



VIT[®]

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

One Day Virtual International Conference on

PHOTOVOLTAIC AND MATERIAL SCIENCE

On June 23rd 2020



Organized by

Centre for Crystal Growth (CCG)

Vellore Institute of Technology (VIT)

Vellore - 632 014

Tamil Nadu, India

Organizing Committee

Chief Patron : **Dr. G. Viswanathan**
Chancellor

Patrons : **Mr. Sankar Viswanathan**
Vice President

Dr. Sekar Viswanathan
Vice President

Mr. G.V. Selvam
Vice President

Ms. Kadhambari S. Viswanathan
Asst. Vice President

Co Patrons : **Dr. Anand A. Samuel**
Vice Chancellor

Dr. S. Narayanan
Pro Vice Chancellor

Chairman : **Dr. S. Kalainathan**
Director, CCG

Convenor : **Dr. Ravi Shanker Babu**, CCG

Coordinators: **Dr. Ruban Kumar A**, CCG
Dr. Malathi M, CCG
Dr. Madhuri W, CCG
Dr. Shaik Kaleemulla, CCG
Dr. Vijaya Chamundeeswari S P, CCG
Dr. Usha Rani M, CCG

Vellore Institute of Technology

VIT Vellore obtained grade “A” for all the programs offered by the University during the re-accreditation processes in February 2015. The University was recently Ranked No.1 Private Engineering Institution by MHRD, Govt. of India. VIT – Recognized as Institution of Eminence (IoE) by Government of India. The institute was established with the aim of providing quality higher education at par with international standards. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Presently the student’s strength has crossed 25,000.

Our Memoranda of Understanding with various international Universities are our major strength. Mission of VIT is to educate students from all over India, including those from the local and rural areas, and from other countries, so that they can become enlightened individuals, improving the living standards of their families, industries and society. There are student and faculty exchange programs, to encourage joint research projects for the mutual benefit.

Centre for Crystal Growth

Centre for Crystal Growth (CCG) was established in VIT with financial support from various national funding agencies like DST, DRDO, NRB, CSIR, UGC-DAE, BRNS and IGCAR to grow high-quality single crystals using various techniques like slow evaporation, Bridgman, SR and flux technique. The major research areas in the research centre are crystal growth, thin film fabrications, nanomaterials, ceramics, biomaterials, polymers and laser shock wave processing. CCG has eight qualified faculties, published over 500 national and international research articles and produced 30 doctoral candidates. The centre has received 20 projects from national funding organizations and also published many patents in the field of laser shock peening.

Registration details

The virtual conference will be online via **MICROSOFT TEAM**. **Registration is free of cost**. Register using the link below.

<https://forms.gle/8D3judRsEXTFmwPZ9>

Who can participate?

Faculty Members, PhD students, Postgraduate and Undergraduate students (Engineering, physics / chemistry) and other equivalent domain can also participate. **E- certificates will be issued** to all the registered participants by the organising committee.

Topics to be covered

- ✓ Photovoltaic
- ✓ Fuel Cells
- ✓ Nano Lithography
- ✓ Surface Analysis
- ✓ Magnetic Thin Films
- ✓ Crystal Growth

Important Dates

Last date for registration : **22th June**
Conference date : **23th June**

For more details, please contact

Dr. Ravi Shanker Babu

Centre for Crystal Growth (CCG)

Email ID : ravishankarbabu@vit.ac.in

Phone : **8072777575**

List of speakers

Photovoltaic



➤ **Prof. Nazmul Ahsan**
University of Tokyo,
Japan



➤ **Prof. Abasifreke Ebong**,
The University of North Carolina
at Charlotte, USA



➤ **Prof. Babak Parkhideh**
The University of North Carolina
Charlotte, USA



➤ **Prof. Sudhagar Pitchaimuthu**
Swansea University,
UK



➤ **Dr. Dhaiveegan P**
Tripod Nano Technology
Corporation, Taiwan



➤ **Dr. Nagalingam Rajamanickam**
NIMS,
Japan



➤ **Dr. Silambarasan**
University of Campinas,
Brazil



➤ **Prof. Satoru Yoshimura**
Akita University,
Japan



➤ **Prof. Jikei Mitsutoshi**
Akita University,
Japan



➤ **Prof. Manabu Yamada**
Akita University, Akita
Japan



➤ **Prof. Hiro Tatsuoka**
Shizuoka University,
Japan



➤ **Prof. Michał Piasecki**
J Dlugosz,
Poland



➤ **Prof. Monirul Islam**
Tsukuba University,
Japan



➤ **Prof. Maria Teresa Cuberes
Montserrat**, Universidad de
Castilla- La Mancha, Spain



➤ **Prof. Sumathi Radhakrishnan**
Leibniz-Institut für
Kristallzüchtung (IKZ), Germany



➤ **Prof. S. Kalainathan**
VIT,
Vellore