



International Conference
on
ADVANCES IN SCIENCES
AND
FRONTIER TECHNOLOGIES: VISION-2047
(ICASFTV-2047)

Organized by
Department of Physics,
Yeshwant Mahavidyalaya, Nanded-431602,
Maharashtra, India

JANUARY
2027
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email: icasftv-2047@dophysics-ymn.in

URL- <https://dophysics-ymn.in>



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SHRI SHARDA BHAVAN EDUCATION SOCIETY

Shri Sharda Bhavan Education Society is established as an educational trust with the noble vision- “Dispel Darkness from the Lives of the Poor” and to provide quality education to economically and industrially backward Marathwada region of the state in 1952.

The Founder President, Hon'ble Dr. Shankarraoji Chavan (Former Union Home Minister), established the first school in 1956. Since then, the Society has made continuous progress and reached new heights.

Higher education facility is introduced in 1963 in the areas of Arts, Commerce and basic Sciences, followed by legal, technical and teachers education. The Society has kept its educational graph rising over the decades. It expanded into many schools and colleges. The society always looked forward to upgrading the educational facilities so as to keep itself abreast of the changes in the rural and urban areas. This contribution was recognized through awards like ‘Dalit Mitra Puraskar’ and various ‘Rajya Puraskar’ from the State Govt. of Maharashtra. Today, Shri Sharda Bhavan Education Society is one of the reputed educational societies in the Marathwada region of Maharashtra. The society has made significant contributions in research and educational development of Nanded district, Maharashtra, India.

ABOUT THE COLLEGE

Established in 1963 by Shri Sharda Bhavan Education Society, Nanded, the Yeshwant Mahavidyalaya, Nanded is a premier institution where excellence is a tradition and “Empowerment through Education” is our guiding principle. Over the last six decades, the college has evolved into one of the most esteemed centers of higher learning in the Marathwada region. Today, it offers Graduate, Postgraduate, and Ph.D. programs to more than 8,000 students.

In recognition of our continued academic excellence and leadership, recently, the college has been awarded a grant of **₹5 crore under the PM-USHA scheme** by the Ministry of Education, Government of India. Through this support, we continue to host national and international conferences, promote student-centric initiatives and strengthen soft-skill development.

The excellence of our institution is reflected in numerous accolades:

- NAAC Accreditation: **‘A’ Grade** (2003, 2010, 2016) and **‘A+’** in Cycle IV (2023)
- Recognition as a **College with Potential for Excellence (CPE)**
- **DST - FIST** sponsored institution
- **District Green Champion Award** from MGNCRE, Government of India.
- **Indira Gandhi NSS Best College Award and Best Programme Officer Award** (National Level)
- **“Platinum Sustainable Campus Partner”** award by Bharat Sustainable Campus Mission 2026 organized by Research Heights Foundation, Hyderabad, Telangana, India.



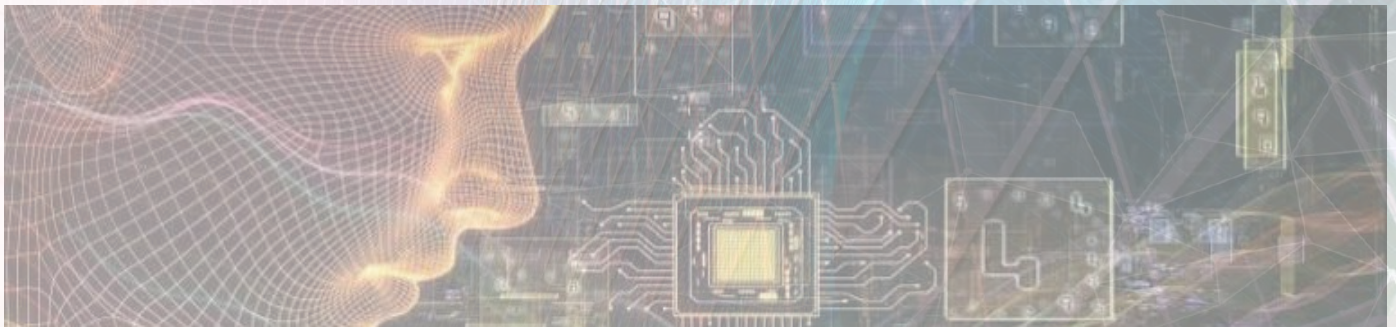
ABOUT THE ICASFTV-2047

The **International Conference on ADVANCES IN SCIENCES AND FRONTIER TECHNOLOGIES: VISION-2047 (ICASFTV-2047)** is being organized by the Department of Physics at Yeshwant Mahavidyalaya, Nanded. This conference is poised to be a premier global platform devoted to the advancement of scientific innovation. It is strategically aligned with the visionary goal of fostering technological self-reliance and sustainable progress, aiming to seamlessly connect and integrate realms of fundamental physics with pioneer engineering applications.

The conference serves as an essential meeting ground for distinguished scientists, researchers, academicians, industry experts and students from various corners of the globe. It seeks to cultivate an environment rich in academic discourse, facilitating collaborative breakthroughs that will redefine the landscape of next-generation advances in sciences and emerging frontier technologies. The conference aims to spark innovative ideas and meta-disciplinary partnerships that can lead to substantial advancements and practical applications in current critical issues and challenges.

Moreover, this conference will serve as a platform for mapping out the scientific milestones that are envisioned over the next two decades. It will encourage a forward-thinking approach that not only anticipates future advancements but also lays the groundwork for ongoing research and development.

Hosted by the vibrant and academically rich community of Yeshwant Mahavidyalaya, Nanded, ICASFTV-2047 is committed to highlighting the institution's dedication to high-impact research initiatives. In addition, it recognizes the importance of nurturing the next generation of scientists. This Conference aims to provide unique platform to early-career researchers and students to engage with global pioneers and thought leaders who are actively influencing the trajectory of science and technology today.



CONFERENCE TRACK AND SUB-THEMES

A) Advanced & Smart Materials

- Nanomaterials & Nanotechnology
- Smart & Responsive Materials
- Biomaterials, Biomedical & Healthcare Applications
- Polymers & Soft Matter Physics
- Sensors and IoT based Agriculture
- Materials for AI and Data Storage
- Materials Processing and Manufacturing
- Quantum Materials & Quantum Computing
- Computational Materials and AI-Driven Design

B) Energy & Environmental Technologies (Sustainability Focus)

- Next-Generation Photovoltaics
- Photo and Electro Catalysis
- Energy Storage Systems & Applications
- Hydrogen Energy
- Green Chemistry at the Frontier of Material Science
- Environmental Remediation Materials
- Climate Change and Agricultural Adaptation Strategies

C) Electronic, Magnetic & Optical Materials

- Semiconductor Physics, Microelectronics, Flexible Electronics
- Spintronics & Magnetic Materials
- Optoelectronics & Photonics
- Medical and Radiation Physics
- Memory Devices & Memristor

D) Frontier Technologies & Computation (Vision 2047)

- Mathematics and Mathematical Physics
- Recent Advances and Emerging Trends in Mathematical Sciences
- Integrating Biological Research with Technological Innovations
- Data-Driven Decision Making in Agribusiness
- Rural Development and Social Dimensions of Agriculture
- Market Dynamics and Price Analysis in Agribusiness
- Communication of Agricultural Statistics to Stakeholders
- Emerging Technology

CHIEF PATRON



Hon'ble Ashokraoji Chavan

Member of Parliament in the Rajyasabha,
Former Chief Minister, Govt. of Maharashtra
& President, SSBES, Nanded.



Hon'ble Mrs. Amita A. Chavan

Former-MLA Bhokar
&
Vice-President SSBES, Nanded.



Hon'ble D. P. Savant

Former Minister of State for Higher and
Technical Education, Govt. of Maharashtra
and Secretary SSBES, Nanded



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Former Principal
& Joint Secretary, SSBES, Nanded.



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Treasurer, SSBES, Nanded.



Dr. Ganeshchandra N. Shinde

Convenor

Former Pro-Vice Chancellor,
S. R. T. M. University, Nanded.
Principal,
Yeshwant Mahavidyalaya, Nanded,



Dr. Pravinkumar R. Mirkute

Organizing Secretary
&
Head
Department of Physics



Dr. Parameshwar R. Chikate

Co-Organizing Secretary
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Department of Physics



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Department of Physics



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Joint Treasurer
Assistant Professor,
Department of Physics

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- Prof. Abner de Siervo Gleb Wataghin Institute of Physics, University of Campinas, Brazil.
- Prof. Dinesh Sawant Scientist 'C', National Chemical Laboratory, Pune.

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- Prof. S. B. Junne Department of Chemistry, Yeshwant Mahavidyalaya, Nanded..
- Prof. S. B. Sirsat Department of Chemistry, Yeshwant Mahavidyalaya, Nanded.
- Prof. V. N. Bhosle Department of Chemistry, Yeshwant Mahavidyalaya, Nanded.
- Prof. S. V. Khansole Department of Chemistry, Yeshwant Mahavidyalaya, Nanded.
- Dr. A. S. Kuwar Department of Chemistry, Yeshwant Mahavidyalaya, Nanded.
- Dr. M. D. Ambhore Department of Chemistry, Yeshwant Mahavidyalaya, Nanded.
- Dr. P. B. Tamsekar Department of Computer Science, Yeshwant Mahavidyalaya, Nanded.
- Mr. S. S. Rathod Department of Electronics, Yeshwant Mahavidyalaya, Nanded.
- Dr. N. L. Ingale Department of Physics, Indira Gandhi Mahavidyalaya, CIDCO, Nanded.

Keynote Address



Padma Bhushan Prof. Deepak Dhar

Boltzmann Medal- 2022 by the IUPAP,
DIRAC- 2026 by ICTP,
International Center for Theoretical Sciences
(ICTS-TIFR), Bengaluru, India.

Plenary Address



Prof. Yoshio Ohshita

Semiconductor Laboratory,
Toyota Technological Institute, Japan

Invited Speakers



Prof. Marisela Martinez-Quiroz

Professor- Researcher SNI-I
CETYS University, Tijuana Campus, B. C., Mexico



Prof. Rupesh S. Devan

Professor, MEMS, IIT Indore, India



Dr. Vinay Hegde

Baylor University, USA, Working at CERN,
Switzerland



Dr. Subhash Chand Yadav

Semiconductor Laboratory,
Toyota Technological Institute, Japan

Invited Speakers



Prof. Arvind Natu

Chairperson of the
Board of Governors, IISER, Kolkata



Prof. Satishchandra Ogale

Director, Research Institute for Sustainable
Energy, (RISE), TCG-CREST, Kolkata, India



Prof. Chandrakant D. Lokhande

Dean,
D Y Patil Education Society,
Deemed to be University, Kolhapur, MS, India.



Prof. Sanjay J. Dhoble

Department of Physics,
R.T.M. Nagpur University, Nagpur



Dr. Mandar V. Deshmukh

Chief Scientist
CSIR—Centre for Cellular and Molecular Biology,
Hyderabad



Dr. Manjusha V. Shelke

Senior Principal Scientist
CSIR- National Chemical Laboratory,
Pune



Dr. Subhash Chand Yadav

Semiconductor Laboratory,
Toyota Technological Institute, Japan

PROGRAM SCHEDULE (TENTATIVE)

27 January 2027

Breakfast & Registration	08:00 am to 09:30 am
Inaugural Session	09:30 am to 10:30 am
Keynote Address	10:30 am to 11:30 am
Tea Break	11:30 am to 11:45 am
Plenary Talk	11:45 am to 12:45 pm
Lunch Break	12:45 pm to 02:00 pm
Invited Talk	02:00 pm to 02:50 pm
Tea Break	02:50 pm to 03:00 pm
Invited Talk	03:00 pm to 04:50 pm
Oral Presentation	04:00 pm to 06:00 pm

28 January 2027

Breakfast	08:00 am to 10:00 am
Invited Talk	10:00 am to 10:50 am
Tea Break	10:50 am to 11:00 pm
Invited Talk	11:00 am to 11:50 pm
Invited Talk	11:50 am to 12:40 pm
Lunch Break	12:40 pm to 02:00 pm
Invited Talk	02:00 pm to 02:50 pm
Tea Break	02:50 pm to 03:00 pm
Oral Presentation	03:00 pm to 04:30 pm
Valedictory session and certificate distribution	05:00 pm to 06:00 pm

PAPER PUBLICATION

- All the accepted papers will be forwarded for the inclusion in the **Springer Nature**. All papers must be original, and within the scope of the conference and peer-review is mandatory. (**Awaiting Approval from Springer Nature**).
- **Extra publication charges from Springer will be applicable.**
- Apart from Springer Publication, other accepted papers will be published in the peer-reviewed conference Journal / proceedings with ISBN.

Guidelines for Submission of paper :

A panel of subject experts will review submitted abstracts. On acceptance of the abstract, the communicating author will be notified to proceed with registration and submission of the full length paper.

- Length of the Abstract: 250-300 words
- Length of Full Paper: 4000- 5000 words (including references)
- Document Type: MS Word
- Acceptable Similarity: <15%
- Paper Size: A4 size with 1 inch margin on all sides
 - Font Size of the actual content: 12, Font Style: Times New Roman, Line Spacing: 1.5, Alignment: Justified
 - Title: Font Size: 14, Bold, Font Style: Time New Roman, Line Spacing: 1.5, Alignment: Justified, Authors details (Full name, designation and affiliation) must be mentioned below the title.
 - Sub-title: Font Size: 12, Bold, Font Style: Time New Roman, Line Spacing: 1.5, Alignment: Justified
 - Table, graphs, figures needs to be black and white

Note 1: The abstracts must include Objectives, Design/Methodologies, Major Findings. The abstract must have at least three (03) Keywords.

Note 2: The full paper must include Introduction, Objectives, Methodology, Findings, Discussion and Conclusion.

Registration Details* (Inclusive of all Taxes)

REGISTRATION INFORMATION

It is mandatory for at least one author of an accepted paper to register for the paper to appear in the conference proceeding. Co-authors must register by paying full registration fee, in case they want to attend and get presentation certificate as conference participant. The application should be made using the registration form and should accompany registration fee as given below:

Faculty	₹ 3,500 /-
Postdoctoral Fellows / Research Assistants /Ph.D. Students	₹ 3,000 /-
UG /PG Students*	₹ 2,500 /-
Listener with Certificate [#]	₹ 2,500 /-
Industry Delegates	₹ 10,000 /-
Foreign Faculty	USD 150
Foreign Students	USD 80

Registration fee is non-refundable and does not include Accommodation and Travel

For Listener: No Conference Kit

** For UG /PG Students : No Conference Kit*

Contact Us:

Dr. Pravin	8668959448
Dr. Param	9158407961
Dr. Anil	8390407918
Dr. Madan	8888161570
Dr. Nilesh	9175522297
Mr. Sanket	9096969571
Mr. Arjun	8975818283

REGISTER



email: icasftv-2047@dophysics-ymn.in

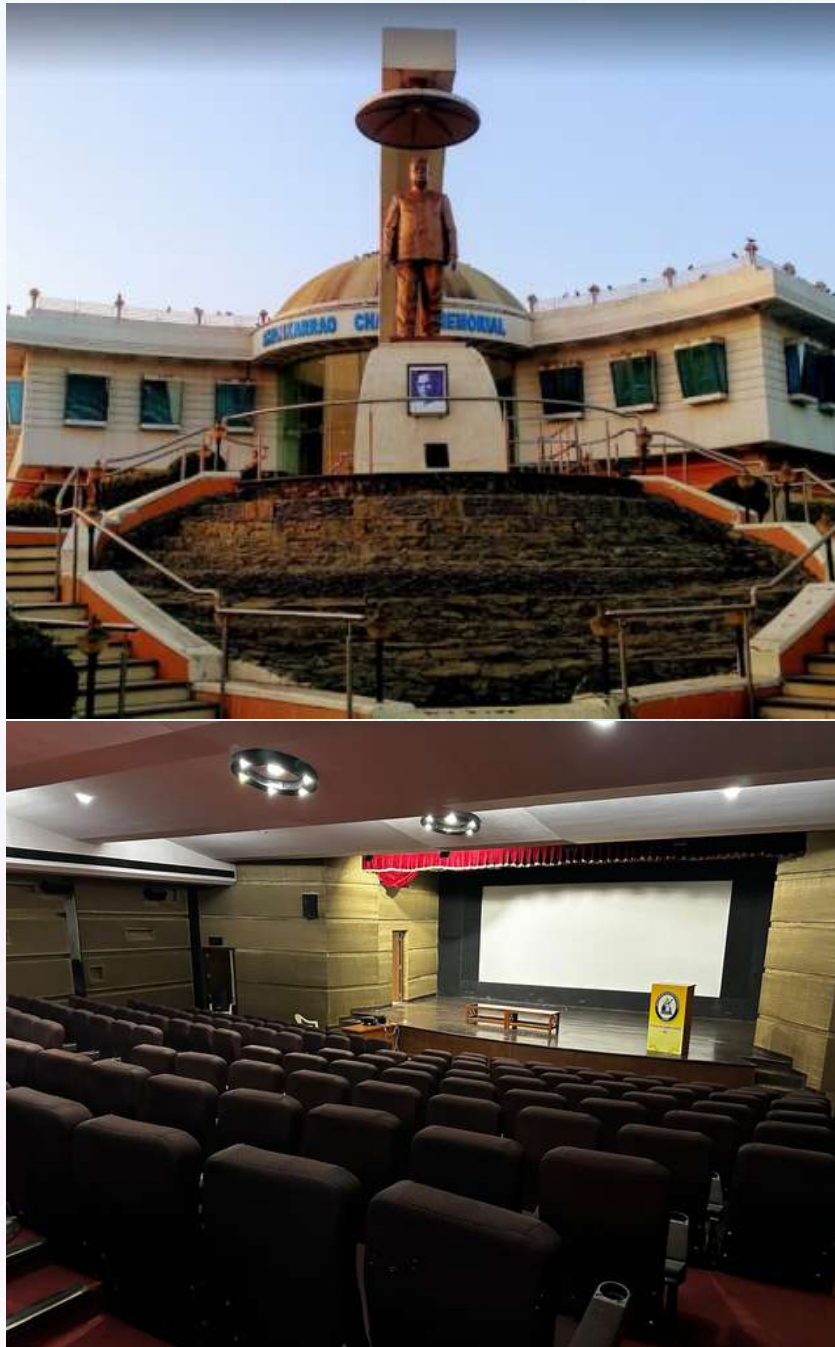
URL- <https://dophysics-ymn.in>

DATES TO REMEMBER



Registration Date:	1st August 2026
Paper Submission Deadline:	30th November 2026
Intimation of Acceptance:	After Paper review acceptance will be communicate via E-mail
Last Date for Registration:	27th December 2026
Conference Date:	27th - 28th January 2027

(ICASFTV-2047) Conference Venue



**Dr. Shankarrao Chavan Memorial Auditorium, Yeshwant Mahavidyalaya Campus,
Nanded- 431602, MS, India.**

Prominent Tourist Places

Takht Sachkhand
Sri Hazur Sahib



3 KM

Kaleshwar Temple



15 KM

Vishnupuri Dam



15 KM

Kandhar Fort



38 KM

Nageshwar
Jyotirling,
Aundha



60 KM

Chalukya dynasty
Temple, Hottal



91 KM

Saharsrakund
Waterfall



100 KM

Saraswati Temple,
Basar



100 KM

Prominent Tourist Places

Shakti Peeth,
Mahur



120 KM

Shri Vajjnath
Jyotirling, Parli



118 KM

Lonar meteoritic
crater Lake



182 KM

Jayakwadi Dam



265 KM

Ajanta Caves



299 KM

Ellora Caves



300 KM

Char Minar,
Hyderabad



286 KM

Golconda Fort,
Hyderabad



267 KM

How to Reach Nanded







International Conference on

Advances in Sciences and
Frontier Technologies

Vision-2047