

BESCON 2022

Program Grid

NOVEMBER 04, 2022 (04-11-2022)

1:00-3:00 PM: Registration

Inauguration (3:00-4:00 PM; 04.11.2022) [Main Auditorium]

1. Introduction by Prof. R. Sen, Convener, BESCON followed by Lamp lighting
2. Welcome note by Prof. Tapan K. Dutta (Dean R&D, Bose Institute)
3. Welcome Speech by Chairman, Prof. U. Bandyopadhyay (Director, Bose Institute)
4. Speech by BESI Founder President, Prof. P. Ghosh (Director, BISR, Jaipur) **[Online]**
5. Inaugural Lecture by Chief Guest, DST Secretary Dr. S. Chandrasekhar **[Online]**
6. Opening Speech by Prof. Amit Patra (Deputy Director, IIT Kharagpur)
7. Inaugural address by Prof. V. K. Tewari (Director, IIT Kharagpur)
8. Vote of Thanks by Prof. Srimonti Sarkar (Joint Convener, BESCON 2022)

4:05 PM - 4:25 PM: High Tea Break (Main Auditorium Foyer)

Inaugural Scientific Talks [Main Auditorium]

Plenary Lecture 1 (4:30-5:00 PM): Prof. Uday Bandyopadhyay, Director, Bose Institute

Plenary Lecture 2 (5:05-5:35 PM): Prof. Purnendu Ghosh, Founder President, BESI and Executive Director, Birla Institute of Scientific Research (BISR), Jaipur **[Online]**

Plenary Lecture 3 (5:40-6:10 PM): Dr. Anjan Ray, Director, CSIR-IIP, Dehradun **[Online]**

Plenary Lecture 4 (6:15-6:45 PM): Dr. S. Venkata Mohan, Senior Principal Scientist, CSIR – Indian Institute of Chemical Technology, Hyderabad **[Online]**

Plenary Lecture 5 (6:50-7:20 PM): Dr. Amulya Kumar Panda, Associate Director, Panacea Biotech and Former Director, National Institute of Immunology, New Delhi **[Online]**

Brief Speech (7:25-7:40 PM): Dr. Sangeeta M. Kasture, Scientist F, Senior Advisor, Department of Biotechnology, Ministry of Science & Technology, Govt. of India **[Online]**

7:45-9:00 PM: BESI GBM (Parallel Meeting)

7:45-9:45 PM: Poster Session 1 & Dinner (Main Auditorium FOYER)

NOVEMBER 05, 2022 (05-11-2022)

Plenary Lectures [Main Auditorium]

Plenary Lecture 6 (9:00–9:30 AM): Dr. Arun Bandyopadhyay, Director, CSIR-Indian Institute of Chemical Biology (CSIR-IICB), Kolkata

Plenary Lecture 7 (9:35-10:05 AM): Dr. Suman Chakraborty, Professor, Department of Mechanical Engineering and Dean R&D, IIT Kharagpur

10:10–10:30 AM: High Tea Break (Main Auditorium FOYER)

Technical Session 1: Bioprocess & Biochemical Eng. [Main Auditorium]

Keynote Lecture 1 (10:35–11:00 AM): Dr. V. S. Bisaria, Former Professor and Head, Department of Biochemical Engineering & Biotechnology and Ex-Dean (R&D), IIT Delhi

Keynote Lecture 2 (11:05–11:30 AM): Dr. K. J. Mukherjee, Professor, Department of Biochemical Engineering & Biotechnology, IIT Delhi

Keynote Lecture 3 (11:35 AM–12:00 PM): Dr. Santanu Dasgupta, Senior Vice President, Reliance Industries Limited, Mumbai

Keynote Lecture 4 (12:05–12:30 PM): Dr. Ranjana Chowdhury, Professor and Former Head, Department of Chemical Engineering, Jadavpur University, Kolkata

12:35–1:35 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.)

Technical Session 2 – Protein/Enzyme Engineering [Lecture Hall 1]

Keynote Lecture 1 (10:35–11:00 AM): Dr. Anand Bacchawat, Professor, Department of Biological Sciences and Dean (Faculty), IISER Mohali

Keynote Lecture 2 (11:05–11:30 AM): Dr. Amit Kumar Das, Professor and Ex-Head, Department of Biotechnology, IIT Kharagpur

Invited Lecture 1 (11:35–11:55 AM): Dr. Supratim Datta, Professor, Department of Biological Sciences, IISER Kolkata

Invited Lecture 2 (12:00–12:20 PM): Dr. Anupama Ghosh, Associate Professor, Division of Plant Biotechnology, Bose Institute

12:25–1:25 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.)

Technical Session 3 – Systems & Synthetic Biology [Lecture Hall 2]

Keynote Lecture 1 (10:35–11:00 AM): Dr. James Gomes, Professor and Former Head, Kusuma School of Biological Sciences, IIT Delhi

Keynote Lecture 2 (11:05–11:30 AM): Dr. Anu Raghunathan, Senior Principal Scientist, CSIR-National Chemical Laboratory (NCL), Pune

Invited Lecture 1 (11:35–11:55 AM): Dr. Sangram Bagh, Associate Professor, Saha Institute of Nuclear Physics (SINP), Kolkata

Invited Lecture 2 (12:00–12:20 PM): Dr. Amit Ghosh, Assistant Professor, School of Energy Science & Engineering, IIT Kharagpur

12:25–1:25 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.) [Dr. Abhishek S. Dhoble, Assistant Professor, IIT-BHU]

1:30–2:30 PM: Poster Session 2 & Lunch (Main Auditorium FOYER)

Technical Session 4 – Genome & Metabolic Engineering [Main Auditorium]

Keynote Lecture 1 (2:35–3:00 PM): Dr. Guhan Jayaraman, Professor & Head, Department of Biotechnology, IIT Madras

Keynote Lecture 2 (3:05–3:30 PM): Dr. Mrinal Kumar Maiti, Professor, Department of Biotechnology, IIT Kharagpur

Invited Lecture 1 (3:35–3:55 PM): Dr. Ranjita Biswas, Associate Professor, Maulana Abul Kalam Azad University of Technology, West Bengal

Invited Lecture 2 (4:00–4:20 PM): Dr. Wriddhiman Ghosh, Associate Professor, Microbiology, Bose Institute

4:25–4:40 PM: Tea Break (Main Auditorium FOYER)

4:45–5:45 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.)

Technical Session 5: Biorefineries for Biofuels & Value-added Products [Lecture Hall 1]

Keynote Lecture 1 (2:35–3:00 PM): Dr. Debabrata Das, Ex-Professor & Head, Department of Biotechnology, IIT Kharagpur

Keynote Lecture 2 (3:05–3:25 PM): Dr. Sanjoy Ghosh, Professor, Department of Bioscience & Bioengineering, IIT Roorkee

Invited Lecture 1 (3:30–3:50 PM): Dr. Kaustubha Mohanty, Professor & Head, Department of Chemical Engineering, IIT Guwahati

Invited Lecture 2 (3:55–4:10 PM): Dr. Sourish Bhattacharya, Senior Scientist, CSIR-CSMCRI, Bhavnagar

Tech Talk (4:15–4:30 PM): Dr. Ramkrishna Sen, Professor & Ex-Head, Department of Biotechnology, IIT Kharagpur

4:25–4:40 PM: Tea Break (Main Auditorium FOYER)

4:45–5:45 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.)

Technical Session 6 – Sustainable Development Goals [Lecture Hall 2]

Keynote Lecture 1 (2:35–3:00 PM): Dr. Sadhan Kumar Ghosh, Professor, Department of Mechanical Engineering and Former Dean, Jadavpur University, Kolkata

Keynote Lecture 2 (3:05–3:30 PM): Dr. Alok Kumar Sil, Senior Professor, University of Calcutta, Kolkata

Invited Lecture 1 (3:35–3:55 PM): Dr. Brajesh Kumar Dubey, Associate Professor, Department of Civil Engineering, IIT Kharagpur

Invited Lecture 2 (4:00–4:20 PM): Dr. Shamik Chowdhury, Assistant Professor, School of Environmental Science & Engineering, IIT Kharagpur

4:25–4:40 PM: Tea Break (Main Auditorium FOYER)

4:45–5:45 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.) [Dr. Priyadarshini Mallick, Asutosh College, Kolkata]

5:50–6:40 PM: Industry Conclave (Part A) [Main Auditorium]

5:50–6:05 PM: Reliance Industries Ltd., Mumbai

6:07–6:22 PM: DSS Imagetech (Olympus)

6:25–6:40 PM: Leica (Intechcorp)

6:45–7:45 PM: Cultural Program [Main Auditorium]

7:50–10:00 PM: Poster Session 3 & Special Dinner (Main Auditorium FOYER)

NOVEMBER 06, 2022 (06–11–2022)

Technical Session 7: Biomaterials & Biomedical Engineering [Main Auditorium]

Special Keynote Lecture (9:00–9:30 AM): Prof. Rama Shanker Verma, Director, MNNIT Allahabad, Prayagraj, UP

Keynote Lecture (9:35–10:00 AM): Dr. Nihar Ranjan Jana, Professor & Head, Department of Biotechnology, IIT Kharagpur

Invited Lecture 1 (10:05–10:25 AM): Dr. Rachit Agarwal, Assistant Professor, Centre for Biosystems Science and Engineering, IISc Bengaluru

Invited Lecture 2 (10:30–10:50 AM): Dr. Sudip Mukherjee, Assistant Professor, School of Biomedical Engineering, IIT BHU

10:55–11:10 AM: Tea Break (Main Auditorium FOYER)

11:15 AM–12:15 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.) [Dr. N. C. Mishra, Associate Professor, IIT Roorkee; Dr. S. De, Brainware University, Kolkata]

Technical Session 8 – Environmental & Marine Biotechnology) [Lecture Hall 1]

Keynote Lecture 1 (9:00–9:25 AM): Dr. Anushree Malik, Professor, Centre for Rural Development and Technology and Institute Chair Professor, IIT Delhi

Keynote Lecture 2 (9:30–9:55 AM): Dr. Shaon Ray Chaudhuri, Professor & Head, Department of Microbiology, Tripura University

Invited Lecture 1 (10:00–10:20 AM): Dr. Punyasloke Bhadury, Professor and Former Head, Department of Biological Science, IISER Kolkata

Invited Lecture 2 (10:25–10:45 AM): Dr. Abhrajyoti Ghosh, Associate Professor, Department of Biochemistry, Bose Institute

10:55–11:10 AM: Tea Break (Main Auditorium FOYER)

11:15 AM–12:15 PM: Oral presentations by Students/Faculties/Scientists (4 Nos.) [Dr. Nidhi Pareek, CURAJ, Rajasthan; Dr. Sunil K. Suman, CSIR-IIP, Dehradun; Dr. Anirban Das Gupta, Neotia University, Kolkata]

Technical Session 9 – Industry Conclave (PART-B) [Main Auditorium]

12:20–12:35 PM: Agilent Technologies

12:40–12:50 PM: Biorad

1:00–1:10 PM: Eppendorf

1:15–1:25 PM: Thermo Fisher Scientific

1:30–2:00 PM; Valedictory Function [Main Auditorium]

2:00–3:00 PM: Towards BESCON 2023 Via Lunch (Main Auditorium Foyer)

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