



योग: कर्मसु कौशलम्

**INDRASHIL
UNIVERSITY**

(Established by an Act under the Gujarat Private Universities Act, 2009)
A LIFE SCIENCES UNIVERSITY
Sustained Excellence with Relevance



**NIRMA
UNIVERSITY**

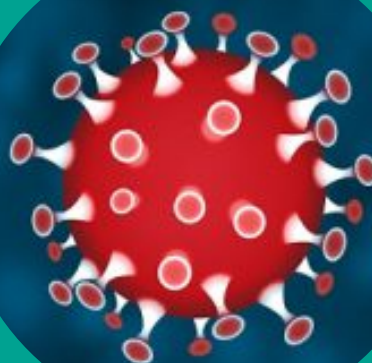
INSTITUTE OF PHARMACY

NAAC ACCREDITED 'A' GRADE

INTERNATIONAL e-CONFERENCE -2021

***"Covid-19: Challenges and Opportunities in
Pharmaceutical Research"***

18th – 19th March, 2021



Organized By:
Institute of Pharmacy,
Nirma University
&
Indrashil University

About International e-Conference - 2021

Coronavirus disease (Covid-19) is an infectious disease caused by a newly discovered coronavirus since December, 2019 and has spread to more than 210 countries, infecting beyond 2 million people, with more than 1,37,000 fatalities. The Covid-19 virus spreads primarily through droplets of saliva or discharge from the nose when an infected person coughs or sneezes. People with the Covid-19 virus infection will experience mild to moderate symptoms including respiratory illness. Older people, and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are more likely to develop serious illness. Most of the patients recover without requiring special treatment. No cure is available for Covid-19. Antibiotics aren't much effective against viral infections such as Covid-19. Researchers are testing a variety of possible ways for the new drug discovery and repurposing existing drugs. The FDA has approved the antiviral drug remdesivir to treat Covid-19 in hospitalized adults and children who are of age 12 and older. The FDA has also granted an emergency use authorization (EUA) for the rheumatoid arthritis drug baricitinib to treat Covid-19 in some cases as it works against Covid-19 by reducing inflammation and having antiviral activity. It may be used in combination with remdesivir in people who are on mechanical ventilators or need supplemental oxygen. There is an urgent need to explore various aspects of management and treatment of this disease including vaccines development. Across the globe, two vaccines from The United States of America and two vaccines from India have received EUA for the treatment.

The prime objective of this e-conference is to provide an opportunity for the close interaction amongst scientists with varied interests, in diverse fields of the research related to Covid-19. This will also provide common online platform and more opportunities to the researchers in the areas of pharmaceutical sciences and other related areas to interact with each other. It will bring together leading formulation scientists, medicinal chemists, pharmacologists, biotechnologists, natural product scientists, regulators and other allied professionals to discuss and present the latest important developments in drug discovery and therapeutics for Covid-19 treatment. Interdisciplinary research integrates information, concepts and theories of two or more different specialized disciplines for better scientific understanding and solving the complex challenging problems associated with this disease.

The e-conference features scientific sessions which will be delivered by eminent international and national speakers from different disciplines. The e-conference will also provide the opportunity to scientists and research scholars from various organizations to put forth their innovative ideas and research findings by means of deliberations, discussions and paper presentations (oral).



About Nirma University

Established in the year 2003, under a special act passed by the Gujarat State Legislative Assembly, the Nirma University, Ahmedabad is a research-oriented, student-centric, multidisciplinary, not-for-profit state private University. Within a short period of its existence, it has emerged as a nationally renowned higher education institution. The University and its constituent institutes are highly ranked by different ranking agencies.

Nirma University is duly recognized by the University Grants Commission (UGC) under Section 2 (f) of the UGC Act. The University is accredited by National Assessment and Accreditation Council (NAAC). The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU). Nirma University has received an Overall India Rank of 52 and Global Rank of 756 in the category of Higher Education in SCIMAGO institute ranking framework.

Dr. Karsanbhai K Patel, Chairman, Nirma Group of Industries and Nirma Education and Research Foundation (NERF), is the President of the Nirma University. Under his leadership, the University is expanding every passing year and moving from strength to strength.

Spread across the sprawling lush green 115-acres campus, the University has a host of institutes, departments and centers, including Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law, Institute of Architecture & Planning, Institute of Commerce, Department of Design, Faculty of Doctoral Studies and Research, Centre for Continuing Education, Centre for Entrepreneurship, Centre for Advanced Instrumentation and Centre for Robotics and Automation, Centre for Family business and Entrepreneurship, Centre for Quality Assurance and Academic Development and Centre for Excellence in Data Science. The institutions under the University offer numerous undergraduate, postgraduate and doctoral programmes. Apart from these, the University also offers several certificate and diploma programmes.

About Institute of Pharmacy

VISION

Striving to excel in pharmaceutical education, research & innovation to develop outstanding professionals catering to the health care needs of the humankind.

MISSION

The institute aims to develop employable students, researchers and entrepreneurs by inculcating critical thinking, problem solving ability, ethical values and leadership skills. Institute provides vibrant environment for continuous learning by strengthening industrial collaboration for developing competent professionals.

Institute of Pharmacy was established in the year 2003 under Nirma University with the aim of developing able professionals in the field of pharmaceutical sciences. In a short span of time, it has become one of the leading institutions in the country, offering pharmaceutical education at the undergraduate, postgraduate, doctoral and postdoctoral level. Institute has been ranked 17th in India Ranking 2020 by Ministry of Human Resource Development, (MHRD), Government of India in its National Institutional Ranking Framework (NIRF). Institute of Pharmacy is ranked FIRST in GSIRF-2020 rankings by Govt. of Gujarat and the only Pharmacy institute in Gujarat with CGPI 4.5 from 5. The Institute offers B. Pharm, M. Pharm, Full time and External Ph. D and postdoctoral programme. The B. Pharm programme is accredited by National Board of Accreditation for three years (2019-2022). The Institute has adopted Outcome Based Education (OBE) to further advance the professional knowledge, inculcate employability skills in addition to development of character and social responsibility. To achieve the same objectives, vision and mission of the institute were also defined in line with the University's vision and mission. The Institute has also defined its programme educational objectives and programme outcomes. The Institute has more than 9.0 crore rupees grant from government agencies and has collaboration with various research centers, industries and institutes in India and abroad. The Institute houses state-of-the-art instruments, like Supercritical Fluid Extractor and Chromatogram, HPTLC, HPLC, MPLC, GC, Fluorescence Spectrometer, Raman Spectrometer, UV-VIS-NIR Spectrophotometer, FTIR, DSC, ELISA, PCR, Electrophoresis, Texture Analyser, Automated Dissolution Apparatus, Extruder-Spheronizer, Multiple Diffusion Assembly, High Pressure Homogenizer, Particle Size Analyser, Microwave Synthesizer, Stereotaxic apparatus with Micro dialysis, etc. The Institute also has the software, like iWorx, eCTD, Design Expert, etc. The Institute has a two-storied animal house facility registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Government of India. Besides, there is also a medicinal plant garden "Nirma Herbal Wealth", having an area of 3356.5 sq m with around 150 genera and 500 plants.

About Indrashil University

"True celebration of research lies as much in inventions as in making the medicine affordable to the last man in the society."

Late Shri Indravadan A. Modi, Founder Chairman–Cadila Pharmaceuticals Ltd.

Indrashil University (IU) has come into existence by an Act (No.10 of 2017) of State Legislature of Gujarat as a State Private University under the Gujarat Universities Act, 2009. IU was established as a philanthropic initiative of its Founding Chancellor, Dr. Rajiv I Modi in the loving memory of his parents, Shri Indravadan Ambalal Modi and Smt Shilaben Modi who laid the foundation stone of Cadila Pharmaceuticals Ltd.(CPL) in 1951. To honour their legacy of care and compassion, the university's governing body and Dr. Rajiv Modi are determined to holistically transform and develop the University into a hallmark of global academic excellence.

The Founder Chairman of CPL, Shri Indravadan A. Modi was a great visionary, yet an extremely humble and generous person. Also known as the Medicine Man of India, Shri Modi was a true nationalist and pioneered the production of medicines in India. As the first employee of Cadila, Smt. Shilaben Modi offered unwavering support to him; she was the strength behind Shri I.A. Modi's resolve to make medicines affordable to the most vulnerable section in our society. The entire IU Parivar is deeply inspired by their principles and pledge to accomplish its goal keeping in mind the rich culture, values and morals founded in the ethos of Cadila Pharmaceuticals Ltd.

IU is a first of its kind university in the state of Gujarat offering courses in Life Sciences with focus on academic, research and professional development. It is being developed with a clear vision to provide the best quality of education in the field of Life Sciences and its allied sectors and to be a World Class Research University. The University caters to a wide variety of prospective students through full time degree courses as well as various short term programmes. The University shall not be limited to only life sciences programmes but would follow a multidisciplinary approach and offer a wide array of programmes such as Management, Law, Humanities and Social Sciences. It is committed to strives and achieve best quality of education with all-round development of its students.

VISION

Indrashil University strives to be an epitome of excellence in higher education by imparting knowledge, focused education and experiences to students in the field of Life Sciences and the research aspects related to it. This will empower them to go back to the world as experts in their fields, serving humanity and giving back to the world, which are sciences at its best.

MISSION

Indrashil University seeks to realize its mission by providing the students with high quality education and training that is unmatched. Combining rigorous academic study along with the support of industry experts, students will get prepared as sector specialists with a global footing.



Advisory Committee Members

MEMBERS FROM INSTITUTE OF PHARMACY

Prof. Manjunath Ghate

Director, Institute of Pharmacy

Prof. Tejal Mehta

Head, Department of Pharmaceutics

Prof. Priti Mehta

Head, Department of Pharmaceutical Analysis

Prof. Jigna Shah

Head, Department of Pharmacology

Dr. Hardik Bhatt

Head, Department of Pharmaceutical Chemistry

Dr. Niyati Acharya

Head, Department of Pharmacognosy

MEMBERS FROM INDRASHIL UNIVERSITY & CPL

Dr. J. S. Yadav

Provost - Indrashil University

Mr. Sameer Nagarajan

Global President - HR

Dr. Manjul Joshipura

Sr. Vice President, R&D and NPD

Dr. Bharti Dave

Dean- School of Science, Indrashil University

Mr. Dinesh Patel

Sr. Vice President and Manufacturing Head

Mr. Abhinand Pandya

Strategic Project Manager

Dr. Vandana Modi

Vice President, Phytochemistry

Main Tracks and Sub-Tracks of e-Conference

Pharmaceutics and Pharmaceutical Technology

- Pharmaceutics and Pharmacokinetics
- Novel Drug Delivery System
- Nanotechnology and Material Science

Pharmaceutical Chemistry

- Pharmaceutical Chemistry including Synthetic - Medicinal Chemistry
- Organic Chemistry in Drug Development
- Biochemistry, Chemical Biology and Bioinorganic Chemistry
- Supply of Intermediates, Reagents & Excipients

Pharmacology/Biology

- Molecular Biology and Cell Biology Research
- System Biology specific to Genomics, Proteomics, etc.
- Clinical Research and Data Management

Pharmaceutical Analysis and Quality Assurance

- Pharmaceutical Analysis of Drug and Related Products
- Quality Control of Pharmaceuticals
- Stability Studies of Pharmaceuticals

Pharmacognosy and Natural Product

- Herbal Drugs and Formulations
- Pharmacognosy Involving Natural Product Scaffold in Drug Discovery
- Nutraceuticals and Natural Immunomodulators

Regulatory Affairs and Global Scenario for Pharmaceuticals

- IPR and GLP Related Issues
- Medical Devices and Diagnostic Tools
- Role of India in global Pharma sector for generic drugs, drug research and new drug delivery systems

Confirmed Speakers



Prof. Dong-Soo Shin

Department of Chemistry, Changwon National University, Changwon, Kyongnam, South Korea.



Dr. Ian S. Haworth

Associate Professor & Vice Chair, Department of Pharmacology & Pharmaceutical Sciences, School of Pharmacy, University of Southern California, Los Angeles, California, USA.



Dr. Frederick Frankhauser

Department Chair, Pharmaceutical Business & Administrative Sciences, Program Director, Regulatory Affairs and Health Policy, School of Pharmacy, MCPHS University, USA.



Dr. Stephen Kerr

Interim Dean and Professor, School of Pharmacy, MCPHS University, USA.



Dr. Marco Lolli

Associate Professor in Medicinal Chemistry, Dept. Science and Drug Technology-University of Turin (UniTO), Italy.



Dr. Bhushan Patwardhan

Hon'ble Vice-Chairman, University Grants Commission, New Delhi



Dr. Heena Patel

Associate Director, Clinical Operations, Gilead Sciences, Inc., Foster City, CA, USA.



Dr. Hitesh Malviya

Director, New Vaccines, Serum Institute of India, Pune



Dr. Ram Vishwakarma

Council of Scientific & Industrial Research, Anusandhan Bhavan, New Delhi.



Dr. Suresh Patankar

Clinical Physician, ACE Hospital, Pune.



Dr. Manu Jaggi

Chief Operating Officer, Dabur Research Foundation, Ghaziabad.



Dr. Souvik Maiti

Sr. Principal Scientist, CSIR - Institute of Genomics and Integrative Biology, New Delhi.

Confirmed Speakers



Dr. Asit K. Chakraborti

Visiting Professor, Dept. of Chemistry,
S S Bhatnagar Block,
Indian Institute of Technology, Ropar,
Punjab.



Dr. Thennati Rajmanner

Executive Vice President,
Sun Pharmaceuticals, Baroda.



Dr. Prathama Mainker

Sr. Principal Scientist & Chair,
Department of Organic Synthesis &
Process Chemistry, CSIR – Indian
Institute of Chemical Technology,
Hyderabad.



Dr. Bakulesh Khamar

Executive Director,
Cadila Pharmaceuticals Ltd.,
Ahmedabad.



Dr. Dinesh Patel

Sr. Vice President and Manufacturing
Head,
Cadila Pharmaceuticals Ltd.,
Ahmedabad.



Dr. Anthony Addlagatta

Senior Principal Scientist, Applied
Biology,
CSIR – Indian Institute of Chemical
Technology, Hyderabad.



Dr. Suman S. Thakur

Principal Scientist, Proteomics and Cell
Signaling, CSIR - Centre for Cellular and
Molecular Biology (CCMB), Hyderabad.



Prof. Arun Shukla

Associate Professor, Wellcome Trust-
DBT Senior Fellow & Young
Investigator,
Indian Institute of Technology, Kanpur.



Dr. Prajwal Nandekar

Sr. Scientist, Schrodinger Inc., India.

For more details, kindly refer:

<http://www.ncic.co.in>

Call for Paper Presentation (Oral)

Abstracts not exceeding 250 words are invited for paper presentation (oral) in any of the main tracks and sub-tracks of the e-conference. Confidential peer-review shall determine acceptance or rejection of submitted abstract for paper presentation (oral).

Guidelines for Submission of Abstract

- Abstract should contain Title, Name(s) of Authors, Affiliation(s) along with the postal address of Authors, Email address of Presenting Author and body text of the abstract.
- The Title should be specific to reflect the work to be presented.
- Title should be in Times New Roman, Bold, font size 16 with single line spacing, center alignment and Title case.
- Name(s) of Author(s) should be described as Surname followed by Name, in Times New Roman, font size 14 with single line spacing, center alignment and Title case.
- The name of presenting author must be underlined.
- In case of more than one affiliation, each affiliation should be marked by numbering in superscript after the name of the author.
- Email address of presenting author should be in Times New Roman, Italics, font size 14 with center alignment.
- The body text of the abstract (not exceeding 250 words) should be in Times New Roman, font size 12 with 1.5 line spacing, justified and in sentence case.

Register online first and submit abstract through website only latest by March 12, 2021. No abstract submission will be accepted on email. Acceptance of the abstract shall be communicated latest by March 14, 2021.

Guidelines for Paper Presentation (oral) during e-Conference

- Presenting author of accepted abstract has to present work during paper presentation (oral) session in the e-conference.
- The language for presentation is strictly in English.
- Presenting author will be given maximum 5 minutes to present maximum of 10 slides of power point presentation (PPT) explaining details of work.
- The paper presentation number should be included on first slide of presentation.
- The use of presentation tools like figures, charts, tables, etc. is preferable.

Paper presentation will be evaluated for competition by respective experts of the field. Delegate must ensure quality of content provided in the presentation for evaluation.

Exciting Prizes for the Best Paper(s) in Each Track



Who Can Participate

Academicians, Researchers, Pharmaceutical Industrial personnel, Clinical practitioners, Research students, Regulators and Foreign delegates.

Abstract Submission Website

For more details about abstract submission and other instructions, kindly refer: <http://www.ncic.co.in>

Important Dates

Last Date for Abstract Submission March 12, 2021

Intimation of Acceptance of Abstract March 14, 2021

Last Date for Registration March 15, 2021

Registration

All participants will have to register online for the e-conference. Registration fee for different categories is as follows:

Category	Registration Fees (Inclusive of tax)
(A) UG Student	Rs. 150/-
(B) PG / Ph.D Student	Rs. 250/-
(C) Delegate from Academia	Rs. 400/-
(D) Delegate from Industry	Rs. 500/-
(E) Foreign Delegate	US\$ 25
(F) Last moment registration	
Indian Delegate	Rs. 600/-
Foreign Delegate	US\$ 40

For more details about instructions for registration and payment, kindly refer <http://www.ncic.co.in>

Organizing Committee

Chief Patron

Shri K. K. Patel and Dr. Anup K. Singh, Nirma University
Shri Maheshwar Sahu and Dr. J. S. Yadav, Indrashil University

Convener

Prof. Manjunath D. Ghate, Director, Institute of Pharmacy, Nirma University

Co-Convener

Dr. Bharti Dave, Dean- School of Science, Indrashil University

Organizing Secretary

Dr. Hardik G. Bhatt, Institute of Pharmacy, Nirma University
Dr. Namrata Bajaj and Dr. Nidhi Gour, Indrashil University



For Further Details Please contact:

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