

TRANSIT

TRANSITIONING RESEARCH 2026

JUNE 10-12 • PUNE INTERNATIONAL CENTRE • INDIA

Host State



Government of Maharashtra

Organised by



Programme Agenda

Day 1 – Jun 10, 2026 · Alignment & Gap Validation		
TIME	SESSION / TRACK	SESSION / TRACK
08:00- 09:00 AM	Registration & Networking Breakfast	
09:00-09:10 AM	Welcoming Remarks - Prof. Sunil Bhirud, Vice Chancellor, COEP Technological University, Pune	
09:10- 09:40 AM	Mid TRL Mission and Planned Innovation Acceleration Institute - Dr. Milind Pimprikar, Chairman, CANEUS International	
09:40 - 10:00 AM	Workshop Framing By Dr. Prakash Patnaik, CANEUS International	
10:00 - 11:45 AM	Hall 1 - TRACK A: Aerospace & Defence Sub Topics: * Aerospace Propulsion * Defence Electronics * Autonomous Systems * Certification * Critical Materials * MSME/OEM Collaboration	Hall 3 TRACK B: Energy Sub Topics: * SMRs / Microreactors * Strategic Energy Systems * Hydrogen / Sustainable Fuels * Power Materials * Energy Hardware * MSME Supply Chain
	Moderator: Mr. Nishanth Kashyap, Consulting Editor, Economic Times	Mod: Mr. Mahesh Deodhar, Head - CSEM, PICM
	Lead: Mr. Akhilesh Sharma, Retired Outstanding Scientist, Ex-DRDO	
	Panelists:	Panelists:
	1. Mr. Khushal Birari, Director Asia Sourcing, Woodward, Inc	1. Dr. Praveen Kumar Phutane Executive Director, Kala Group
	2. Mr. Chetan Dhariya, Director Anant Defence System	2. Dr. Milind Kulkarni Centre Head & Scientist 'F', CMET
	3. Mr. Venkatesan K, General Manager & Head - Design & Development, Centre, L&T Precision Engineering and Systems IC	3. Mr S. Prasad, Founder & Chairman, Krest Engineering and Technologies Pvt Ltd
	4. Mr. Debadatta Mishra, CEO & CTO Apex Space Exploration Pvt. Ltd.	4. Mr. Vijay Bhalerao, General Manager, Welding & Metallurgy, Walchandnagar Industries Limited, Pune
	5. Mr. Gangadhar Rajana, Director Customer Service & Subject Matter Expert, SAFRAN	
	6. Mr. Prashant Mahajan, Head – Technology and Concept Development, L&T Ltd. Precision Engineering and Systems Ltd.	

	Rapporteur	Rapporteur
	Dr. S. S. Ohol, Associate Professor	Dr. (Mrs.) Archana. G. Thosar, Professor
	Dr. P. S. Shinde, Assistant Professor	Dr. Vinit Kanade
11:45-11:55 AM	Break	
12:00	Inaugural Ceremony	
12-12:05	Arrival of Hon'ble Governor	Reception at venue entrance; escort to VIP lounge / dais as per protocol.
12:05-12:17	National Anthem / Vande Mataram / Maharashtra Geet / Traditional inauguration / lamp lighting	Dr. Vedant Kulkarni, Faculty, COEP Tech University
12:17-12:20	Felicitation	Secretary to Hon'ble Governor and ACS, THE GoM
12:20-12:22	Launch of Mid-TRL Innovation Acceleration Handbook	Hon'ble Governor, Shri Jishnu Dev Varma
12:22-12:30	Welcome remarks / Context-setting remarks	Dr. Milind Pimprikar, Chairman, CANEUS International
12:30 -12:40	Inaugural perspective	Padma Vibhushan Dr. R. A. Mashelkar
12:40-12:55	Inaugural address	Hon'ble Governor Shri Jishnu Dev Varma
12:55- 13:00	Vote of Thanks	Prof. Sunil Bhirud, Vice Chancellor, COEP Technological University.
01:00 - 02:00 PM	Hall 2 - Lunch	
02:00 - 03:30 PM	Hall 1 - TRACK C : Materials, Sensors & Devices	Hall 3 - TRACK D: Reliability & Cost Efficiency
	Sub Topics: * High-Temperature Materials * Composites / Additive Manufacturing * Sensor Materials * Harsh-Environment Electronics * Materials Scale-Up * Systems Integration	Sub Topics: * Reliability Assurance * Certification Pathways * Quality / Testing * Digital Manufacturing * Cost Reduction * Deployment Readiness
	Mod: Dr. Prakash Patnaik	Mod: Mr. Alok Mukherjee, President, Robotic Society India
	Lead: Prof. Suresh Gosavi, Vice Chancellor, Savitribai Phule Pune University (SPPU)	Lead: Dr. Manmohan Singh, manmohanjs Former Director VRDE Ahmednagar, DRDO
	Panelists:	Panelists:
	1. Dr. Raj Kumar Singh, Head of R&D, Bharat Forge	1. Mr. Yogesh Ahlawat, Director, DGAQA
	2. Dr. Praveen Kumar, Scientist-G, DRDO-ARDE	2. Dr. Zafir Alam, Scientist 'F', DMRL
	3. Dr. S.S. Satheesh Kumar, Scientist 'F', DMRL	3. Mr. Taher Sakriwala, Manager- Reliability & Safety, Electrical Sector, EATON
	4. Mr. Kalyan Chakravarty, Director Technology, KCS Engineering And Co., Hyderabad	4. Dr. Pradip K. Chattopadhyay, Former DRDO - online
	5. Mr. Bhushan Darekar, Founder CEO, AgMove Robotic	
	6. Dr. Satyam S. Sahay, John Deere Fellow & Head, Advanced Engineering & AI Transformation, John Deere Enterprise Technology & Engineering Center	
	Rapporteur	Rapporteur
	Dr. Manisha Kulthe, Assistant Professor and Head	Dr. Bhagwan U. Sonawane, Associate Professor
Dr. Mrs. N. V. Iyer, Assistant Professor	Dr. S. S. Pardeshi, Associate Professor	
Mrs. Meera A. Khandekar, Assistant Professor		
03:30-03:45	Break	
03:45-05:00 PM	Output: Cross-sector technology bottlenecks	
05:00-06:00 PM	Output: Validated gap themes for Day 2	
06:00 - 06:30 PM	Networking	

Day 2 – Jun 11, 2026 Deep Dive & Project Formulation

TIME	SESSION / TRACK	SESSION / TRACK	SESSION / TRACK
09:00-09:30 AM	Output: Recap of Day 1 Presentation of validated gap themes		
	Rapporteur: 3 from day 1 (10 min each)		
09:30 - 09:45 AM	Project Concept formulation Dr. Prakash Patnaik		
09:45-11:30 AM Parallel breakouts Solution Ideation Breakouts	BREAKOUT 1 Hydrogen Propulsion, Storage & Smaller Modular Reactors Problem · Solution · TRL progression . Project Concept Formulation Faculty:	BREAKOUT 2 Advanced Materials Problem · Solution · TRL progression Project Concept Formulation Faculty:	BREAKOUT 3 Drone Autonomy & Certification Problem · Solution · TRL progression Project Concept Formulation Faculty:
Each group defines: Problem statement Proposed solution Target TRL progression	Rapportors from day 1 will form groups Group Leader: Mr. Ajit Kate, Mahindra Lead Speaker : Dr. Samyak Munot, Co-Founder and CTO, IVNS TechSolutions Mr. Hiren Bhatt, Former Scientist and Head, VEDAS Research Group Team Members: others	Group Leader: Dr. Milind Acharya + 3. Dr. Mr. Satish Ogale, IISER 1 Rapportor Team Members:	Group Leader: Brigadier Veeresh Team Members: Mr. Ghanshyam Naik
Output: Initial Project Concepts			
11:30-11:45	Break		
11:45-13:00 AM-2	Output: Draft 1 - Project Structuring		
	Rapporteur		
	Each group develops technical scope Required Partners: 1) OEMs 2) MSMEs 3) Academia 4) Infrastructure Needs 5) Funding Pathways (Govt.+ Private)		
	Output: Draft Project Concept Notes (1-pager each)		
13:00-14:00	Hall 2 - Lunch		
14:00-15:30 PM-1 Industry & Government Sessions Collaboration Policies & Funding	1) MID TRL Collaboration Policy (BARC) Mr. Daniel Babu- Director of Technology Transfer & Collaborations 2) Low TRL Collaboration Policy - CITER, Mr. Janak Nabhar 3) Govt. Investment Low TRL Dr. Shivkumar Kalyanaraman, CEO, ANRF 4) Govt. Investment Mid/High TRL (SIDBI) 5) Low TRL Private Investment 6) High TRL Private Investment Refined concepts Faculty:		
	Feasibility Funding Alignment Strategic Importance		

	Output: Refined project concepts		
15:30-15:45	Break		
15:45-17:30 PM-2	Output: Consortium Building (5-6 confirmed consortia)		
	Project Concept Formulation (3 to 6)		
17:30-18:00 PM-2	Day 2 Wrap-Up - Presentation of top projects		
	Rapporteur: 3		
Day 3 – Jun 12, 2026 · Commitment & Roadmap			
09:00-09:30 AM-1	Output: Recap of Project Portfolio (From Day 2)		
	Rapporteur: 3 (10 min each)		
	Rapporteur Names		
09:30-11:00 AM-1	Output: Project Pitches (Plenary)		
	Each group presents:		
	<ul style="list-style-type: none"> 1) Problem 2) Solution 3) Impact 4) Partners 		
	Panelists:		
	Government		
	OEMs		
	Investors		
	Output: Prioritized project shortlist		
11:00-11:15	Break		
11:15-12:30 AM-2	Implementation Roadmap Session		
	Define:		
	6-month milestones		
	12-24-36-month goals		
	Required infrastructure (labs, testbeds)		
	Project Leads		
	Output: Draft execution roadmap		
12:30-13:30	Hall 2 - Lunch		
13:30-15:00 PM-1	Output		
	Summary of:		
	Key gaps		
	Priority projects		
	Collaboration commitments		
15:00-15:30 PM-1	Output: Pune Declaration Drafting		
15:30 - 16:00	Address by Shri C. P. Radhakrishnan , Hon'ble Vice President of India		
16:30+ PM-2	Closing Plenary Final remarks Next steps: Follow-up meetings Program office creation		