

About the Conference

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. Out of 17 SDGs, Good health and well-being, Clean water and sanitation, Affordable and clean energy, Industry, innovation and infrastructure, Sustainable cities and communities, Responsible consumption and production, Climate action, Life below water, Life on land require focus on greener aspects as the final outcome must be attained using the zero or minimum environmental impact, energy efficiency, benign chemicals (raw materials, solvents, and products) with economic feasibility.

For this, concepts of Green Chemistry and Green Engineering have to be imbibed in any process/product/system. In order to share the idea/ work/ collaboration and ultimately to achieve the goal of sustainable development through greener route, a common platform is highly desirable.

The conference is one of the global events to share an insight into the latest developments in Green Chemistry and Engineering. The conference will bring together all the stakeholders from academia, research, industry, and society to exchange ideas in the following thrust areas:

- Process Intensification Techniques
- Sustainable approaches in Pharmaceutical and Chemical Industries
- Catalysis
- Novel Separation Methods
- Green Solvents
- Functional Foods and Nutraceuticals
- Green and Sustainable Chemistry in the Environment
- Green Nanotechnology
- Waste to Wealth
- Carbon Capture, Utilization and Storage (CCUS)
- Renewable Energy and Clean Energy
- Energy Storage
- Process Modelling and CFD
- Future Trends in Green Chemistry and Engineering
- Any other area relevant to the theme of the conference



GCESDIP 2.0

2nd International Conference on “Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective”

17th – 18th April 2026

**Preconference workshop
on
Design of Experiments with JMP
(16th April 2026)**

**Organized By
Department of Chemical Engineering,
SVNIT Surat**



**in association with
ICT Mumbai and IIT Jammu**



विद्यया धनं सर्वधनं प्रधानम्
IIT JAMMU

About SVNIT

Sardar Vallabhbhai National Institute of Technology, Surat is an engineering institute of higher education established in 1961 and was granted the status of “Institute of National Importance” from 2007 by Parliament of India. At present, the Institute is offering 11 UG Programmes, 21 PG Programmes, 3 M.Sc. Five Years Integrated Program, five years dual degree B. Tech. + MBA program, five years dual degree B.Tech. + M. Tech program, PG programs by research, and Ph.D. programs in all disciplines of engineering and applied sciences. Special attention is being given to interdisciplinary and collaborative research. Many eminent scientists and engineers have graduated from the institute. The institute has an excellent placement record with a number of top-ranking companies visiting the campus every year.

About Department of Chemical Engineering

Established in 1995, the Department of Chemical Engineering, SVNIT, Surat, offers programs leading to Bachelor's, Master's, and Ph.D. Degree in Chemical Engineering. The department has built a comprehensive research infrastructure with some top-notch facilities for carrying out cutting-edge research. The department strives to provide a conducive environment for creative and dynamic research work. The faculty members are granted several R&D projects from organizations like GUJCOST, DST, DBT, etc., and have high-quality research publications and patents. Currently, the Department has 19 faculty members with expertise in various domains of chemical engineering.

About Surat

Surat, one of the India's most dynamic cities on the banks of River Tapi, is renowned worldwide as the “Diamond city” and the “Textile Hub of India.” A thriving center for trade, chemicals, petrochemicals, and emerging technologies, the city seamlessly blends rich heritage with modern infrastructure. Equally famous for its vibrant street food and diverse culinary traditions, Surat offers visitors a unique cultural and professional experience. Its progressive outlook and welcoming spirit make it an inspiring destination for global academic and industrial collaborations.

Preconference Workshop: DoE with JMP

Design of Experiments (DOE) deals with planning, conducting the experiments, and then analyzing and interpreting the response to evaluate the factors' effect to control the value of a parameter or group of parameters. DOE simply helps to pinpoint the sensitive parts and sensitive areas in designs that impact the response variables. Designers are then able to fix these problems and produce robust and improved responses prior to going into production. Also, DOE is widely employed method across diverse industries such as chemical, biotechnology, mechanical/industrial, and pharmaceuticals, etc.

In this workshop, lectures will be delivered on the basic principles of DoE, Various optimization methods (CCD, BBD, Mixture Design) and Modern and Computer-generated designs. Also, a hands-on exposure to JMP software will be given to enhance the learning covering the aspects of DOE. Primary objective of the workshop is to guide participants through the intricacies of experiment design, analysis, and optimization stages, ensuring a thorough and hands-on exploration of the DOE framework.

At the end of the program, participants will emerge with a heightened proficiency in utilizing DOE methodologies and the JMP software, empowering them to make informed decisions and drive continuous improvement in their work environments.

Resource Person:

Dr. Muralidhara A., Global JMP team

There is no additional fee for the conference registered participants. A separate participation certificate for this workshop will be provided.

Registration Fees

Participant category	Amount (inclusive of GST)
UG Students	Rs. 2,950
PG/ Phd/ Postdoc/Research Fellows	Rs. 4,130
Academicians/ Scientists/Researchers	Rs. 6,490
Industry Delegates	Rs. 8,850
Attendees	Rs.2,950
Foreign Students	118 USD
Foreign Academicians/ Delegates	147 USD

Note: For the same presenting author, the registration fees (inclusive of GST) for the additional paper will be Rs. 1200/- (Indian Participant) and 25 USD (Foreign Participant)

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The registration fee is **Non-refundable** and should be paid **ONLINE** to the above account.

Targeted Participants

The conference welcomes faculty members, research scholars, undergraduate and postgraduate students as well as participants from research organizations and industry worldwide from engineering, science, and allied disciplines.

Presenters can showcase their work through Oral or Poster presentation.

Important Dates

Last date of Abstract submission: **20th March 2026**

Intimation of acceptance: **26th March 2026**

Last date of Registration: **10th April 2026**

Full paper submission: Will be Announced Soon

Scan for abstract submission



Scan to register



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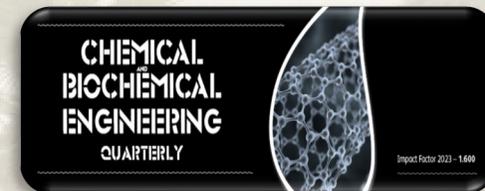
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