



VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

INDO-KOREA VIRTUAL CONFERENCE

DEVELOPMENT OF ADVANCED MATERIALS FOR FUTURE TECHNOLOGIES (DAMFT - 2020)

ABOUT CONFERENCE

The conference aims to bring distinguished professors and renowned scientists to expose various developments in materials and sensors. Major theme of the conference is to explore energy materials, energy storage, biomaterials, biosensors and electrochemical sensors. Participants will learn about the growing applications of nanotechnology in many fields like Biomedical, Electronics, Photonics, Energy and Chemical Engineering. The lectures will be given by renowned experts and researchers who are active in the nanotechnology research area.

CONFERENCE THEMES

- Nano Technology
- Nano Photonics
- Nano Fluids and Nano Structures
- Nano Materials for Energy Applications
- Applications of Nano Structured Surfaces
- Nano Materials for Bio Applications
- Nanoscale Devices for Nanoelectronics
- Nano Fabrication Techniques

Oral/E-Poster Presentation

- Abstracts must be submitted for Oral/E-Poster presentation.
- Abstract will be considered from registered participants only.
- Abstract submission ends on June 30, 2020.
- The acceptance of abstract for Oral/E-Poster presentations will be intimated to the delegate on July 2, 2020.
- Students/Research Fellows participating for the Oral/E-Poster Presentation will be given 8 minutes for the presentation and 2 minutes for the discussion.

Registration and Abstract Submission

• Free Registration!

- All participants are requested to fill <https://bit.ly/damftregistration> on or before June 30, 2020.
- Use same link for abstract and poster submission.
- Details regarding link to the webinar and password will be communicated to the registered email address by 3 July 2020.

e-Certificates

- Participation certificate will be given to registered participants only who attend a minimum of 4 sessions.

Dates to remember

- Last date for Registration and Submission of Abstract: 30 June 2020.

9 - 10
JULY 2020

For any queries
Write to us at damft2020@gmail.com
Call us at : +91 95660 04711

FREE
REGISTRATION

KEYNOTE SPEAKERS



Prof. R. Jayavel
Director - Center for
Nanoscience and Technology
Anna University
Chennai, India



Dr. J. Senthil Selvan
Department of Nuclear Physics
University of Madras
Chennai, India



Dr. N. Vijayan
Principal Scientist - Indian Reference
Materials Division (IRM-BND)
CSIR - National Physical Laboratory
New Delhi, India



Prof. Joong Hee Lee
Vice President
Jeonbuk National University
Jeonju, South Korea



Prof. Nam Hoon Kim
Head of Department, Advanced
Materials Institute for BIN
Convergence Technology
Jeonbuk National University
Jeonju, South Korea



Prof. Min-Suk Oh
Division of Advanced Materials
Engineering
Jeonbuk National University
Jeonju, South Korea

CONFERENCE CHAIR



Dr. Rajeev Ranjan
Department of Physics
National Institute of Technology
Jamshedpur, India



Dr. Anuj Krishna
Indian Reference Materials Division
CSIR - National Physical Laboratory
New Delhi, India

CONVENERS



Dr. R. Navamathavan
Division of Physics
School of Advanced Sciences
VIT Chennai
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Dr. J. Balamurugan
Advanced Materials Institute for
BIN Convergence Technology
Jeonbuk National University
Jeonju, South Korea



Dr. Sanjit Das
Division of Physics
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India

CO - ORGANISERS



ABOUT VIT

Vellore Institute of Technology (VIT), recognized as one of the Institution of Eminence (IoE) in 2019 by Government of India, was founded as Vellore Engineering College in 1984 by the Chancellor Dr. G. Vishwanathan. VIT was awarded 1st position among private institutions in India for Innovation (ARIIA 2019 Award) by Govt. of India, as recognition for its excellence in nurturing research innovations and entrepreneurship in young minds. VIT, known for its academic excellence, attracts students from all the 29 states of India and more than 41 different countries. Currently, VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP).

VIT achieved 15th position among the engineering institutions in India by NIRF 2020, Govt. of India. VIT received 4 STAR rating in QS ranking, making it, the first institution in India to have this credential. In addition to this, the consortium of industries, FICCI conferred VIT with the “Excellence in Faculty” award. VIT was ranked number one ahead of other premier Indian universities for its number of publications in SCOPUS Indexed Research Journals for the year 2019. VIT has consistently received “A” grade in the past three cycles of NAAC accreditation. In addition, VIT also has received the coveted ABET accreditation, which is widely recognized throughout the world. VIT, which is consistently placed among the best institutions of the country, aspires to become one of the best universities in the world.

ABOUT JEONBUK NATIONAL UNIVERSITY

Jeonbuk National University (JBNU; Jeonbuk Daehakgyo) is located in the historical city of Jeonju, Republic of Korea. As the flagship national university for the Jeollabuk-do Province, it was founded in 1947 by the provincial fund within the framework of the Korean national university system, following the liberation of the country. JBNU has grown to 17 colleges (including Faculty of Public Policy and Jimmy Carter School of International Studies) and 14 graduate schools (one general, nine specialized and four professional schools). Jeonbuk National University has been ranked 501–550th in the world by QS Top Universities Ranking in 2016.

ABOUT SCHOOL OF ADVANCED SCIENCES

The School of Advanced Sciences comprises of four major divisions namely physics, chemistry, mathematics and social sciences & languages. The school offers a plethora of core and elective courses facilitating B.Tech, M.Tech, MCA, Business and Law programmes. The school offers M.Sc. programmes in Physics, Data Science and Chemistry. The curriculum, which is developed on par with the international standards, keeping in mind the current industrial needs is being supported by the state-of-the-art laboratories to provide hands-on experience and an opportunity to test and experiment theoretical concepts discussed in the classrooms. The unique combination of courses related to pure and applied sciences, soft skills, languages and society related subjects such as sociology, and psychology offered by the school is intended to impart the necessary soft skills and social awareness to the future scientists and engineers. The faculty are engaged in active research in frontier areas.

ABOUT SPIE

SPIE, is the leading professional association in optics and photonics, home to accomplished science, engineering and business leaders from all over the world. Through world-renowned publications, meetings and membership programs, SPIE provides quality information and inspiring interactions that power achievements in the science of light.

For more information, visit <http://www.spie.org>

WHO CAN ATTEND?

UG/PG students, PhD research scholars and early career researchers from physics, chemistry and nanotechnology disciplines, faculty members, scientist from R&D institutes and industry researchers.

ORAL PRESENTATION/E-POSTER PRESENTATION

Abstracts for oral presentation or e-posters related to the thematic areas of the conference are invited. Best oral and e-poster presentations will be selected by a panel of judges and will be awarded.

CHIEF PATRON

Dr. G. Viswanathan
Founder & Chancellor, VIT

PATRONS

Mr. Sankar Viswanathan
Vice-President, VIT

Dr. Sekar Viswanathan
Vice-President, VIT

Mr. G. V. Selvam
Vice-President, VIT

Dr. Sandhya Pentareddy
Executive Director, VIT

Ms. Kadhambari S. Viswanathan
Assistant Vice-President, VIT

Dr. Anand A. Samuel
Vice Chancellor, VIT

Dr. V. S. Kanchana Bhaaskaran
Pro Vice Chancellor, VIT Chennai

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