

## Recent Advances in Material Science and Computational Techniques (RAMSACT-2024)

Schedule Day 1 (April 4<sup>th</sup>, 2024)

**Inaugural Session (9:45 – 11:20 AM)**

Time/ Venue:	Sharda Pai Auditorium, Academic Block 2
<b>8:30 AM – 9:45 AM</b>	Registration
<b>Session Chair: Prof. Lalita Ledwani, Manipal University Jaipur</b>	
<b>9:45 AM – 11:20 AM</b>	Inaugural Session

Tea Break (11:20 AM – 11:40 AM)

**Session I (11:40 AM – 12:45 PM)**

Session Chair: Prof. Neelima Gupta, University of Rajasthan	
Time/ Venue:	Sharda Pai Auditorium, Academic Block 2
<b>11:40 AM – 12:10 AM</b>	Keynote Lecture 1 Prof. Rajendra Srivastava, IIT Ropar
<b>12:15 AM – 12:45 AM</b>	Keynote Lecture 2 Prof. Ashwani Kumar Tiwari, IISER Kolkata

Lunch Break (12:45 PM – 2:00 PM)

**Session II (2:00 PM – 3:50 PM)**

	Session Chair: Prof. Rahul Shrivastava, Manipal University Jaipur (Session IIA)	Session Chair: Prof. Kalpana Sharma, Manipal University Jaipur (Session IIB)
Time/ Venue:	Sharda Pai Auditorium, AB2	Seminar Hall 105, AB1
<b>2:00 PM – 2:30 PM</b>	Keynote Lecture 3 Prof. D K Maiti, Biswa Bangla Bisbidyalaya	Keynote Lecture 5 Prof. Madhu Jain, IIT Roorkee
<b>2:35 PM – 3:05 PM</b>	Keynote Lecture 4 Prof. Bhajan Lal UTP Malaysia	Keynote Lecture 6 Prof. C K Jaggi, Univ. of Delhi
<b>3:10 PM – 3:30 PM</b>	Invited Lecture 1 Prof. Manav Saxena, Jain Univ. Bangalore	Invited Lecture 3 Prof. Phani Motamarri, IISc Bangalore
<b>3:35 PM – 3:55 PM</b>	Invited Lecture 2 Prof. Shathrugnan Kartikeyan, Frontiers Laboratories, Japan	Invited Lecture 4 Prof. Chandra Shekhar, BITS Pilani

Tea Break/Poster Session\* I (3:55 PM – 4:30 PM)

**Session III (4:30 PM – 5:15 PM)**

	Session Chair: Prof. Mousumi Debnath, Manipal University Jaipur (Session IIIA)	Session Chair: Prof. Anees Ahmed Yunus Khan, Manipal University Jaipur (Session IIIB)
<b>Time/ Venue:</b>	<b>Sharda Pai Auditorium, AB2</b>	<b>Seminar Hall 105, AB1</b>
<b>4:30 PM – 4:50 PM</b>	Invited Lecture 5 Prof. Nidhi Pareek, CURAJ	Invited Lecture 7 Prof. Dzulkarnain Saini, UTP Malaysia
<b>4:55 PM – 5:15 PM</b>	Invited Lecture 6 Prof. Ashish Das, BITS Pilani	Invited lecture 8 Prof. Khairul A. Jumbri, UTP Malaysia

#### Technical Session\* I

	Session Chair: Prof. Nitesh Poddar (Session TS1A)	Session Chair: Prof. Naveen Kumar Singh (Session TS1B)	Session Chair: Prof. Richa Sharma, JKLU (Session TS1C)
<b>Time/ Venue:</b>	<b>Sharda Pai Auditorium, AB2</b>	<b>Seminar Hall 105, AB1</b>	<b>Seminar Hall 307, AB1</b>
<b>5:15 PM – 5:30 PM</b>	Contributory Talk 1	Contributory Talk 6	Contributory Talk 11
<b>5:30 PM – 5:45 PM</b>	Contributory Talk 2	Contributory Talk 7	Contributory Talk 12
<b>5:45 PM – 6:00 PM</b>	Contributory Talk 3	Contributory Talk 8	Contributory Talk 13
<b>6:00 PM – 6:15 PM</b>	Contributory Talk 4	Contributory Talk 9	Contributory Talk 14
<b>6:15 PM – 6:30 PM</b>	Contributory Talk 5	Contributory Talk 10	Contributory Talk 15

Dinner (7:00 PM- 9:00 PM)

End of Day 1

Day 2 (April 5<sup>th</sup>, 2024)  
Session IV (9:15 AM – 11:00 AM)

Session Chair: Prof. Praveen Kumar Surolia, Manipal University Jaipur	
Time/ Venue:	<b>Vasanti Pai Auditorium, AB3</b>
9:15 AM – 9:55 AM	Plenary Lecture 1 Professor Urmila Diwekar, VRI USA
10:00 AM – 10:30 AM	Keynote Lecture 7 Professor K Balani, IIT Kanpur
10:35 AM – 11:05 AM	Keynote Lecture 8, Prof. Seema Garg, Amity University

Tea Break (11:05 AM – 11:20 AM)

Session V (11:20 AM – 01:15 PM)

	Session Chair: Prof. S. Karthikeyan, Manipal University Jaipur (Session VA)	Session Chair: Prof. Devershi Pallavi Bhatt, Manipal University Jaipur (Session VB)	Session Chair: Prof. Abhijeet Singh, Manipal University Jaipur (Session VC)
Time/ Venue:	<b>Seminar Hall 105, AB1</b>	<b>TMA Pai Auditorium. AB2</b>	<b>Vasanti Pai Auditorium, AB3</b>
11:20 AM – 11:50 PM	Keynote Lecture 9 Prof. Kaustubha Mohanty, IIT Guwahati	Keynote Lecture 11 Mr. Shailesh Goswami Foyr, Pune	Keynote Lecture 13 Prof. Shrish Tiwari, CCMB Hyderabad
11:55 PM – 12:25 PM	Keynote Lecture 10 Prof. Kalpit, RMIT Australia	Keynote Lecture 12 Prof. Vikas Pareek MGCU, Bihar	Keynote Lecture 14 Prof. Kulwant Singh, SGPGI Luchnow
12:30 PM – 12:50 PM	Invited Lecture 9 Prof. Vinu R, IIT Madras	Invited Lecture 11 Prof. Bapan Ghosh, IIT Indore	Invited Lecture 13 Prof. Akhil Agarwal, CURAJ
12:55 PM – 1:15 PM	Invited Lecture 10 Prof. Pratik, BITS Pilani	Invited Lecture 12 Prof. U C Gupta, IIT Kharagpur	Invited Lecture 14 Prof. Prabhat Jha, BITS Pilani

Lunch Break (1:15 PM – 2:00 PM)

Session VI (2:00 PM – 4:00 PM)

	Session Chair: Prof. M. M Sharma, Manipal University Jaipur (Session VI A)	Session Chair: Prof. Susruta Samanta, Manipal University Jaipur (Session VI B)
Time/ Venue:	<b>Vasanti Pai Auditorium, AB3</b>	<b>TMA Pai Auditorium AB2</b>
2:00 PM – 2:30 PM	Keynote Lecture 15	Keynote Lecture 16

	Prof. Ashok Kumar, AIIMS Bhopal	Prof. Susanta Mahapatra, UoHyd
<b>2:30 PM – 2:50 PM</b>	Invited Lecture 15 Prof. Nita Parekh, IIIT Hyderabad	Invited Lecture 18 Prof. Pradeep Kumar, MNIT Jaipur
<b>2:50 PM – 3:10 PM</b>	Invited Lecture 16 Prof. Prashant Pawar, RCB Faridabad	Invited Lecture 19 Prof. Satish Shinde IIT Hyderabad
<b>3:10 PM – 3:30 PM</b>	Invited Lecture 17 Prof. Shankar Manoharan, IIT Jodhpur	Invited Lecture 20 Prof. Nilanjan Halder, Manipal University Jaipur
<b>3:30 PM – 4:00 PM</b>	Sponsors Event	

## Tea Break/Poster Session\* II (4:00 PM – 4:30 PM)

### Session VII

	Session Chair: Prof. Abhishek Sharma, Manipal University Jaipur (Session VIIA)	Session Chair: Prof. Sriparna Ray, Manipal University Jaipur (Session VIIB)
Time/ Venue:	<b>Vasanti Pai Auditorium, AB3</b>	<b>TMA Pai Auditorium AB2</b>
<b>4:30 PM – 4:50 PM</b>	Industry-Academia Session Mr. Dinesh Chopra, Chairman, ICC, IAC	Invited Lecture 23 Prof. Hayyiratul Fatimah, UTP Malaysia
<b>4:55 PM – 5:15 PM</b>		Invited Lecture 24 Prof. Noridah Binti Osman, UTP Malaysia

### Technical Session\* II

	Session Chair: Prof. Shilpa Sharma, Manipal University Jaipur (Session TS2A)	Session Chair: Prof. K P Mishra, Manipal University Jaipur (Session TS2B)	Session Chair: Prof. Anupam Sharma, Manipal University Jaipur (Session TS2C)
Time/ Venue:	<b>TMA Pai Auditorium AB2</b>	<b>Seminar Hall 105, AB1</b>	<b>Seminar Hall 307, AB1</b>
<b>5:15 PM – 5:30 PM</b>	Contributory Talk 16	Contributory Talk 21	Contributory Talk 26
<b>5:30 PM – 5:45 PM</b>	Contributory Talk 17	Contributory Talk 22	Contributory Talk 27
<b>5:45 PM – 6:00 PM</b>	Contributory Talk 18	Contributory Talk 23	Contributory Talk 28
<b>6:00 PM – 6:15 PM</b>	Contributory Talk 19	Contributory Talk 24	Contributory Talk 29
<b>6:15 PM – 6:30 PM</b>	Contributory Talk 20	Contributory Talk 25	Contributory Talk 30

## Dinner (7:00 PM- 9:00 PM)

**End of Day 2**

## Day 3 (April 6<sup>th</sup>, 2024)

### Session VIII

Session Chair: Prof. Sandeep Kumar Srivastava, Manipal University Jaipur	
Time/ Venue:	TMA Pai Auditorium AB2
9:30 AM – 10:10 AM	Plenary Lecture 3 Prof. B. Gopal, IISc Bangalore
10:15 AM – 10:35 AM	Invited Lecture 25 Prof. Tikam Dakal, MSU Jodhpur
10:40 AM – 11:00 AM	Invited Lecture 26 Prof. Tripti Srivastava, THSTI Faridabad

## Tea Break (11:00 AM – 11:15 AM)

### Session IX (11:00 AM – 01:30 PM)

	Session Chair: Prof. Ashish Kumar, Manipal University Jaipur (Session IXA)	Session Chair: Prof. Mohd. Rizwan, Manipal University Jaipur (Session IXB)	Session Chair: Prof. Saikat Chattopadhyay, Manipal University Jaipur (Session IXC)
Time/ Venue:	TMA Pai Auditorium AB2	Seminar Hall 105, AB1	Seminar Hall 307, AB1
11:15 AM – 11:30 AM	Contributory Talk 31	Contributory Talk 35	Contributory Talk 39
11:30 AM – 11:45 AM	Contributory Talk 32	Contributory Talk 36	Contributory Talk 40
11:45 AM – 12:00 PM	Contributory Talk 33	Contributory Talk 37	Contributory Talk 41
12:00 PM – 12:15 PM	Contributory Talk 34	Contributory Talk 38	Contributory Talk 42

### Session X (11:00 AM – 01:30 PM)

Time/ Venue:	TMA Pai Auditorium AB2
12:15 PM – 12:45 PM	Poster Prize Distribution
12:45 PM – 1:15 PM	Valedictory Function

## End of the Conference with Lunch (1:00 PM Onwards)

\*Visit [www.ramsact.in](http://www.ramsact.in) for the detailed Schedule of Contributory Talks and Poster Sessions.