

ABOUT 1ST INTERNATIONAL CONFERENCE

1st International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy was held on February 21 - 23, 2020 at Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, India. It was a great and successful event as more than 100 participants gathered to share their knowledge at one platform in a friendly environment. The participants were not only from India but also various other countries like Japan, Chile, etc. and from India across 15 states. All the presented papers have been accepted to publish in Scopus Indexed Journal, Springer Conference Proceeding (AISC) or CRC book Chapter (Taylor and Francis).

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Important Dates

Full Paper Submission	20/11/20
Acceptance of Full Length Paper	30/12/20
Early Registration	15/12/20

Registration Fees

Students (PG/ Research Scholars)	Rs. 3000
Faculties	Rs. 4000
Participants from Industries	Rs. 5000
Foreign Students	150 USD
Foreign Faculty	250 USD
Late Fees	Rs. 1000 for Indian 50 USD for Foreign
Extra Paper	Rs. 2500 for Students Rs. 3500 for Faculties
Abstract Presentation	Rs. 1500
Attendee	Rs. 1000

- Relaxation of 20 % registration fees for FIM Life Members.
- The registration fee does not include the Journal publication charges.
- Late fee is applicable after 30 th November 2020.

Indexed by



2nd International Conference on MATHEMATICAL MODELING, COMPUTATIONAL INTELLIGENCE TECHNIQUES AND RENEWABLE ENERGY

Coordinator

Dr. Manoj Sahni

(HOD, Department of Mathematics) February, 2021

Date

06th -08th

Organized by

Department of Mathematics
School of Technology
Pandit Deendayal Petroleum University,
Gandhinagar, Gujarat, India

In Association with

Forum for Interdisciplinary Mathematics (FIM)



Contact Information

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ABOUT THE UNIVERSITY



Pandit Deendayal Petroleum University (PDPU) is located in Gandhinagar, Gujarat. It is recognized by UGC under section 2(7) and has recently accredited by NAAC A Grade. PDPU is a world-class institution, modeled on the pattern of IITs and IIMs which creates a vibrant brigade of knowledgeable leaders in the energy, engineering and technology sectors.

Since its establishment in 2007, the University has enlarged its scope by offering diversified courses in a very short period through schools SOT, SPT, SPM, and SLS to provide excellent academic programs in Management, Petroleum Engineering, Solar and Nuclear Energy and Liberal Education. For the development of its faculties and staff, the University endeavours for various collaborative programs. In March 2018, Central Government of India has granted autonomy to PDPU.

ABOUT SCHOOL OF TECHNOLOGY (SOT)

The school emphasizes on sound theoretical and practical knowledge of the chosen engineering discipline along with a broad overview of other disciplines. It is expected that engineering graduates from School of Technology will care about issues that technology can make difference whether these issues are of health, security, economic well-being or sustainability of world and values. The pedagogy involves industrial orientation, industry internships, civic and social internships, international exposure, workshops and presentations, all geared to give the right learning ecosystem for industry-ready talent. SOT offers 4 years B. Tech., 2 years M. Tech., 2 years M.Sc., 4 years B.Sc. (Hons.) and Doctoral programs in various branches of engineering and sciences.

OBJECTIVES OF THE CONFERENCE

The objective of the conference is to exchange new knowledge and recent development in all aspects of computational techniques, mathematical modeling, energy systems, applications of fuzzy sets and many more. The 2nd International Conference on “Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy” is organized by the Department of Mathematics, Pandit Deendayal Petroleum University in association with Forum for Interdisciplinary Mathematics (FIM). The conference will provide an opportunity for researchers, academicians and students to share their knowledge and discuss the latest developments in their field of expertise. This conference provides the platform for the young researchers to interact with eminent scientists and researchers across the globe. In this conference an equal opportunity is provided to all the participants to share their ideas in the area of interdisciplinary mathematics, statistics, computational intelligence and renewable energy.

ABOUT FIM

The Forum for Interdisciplinary Mathematics (FIM), incepted in 1975 by a group of intellectuals led by Professor Bhu Dev Sharma, University of Delhi, is an Indian based international society of scholars working in mathematical sciences and its applied areas, and is a registered trust in India.

The society is supported by Mathematics Teachers and also users of mathematics from different disciplines around the world. In 2016, first Gujarat Chapter of FIM was formed under the leadership of Dr. Manoj Sahni . The FIM Gujarat Chapter has organized workshops, seminars, short-term training programs in PDPU and nearby Universities in a short span of three years since its inception.

ABOUT THE DEPARTMENT MATHEMATICS

The Department of Mathematics was established in the year 2011. The major research thrust areas are Fuzzy Logic, Continuum Mechanics, NonNewtonian fluid flows, Boundary Element Method, Dual Reciprocity Boundary Element Method (DRBEM), Computational Fluid Dynamics, Computational Neuroscience, Computational Seismology, Software Reliability, Theory of Relativity, Oceanography, Optimization, etc. The Department also offers B.Sc. (Hons.), M. Sc, and Ph.D programs to deserving candidates. The Department has thirteen faculty members and each of them

CALL FOR PAPERS

All the accepted abstracts will be published in the abstract book and a soft copy of it will be supplied to all the participants on the day of Conference. Only peer reviewed accepted full length papers will be published in the Scopus Indexed Proceeding, ‘Advances in Intelligent Systems and Computing’. All the submitted manuscripts will go through plagiarism check before technical review.

- Fuzzy set theory and its generalizations
- Computational intelligence techniques
- Neutrosophic sets of systems
- Information and coding theory
- Decision making and expert systems
- Fuzzy Logic
- Boundary Element Method
- Dual Reciprocity Boundary Element Method (DRBEM)
- Numerics of PDEs
- Continuum Mechanics
- Number Theory
- Computational Biology
- Hydrodynamics
- Computer Science
- Artificial Intelligence
- Machine Learning
- Differential Equations and its Applications
- Energy
- Fractional Differential Equation
- Optimization
- Computational Fluid Dynamics

Research Papers in other fields having mathematical contents are also welcomed.

WEBSITE LINK

<http://mmcitre.com>