

JIGYASA

(Promoting Scientific Temper Through Student-Scientist Connect Program)

Organized by

Zaheer Science Foundation, New Delhi

in collaboration with

CSIR-IICT Hyderabad * CSIR-CLRI Chennai * CSIR-IGIB, New Delhi

22nd August, 2023 (10:30 - 17:30)

Hybrid Mode

PROGRAMME

Inaugural Session

10:30-10:35	Lighting of Lamp & National Anthem
10:35-10:40	Welcome Address: Dr. Tabassum Jamal, Chairperson, ZSF
10:40-10:50	Inaugural Address : Dr. D. Shailaja Donempudi, Vice-Chairperson, ZSF, Chief Scientist & Chair, BDRM, CSIR-IICT, Hyderabad
10:50-11:05	Address by the Chief Guest : Dr.(Mrs.) Geetha Vani Rayasam, Head, CSIR-HRDG & Coordinator CSIR-JIGYASA Programme, New Delhi
11:05-11:10	Remarks: Dr. M. Rais, Secretary, ZSF
11:10-11:15	Vote of Thanks : Dr. Manish Mohan Gore, Joint Secretary, ZSF, Scientist, CSIR-NIScPR, New Delhi
11:15-11:30	Tea Break/Refreshment

Session -I

11:30-11:45	Showcasing Science-based learning: Video Presentation Dr. J. Vatsala Rani, Sr. Principal Scientist, CSIR-IICT, Hyderabad & Dr. Thirupathi Azmeera, Sr. Technical Officer, CSIR-IICT, Hyderabad
11:45-12:00	Showcasing Science-based learning: Video Presentation Dr. Swarna V. Kanth, Chief Scientist & Head Centre for Human and Organisational Resources Development, CSIR-CLRI, Chennai & Dr. (Ms.) Yasmin Khambhaty, Principal Scientist, CSIR-CLRI, Chennai
12:00-12:15	Showcasing Science-based learning: Video Presentation Dr. Beena Pillai, Chief Scientist, CSIR-IGIB, Co-ordinator, JIGYASA Program, CSIR-IGIB South Campus, New Delhi & Dr. Poorti Kathpalia, Science Communicator, CSIR-IGIB, New Delhi
12:15-12:30	Students speak (First batch)
12:30-13:30	Students and Scientists Interactive Session : Poster Presentation and Hands-on activities
13:30-14:30	Lunch Break

Session-II

14:30-14:35	Welcome of Students: Dr. Tabassum Jamal, Chairperson, ZSF (Second batch)
14:35-14:50	Address by : Dr. D. Shailaja Donempudi, Vice-Chairperson, ZSF, Chief Scientist & Chair, BDRM, CSIR-IICT, Hyderabad
14:50-15:10	Address by the Chief Guest : Dr. Neelima Jerath, Director General, Pushpa Gujral Science City, Kapurthala, Punjab, Former Executive Director, Punjab State Council for Science and Technology
15:10-15:25	Showcasing Science-based learning: Video Presentation Dr. J. Vatsala Rani, Sr. Principal Scientist, CSIR-IICT, Hyderabad & Dr. Thirupathi Azmeera, Sr. Technical Officer, CSIR-IICT, Hyderabad
15:25-15:50	Showcasing Science-based learning: Video Presentation Dr. Swarna V. Kanth, Chief Scientist & Head Centre for Human and Organisational Resources Development, CSIR-CLRI, Chennai & Dr. (Ms.) Yasmin Khambhaty, Principal Scientist, CSIR-CLRI, Chennai
15:50-16:10	Showcasing Science-based learning: Video Presentation Dr. Beena Pillai, Chief Scientist, CSIR-IGIB, Co-ordinator, Jigyasa Program, CSIR-IGIB South Campus, New Delhi & Dr. Poorti Kathpalia, Science Communicator, CSIR-IGIB, New Delhi
16:10-16:30	Students speak (Second batch)
16:30-17:30	Students and Scientists Interactive Session : Poster Presentation and Hands-on activities
17:30	Refreshment

ABOUT JIGYASA

The CSIR (Council of Scientific & Industrial Research) JIGYASA program- an initiative taken during the Platinum Jubilee year which came as an inspiration by Honorable Prime Minister Narendra Modi's vision of new India and 'Scientific Social Responsibility (SSR) for CSIR. The CSIR laboratories are known for their involvement in modern science discoveries as well as contributions to technology development. JIGYASA 2.0, a Student-Scientist Connect programme where CSIR and AIM (Atal Innovation Mission, NITI Aayog) are making joint efforts to popularize science, technology, and innovation to inculcate scientific temper amongst school students through various initiatives like Physical lab visits, Popular Lecture Series, Important Awareness Days, Visits of Scientists to Schools, etc.

The present event is being organized by Zaheer Science Foundation as an outreach program with schools under JIGYASA (a student-scientist connect program to popularise science and inculcate scientific temper among school children), in collaboration with CSIR-Indian Institute of Chemical Technology, Hyderabad, CSIR-Central Leather Research Institute, Chennai and CSIR-Institute of Genomics and Integrative Biology, New Delhi (Premier research institutes of CSIR known for their outstanding contributions in S&T Development for societal needs). Students from class IX- XII along with the teachers of schools are being invited to attend and participate in this program.

About CSIR-IICT, Hyderabad

The Indian Institute of Chemical Technology (IICT), Hyderabad, established in 1944, is also a constituent laboratory of CSIR, New Delhi. With its expertise in chemistry and chemical technology, it provides solutions to challenges faced by Industry, Government Departments and Entrepreneurs through basic and applied research, and process development. Three major departments at IICT are dedicated towards development of drug molecules, agrochemicals & natural products.

About CSIR-CLRI, Chennai

The Central Leather Research Institute (CLRI), Chennai, established in 1948, is one of the premier research institutes of CSIR that focuses on research and development in the area of Leather as well as basic sciences. The objective of the institute is to meet the needs of the leather and allied sectors through research, technology development and transfer, training and industrial support and formulation of policies and plan of action that ensures a technology based competitive advantage for Indian leather.

About CSIR-IGIB, New Delhi

CSIR-Institute of Genomics and Integrative Biology was conceived as the Centre for Biochemical Technology in 1977. The need for genomics data from a diverse Indian population was soon realized and CBT transformed into IGIB in 2002. From the Indian Genome Variation project, a multi-institutional consortium, that mapped the variants – SNPs, CNVs, and repeats in around 1000 genes, IGIB has come a long way in twenty years, sequencing 1000 Indian genomes as part of the IndiGen project in 2022.

Since its inception as a genomics research unit, CSIR-IGIB has broadened its research horizons in pace with global research advancements adopting newer technologies, while sustaining the core mission - 'To translate concepts developed in basic biological research to commercially viable technologies for health care'. The research themes of the institute are diverse, ranging from genomics and molecular medicine to informatics and big data. They cover cardio-respiratory disease biology, infectious diseases, as well as functional and integrative biology.

About Zaheer Science Foundation, New Delhi

Zaheer Science Foundation (ZSF) is a non-profit organization, established in 1970 as a Think Tank. The Foundation is involved in scientific research and promotion of scientific temperament. It has also been working in the area of S&T Policy analysis, Science for Small Nations and South-South Cooperation through organizing seminars and conferences at National and International level in last few years, helping in disseminating the scientific knowledge and promoting scientific temperament for nation building.