

ORGANIZING COMMITTEE:

PATRON

Prof. S. Sundar Manoharan,
Director General, PDEU

VICE PATRON

Prof. Sunil Khanna,
Director, School of Technology, PDEU

CHAIRMAN

Prof. Rajib Bandyopadhyay,
Head, Dept. of Chemistry, PDEU
Prof. A R Jani,
Chairman MRSI Gujarat Chapter

CONVENER

Dr. Kalisadhan Mukherjee

CO-CONVENER

Dr. Satyam Mahendrarao Shinde,
Dr. Balanagulu Busupalli,
Dr. Prahlad K. Baruah

THEME COORDINATOR

Dr. Ankur Solanki
Dr. Mohendra Roy
Dr. Nandini Mukherjee
Dr. Rama Gaur

TREASURER

Dr. Tapan Pal
Dr. Vasudev Trivedi

TECHNICAL COMMITTEE

Dr. Anirban Das
Dr. Manoj kumar Pandey
Dr. Ranjan Kumar Pati
Dr. Sheetal Rawat
Dr. Syed Sahabuddin
Dr. Anup V Sanchela
Dr. Prakash Chandra
Dr. Nitin Chaudhari
Dr. Megha Balha
Dr. Anu Manhas
Mr. Abhishek Atulbhai Gor

ADVISORY COMMITTEE

Prof. Tarun Shah, Registrar, PDEU, India
Prof. Chaitanyamoy Ganguly, PDEU, India
Prof. Anurag Gupta, PDEU, India
Prof. A.D. Patel, MRSI Gujarat Chapter
Prof. R. H. Patel, MRSI Gujarat Chapter
Prof. SB Krupanidhi, President MRSI, IISc, Bangalore, India
Prof. PS Anil Kumar, Chairman MRSI, IISc Bangalore, India
Prof. Suresh Das, Immediate Past President, MRSI, India
Prof. G.U. Kulkarni, JNCASR, Bangalore, India
Prof. S.M. Shivaprasad, JNCASR, Bangalore, India
Prof. Naga Hanumaiah, CMTI Bangalore, India
Prof. Susanta Banerjee, IIT Kharagpur, India
Prof. Alike Khare, IIT Guwahati, India
Prof. Samit Kumar Ray, SNBNCBS, Kolkata, India
Prof. Tata Narasinga Rao, ARCI, Hyderabad, India
Prof. BLV Prasad, NCL Pune, India
Prof. Asim Bhaumik, IACS Kolkata, India
Prof. Parameswar K. Iyer, IIT Guwahati, India
Prof. Ashish Garg, IIT Kanpur, India
Dr. Asit Kumar Das, Reliance Industries Limited, India



ATTRACTIONS IN GUJARAT:



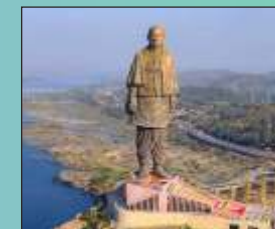
Mahatma Temple



Swaminarayan Akshardham Temple



Gir Forest



Statue of Unity

Visit to the Statue of Unity: Arrangements will be made for visit to Statue of Unity on Day 3 of the symposium. The visit will remain optional @ 1500 /participants (includes travel, entry fees, breakfast, lunch and dinner).



Contact Info



📍 Pandit Deendayal Energy University
Knowledge Corridor, Raisan Village,
Gandhinagar - 382007 Gujarat, INDIA

☎ +91-9775552143
+91-9327045873
+91-8474859759

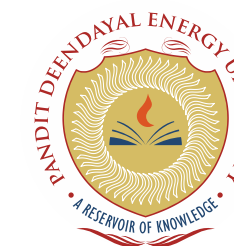
✉ mmetfp2021@gmail.com
🌐 www.pdpu.ac.in

PDEU

Symposium will be on Hybrid mode (Participants are requested to have both vaccine doses for the on campus participation)

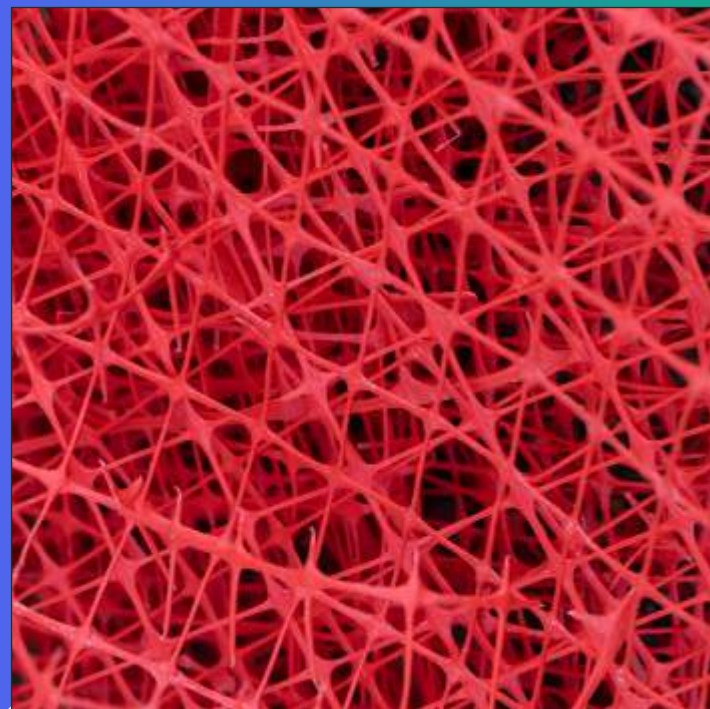
International Symposium on Materials of the Millennium: Emerging Trends and Future Prospects (MMETFP-2021)

Organized by
**Department of Chemistry & Physics, School of Technology,
Pandit Deendayal Energy University,
Gandhinagar, Gujarat, India**



**In Association with
Materials Research Society of India (MRSI)**

November 19-21, 2021
Pandit Deendayal Energy University (PDEU), Gandhinagar



Objectives:

Materials play an important role in developing various technologies aiming at the safety of the environment, exploration of renewable energy sources as well as enrichment in the quality of life. New materials are being explored as well as traditional materials are tailored/ engineered by the researchers for effective use in various fields including but not limited to aerospace, energy sector, medical/healthcare, environment, construction, transportation etc. The last few decades have witnessed massive progress in the field of materials science and engineering. We believe it's time to take a stock of the development already made and decide our future direction. The conference aims to provide a platform to the national scientists, scholars and industrialists to share each other's progress, knowledge and outlook on materials. This will help in unveiling the complete potential of smart materials in disruptive technologies and help in tackling current and upcoming challenges of the millennium.

Call For Abstracts:

Submissions on all emerging areas of advanced materials and their applications are invited. The topics include (but are not limited to) the following

- Synthesis and Characterization of Materials
- Polymers/Ceramics/Composite/ Biomaterials
- Materials for MEMS devices
- Carbon Nanostructures and Graphene
- Physics and Chemistry of Materials
- Structure Property Correlations in Materials
- Electronic, Optical and Magnetic Materials and Devices
- Energy Harvesting/Energy Generation
- Materials for green Environment
- Structural Materials
- Modeling and Simulation of Materials

Theme of the conference:

The symposium is focused to engulf the following most sought-after themes in Materials Science and Engineering

- Design and Rational Synthesis of Functional Materials
- Emerging Trends in Nanostructured Materials, Thin films and Devices
- Advanced Materials for Energy Applications
- Combating Antimicrobial Resistance by Biomaterials (CARB)

Call for proposal for the special session on “Materials for Disruptive Technology”:

The organizers cordially invite experts to propose **Special Sessions** within the general scope of the conference with special emphasis on **materials for disruptive technology**. Two themes will be selected from the submitted proposals for Special sessions. Last date for submission of proposal: August 15, 2021

Important Dates:

Last date for abstract submission: September 24, 2021
 Notification of acceptance of abstract: September 30, 2021
 Last date for full paper submission: October 25, 2021

Registration For Conference:

Please complete the registration form and pay the fees online and send the detail to the organizer through email (mmetfp2021@gmail.com).

Account detail:

Name of the Account Holder: Pandit Deendayal Energy University
 Name of the bank: Punjab National Bank
 Branch Address: "Suman Tower", Sector-11, Gandhinagar (GUJARAT) , 382017
 Agency Code (PFMS) 093310 · IFSC code : PUNB0093310 · MICR Code: 380024075
 Account Number : 09332151005094

Registration Fees

Registration fees	
National Delegates	
UG & PG	INR. 1000
Ongoing Ph D and Postdoc	INR. 2000
Faculty/ Scientist	INR. 3000
Delegate from industry	INR. 4000
International Delegates	
Full Delegates	USD 50
Students Delegates	USD 30

Accommodation

All delegates have to arrange their own accommodation. Organizers may help in securing accommodation on payment basis for delegates within the close proximity of the conference venue.

Sponsorship:

The sponsorship from institutions, organizations and industries to support the symposium will be appreciated and acknowledged. Depending on the nature of sponsorship, the conference will provide any or a combination of business opportunities which may include complimentary registration, business publication in the conference kit, company logo in conference documents, complimentary pages in the souvenir and complementary stall at the exhibition.

About Pandit Deendayal Energy University:

Pandit Deendayal Energy University (PDEU) formerly known as Pandit Deendayal Petroleum University (PDEU) has been established by Gujarat Energy Research and Management Institute (GERMI) as a Private University through the State Act enacted on 4th April, 2007. The 100 acre campus of PDEU is located in Gandhinagar, which is the capital city of Gujarat and located at 14 km from the Ahmedabad airport and 21 km from Ahmedabad's Kalupur railway Station. PDEU is recognized by UGC under section 2(7) and accredited by NAAC A Grade. PDEU has been awarded Scientific & Industrial Research Organization (SIRO) recognition by Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India. The university has four schools, located on the same campus. The schools include the School of Petroleum Technology (SPT), the School of Technology (SOT), the School of Petroleum Management (SPM), and the School of Liberal Studies (SLS) which offer both niche programs as well as programs of general interest, covering UG, PG and Doctoral programs in Management, Humanities, Science and Engineering: The university has its own 1 megawatt solar power plant. The Government of Gujarat has decided to set up an international Centre of Excellence in Automobile at PDEU with investment of Rs. 150 Crores (US\$ 25M) in joint venture with Maruti Suzuki India Ltd (MSIL). The University offers programs to address the need for students through various National and International exchange programs with renowned Universities worldwide. It intends to broaden the opportunities for students and professionals to develop core subject knowledge which are duly complemented by leadership training interventions, thereby helping the students to make a mark in the global arena. In March 2018, Central Government of India has granted autonomy to PDEU.

About Materials Research Society of India (MRSI):

The Materials Research Society of India (MRSI) came into existence in February 1989, thanks to the farsighted vision of Prof. C N R Rao. MRSI functions through 18 Regional Chapters and 16 Subject groups. MRSI recognizes contributions to materials research through Distinguished Materials Scientist of the year Award, MRSI-ICSC Superconductivity and Materials Science Senior Award and MRSI Distinguished Lectureship Award. The MRSI has been regularly publishing the MRSI Newsletter. MRSI co-sponsors the publication of Bulletin of Materials Science (BMS) published by the Indian Academy of Sciences. MRSI is a founding Adhering Body of the International Union of Materials Research Societies (IUMRS) and participates in the international arena of materials research.