



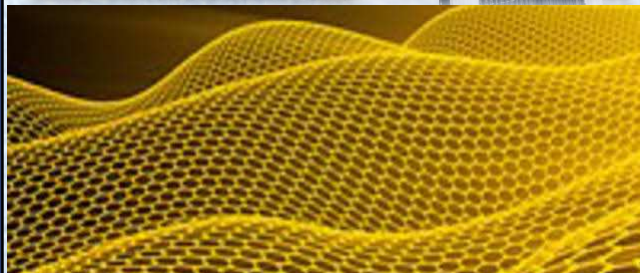
**Solapur University,  
Solapur**

Sponsored



**National Conference on Advances  
in Condensed Matter Physics  
(NCACMP-2019)**

Thursday, 28<sup>th</sup> February 2019



Organized by

**Department of Physics  
D. B. F. Dayanand College of  
Arts & Science, Solapur.**

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UGC Awarded College with Potential for Excellence  
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**Dr. R. N. Mulik**, Convener  
Head, Department of Physics,  
D. B. F. Dayanand College of Arts and Science,  
Solapur.

e-mail: [drnmulik@gmail.com](mailto:drnmulik@gmail.com)

**Registration Form**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Institution/College/University: \_\_\_\_\_

Department: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

E-mail ID: \_\_\_\_\_

I wish to submit a paper: Oral/Poster

Date:    /    /

Place:

Participant's Signature      Principal's Signature

(Use photocopy of the form if required)

**Payment Details:**

Mode of Payment: Cash or D.D. drawn in  
favour of, Principal, D. B. F. Dayanand College  
of Arts & Science, Solapur.



Dear Sir/Madam,

On behalf of organization committee, we cordially invite you to historic place Solapur for one day National Conference on Condensed Matter Physics (NCACMP-2019) sponsored by Solapur University, Solapur. The conference will highlight invited talks from reputed resource persons on major topics of Condensed Matter Physics. The purpose of this conference is to provide a forum for exchange of ideas concepts and techniques of Condensed Matter Physics.

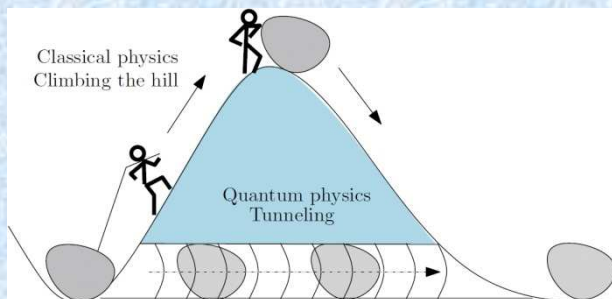
### Objectives and Scope of Conference:

Presently, the area of condensed matter physics is considered as the largest branch of physics and it has the greatest impact on our daily lives by providing foundations for developments of technology. One of the finest inventions: transistors and semiconductor chips have led to the widespread use of a variety of data storage, telecommunication, and multi-media devices (e.g., cellular phones, digital still and video cameras, MP3 players, GPS, flat panel HDTVs, DVDs, hard disk drives, flash drives, Blue-ray players, iPod and iPad, etc.), and personal computers. Condensed Matter Physics has benefitted the every aspect of our daily lives. Several condensed matter systems are being studied with potential applications in quantum computation, including experimental systems like quantum dots, SQUIDs, and theoretical models like the toric code and the quantum dimer model. Condensed matter systems can be tuned to provide the conditions of coherence and phase-sensitivity that are essential ingredients for quantum information storage.

The conference Condensed matter physics aims to bring together leading academicians, scientists, and research scholars to exchange and share their experiences on recent development in this area. The participants will be benefited by the invited talks of Scientist from various National Laboratories/Institutes working in the field. The conference will also aim to motivate the young students towards the research in the field.

The main objectives of the conference are:

- ✓ To make the students and teachers aware of the recent advances in the field of condensed matter physics.
- ✓ To develop the interest among students in the area of Materials science.
- ✓ To discuss the recent novel applications and innovations in the field of condensed matter physics.
- ✓ To discuss the present challenges in the development of condensed matter physics.



### Submission of Abstract:

Abstracts of original and unpublished work are invited for Oral/Poster presentation on the relevant topics. Abstract should be prepared using MS-Word typed in 1.5 spacing using Times New Roman font 12 on one side of A-4 size paper with 1.5 inch margin. Abstract should not exceed 300 words. Participants are requested to clearly mention about their choice of presentation (Oral/Poster) and participants will be communicated through e-mail:

[physics@davanand.net](mailto:physics@davanand.net)

**Size of Poster:** 1 metre X 1 metre

#### Conference Publication:

The organizing committee has decided to publish a proceeding with ISBN number.

A full length camera ready manuscript should be sent by e-mail to [physics@davanand.net](mailto:physics@davanand.net)

**Registration Fees:** Rs. 200/-

**Note:** Registration is Mandatory for Paper/Oral presentation.

