



MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)

9TH NATIONAL CONFERENCE

ON

2021
Cmpa

**CONDENSED MATTER PHYSICS AND APPLICATIONS
(Web Conference)**

ORGANIZED BY

DEPARTMENT OF PHYSICS

MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL ACADEMY OF HIGHER EDUCATION

DATE: SEPTEMBER 16 - 17, 2021



Scan to Register

Patrons

Dr. Ramdas M Pai, *Chancellor, MAHE*

Dr. H S Ballal, *Pro Chancellor, MAHE*

Advisory Board

Lt. Gen. (Dr.) M. D. Venkatesh, *VC, MAHE*

Dr. Narayana Sabhahit, *Registrar MAHE*

Cdr. Dr. Anil Rana *Director, MIT*

Dr. Somashekara Bhat, *Joint Director,
MIT*

Chairman

Dr. Mohan Rao K

Head, Dept. of Physics, MIT

Convener

Dr. Pramoda Kumara Shetty

Dept. of Physics, MIT

Co-Convener

Dr. Raviprakash Y.

Dept. of Physics, MIT

Treasurer

Dr. Mamatha D Daivajna

Dept. of Physics, MIT

Contact Details

Convener, CMPA-2021

Department of Physics

Manipal Institute of Technology

MAHE, Manipal – 576 104 Karnataka

E-mail: cmpa.phy.mit@gmail.com

Phone: 7892310437 (M)

0820 – 2925621 (O)

Web: <https://conference.manipal.edu/cmpa>

Important Dates

**Last date for abstract submission and
registration:**

September 1st, 2021

Conference Date:

16th and 17th September 2021

[Click Here to Register](#)

About the Conference: National Conference on Condensed Matter Physics is an annual event of the Department and CMPA 2021 is 9th in the series. This will be held in online platform. This conference will provide a platform to academicians, teachers and young researchers to interact with distinguished scientists in the field and to know the latest in the field of Condensed Matter Physics. It aims at kindling interest in the minds of young students to pursue research as their career. It is expected that the Conference widens the scope of research and foster interdisciplinary research among teachers

About the organizing Institution: Manipal Institute of Technology is known far and wide as an excellent technical institute in the country. It started in 1957 as a self-financed engineering college by Dr. TMA Pai.

About the organizing Department: Department of Physics is one of the founder departments of the Institute. Currently the department has grown and developed into a centre of PG studies and research with a faculty strength of 19. Faculty are specialized in various fields such as Condensed Matter Physics, Thin Film Devices and Theoretical Physics. The total external funds received by the Department for various research projects is over Rs. 60 Million. The department offers open elective subjects to BTech/MTech students apart from teaching Engineering Physics. The department offers MSc (Physics) and PhD programs. Presently about forty students are pursuing fulltime PhD in the department.

One page abstract in A4 size sheet with 12pt font size (Times New Roman) and 1.5 line spacing (Microsoft word or pdf format) may be sent to cmpa.phy.mit@gmail.com and papers will be selected for online presentation on the recommendations of expert committee. Participants are requested to submit their abstracts within the specified time limit. **Only one paper per registered participant will be accepted.** However, one may be a co-author of more than one paper. Topics include, but not limited to

- Semiconductor devices
- Photonic materials
- Thin films and nanotechnology
- Radiation – matter interaction
- Materials synthesis and characterization
- Superconductivity
- Crystal growth and characterization
- Polymers, glasses and ceramics
- Bio-materials, thermoelectric materials
- Spintronics materials

Selected papers will be published in **Materials Today: Proceedings** published by Elsevier (Indexed in Scopus) after peer review, provided publisher's conditions are met.