVT LTD Topic: Core Infusion

Programme Schedule

DAY-2

Date	Time	Programme
TECHNICAL SESSION – IV (08.45 AM – 10.45 AM) Composites for Biomedical Applications Dr. Manish Anand, Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology Madras		
24.02.2024 (Saturday)	08.45 AM – 09.15 AM	Technical Lecture-4 Dr. Manish Anand Topic: Composites in assistive and enabling technology
	09.15 AM – 09.30 AM	Technical Paper Presentation (Oral) - APC18
	09.30 AM – 09.45 AM	Technical Paper Presentation (Oral) - APC19
	09.45 AM – 10.00 AM	Technical Paper Presentation (Oral) - APC20
	10.00 AM – 10.15 AM	Technical Paper Presentation (Oral) - APC21
	10.15 AM – 10.30 AM	Technical Paper Presentation (Oral) - APC22
	10.30 AM – 10.45 AM	Special Lecture – 2 Dr. Jyotirmayee Dash CEO of TeraLumen Solutions Pvt Ltd Topic: NDT
10.45 AM – 11.00 AM : Refreshments		
TECHNICAL SESSION – V (11.00 AM – 01.00 PM) Advanced nanocomposites Dr.M. Balasubramanian, Professor, Dept. of Metallurgical & Materials Engineering, IIT Madras		
24.02.2024 (Saturday)	11.00 AM – 11.30 AM	Technical Lecture-5 Dr.M. Balasubramanian Topic: Polymer Nanocomposites
	11.30 AM – 11.45 AM	Technical Paper Presentation (Oral) - APC23
	11.45 AM – 12.00 PM	Technical Paper Presentation (Oral) - APC24
	12.00 PM – 12.15 PM	Technical Paper Presentation (Oral) - APC25
	12.15 PM – 12.30 PM	Technical Paper Presentation (Oral) - APC26
	12.30 PM – 12.45 PM	Technical Paper Presentation (Oral) - APC27
	12.45 PM – 01.00 PM	Special Lecture – 3 S.Rajesh Manager -Projects, Extraco Composites India Pvt.Ltd

01.00 PM – 02.00 PM : Lunch

TECHNICAL SESSION – VI (02.00 PM – 3.45 PM)

OTHERS

Dr. V.Velpari, President
Glass Materials & Process Technologies, LLC, Pittsburgh, PA, USA

24.02.2024 (Saturday)	02.00 PM – 02.30 PM	Technical Lecture-6 Dr. V.Velpari Topic: Essentials of Glass Fibers & Composites,
	02.30 PM – 02.45 PM	Technical Paper Presentation (Oral) - APC28
	02.45 PM – 03.00 PM	Technical Paper Presentation (Oral) - APC29
	03.00 PM – 03.15 PM	Technical Paper Presentation (Oral) - APC30
	03.15 PM – 03.30 PM	Technical Paper Presentation (Oral) - APC31
	03.30 PM – 03.45 PM	Technical Paper Presentation (Oral) - APC32
03.45 PM – 04.00 PM : Refreshments		
24.02.2024 (Saturday)	04.00 PM – 04.30 PM	Special Lecture – 4 Dr. T Pazhanikumar, R&D Chief, Anchor Allied Factory LLC, UAE Title: Composite Waterproofing
	04.30 PM – 04.45 PM	Special Lecture – 5 Dr.Mohan
	04.45 PM – 05.15 PM	Feedback, Valedictory & Concluding Remarks

Parallel Session (I)

23.02.2024 (Friday)

(02.00 PM – 03.30 PM)

23.02.2024 (Friday)	02.00 PM – 02.15 PM	Technical Paper Presentation (Oral) - APC33
	02.15 PM – 02.30 PM	Technical Paper Presentation (Oral) - APC34
	02.30 PM – 02.45 PM	Technical Paper Presentation (Oral) - APC35
	02.45 PM – 03.00 PM	Technical Paper Presentation (Oral) - APC36
	03.00 PM – 03.15 PM	Technical Paper Presentation (Oral) - APC37
	03.15 PM – 03.30 PM	Technical Paper Presentation (Oral) - APC38

Parallel Session (II)
23.02.2024 (Friday)
(03.45 PM – 05.15 PM)

23.02.2024 (Friday)	03.45 PM – 04.00PM	Technical Paper Presentation (Oral) - APC39
	04.00 PM – 04.15 PM	Technical Paper Presentation (Oral) - APC40
	04.15 PM – 04.30 PM	Technical Paper Presentation (Oral) - APC41
	04.30 PM – 04.45 PM	Technical Paper Presentation (Oral) - APC42
	04.45 PM – 05.00 PM	Technical Paper Presentation (Oral) - APC43
	05.00 PM – 05.15 PM	Technical Paper Presentation (Oral) - APC44

Parallel Session (III)
24.02.2024 (Saturday)
(09.15 AM – 10.45 AM)

24.02.2024 (Saturday)	09.15 AM – 09.30 AM	Technical Paper Presentation (Oral) - APC45
	09.30 AM – 09.45 AM	Technical Paper Presentation (Oral) - APC46
	09.45 AM – 10.00 AM	Technical Paper Presentation (Oral) - APC47
	10.00 AM – 10.15 AM	Technical Paper Presentation (Oral) - APC48
	10.15 AM – 10.30 AM	Technical Paper Presentation (Oral) - APC49
	10.30 AM – 10.45 AM	Technical Paper Presentation (Oral) - APC49

Parallel Session (IV)
24.02.2024 (Saturday)
(11.30 AM – 12.45 PM)

24.02.2024 (Saturday)	11.15 AM – 11.30 AM	Technical Paper Presentation (Oral) - APC50
	11.30 AM – 11.45 AM	Technical Paper Presentation (Oral) - APC51
	11.45 AM – 12.00 PM	Technical Paper Presentation (Oral) - APC52
	12.00 PM – 12.15 PM	Technical Paper Presentation (Oral) - APC53
	12.15 PM – 12.30 PM	Technical Paper Presentation (Oral) - APC54
	12.30 PM – 12.45 PM	Technical Paper Presentation (Oral) - APC55

Parallel Session (V)
24.02.2024 (Saturday)
(02.30 PM – 03.45 PM)

24.02.2024 (Saturday)	02.30 PM – 02.45 PM	Technical Paper Presentation (Oral) - APC56
	02.45 PM – 03.00 PM	Technical Paper Presentation (Oral) - APC57
	03.00 PM – 03.15 PM	Technical Paper Presentation (Oral) - APC58
	03.15 PM – 03.30 PM	Technical Paper Presentation (Oral) - APC59
	03.30 PM – 03.45 PM	Technical Paper Presentation (Oral) - APC60