

General Info: Virtual International Conference on Physical Sciences (ICPS – 2021)

Organized by

Department of Physics, Department of Chemistry and Department of Applied Mathematics and Humanities, Sardar Vallabhbhai National Institute of Technology, Surat 395007, India

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ICPS - 2021

VIRTUAL INTERNATIONAL CONFERENCE on
PHYSICAL SCIENCE

5th-6th February, 2021



Under Institute
Diamond Jubilee
Celebration

Conference highlights

Interdisciplinary Platform in the field of Physical Sciences

Physics	Chemistry	Mathematics	English
<ul style="list-style-type: none"> • High Energy • Astrophysics • Space Physics • Condensed Matter • Nanomaterials • Laser and Optics • Renewable Energy • Plasma Physics • Energy storage • Theoretical Physics • Biophysics 	<ul style="list-style-type: none"> • Atoms and Molecules • Chemical reactivity • Reaction Kinetics • Etronic Structure • Molecular Dynamics • Spectroscopy • Nanomaterials • Nano-bio systems • Drug delivery • Green technology • Catalysis 	<ul style="list-style-type: none"> • Fixed Point Theory • Least-square Methods • Atmospheric Model • Fourier series • Integral Operators • Approximation Theory • Signal Processing • Image Processing • Pollution Control • Weather Control • Fuzzy Logics 	<ul style="list-style-type: none"> • Literature • Literature in Science • English Language • Histroy of Science

Keynote Speaker







*Science -Not Science- Thinking-
Methodologies - A User's Manual for an
aspiring Scientist*





Prof. Swadesh Mahajan University of
Texas at Austin, USA

Planary Speakers




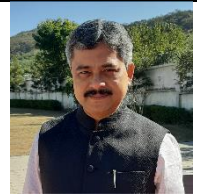
Applied Mathematics and Humanities

			
Dr. Cecile Piret Michigan Tech. University, Michigan, USA	Prof. R. K. George IISST, Trivandrum, India	Prof. Elisabeth Larsen Uppsala University, Uppsala, Sweden	Prof. Nita Shah Gujarat University, Ahmedabad, India

Chemistry











			
Prof. Rajesh K. Jyothi KIGAM, Daejeon 34132, South Korea	Prof. R. Rao Karri Universiti Teknologi Brunei, Brunei Darussalam	Prof. Sobhan Sen Jawaharlal Nehru University, New Delhi India	Dr. Kamlesh Shrivastava Pt. Ravishankar Shukla University, Raipur India

Physics









			
Prof. Martin Obligado Université Grenoble Alpes, LEGI, Grenoble, France	Prof. S. Bhattacharjee IIT Kanpur, Kanpur-208016 India	Dr. Brian J. Simonds NIST, Boulder CO, USA	Dr. Raghunath Sahoo IIT Indore, Indore, India

Invited Speakers









Applied Mathematics and Humanities

				
Dr. S. K. Dubey IIT Delhi, New Delhi, India	Prof. N. Srinivasan IIT Guwahati, Guwahati, India	Dr. S. Kumar IISST, Trivandrum, India	Dr. U. Singh IIT Roorkee, Roorkee, India	Dr. A. K. Das S. M. V. Devi Univ., Katra, J & K, India
				
Prof. S. Govindarajan IIT Madras, Chennai, India	Prof. Vijay Gupta N. S. Univ. of Tech., New Delhi, India	Dr. A. R. Gairola Doon University Dehradun, India	Prof. P. Chaturani IIT Bombay, Mumbai, India	Dr. Preeti Oza Univ. of Mumbai, Mumbai, India

Chemistry

			
Dr. T. S. Kang Guru Nanak Dev Univ., Amritsar, India	Prof. M. Palaniandavar Bharathidasan Univ., Tiruchirappalli. India	Dr. T. Banerjee IIT Guwahati, Assam, India	Dr. U. Sharma CSIR-IHBT, Palampur, India
			
Prof. V. K. Aswal BARC, Mumbai, India	Prof. P. Subramanian IIT Kanpur, Kanpur, India	Prof. R. K. Singhal BARC, Mumbai, India	Prof. D. N. Srivastava CSIR-CSMCRI, Bhavnagar, India

Physics

			
Dr. B. B. Sahu IIT Delhi, New Delhi, India	Dr. Utpal Sarkar Assam University, Silchar, India	Dr. H. Pandey JIIT, Noida, India	Dr. J. N. Pandya M. S. Univ. of Baroda, Vadodara, India
			
Dr. Vishal Joshi PRL, Ahmedabad, India	Dr. Madhurima Jana NIT Rourkela, Rourkela, India	Dr. Arun Anand M. S. Univ. of Baroda, Vadodara, India	Prof. Surjit Mukherjee M. S. Univ. of Baroda, Vadodara, India

Chief Patron

Prof. S. R. Gandhi, Director

Patron

Prof. P. L. Patel, Dy. Director

Chair Person(s)

Dr. Ajay K. Rai, Associate Professor & Head, Department of Physics

Dr. Bharat Z. Dholakiya, Associate Professor & Head, Department of Chemistry

Dr. Sushil Kumar, Associate Professor & Head, Dept. of Applied mathematics & Humanities

Organizing Secretaries

Dr. Vipul A. Kheraj, Associate Professor, Department of Physics

Dr. Debesh R. Roy, Associate Professor, Department of Physics

Dr. Shail Pandey, Assistant Professor, Department of Physics

Dr. Suresh K. Kaliasa, Associate Professor, Department of Chemistry

Dr. Naved Malek, Associate Professor, Department of Chemistry

Dr. Ritambhara Jangir, Assistant Professor, Department of Chemistry
Dr. Naveen Togati, Assistant Professor, Department of Chemistry
Dr. Ranjan K. Jana, Assistant Professor, Dept. of Applied Mathematics & Humanities
Dr. Indira P. Debnath, Assistant Professor, Dept. of Applied Mathematics & Humanities
Dr. Shailesh K. Srivastava, Assistant Professor, Dept. of Applied mathematics & Humanities

Editorial Members

Dr. Ajay K. Rai, Dr. Bharat Z. Dholakiya, Dr. Sushil Kumar, Dr. Vipul A. Kheraj, Dr. Debesh R. Roy, Dr. Shail Pandey, Dr. Suresh K. Kaliasa, Dr. Naved Malek, Dr. Ritambhara Jangir, Dr. Naveen Togati, Dr. Ranjan K. Jana, Dr. Indira P. Debnath, Dr. Shailesh K. Srivastava