



# TELANGANA SCIENCE CONGRESS (TSC-2025)

19<sup>th</sup> – 21<sup>st</sup> August 2025  
PROGRAMME SCHEDULE



## DAY 1 : 19-08-2025 (TUESDAY)

08.30 – 9.45	REGISTRATION		AUDITORIUM
9.45 – 11.15	INAUGURAL FUNCTION		
11.15 – 11.30	HIGH TEA		
Theme	Time	Event	Venue
11.30 – 13.00		Plenary Session – I (Distinguished Lectures)	
Plenary Session - I	11.30 - 12.15	1. <i>TB-mechanistic insights into how the causative pathogen survives in the host.</i> Dr. Vinay K Nandicoori, Director, CSIR-CCMB, Hyderabad	AUDITORIUM
	12.15 - 13.00	2. <i>R&amp;D in Defence Technologies – Opportunities and Challenges: A 2047 Perspective</i> Sri G. Viswam, Director, LRDE, DRDO, Bengaluru	
13.00 - 14.00	LUNCH		Sports Complex
14.00 - 15.45	THEMATIC PARALLEL SESSIONS – I (Invited Lectures & Oral Presentations)		VENUE
PHYSICAL SCIENCES	14.00 – 14.45	1. <i>Neutrons and the material world</i> Dr. Vasudeva Siruguri, Former Director, UGC-DAE-CSR Centre, Mumbai	PHYSICS SEMINAR HALL
	14.45 – 15.45	Oral Presentations: PS-O - 01 to 05	
MATHEMATICAL SCIENCES	14.00 – 14.45	1. <i>Galerkin and Discrete Galerkin Methods for Hammerstein Integral Equations on Unbounded Domain</i> Prof. N. Gnaneshwar, Dept. of Mathematics, IIT, Kharagpur	MATHEMETICS SEMINAR HALL
	14.45 – 15.45	Oral Presentations: MS-O - 01 to 05	
ENGINEERING & TECHNOLOGY	14.00 – 14.45	1. <i>Digital Disruption and Engineering Paradigms: Preparing the Next-Gen Technologists</i> Prof. Bidyadhar Subudhi, Director, NIT, Warangal	COMMERCE SEMINAR HALL
	14.45 – 15.45	Oral Presentations: ET-O - 01 to 05	
CHEMICAL SCIENCES	14.00 – 14.45	1. <i>Strategic design for efficient utilisation of bio-based resources</i> Prof. Thallada Bhaskar, Director, CSIR-AMPRI, Bhopal	CHEMISTRY SEMINAR HALL
	14.45 – 15.45	Oral Presentations: CS-O - 01 to 05	
LIFE SCIENCES & AGRICULTURAL SCIENCES	14.00 – 14.45	1. <i>You are what you eat: Diet Gene Interaction</i> Dr. K. Rajender Rao, Scientist-F, ICMR-NIN, Hyderabad	ZOOLOGY SEMINAR HALL
	14.45 – 15.45	Oral Presentations: LAS-O - 01 to 05	
MEDICAL, HEALTH & PHARM. SCIENCES	14.00 – 14.45	1. <i>PCOD in teenage and Cervix Cancer preventive measure/Prophylaxis</i> Prof. Rama Saraladevi, Head, Obstetrics & Gynaecology , KMC, Wgl	PHARMACY SEMINAR HALL
	14.45 – 15.45	Oral Presentations: MHPS-O - 01 to 05	
EARTH, OCEAN, ATMOSPHERIC & ENVIRONMENTAL SCIENCES	14.00 – 14.45	1. <i>Impact of Climate change on Water Resources</i> Dr. A G S Reddy, Sr. Scientist and Faculty, RNGWTRI, Raipur	PHARMACY MINI SEMINAR HALL
	14.45 – 15.45	Oral Presentations: EOAES-O - 01 to 05	
14.00 – 15.45	SPECIAL THEME SESSIONS - I		VENUE
INTERACTION OF STUDENTS WITH SCIENTISTS	Coordinator: Dr. Ch. Mohan Rao, Sr. Professor Emeritus, BITS, Hyd & Former Director, CCMB, Hyd.		SENATE HALL
	14.00 – 15.45	1. Dr. T. V. Venkateswaran, Sr. Scientist (Rtd), Vigyan Prasasr, New Delhi 2. Dr. Martha N. Reddy, Sr. Scientist (Rtd), LSTC, DRDO 3. Prof. A. Ramachandraiah, Professor of Chemistry (Rtd), NIT, Warangal	
15.45 – 16.00	TEA BREAK		AT SESSIONS
16.00 – 17.30	THEMATIC PARALLEL SESSIONS – II (Invited Lectures & Oral Presentations)		
PHYSICAL SCIENCES	16.00 – 16.40	2. <i>Earth Observations for Climate Change: The Role of Clouds in the Climate System</i> Dr. K. V. Subrahmanyam, Scientist-SF, NRSC, Hyderabad	PHYSICS SEMINAR HALL
	16.40 – 17.30	Oral Presentations: PS-O - 06 to 10	

DAY 1 (Cont'd...)			
MATHEMATICAL SCIENCES	16.00 – 16.40	2. <i>Millennium Prize Problems – A Popular Talk</i> Prof. K. Satyanarayana, Professor of Mathematics (Rtd), Osmania University, Hyderabad	MATHEMETICS SEMINAR HALL
	16.40 – 17.30	Oral Presentations: MS-O - 06 to 10	
ENGINEERING & TECHNOLOGY	16.00 – 16.40	2. <i>Opportunity Cost of Irrigation Projects in Telangana: A Scientific Perspective</i> Prof. More Ramulu, Advisor-I & Member Secretary (I/c), AICTE, Govt. of India	COMMERCE SEMINAR HALL
	16.40 – 17.30	Oral Presentations: ET-O- 06 to 10	
CHEMICAL SCIENCES	16.00 – 16.40	2. <i>Design of Novel Nano-oxide Catalysts for Energy and Environmental Applications</i> Prof. B. M. Reddy, Sr. Professor Emeritus, BITS Pilani, Hyderabad	CHEMISTRY SEMINAR HALL
	16.40 – 17.30	Oral Presentations: CS-O - 06 to 10	
LIFE SCIENCES & AGRICULTURAL SCINCES	16.00 – 16.40	2. <i>Climate Change and Crop Productivity: Challenges and Opportunities</i> Prof. K. Raja Reddy, Mississippi University, USA (Online)	ZOOLOGY SEMINAR HALL
	16.40 – 17.30	Oral Presentations: LAS-O - 06 to 10	
MEDICAL, HEALTH & PHARM. SCIENCES	16.00 – 16.40	2. <i>Neurosteroid-Based New Drug Development for Complex Brain Disorders</i> Prof. D. Samba Reddy, Director, Texas A&M Univ. College of Medicine, USA	PHARMACY SEMINAR HALL
	16.40 – 17.30	Oral Presentations: MHPS-O - 06 to 10	
EARTH, OCEAN, ATMOSPHERIC & ENVIRON. SCINCES	16.00 – 16.40	2. Trade-off between Thermophilic Anaerobic Co-Digestion and Improved Methane Yield Prof. Sankar Ganesh Palani, BITS Pilani, Hyderabad Campus.	PHARMACY MINI SEMINAR HALL
	16.40 – 17.30	Oral Presentations: EOAES-O - 06 to 10	
16.00 – 17.30	SPECIAL THEME SESSIONS - II		
INTERACTION OF STUDENTS WITH SCIENTISTS	Coordinator: Dr. Ch. Mohan Rao, Former Director, CCMB, Hyd & Sr. Professor Emeritus, BITS, Hyderabad		SENATE HALL
	16.00 – 17.30	1. Dr. T. V. Venkateswaran, Sr. Scientist (Rtd), Vigyan Prasar, New Delhi 2. Dr. N. Eshwara Prasad, Former Director, DMSRDE & Sr. Scientist DRDO 3. Prof. A. Ramchandraiah, Professor of Chemistry (Rtd), NIT, Warangal	
17.30	TEA BREAK		AT THEMATIC SESSIONS
17.45 – 19.00	POSTER PRESENTATION (First Half of All Themes) Coordinator: Dr. P. Venkataiah, Asst. Professor of Microbiology, KU, Wgl		
19.00 – 20.30	CULTURAL PROGRAMME Coordinator: Prof. E. Narayana, Professor of Zoology & Program Coordinator, NSS, KU, Wgl		AUDITORIUM
20.30 – 21.30	DINNER		SPORTS COMPLEX
DAY 2: 20-08-2025 (WEDNESDAY)			
08.00 – 09.00	BREAKFAST		GUEST HOUSE
09.00 – 11.00	SPECIAL THEME SESSIONS – III (Invited Lectures)		VENUE
BioE3 (Biotechnology for Economy, Environment and Employment)	Coordinators: Prof. A. Ramchandra Reddy, Former Vice-Chancellor, Yogi Vemana University, Kadapa Prof. N. Ramaswamy, Professor of Biotechnology (Rtd), Kakatiya University, Wgl Prof. M. Estari, Professor of Zoology, Kakatiya University, Wgl		MATHEMATICS SEMINAR HALL
	09.00 – 09.50	1. <i>Prospects and Applications of Genome Editing in Rice</i> Dr. S.K. Mangrauthia, Sr. Scientist, IIPR, Hyderabad	
	09.45 – 10.40	2. <i>Sustainable Biomanufacturing for Bio E3: Empowering Energy, Environment and Economy</i> Dr. Adelly Uma, Dept. of Biotechnology, JNTUH, Hyderabad	
	10.40 – 11.00	Discussion	

## DAY 2 (Cont'd...)

<b>PARADIGM SHIFT IN SPACE PROGRAM</b>	Coordinators: Prof. V. Balakista Reddy, Chairman, Telangana Council of Higher Education, Hyderabad Dr. Prakash Chauhan, Director, NRSC, Hyderabad Prof. B. Venkatram Reddy, Professor of Physics, Kakatiya University, Wgl		<b>PHYSICS SEMINAR HALL</b>
	<b>09.00 – 09.40</b>	1. <i>Satellite Technology Evolution and Strategic Role in the Space Domain</i> Mr. M. Pitchai Mani, Former Dy. Director, ISTRAC, ISRO, Bangalore	
	<b>09.40 – 10.20</b>	2. <i>Earth Observations to Planetary Exploration: A Regime shift in Space Program.</i> Dr. K. Kishore Kumar, Scientist-SG, SPL, Vikram Sarabhai Space Centre, Tiruvananthapuram	
	<b>10.20 – 11.00</b>	3. <i>Paradigm shift in Space Program: An Indian and Global Perspective</i> Mr. R.H.B. Ramamurthy, Former Research Scientist, Brahmos Aerospace (DRDO & NPOM), & Former Consultant - ISRO	
<b>ARCHITECTURAL HERITAGE OF TELANGANA</b>	Coordinators: Prof. B. Suresh Lal, Professor of Economics & Dean, Faculty of Social Sciences, KU, Wgl Prof. T. Manohar, Professor of History & Tourism Management & Principal, UC, KU, Wgl		<b>COMMERCE SEMINAR HALL</b>
	<b>09.00 – 9.45</b>	1. <i>Journey of Ramappa Temple to UNESCO for World Heritage Status</i> Prof. M. Panduranga Rao, Former Professor of Civil Engineering, NIT, Warangal	
	<b>09.45 – 10.30</b>	2. <i>Archaeology of Telangana – Retrospective, Problems and Prospects</i> Dr. M. A. Srinivasan, Dept. of History, Culture & Tourism, Suravaram Pratapa Reddy, Telugu University, Hyderabad	
	<b>10.30 – 11.00</b>	Discussion	
<b>WOMEN SCIENTISTS MEET</b>	Coordinators: Dr. N. Manjula, Chief Scientist, CCMB, Hyderabad Prof. Ch. Sanjeeva Reddy, Professor of Chemistry (Rtd), Kakatiya University, Wgl Prof. G. Shamitha, Professor of Zoology, Kakatiya University, Wgl		<b>SENATE HALL</b>
	<b>09.00 – 09.40</b>	1. <i>Role of small extracellular vesicles in Tumour Progression: Retinoblastoma model</i> Prof. Geeta K Vemuganti, Distinguished Pathologist and Scientist, L V Prasad Eye Institute, Hyderabad	
	<b>09.40 – 10.20</b>	2. <i>A Sojourn that became a way of life: Designing materials for device applications</i> Dr. Sunkara-Vardhireddy Manorama, DAE-Raja Ramanna Chair (RRC), Chief Scientist (Rtd), CSIR-IICT, Hyderabad	
	<b>10.20 – 11.00</b>	3. <i>Modern Trends in Embedded Systems Design</i> Smt. T. Venkata Mani, Scientist-G, DECS, RCI, DRDO, Hyderabad	
<b>11.00 – 11.15</b>	<b>TEA BREAK</b>		<b>AT SESSIONS</b>
<b>11.15 – 13.00</b>	<b>SPECIAL THEME SESSIONS – IV (Invited Lectures)</b>		
<b>ARTIFICIAL INTELLIGENCE FOR EVERYONE</b>	Coordinators: Prof. P. Radha Krishna, Professor of CSE, NIT, Wgl Dr. B. Rama, Asst. Professor of Comp. Science, Kakatiya University, Wgl		<b>COMMERCE SEMINAR HALL</b>
	<b>11.15 – 12.00</b>	1. <i>Crop Darpan App: Data Science and AI to Help Farmers to Diagnose Farm Problems</i> Prof. P. Krishna Reddy, IIIT, Hyderabad	
	<b>12.00 – 12.45</b>	2. <i>The role of Artificial Intelligence and Machine Learning in the development of Society</i> Prof. V. C. Padmanabhan Nair, Univ. of Hyderabad, Hyderabad	
	<b>12.45 – 13.00</b>	Discussion	
<b>YOUNG SCIENTISTS MEET</b>	Coordinators: Dr. Y. Purushotham, Scientist-F, C-MET, Hyderabad Prof. S. M. Reddy, Professor of Botany (Rtd), Kakatiya University, Wgl Dr. A. Raju, Asst. Professor of Physics, Kakatiya University, Wgl		<b>SENATE HALL</b>
	<b>11.15 – 13.00</b>	Oral Presentations by TAS Young Scientist Awardees (YSM-1 to YSM-10) Discussion	
<b>SCIENCE &amp; TECHNOLOGY EXPO</b>	Coordinator: Prof. V. Ravinder, Professor of Chemistry (Rtd), Kakatiya University, Warangal Dr. N. Ramana, Associate Professor of CSE, KUCET, KU, Wgl		<b>AUDITORIUM</b>
	<b>11.15 – 12.15</b> <b>12.15 – 13.00</b>	Oral Presentations Display of Best Scientific Exhibits by the School Students; and Visit to the Science & Engineering Labs in KU Campus	
<b>13.00 – 14.00</b>	<b>LUNCH</b>		<b>SPORTS COMPLEX</b>
<b>14.00 – 15.30</b>	<b>SPECIAL THEME SESSION – V</b>		
<b>SCIENCE TEACHERS MEET</b>	Coordinators: Prof. K. Laxma Reddy, Professor of Chemistry (Rtd), NIT, Warangal Prof. N. Gopi Krishna, Professor of Physics (Rtd), Kakatiya University, Wgl Prof. C. J. Sreelatha, Professor of Physics, Kakatiya University, Wgl		<b>SENATE HALL</b>
	<b>14.00 – 14.30</b>	Prof. S. Satyanarayana, Professor of Chemistry (Rtd) & Former Vice-Chancellor, OU Dr. Martha N Reddy, Sr. Scientist, LSTC, DRDO Prof. A. Ramchandraiah, Professor of Chemistry (Rtd), NIT, Warangal	
	<b>14.30 – 15.30</b>	Discussions	

DAY 2 (Cont'd...)			
14.00 – 15.30	THEMATIC PARALLEL SESSIONS –III (Invited Lectures & Oral Presentations)		
PHYSICAL SCIENCES	14.00 – 14.30	3. <i>1D and 3D Photonics Crystals – Basics, Fabrication and Applications</i> Prof. D. Narayana Rao, Emeritus Professor, School of Physics, University of Hyderabad, Hyd.	PHYSICS SEMINAR HALL
	14.30 – 15.00	4. <i>Probing the influence of FTIR Spectroscopy using ATR Technique for Materials Characterization in the field of Medicine</i> Prof. S. Gunasekaran, Professor of Physics (Rtd) & Dean, R & D, SPIHER, Chennai	
	15.00 – 15.30	Oral Presentations: PS-O - 11 to - 13	
MATHEMATICAL SCIENCES	14.00 – 14.30	3. <i>Need for Robust Computing</i> Prof. Y. N. Reddy, Professor of Maths (Rtd), NIT, Warangal	MATHEMATICS SEMINAR HALL
	14.30 – 15.00	4. <i>Global Stability of Flows through Porous Media</i> Prof. Anantha Laxminarayana, School of Mathematics, IIT, Hyderabad	
	15.00 – 15.30	Oral Presentations: MS-O - 11 to 13	
ENGINEERING & TECHNOLOGY	14.00 – 14.30	3. <i>Science of Space – A Comprehensive Exploration</i> Dr. B. N. Ramakrishna, Former Director, ISTRAC, ISRO, Bengaluru	COMMERCE SEMINAR HALL
	14.30 – 15.00	4. <i>Quantum Computing: Transforming Engineering and Technology</i> Prof. Kamakshi Prasad, Professor of Computer Science, JNTUH, Hyderabad	
	15.00 – 15.30	Oral Presentations: ET-O - 11 to 13	
CHEMICAL SCIENCES	14.00 – 14.30	3. <i>Organic Synthesis with Purpose: Where Curiosity Meets Utility</i> Dr. Kontham Ravinder, Principal Scientist, CSIR-NCL, Pune	CHEMISTRY SEMINAR HALL
	14.30 – 15.00	4. <i>Gold-catalysed Glycosidations and Their Applications to Biological Systems</i> Prof. Srinivas Hotha, Professor of Chemistry, IISER, Pune	
	15.00 – 15.30	Oral Presentations: CS-O - 11 to 13	
LIFE SCIENCES & AGRICULTURAL SCIENCES	14.00 – 14.30	3. <i>Incredible Life Sciences – A Lot to Know</i> Prof. I. S. Dua, Plant Biotechnologist, Punjab University, Chandigarh	ZOOLOGY SEMINAR HALL
	14.30 – 15.00	4. <i>New Science Tools for enhanced farm profitability: Opportunities and Challenges</i> Dr. Suseelendra Desai, Principal Scientist, ICAR, CRIDA, Hyderabad	
	15.00 – 15.30	Oral Presentations: LAS-O - 11 to 13	
MEDICAL, HEALTH & PHARM. SCIENCES	14.00 – 14.30	3. <i>The Science behind Longevity and Sustainable Health</i> Prof. V. Chandrashekar, HoD of Medicine, Govt. Medical College, Mulugu	PHARMACY SEMINAR HALL
	14.30 – 15.00	4. <i>Network Design Principles of Intracellular Parasitism, Molecular Determinants of Infection and Therapeutic Opportunities</i> Prof. Nishith Gupta, Professor of Biological Sciences, BITS Pilani, Hyderabad	
	15.00 – 15.30	Oral Presentations: MHPS-O - 11 to 13	
EARTH, OCEAN, ATMOSPHERIC & ENVIRON. SCIENCES	14.00 – 14.30	3. <i>Precambrian geological evolution of Eastern Dharwar Craton</i> Dr. V. V. Sheshasai, Director, Geological Survey of India, Nagpur	PHARMACY MINI SEMINAR HALL
	14.30 – 15.00	4. <i>A new perspective on the understanding of Indian crust: A case study from Deccan Volcanic Province</i> Dr. O. P. Pandey, Emeritus Scientist, CSIR-NGRI, Hyderabad	
	15.00 – 15.30	Oral Presentations: EOAES-O - 11 to 13	
15.30 – 15.45	TEA BREAK		AT SESSIONS
15.45 – 17.15	THEMATIC PARALLEL SESSIONS – IV (Invited Lectures & Oral Presentations)		
PHYSICAL SCIENCES	15.45 – 16.15	5. <i>Heusler alloy thin films for Spintronic Applications</i> Prof. S. Srinath, School of Physics, University of Hyderabad, Hyderabad	PHYSICS SEMINAR HALL
	16.15 – 17.15	Oral Presentations: PS-O - 14 to 18	
MATHEMATICAL SCIENCES	15.45 – 16.15	5. <i>Markov Chain to Chain of Thoughts: Tracing the Evolution of Artificial Intelligence – From Probabilities to Possibilities</i> Dr. K. Sampath Kumar, Director, AI, KPMG Global Services Pvt. Ltd, Hyderabad	MATHEMATICS SEMINAR HALL
	16.15 – 17.15	Oral Presentations: MS-O - 14 to 18	
ENGINEERING & TECHNOLOGY	15.45 – 16.15	5. <i>Research opportunities &amp; Road Map for addressing technical gaps for Indian Aero materials &amp; systems</i> Dr. N. Eswara Prasad, Former Director, DMSRDE & Sr. Scientist, DRDO	COMMERCE SEMINAR HALL
	16.15 – 17.15	Oral Presentations: ET-O - 14 to 18	

DAY 2 (Cont'd...)			
CHEMICAL SCIENCES	15.45 – 16.15	5. <i>Novel Nanocomposite and Mixed Oxide-based Materials as Reusable Catalysts</i> Prof. Sreekantha B. Jonnalagadda, University of Kwazulu-Natal, Durban, South Africa	CHEMISTRY SEMINAR HALL
	16.15 – 17.15	Oral Presentations: CS-O - 14 to 18	
LIFE SCIENCES & AGRICULTURAL SCIENCES	15.45 – 16.15	5. <i>Role of Circadian Rhythms in health and diseases management</i> Prof. Anita Jagota, Sr. Professor, School of Life Sciences, University of Hyderabad	ZOOLOGY SEMINAR HALL
	16.15 – 17.15	Oral Presentations: LAS-O - 18 to 18	
MEDICAL, HEALTH & PHARM. SCIENCES	15.45 – 16.15	5. <i>India's Pharma Vision: Innovations and their Impact</i> Prof. Lingaiah Nagarapu, Former Chief Scientist, ACSIR, CSIR-IICT, Hyderabad	PHARMACY SEMINAR HALL
	16.15 – 17.15	Oral Presentations: MHPS-O - 13 to 18	
EARTH, OCEAN, ATMOSPHERIC & ENVIRONMENTAL SCIENCES	15.45 – 16.15	5. Sustainable Urban Water & Waste Management Prof. K. V. Jayakumar, IIT Dharwad	PHARMACY MINI SEMINAR HALL
	16.15 – 17.15	Oral Presentations: EOAES-O - 13 to 18	
17.15	TEA BREAK		AT SESSIONS
17.30 – 19.00	POSTER PRESENTATION (Second Half of All Themes) Coordinator: Dr. P. Venkataiah, Asst. Professor of Microbiology, KU, Wgl		
19.00 – 20.30	CULTURAL PROGRAMME Coordinator: Prof. E. Narayana, Professor of Zoology & Program Coordinator, NSS, KU, Wgl		AUDITORIUM
20.30 – 21.30	DINNER		SPORTS COMPLEX
DAY 3: 21-08-2025 (THURSDAY)			
08.00 – 09.00	BREAKFAST		GUEST HOUSE
Session	Time	Plenary Session – II (Distinguished Lectures)	Venue
PLENARY SESSION - II	09.00 – 09.40	3. <i>Present reality and Hype of Quantum Computers and other Quantum Technologies</i> Dr. Martha N Reddy, Sr. Scientist, LSTC, DRDO	AUDITORIUM
	09.40 – 10.20	4. <i>Diamonds: From their birth to eternity</i> Dr. N. V. Chalapathi, Director, ESSO-NCESS, Tiruvananthapuram	
	10.20 – 11.00	5. <i>Science-led innovations for sustainable nutrient management: A circular economy approach</i> Prof. N. Raghuram, Head, Centre for Sustainable Nitrogen and Nutrient Management, CGS Indraprastha University, New Delhi	
11.00 – 11.15	TEA BREAK		AT SESSIONS
11.15 – 13.00	THEMATIC PARALLEL SESSIONS –V (Invited Lectures & Oral Presentations)		
PHYSICAL SCIENCES	11.15 – 11.45	6. <i>Hyperfine Interactions: Tool to study magnetic and ferroelectric materials</i> Dr. V. Raghavendra Reddy, Scientist-H, UGC-DAE-CSR Centre, Indore	PHYSICS SEMINAR HALL
	11.45 – 12.15	7. <i>Radiological Emergency and Preparedness in Nuclear Medicine</i> Dr. D. Vidya Sagar, Former Sr. Scientist, BARC, Mumbai	
	12.15 – 13.00	Oral Presentations: PS-O - 19 to 22	
MATHEMATICAL SCIENCES	11.15 – 11.45	6. <i>Analysis of Power Management in Wireless Sensor Network with Start-up Times and Threshold Policy</i> Dr. R. Sudesh, Dept. of Mathematics, Anna University Campus, Thiruchirappally	MATHEMATICS SEMINAR HALL
	11.45 – 12.15	7. <i>Dirichlet boundary optimal control problem: from numerical perspective</i> Prof. Thirupathi Gudi, IISc Bangalore, Bengaluru	
	12.15 – 13.00	Oral Presentations: MS-O - 19 to 22	



DAY 3 (Cont'd...)			
ENGINEERING & TECHNOLOGY	11.15 – 11.45	6. <i>Space Technology for Rural Development – A Paradigm Shift</i> Dr. K. Mruthyunjaya Reddy, Director, G.P. Birla Archaeological Astronomical & Scientific Research Institute, Hyderabad 7. <i>Surrogates and Approximations for Engineering and Technology</i> Prof. C. Raghavendra Rao, School of CS & IS, University of Hyderabad, Hyd.	COMMERCE SEMINAR HALL
	11.45 – 13.00	Oral Presentations: ET-O - 19 to 28	
CHEMICAL SCIENCES	11.15 – 11.45	6. <i>Anusandhan National Research Foundation: Transforming India's Research and Innovation Ecosystem</i> Dr. Monika Agarwal, Scientist-F, ANRF, Delhi	CHEMISTRY SEMINAR HALL
	11.45 – 12.15	7. <i>Green Solvents: Designing Ionic Liquids and Deep Eutectic Solvents for Sustainable Chemical Technologies</i> Prof. Ramesh Laxminaraynan Gardas, IIT Madras, Chennai	
	12.15 – 13.00	Oral Presentations: CS-O - 19 to 22	
LIFE SCIENCES & AGRICULTURAL SCIENCES	11.15 – 11.45	6. <i>Building the BioAg Economy: Scaling India's Biological Manufacturing Infrastructure</i> Dr. K. R. K. Reddy, Managing Director, Sri BioAesthetics Pvt Ltd, Sangareddy	ZOOLOGY SEMINAR HALL
	11.45 – 12.15	7. <i>Climate resilient integrated weed management in agro ecosystems for the empowerment of farmers and rural youth</i> Prof. A. Narayana Rao, Former Visiting Scientist, IRRR/ICRISAT, Hyderabad	
	12.15 – 13.00	Oral Presentations: LAS-O - 19 to 22	
MEDICAL, HEALTH & PHARMACEUTICAL SCIENCES	11.15 – 11.45	6. <i>Futuristic medicine expectations of Innovations in drug discovery</i> Prof. Rambhau Devaraj, Director, Technical Pulse Pharmaceuticals, Hyderabad	PHARMACY SEMINAR HALL
	11.45 – 13.00	Oral Presentations: MHPS-O - 19 to 26	
EARTH, OCEAN, ATMOSPHERIC & ENVIRONMENTAL SCIENCES	11.15 – 11.45	6. <i>Predicting West Antarctic Ice Sheet Collapse and Future Sea-Level Rise Through Geological Records</i> Dr. Waliur Rahaman, Scientist-F, ICPOR, Goa	PHARMACY MINI SEMINAR HALL
	11.45 – 12.15	7. <i>Petrogenetic evolution of the Neoproterozoic Hyderabad batholith: Implications on the evolution of Dharwar Craton</i> Dr. Ram Mohan, Chief Scientist, CSIR-NGRI, Hyderabad	
	12.15 – 13.00	Oral Presentations: EOAES-O - 19 to 22	
13.00 – 14.00	LUNCH		SPORTS COMPLEX
14.00 – 15.30	PANEL DISCUSSION		AUDITORIUM
PANEL DISCUSSION	14.00 – 15.30	Coordinator: Prof. A. Sadanandam, Professor of Biotechnology (Rtd), KU Theme: <i>Architects of Progress: India's Youth with Innovative Science &amp; Technology for a Viksit Bharat</i> Panellists: 1) Prof. A. R. C. Reddy, Former Vice-Chancellor, YVU, Kadapa 2) Prof. Ch. Mohan Rao, Former Director, CCMB, Hyderabad 3) Prof. S. Satyanarayana, Professor of Chemistry (Rtd) & Former Vice-Chancellor, OU 4) Prof. V. Malla Reddy, Professor of Pharm. Science (Rtd), Kakatiya University, Wgl 5) Dr. N. Purnachandra Rao, Former Chief Scientist, CSIR-NGRI, Hyderabad 6) Dr. Martha N. Reddy, Former Sr. Scientist, LSTC, DRDO 7) Prof. I. S. Dua, Plant Biotechnologist, Punjab University, Chandigarh 8) Prof. A. P. Rao, Professor of Zoology (Rtd), Kakatiya University, Wgl 9) Prof. T. Bhaskar Rao, Professor of Physics (Rtd), Kakatiya University, Wgl 10) Prof. M. Sarangapani, Professor of Pharmacy (Rtd), KU, Wgl 11) Prof. S. Ram Reddy, Professor of Botany (Rtd), Kakatiya University, Wgl 12) Prof. Madhavi, Head, Dept. of Zoology, Osmania University, Hyderabad	AUDITORIUM
15.30 – 16.30	VALEDICTORY FUNCTION		AUDITORIUM
16.30	HIGH TEA		