



DAY 1 (February 6, 2023)

TIME	SCHEDULE
9:00 -9:30	Registration & Networking
9:30 -11:00	<ul style="list-style-type: none"> Welcome note & Introduction to Brainstorming session – <i>Prof. D.N. Singh</i> Welcome address by <i>Prof. Pradeep Srivastava, Ex. Director, TIFAC</i> Address by <i>Prof. Devang Khakhar, Chairman, TIFAC</i> Thoughts on Technology Vision 2047 - <i>Dr. Anil Kakodkar, Former Chairman AEC</i> Presentation on Technology Vision 2047 Concept - <i>Dr. Gautam Goswami, SC-G & Head-TV2047, TIFAC</i> Designing India of our Dreams @ 2047- <i>Prof. Charru Malhotra, Professor (e-Governance and ICT), IIPA</i> Some Big Challenges that Deserve TIFAC's Attention, <i>Dr. R. K. Bhandari, Distinguished Alumnus from IIT Bombay</i> Governance perspective in Vision 2047 – <i>Mr. Ajit Kumar Jain, IAS (Retd.), Ex. Addl. Chief Secretary and State RTI Commissioner, Government of Maharashtra</i> Address by <i>Dr. Dinesh Patil, Deputy Controller of Patents and Designs</i> Self-Introduction by the participants Welcome address by <i>Prof. K. V. Krishna Rao, Deputy Director, Finance and External Affairs, IIT Bombay</i>
11:00 -12:00	<p>SESSION 1: SUSHIKSHA (Good Education) Moderator: Prof. Ramgopal Rao</p> <p>Discussion on the role of technology in education, reaping dividends of demographic diversity, ensuring quality education reaches the masses, standardization of an open, transparent testing and assessment mechanism, encouraging & nurturing young innovators and inventors, core technologies to achieve these objectives, laying out the roadmap in the short, medium and long term to achieve these objectives. Estimation of funds to be allocated as a % of GDP, every year.</p>
12:00-13:00	<p>SESSION 2: SWASTHYA (Health & Health Care) Moderator: Dr. Mahendra Bhandari</p> <p>Discussion on the role of technology in healthcare, digitization & integration of AI with the AYUSH framework, and personalized treatment plans, predictive modeling, and drug discovery building a skilled workforce in AI and healthcare to support the development and deployment of AI solutions, enhancing investment in indigenous AI for healthcare research and development to drive innovation and improve access to healthcare services, Building a robust infrastructure and data management systems to support AI in healthcare</p>
13:00-14:00	LUNCH BREAK
14:00-15:00	<p>SESSION 3: SHRISHTI /SEVAN (Environment/Climate & Mindful Utilization of Resources) Moderator: Prof. S.S. Chakraborty</p> <p>Circular economy Solutions, sustainable supply chain management, smart energy systems, swarm Drone for Supply chain and smart Mobility, Sustainable Agriculture & food production, etc.</p>
15:00-16:00	<p>SESSION 4: SURAKSHA (Security) Moderator: Gp Capt Amitabh Mathur (Retd.)</p> <p>Impact of Technology on security, next Gen. threat Matrix, need for Indigenization of Intelligence embedded Tech., Human-AI Collaborated Combat, predictive Security Regime, Quantum AI enhanced decision Support, Autonomous Combat systems, UCAV & Swarm Drones, etc.</p>
16:00-17:00	<p>SESSION 5: SOOCHNA (Information) Moderator: Wg Cdr S. Sudhakaran (Retd.)</p> <p>Development of national data governance policies, building local AI capability, investing in Indigenous AI research & development, social media platforms and information dissemination systems, control over information sovereignty of the Nation, safeguarding against digital colonialism, cybersecurity, etc.</p>
17:00 onwards	HIGH TEA

BRAINSTORM

VISION 2047

February 6-7, 2023



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



DAY 2 (February 7, 2023)

TIME	SCHEDULE
9:30-10:00	Registration & Networking
10:00-13:00	<ul style="list-style-type: none">Welcome note – Prof. D.N. SinghAddress by Prof. Devang Khakhar, Chairman, TIFACPresentation on Technology Vision 2047 Concept - Dr. Gautam Goswami, SC-G & Head-TV2047, TIFACAddress by Prof. Rangan Banerjee, Director, IIT DelhiAddress by Prof. Nagesh R. Iyer, Ex-Director, SERC Chennai, Dean (IPS), IIT DharwadAddress by Dr. Amarendra Samal, Deputy Controller of Patents & Designs, MumbaiAddress by Dr. Shankar M. Venugopal, Vice President, Mahindra Research Valley, ChennaiAddress by Ms. Shabana Khan, AVP- Technical, Strata Geosystem, Mumbai Brainstorming with Students, Research scholarsQ&A and Discussion
13:00-14:00	LUNCH BREAK
14:00-15:30	Consolidation of the discussion points & Preparation of the program document
15:30-16:00	CONCLUDING REMARKS & VOTE OF THANKS
16:00 onwards	HIGH TEA