



National Conference on
Advances in Condensed Matter Physics (ACMP - 2020)
Organized by
Post Graduate Department of Physics,
Govt. Autonomous College, Angul, Hakimpada, Odisha - 759143
3rd -4th December 2022



About The Event

The national conference entitled “**Advances in Condensed Matter Physics (ACMP- 2020)**” is an initiative of Post Graduate Department of Physics, Government Autonomous College, Angul. It was scheduled to be held on 28-29 March 2020 but due to pandemic situation, it was postponed. It aims to bring in young researchers, scientists, academicians, industry personnel and students across the India into a common scientific forum to discuss and disseminate the latest research findings. The programme of the conference will include series of plenary talks given by well-known and highly cited scientists, academicians and researchers of the premier institutes of the country and allows them to present their research findings in the field of condensed matter physics in both theory and experimentation.

Objectives

The main objective of the conference is to disseminate recent research findings and developments in different areas of condensed matter physics and its contemporary technologies. The conference also aims to provide a global platform for the participants to share and discuss their latest theoretical and experimental results to promote interdisciplinary research. For young mass it is a great opportunity to learn about current advancements in this field. The conference is aimed to focus on the following topics:

- ✚ Theoretical & Experimental Material Science
- ✚ Theoretical & Experimental Condensed Matter Physics
- ✚ Soft Condensed Matter Physics
- ✚ Ferroelectric & Lead free Piezoelectric Materials
- ✚ High K Dielectrics
- ✚ Solid State Physics
- ✚ Magnetism and Magnetic Materials
- ✚ Semiconductor Materials
- ✚ Cryogenics & Superconductivity
- ✚ Materials Science and Engineering
- ✚ Graphene and Fullerenes
- ✚ Nanomaterials and Nanotechnology
- ✚ Advanced Materials and Ceramics
- ✚ Nuclear Physics & Bio Physics

Eligibility & Registration Process

The conference is open for all the academicians belonging to the faculties of Physics and Science & Engineering fields related to the theme. M. Sc., M.Phil. students and research scholars can also register for the event. The registration fees are:

- PG Students – ₹400
- M.Phil. students & research scholars - ₹600
- Faculty Members - ₹800

Registration process - both online & offline

Mode of Payment – Demand Draft/ NEFT

DD details

In Favour of “**Convenor - ACMP**”

Payable at **Indian Bank, Angul Branch**

NEFT Details

A/C Number : 6813781544

Beneficiary Name : Convenor - ACMP

IFSC Code : IDIB000A136

MICR Code : 759019102

Branch Code : 00A136

Indian Bank, Angul Branch

Spot registration facility is also available at the venue on 3rd December 2022 between 8:00 AM - 9:30 AM.

Registration fee covers seminar kit, proceedings, Certificates, Refreshments, Lunch and Dinner.

Important Dates (Phase – 2)

Registration process starts – **25th Sept 2022**

Registration process ends – **5th Nov 2022**

Last date for Abstract Submission – **5th Nov 2022**

Notification of Acceptance – **10th Nov 2022**

Accommodation request up to – **7th Nov 2022**

Call for Abstracts

On behalf of the Organizing committee participants are invited and encouraged to submit their abstracts in the following format to be selected for oral or poster presentation under various topics. Abstracts with figures and tables if any (**Maximum 2 pages**) should be prepared in MS word (Times New Roman). The title (Font Size 14) should be typed in bold followed by Author's name(s) and affiliation (both in font size 12). This should follow the e-mail ID (font size 10) in italics of the authors. The presenting author should be underlined.

Posters should be precise with general format as above i.e. title in capital letters and bold, name of authors and institution in small capitals and centered. The posters should fit in 1 m X 1.2 m display board.

Please send your abstract by e-mail to **acmp.2020.gaca@gmail.com**.

The acceptance of the papers shall be communicated after a proper review. Accordingly, oral or poster presentation status of the paper will be communicated later.

Participants are requested to visit the website for latest updates.

Accommodation details

Limited accommodations are available for the participants on first come first serve basis. Hotels at Angul Town are also available with a tariff ranging from ₹500/- to ₹1500/- per person depending on the quality of accommodation.

Publication

The extended versions of the accepted and presented papers as well as the abstracts of the posters will be included in the conference proceedings book.

About the College

Government Autonomous College, Angul is a premier institution of Dept. of Higher Education, Odisha. It was established in 1957, by Dr. Hare Krushna Mahatab, the then Chief Minister of the State. The college has UG, PG & some professional courses running under its credit. Each year, more than 3000 students are admitted under Science, Arts and Commerce streams. The college is only a kilometre away from National Highway-55 an important lifeline that runs in the middle of the town.

Since the laying down of the foundation stone of the college, the physics department serves the needs of the students at Undergraduate & Postgraduate level. Faculties in the department are not only engaged in the overall development of the students and the college, but also are actively involved in research activities.

List of Invited Speakers

1. Prof. T S Dutta, IUAC, New Delhi
2. Prof. V V Rao, IIT Khadagpur
3. Prof. N C Mishra, Utkal University
4. Prof. Sidhartha Lal, IISER Kolkata
5. Prof. B R K Nanda, IIT Madras
6. Prof. Pratap Kumar Sahoo, NISER Bhubaneswar
7. Prof. Maheswar Nayak, RRCAT, Indore
8. Prof. Srinibas Satapathy, RRCAT, Indore
9. Prof. Kalpataru Pradhan, SINP, Kolkata
10. Dr. Satya Prakash Sahoo, IOP Bhubaneswar
11. Prof. Krishnacharya, IIT Kanpur
12. Prof. Niharika Mohapatra, IIT Bhubaneswar

Organizing Committee

Patron - Prof. (Dr.) Gangadhar Kar, Principal

Convenor - Dr. Basanta Kumar Sahoo, HOD

Co-Convenor - Dr. Bijayinee Mohapatra

Organizing Secretary - Dr. R K Bhuyan

Contact Persons:

Organizers (Mob: 9437871573, 7008907672, 9124240167)

ACMP 2020

Website:

<http://www.gaca.nic.in/conference/acmp/acmp-2020.html>

Email id: acmp.2020.gaca@gmail.com

