



# Sri Dharmasthala Manjunatheshwara College (Autonomous)

Ujire, Dakshina Kannada – 574 240, Karnataka

(Re-accredited at A++ Grade by NAAC)

**Post Graduate Centre**

**Department of PG Studies and Research in Physics**

*In association with*

**Research & Development Cell**

*Organise*

**Two day National Conference**

on

**BRIDGING THE  
MANY PHASES OF MATTER**

**(NCBMPPM - 2025)**

**Date: 14<sup>th</sup> & 15<sup>th</sup> March 2025**

**Venue: SDM PG Centre**



## College at a glance

Sri Dharmasthala Manjunatheshwara College (Autonomous), Ujire, established in 1966, has achieved a landmark in quality higher education in the rural area of Belthangady Taluk, Dakshina Kannada, Karnataka. The college is known for its 'State of Art' infrastructure and excellent academic ambience focusing on competence development with institutionalized values and ethics for total personality development. The College is re-accredited at A\*\* grade by NAAC in the fourth cycle. The institution has the unique distinction of being recognized as a College with Potential for Excellence by UGC for the third phase. The science departments of the college have received grants from major funding agencies like UGC, DST, DBT, KSTA, VGST etc.

## Department overview

The Department of PG Studies in Physics was established in 2010. The department offers two-year Masters Program in Physics, with the objective of encouraging the students from remote areas to pursue higher education in Physics; the department helps the students to excel in competitive examinations as well as become researchers and teachers. The department caters to the needs of students and research scholars, encouraging students to undertake internships in institutions of repute. DST FIST and VGST K FIST have recognised and funded the Dept. for research projects. Alumni of the Dept. have been pursuing PhD/Postdoctoral studies in reputed institutions in India and abroad.

## About Research and Development Cell

SDM Research and Development Cell is a statutory body that governs research activities among staff and students. The centre received the recognition for research from Hampi University in 2006, Mangalore University in 2008 and Tumkur University in 2012. It has produced 59 PhD's so far and currently 49 research scholars pursuing their PhD with a total of 27 research guides. It promotes research culture among staff and students by providing institutional Seed Money Grant. Also, motivates the faculty to avail grants from various external funding agencies.

## About the Conference

The conference aims to bring together researchers, academicians and students as a multidisciplinary gathering to present their findings and innovations in emerging areas of research in Physics and related fields. The conference includes key-note address, plenary sessions by resource persons and experts, with oral and poster presentations by the participants. The objectives are:

- To foster interactions between participants from different areas of research.
- To create a platform for students, research scholars, faculties, scientists and industry personnel to express their thoughts and research ideas.
- To provide participants an opportunity to present and publish their findings.

**Selected papers will be published in UGC Care listed journal or as conference proceedings.**

## Themes

- Material Science and Technology
- RF & Microwave Antennas
- Nuclear and Particle Physics
- Biological Systems

## Sub Themes

- Photonics, Optoelectronic Materials and Devices, Nanomaterials and related applications, Plasmonics and Quantum Dots
- Antennas and Satellite applications, Fiber optic communication and Integrated Optics
- Crystal growth, Thin films, Composites, Magnetic Materials; Spintronics & Semiconductor Technology
- High energy, Nuclear & Particle Physics, Accelerators, Radiation Physics
- Astronomy & Astrophysics
- Quantum information/computation
- Sustainable fuels, super capacitors & Alternative fuels
- Biomaterials, Computational and Systems Biology

## Guidelines for submission of abstracts

The abstract shall be in Times New Roman, Font size 12 with 1.5 spacing, not more than 250 words and preferably in standard format. It should be submitted to [nc2025sdmphy@gmail.com](mailto:nc2025sdmphy@gmail.com)

### Registration Fee

Industry Delegates	Rs. 1000
Academic Participants	Rs. 800
Research Scholars	Rs. 500
Students	Rs. 250
Spot registration additional fee Rs. 250	

### Registration Link



SCAN FOR REGISTRATION

[https://docs.google.com/forms/d/e/1FAIpQLSffFylaYzo4Dd6Mpl0vHU9ofJ5rQhXPQmJUN4\\_e0xg5N1vCRg/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLSffFylaYzo4Dd6Mpl0vHU9ofJ5rQhXPQmJUN4_e0xg5N1vCRg/viewform?usp=header)

The registration fee shall be paid by DD drawn in favour of "Principal, SDM College Ujire", payable at Ujire or NEFT/Phone Pay/Google Pay/Any UPI.

Bank Name : Bank of Baroda  
Account Number : 71370200000237  
IFSC : BARBOVJUIR (fifth letter is zero)  
Branch : Ujire

## Accommodation

Limited accommodation will be provided in our hostels at nominal rates on prior request. However, alternate accommodation can be arranged in nearby hotels on payment and advance booking basis.

## Important Dates

Last date for abstract submission : 01-03-2025  
Notification for acceptance of abstract : 03-03-2025  
Last date for registration : 07-03-2025  
Last date for Submission of full paper : 10-03-2025

## Invited Speakers

### Dr. C. V. Yelamaggad

Scientist & Professor  
Centre for Nano & Soft Matter  
Science (CeNS), Bengaluru

### Dr. Aravinda S.

Assistant Professor  
Dept. of Physics  
IIT Tirupati

### Dr. Arnab Datta

Associate Professor  
Biological Sciences,  
Yenepoya Research Centre,  
Yenepoya University

### Dr. J. G. Manjunatha

Professor & Head,  
Dept. of Chemistry  
FMC College, Madikeri

### Prof. Dinesh Rangappa

Dept. of Applied Sciences  
(Nanotechnology)  
VTU Centre for PG Studies,  
Muddenahalli Campus,  
Chikkaballapur

### Dr. Vinaya Kumar K. B.

Electrical and Electronics  
Engineering Dept.  
Birla Institute of Technology & Science  
(BITS), Pilani, Goa Campus

### Dr. Muruga Poopathi Raja

Professor, Dept. of Chemistry  
Central University of Kerala  
Kasaragod

### Dr. Swaroop Sahoo

Assistant Professor  
Physics & Electrical Engineering  
IIT Palakkad

## Chief Patron



### Dr. D. Veerendra Heggade

President  
SDME Society (R.), Ujire  
Dharmadhikari, Sri Kshetra Dharmasthala

## Patrons

### Sri D. Surendra Kumar

Vice President, SDME Society (R.), Ujire

### Sri D. Harshendra Kumar

Secretary, SDME Society (R.), Ujire

### Prof. S. Prabhakar

Vice President, SDME Society (R.), Ujire

### Dr. Satheeshchandra S.

Secretary, SDME Society (R.), Ujire

## Organizing Committee

### Chairperson

### Dr. B. A. Kumara Hegde

Principal

### Dr. Vishwanatha P.

Dean, PG Studies  
Head, PG Dept. of Chemistry

### Dr. Prarthana J.

Head  
PG Dept. of Biotechnology  
Co-Convenor

### Dr. Sowmya B. P.

Director, R&D Cell  
Asst. Prof., Dept. of Chemistry

### Dr. Shashiprabha

Asst. Professor  
PG Dept. of Chemistry  
Co-Convenor

### Dr. Raghavendra S.

Head, Dept. of PG Physics  
Convener

### Dr. D. Haleshappa

Asst. Professor  
Organizing Secretary

### Dr. Sahana K

Associate Professor  
Co-Convenor

### Ms. Sowmya K

Asst. Professor  
Joint Secretary

## Members

Dr. Divakara K. | Dr. Vandana Jain | Dr. Ganaraja K. | Dr. Lakshminarayana K. S.  
Dr. Nefisath P. | Dr. Rajesh N. Hegde | Dr. Narayana Hebbar | Dr. Sudarshan P.  
Ms. Apeksha Jain | Ms. Namratha Jain | Mr. Keerthan Kumar