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## Organizing Committee

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### Hon. Bhimraoji Dhonde

(Ex. MLA- Ashti-Patoda-Shirur and Founder President, Anand Charitable Sanstha, Ashti)

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### Principal Dr. H. G. Vidhate

(Senate & Academic Council Member, Dr. BAMU, Chhatrapati Sambhajinagar)

Prof. B. S. Khaire (IQAC-Coordinator)

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Dr. R. G. Vidhate (Head, Dept. of Physics)

### Co-convener

Dr. D. S. Bodkhe (Head, Dept. of Mathematics)

### Org. Secretary

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Mr. K. H. Katke

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### Important Dates

Submission of Abstract : 30 Aug. 2024

Submission of Full paper : 1 Sept. 2024

Acceptance notification : 4 Sept. 2024

Last date of registration : 5 Sept. 2024

### Places of interest



Department of Physics & Mathematics  
in Collaboration with IAPT RC 08F  
Organizes One Day National Conference on  
Emerging Trends in Physics and Mathematics  
(ETPM - 2024)



5<sup>th</sup> Sept. 2024



Anand Charitable Sanstha, Ashti's

**Anandrao Dhonde Alias  
Babaji Mahavidyalaya, Kada Tal.  
Ashti Dist. Beed**

**Maharashtra 414 202**

(NAAC "A+" Grade with 3.34 CGPA)



Organizer

**Prin. Dr. H. G. Vidhate**

(Senate & Academic Council Member, Dr. BAMU)

## Invitation

Dear Sir/Madam,

The Organizing Committee invites students, researchers, faculty members to participate in the One Day National Conference on "Emerging Trends in Physics and Mathematics" (ETPM - 2024) on 5th September, 2024. The conference will focus on revolutionary advancements in physics and mathematics, including quantum computing, artificial intelligence, nanotechnology, and astrophysical discoveries. These trends are driving scientific progress and offering novel solutions to global challenges. In mathematics, the integration of AI and machine learning is transforming data analysis and predictive modeling. The event will include a keynote address, invited talks, oral and poster presentations, and interactive discussions to share research experiences and engage in interactive discussions.

## Scope of the Conference

The conference on emerging trends in physics and mathematics is crucial for advancing scientific knowledge and fostering innovation. It provides a platform for researchers, educators, and industry professionals to share the latest discoveries, methodologies, and applications. By highlighting cutting-edge research and interdisciplinary approaches, the conference promotes collaboration and addresses complex global challenges. Participants gain insights into new theories and technologies that can drive progress in fields like quantum computing, nanotechnology, and artificial intelligence. Ultimately, the conference contributes to the development of solutions that can improve quality of life, enhance education, and support sustainable development in a rapidly evolving world.

## Conference topics

- Nanomaterial's: Synthesis and Characterization
- Nano magnetism, and Memory Devices.
- Thin Film deposition techniques
- Nanotechnology and Materials Science.
- Astrophysics and mathematical Aspects of cosmology.
- Artificial Intelligence and Machine Learning.
- Mathematical modeling of Physics.
- Interdisciplinary Applications.
- Sustainability and Environmental Physics.
- Topology and Geometry in Modern Physics.
- Data Science in Physics and Mathematics.
- Applied Mathematics

**Note:** The above list is only indicative and not exhaustive. The delegates are free to pick any topic of their choice having implications for the theme of the conference.

## About the college

Anand Charitable Sanstha is founded by **Hon. Bhimraoji Dhonde** (Ex. MLA. Ashti Patoda Shirur (ka)) for imparting the education to economically and educationally backward community. Our college is established in July, 1990. It is established with the sole mission of creating and developing the facilities and resources of higher education in order to make easy and convenient accessibility to the youths. Presently this institution runs primary to post graduate level programmes including professional courses. This college is affiliated to Dr. Babasaheb Ambedkar Marathwada University Chh. Sanbhajinagar. It has beautiful campus of 10 acres with adequate infra-structure. The college has been re-accredited with "A+" Grade (3.34 CGPA) by NAAC in May 2023. The college has been imparting education in Art's, Commerce and Science faculties. The research and development activities are being conducted in various departments. Department of Physics is also actively involved in research and innovative activities since its beginning.

## About the conference venue

Kada is located on the bank of the River Kadi. Before independence it was under the rule of Nizam. Venue of the conference is on the Shirdi- Hyderabad National Highway. Nearest Railway station is **Ahmednagar**, which is 45 Km away from Kada, and 100 Km. from district place Beed. There are frequent buses available from Beed, Nanded, Parbhani, Latur, Osmanabad, Tuljapur, Solapur, Ahmednagar, Pune, Mumbai, Nasik and Aurangabad to kada.

## Call for papers

Researchers are invited to submit their full length papers for publication and oral presentations depicting unpublished original research work, innovative ideas, and reviews on the topics relevant to the theme of the conference.

The full length paper will be published in International Peer Reviewed **IJSRST** research journal with **impact factor 8.014**, print **ISSN No. 2395-6011**, online **ISSN 2395-602X** (doi: <https://doi.org/10.32628/IJSRST>).

Set full-length paper as per given template either <https://rb.gy/67i17b> OR

<https://ijsrst.com/index.php/home/Guidelines-for-Authors>

The full length paper should be submitted to Mr. K. H. Katke

E-mail : [katkekiran@gmail.com](mailto:katkekiran@gmail.com) before **4<sup>th</sup> Sept. 2024**.

## Bank details

Name : **Principal, Anandrao Dhonde Alias Babaji College, Kada.**

Bank Name : **Maharashtra Gramin Bank, Kada**

Bank A/C No. : **54506000244**

IFSC Code : **MAHG0004506**

## Registration

### Academic Delegates

With Paper Publication : **Rs. 1000/-**

Without Paper Publication : **Rs. 600/-**

**Industrial delegates** : **Rs. 1500/-**

**Student Delegates** : **Rs. 300/-**

With Paper Publication : **Rs. 700/-**

(Registration fees include conference kit, tea and lunch.)

Delegates are requested to send their registration form along with registration fees in cash, DD, NEFT,UPI & G-Pay.

Online Registration link:

<https://forms.gle/7A7xVNrwDRmWLiWv7>

## Registration Form

I am interested to participate in your National Conference on 5<sup>th</sup> Sept. 2024, Please put me on your mailing list.

Name of the Participant:

Name of the College:

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

Address for Correspondence:

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

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

Title of the Paper:

I am Enclosing a D.D./ NEFT No. \_\_\_\_\_ Dated \_\_\_\_\_ in favor of **Principal, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti, Dist. Beed.**

Date:

Participant Signature

## Contact details

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