



THANTHAI PERIYAR GOVERNMENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE and affiliated to Anna University, Chennai.)

(Accredited by NBA)

Vellore – 632 002. Tamil Nadu. India.

Website : www.tpgit.edu.in

Department of Physics

Organises

AICTE

Sponsored



Two days National Level Online Conference

on

ADVANCES IN FUNCTIONALIZED MATERIALS

(NCAFM 2020)

08 - 09 October, 2020

Chief Patron : **Dr. Rahila Bilal**, Principal.

Coordinator : **Dr. S. Murugavel**, Professor, Dept. of Physics



About the **Institute**

Thanthai Periyar Government Institute of Technology, started in the year 1990, is one of the ten Government Engineering Colleges in Tamil Nadu which is approved by All India Council for Technical Education (AICTE) and admits students purely on single window system of admission. This institution offers five under graduate and three post graduate courses.

A sprawling campus surrounded by lush green cover, provides an ideal atmosphere for the students to learn and excel in the field of technical education. In addition to theoretically reinforcing the fundamental concepts of the Engineering, the students are exposed to latest trends, keeping in mind with industry requirements, through interactive practical sessions, held in well-equipped laboratories.

The college also conducts many International/National Level Conferences and Symposiums for the benefit of students, as a part of annual agenda, in order to get them acquainted with technological advancement and updating with evaluating trends.

About the **Physics Department**

The Department of Physics at Thanthai Periyar Government Institute of Technology was established in 1990. The Department offers basic scientific foundation to Engineering students, through highly experienced and well qualified teachers. The ongoing thrust fields of research interests in the Department of Physics, TPGIT include Crystallography, Drug design, Nano-materials, Thin films, and Solid state physics. As part of the research activity, the department has published more than 100 research articles in various reputed Indexed Journals like SCI, Scopus etc.

Scope of the Conference

It provides a platform for academicians, faculty members and young researchers from across the country to meet together and interact with one another through online. Also exchange innovative ideas in the field of advanced functionalised materials. Emerging trends in advanced functional materials find promising applications for the advancement of various technological developments such as optical, magnetic, electrical, electronic, optoelectronic, energy and display devices, etc..

Call for Papers

Students, researchers and academicians are invited to submit their original research papers on the following areas and related topics of interest but not limited to

- Crystallography and crystal growth
- Glasses, Ceramics and Polymers
- Electronic and optoelectronic devices
- Thin films and nanotechnology
- Semiconductor devices
- Materials synthesis and characterization techniques
- Electronic structures and phonons
- Optical, Structural, Magnetic and Electrical Properties of Materials
- Bio-materials
- Smart materials

Invited Speakers

Prof. Rajni Kant, University of Jammu.

Prof. K.Sekar, IISC Bangalore

Prof. M.Thamilselvan, GCT, Coimbatore

Prof. N. Vijayan, Principal Scientist, NPL, New Delhi

Prof. K. Sivakumar, Anna University, Chennai

Prof. A. Subbia Pandi, Retd. Joint Director, Dharmapuri

Advisory Committee

Prof. K. Chinnakali, Anna University, Chennai

Prof. A. Ponnuswamy, MK University, Madurai

Prof. K. Venkataraman, Sri Sankara University, Kanchipuram

Prof. G. Senthil Kumar, Univ. College of Engg, Arni

Prof. M.V. Muruganatham, BMS College of Engg., Bangalore

Prof. A.K. Srivasthava, Lovely Professional University, Punjab

Prof. S. Aravindan, Presidency College, Chennai

Prof. M. Nizam Mohideen, The New College, Chennai

Prof. P.G. Aravindan, Govt TMC, Gudiyatham, Vellore

Prof. R. Ravisankar, Govt. Arts College, Thiruvannamalai

Prof. G. Ramesh Kumar, Univ. College of Engg, Arni

Prof. S. Ranjith Kumar, SRM IST, Chennai

Prof. R. Ranganathan, PRIST University, Thanjavur

Prof. C.S. Jacob Prasanna Stephen, Voorhees College, Vellore.

Prof. S. Senthil Kumar, PSG Tech., Coimbatore

Dr. C. Ravikumar, TPEVR GPT, Vellore.

Organizing Committee

Dr. V. Vetrivelan, TPGIT, Vellore

Dr. S. Santhosh, TPGIT, Vellore

Mr. S. Nagarajan, TPGIT, Vellore

Publication

All the selected papers will be published in conference proceedings with an ISBN. The extended version of selected papers will be recommended for publication in any of the UGC approved journal with publication charges as per the Journal requirement.

Paper Submission

Authors are invited to submit full length paper along with abstract in ms word file with 5-6 pages, typed in 12 font size of Times New Roman format to ncaf20@gmail.com.

All papers will be reviewed by expert members. Before final acceptance, all reviewer comments must be rectified. Plagiarism of any form will lead to outright rejection of paper. Each submission is regarded with an undertaking that, if paper is accepted, at least one of the authors must attend the e-conference to present the work online mode.

Oral Presentation Norms

The selected papers by the selection committee only will be considered for oral presentation. Presentation time : 12 minutes (10 minutes for presentation and 2 minutes for discussion).

The presentation mode: Power Point

Font size : Between 20 and 26

Font : Cambria /Calibri (Body).

Slides orientation : Landscape

The presentation will be through online mode. Presentation link will be shared two days ahead of the conference.

Who shall attend?

- Students - Under Graduate (UG), Post Graduate(PG), Research Scholars
- Research Trainees & Associates
- Academicians / Faculty Members / Teachers
- Corporate Professionals / Entrepreneurs / Business Practitioners / Industrialists

Dates to Remember

Full papers Submission : August 28th, 2020

Notification of Acceptance : September 04th, 2020

Registration deadline : September 18th, 2020

Awards / Appreciation

The best presentation for each session will be awarded with a certificate of appreciation and will be intimated during the Valedictory function on 09-10-2020.

Registration details

The candidates are to register themselves along with registration fee at conference website www.ncafm2020.in after the acceptance of the paper. Participants without paper submission can start their registration.

Registration Fee

Academic delegates	Rs. 500 /-
Delegates from Industry	Rs. 1,000 /-
Students / Scholars	Rs. 300 /-
Participation Only	Rs. 150/-

Note: Author & Co-author(s) of accepted paper, should register and pay registration fees individually.

The authors of the registered manuscripts will be issued proceedings with ISBN (Soft and hard copy) and certificate of publication. Participants will be issued participation e-certificate.

Account Holder Name : THE PRINCIPAL
(TPGIT)
Account Type : Saving Account
Bank Name : State Bank Of India
Branch : Bagayam, Vellore
Account Number : 10507878656
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Address for Correspondence

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