

105th Indian Science Congress

Reaching the Unreached Through Science & Technology

Sub theme: Nurturing Affordable Innovation

3-7th January 2018

Venue: Osmania University, Hyderabad

Society has received immense benefit from the scientific discoveries which has reached the common man through a form of a technology. A new technology which has impacted the society has very strong science backbone. Today, India needs to strengthen its scientific knowledge for development of relevant technologies which can be catered to the common masses. This is only possible through promoting and nurturing affordable innovation. This congress will focus on translational science for promoting affordable sustainable innovation. During the 4 days, thrust will be given on various science disciplines, which has reached to the society. In a way, discussions will be on science for all, Science and Technology Fostering Inclusive Societal Development and Science & Society: Bridging the Gap Through Innovations. A Technology based start-up conclave also will be showcased inviting the top class innovators and entrepreneurial researchers.

Highlights of the Congress

- More than 20 Nobel Laureates (Physics, Chemistry, Physiology or Medicine, Peace, Economics, Field prize in mathematics)
- * All science and engineering academies of India
- All Ministers promoting Science & Technology (DST, DBT, CSIR, ICMR, ICAR, MSME, AICTE, UGC, Ministry of Earth Sciences, Skills). Represented by Minister, Secretary, Advisor
- All national Science Academies of the world (USA, UK, Germany, Switzerland, Singapore, Sweden, Austria, Belgium, South Korea, Australia, Japan etc.
- Showcasing & promoting bilateral programs on science & technology such as Indo-US, Indo-German, Indo-Swiss, Indo-Israel, Indo-Australia.

- Industry partnership promoting Institute-industry collaboration (Medical device, Biotech Industries, Chemical, Mining, IT)
- Inviting all SS Bhatnagar Fellow
- Inviting all J C Bose fellow
- Promoting Govt programs such as: INSPIRE, Ramalinga, Ramanujan, DBT Biocare, Women scientist, Young Scientist, Raja Ramanna Fellow
- Involving more closely AICTE, UGC, MSME, DIT, Skill Ministry, MoEF, MoES, DAE, Tribal Ministry.
- Inviting all taskforce Members of Technical committees
- Showcasing activities: technology start-up conclave, National Innovation Foundation for grassroots innovation, Rural tech Innovation
- Foundations Conclave promoting Science and technology (Gates Foundation, USAID, UKAID, DFID, PATH, WISH, Welcome trust...)
- Global Incubation Conclave (networking with leading global innovation and incubation centre (MIT, Stanford, Cambridge, Biopolis)

Special Sessions

- Affordable Innovation, Science for Society
- Technology for geriatrics, Maternal and Child Health, Technologies Enabling Tribal
- Science for promoting equity and empowerment of Divyangjan (SPEED)
- Water, Sanitation, Hygiene, Climate Change, Waste Processing
- Synthetic biology, Nutri-genomics, Stem Cell
- One-Health, Food for all
- * Genome Editing Technologies for mankind
- Precision Agriculture, Precision medicine, Digital Health (Smart health)
- Innovation & Incubation (NSTEDB, BIRAC, TDB, MSME, DIT, AICTE..)
- Panel Discussions
- Science for Military, IoT, Supercomputing, Superconductivity, Advanced materials, Cloud Computing, Artificial intelligence, Robotics,

•Space Technology, Alternative Energy, Marine Agrotech, Coastal Technologies, Forest Technologies, Digital Communication, Bioeconomy, Space science,

Finally: Outcome based document will be prepared and will be submitted for further appraisal and action.