

Virtual International Conference on
**GREEN TECHNOLOGIES
FOR
SUSTAINABLE DEVELOPMENT -2021**
(ICON-GTSD-2021), 9-11 March,2021



Organized by:

**Dharmsinh Desai University,
Nadiad, Gujarat, INDIA**

Sponsored By:

**Gujarat Council on Science & Technology
Department of Science & Technology,
Government of Gujarat
&
Ami Organics Limited, Surat**

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www.gtSD2021.org

Contact us:

gtSD2021@ddu.ac.in



Dharmsinh Desai University

Dharmsinh Desai University (DDU) formerly known as DDIT, founded in 1968 by respected educationist, social worker and the Member of Parliament Late Shri Dharmsinh Desai. It has grown from just a chemical engineering institute into a multi faceted University offering Graduate, Post Graduate and Doctorate programs in various branches of engineering and science. DDU has Faculty of Technology, Faculty of Pharmacy, Faculty of Dental Science and Dr. N.D.Desai Faculty of Medical Science & Research. Faculty of Technology comprises of Chemical, Computer, Civil, Mechanical, Instrumentation, Electrical, Electronics & Communications, Information Technology branches. DDU has been accredited by the National Assessment and Accreditation Council.

DDU has interacted with Government and International Academic institutions over the years. It has trained scientists and engineers to provide leadership in academia and industry since 1968. Its students have exhibited a drive for professional excellence throughout their careers. The graduates of this university are highly sought by Indian and International companies.

About Conference

Green Technology for Sustainable Development - 2021 is a global event designed to provide platform for the deliberations on the Theme: "Sustainable development through green and clean technology for better future business". It will be a forum for professionals at all levels of the Chemical and Petrochemical industry, Petroleum Refining industry, Polymer industry, Pharmaceutical industry, and Speciality chemicals industry, with an objective to enhance their understanding of what will drive and shape the future of the market. The Conference is expected to have the participation of organizations and individuals from a wide variety of sector and countries. The renowned speakers from industry and academia and the panellist will help in making the sessions interactive and encourages a strong level of dialogue and discussion, thus maximising the benefits of attendance.

Conference Theme

- **Green Technologies for Chemical and Pharmaceutical industries**
- **Nanomaterials for Green Technology**
- **Green Synthesis using Biotech & Biocatalysis**
- **Photocatalysis & Miceller Catalysis**
- **Waste Recycling, Circular Economy**
- **Green Chemistry and Green Energy**
- **Waste Water Recycling**
- **Sustainability and Climate Change**
- **Efficient use of Non-renewable resources**
- **Atom Economy and E-factor**
- **Process Optimization, Advanced Control and Safety for Green Technologies**
- **Separation Technologies**

Call for Papers

Researchers, Academicians and Professionals are invited to submit their research work for the technical sessions of GTSD-2021. Submitted abstracts/papers will be included in conference e-proceedings. The selected papers will be published in the special issue of following International Journals.

Water Energy Nexus (Elsevier Journal)

Catalysis in Green Chemistry and Engineering (Begellhouse)

Best paper under each category will be awarded with special certificate. Visit www.gtSD2021.org for submission of paper and instructions for authors.

Plenary Speakers

Dr. Dinesh O. Shah, Director, SSCSSN, DDU Nadiad & Professor Emeritus of Chemical Engineering & Anesthesiology, University of Florida, Gainesville, USA.

Prof. Pen Chi Chiang, Director, Carbon Cycle Research Center, National Taiwan University, Taiwan.

Prof. Hyunook Kim, Professor, School of Environmental Engineering, University of Seoul, Seoul, South Korea.

Prof. Jiri Jaromir KLEMES, Head of Sustainable Process Integration Laboratory (SPIL), School of Environmental Engineering, NETME CENTRE, Faculty of Mechanical Engineering, Brno University of Technology - VUT Brno, Czech Republic.

Dr. R. V. Jasra, Senior Vice President, Head, Reliance Technology Group, Vadodara, Gujarat, India.

Dr. Sunil Bhagwat, Professor of Chemical Engineering,, Institute of Chemical Technology, Mumbai, Maharashtra, India

Prof. Yogendra Shastri, Department of Chemical Engineering, Indian Institute of Technology, Mumbai, Maharashtra, India.

Prof. Santanu Bandyopadhyay, Department of Energy Science and Engineering, Indian Institute of Technology, Mumbai, Maharashtra, India

Dr. Bharat Jain, Member Secretary, Gujarat Cleaner Production Center, Gandhinagar, Gujarat, India.

Invited Speakers

Dr. Yongjun Sun, College of Urban Construction, Nanjing Tech University, Nanjing city, Jiangsu Province, China.

Dr. Dalton Tay Chor Yong, School of Material Science & Engineering, Nanyang Technological University, Singapore.

Prof. Chao-Wei Huang, Department of Chemical and Materials Engineering, National Kaohsiung University of Science and Technology, Taiwan.

Dr. Amit Banerjee, Scientific Advisor & Instrumentation Architect, Microelectronic Technologies & Devices National University of Singapore, Singapore.

Industrial Knowledge Partners

GTSD-2021 invites leading chemical and pharmaceutical industries to be “Industrial Knowledge Partners” for the Conference. The idea behind engaging with Knowledge partners from industries is to have an enunciated perspective in the dominion of proposed conference. It will motivate other industries to create awareness about the concept of Green Technologies for sustainable development. At present, following industries have shown interest to share their experience in the area of green technologies for sustainable development.

- ◆ UOP Honeywell
- ◆ Linde India Ltd
- ◆ Reliance Industries Ltd
- ◆ Solvay India
- ◆ Total Inc.
- ◆ Colourtex Pvt. Ltd.
- ◆ PI Industries Ltd
- ◆ Sun Pharmaceutical Industries Ltd.
- ◆ United Phosphorous Ltd.
- ◆ Asian Paints Ltd
- ◆ Gujarat Cleaner Production Center

Conference Sponsors & Knowledge Partner



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Filter Concept



Climate Change Department,
Govt. of Gujarat

Important Dates and Registration

Submission of Abstract: 30 December,2020

Intimation of Acceptance: 5 January,2021

Submission of Full Paper: 30 January,2021

One of the authors must register for the conference and present the paper on virtual platform. All registrant will be issued certificate of participation. Visit www.gtssd2021.org for registration.

For Indian delegate from Academics: Rs.300

For Industrial person: Rs. 500

For Foreign delegate : \$20

Organising Committee

Patron: Dr. H.M.Desai, Vice Chancellor, DDU, Nadiad.

Vice Patron:

Mr. Ankur Desai, Campus Director, DDU, Nadiad.

Mr. Narottam Sahoo, Advisor, Gujrat Council on Science and Technology, Gandhinagar.

Mentor : Dr. Dinesh O. Shah, Founding Director of SSCSSN, DDU, Nadiad.

Conveners :

Dr. B.N. Suhagia, Dean, Faculty of Pharmacy, DDU, Nadiad
Dr. P.A. Joshi, Chairman Anchor Institute, & Professor, Department of Chemical Engineering, Nadiad

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Organizing Secretary :

Dr. Atindra Shukla, Director, SSCSSN, DDU, Nadiad,
+91 99040 20338

Dr. Vimal Gandhi, Department of Chemical Engineering,
DDU, Nadiad , +91 94278 90685