

NATIONAL CONFERENCE

On

“ADVANCES IN SCIENCES, FORENSICS, PHYSICAL EDUCATION & SPORTS - 2025”

Organized By

Department of Physical Education
RTM Nagpur University

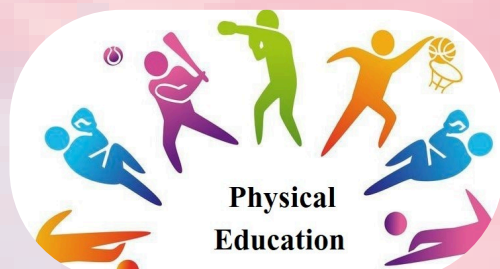
Institute of Science, Nagpur

Jyotiba College of Physical Education,
Nagpur

Government Institute of Forensic Science,
Nagpur

February 27-28th, 2025

Venue: Institute of Science, Nagpur



CHIEF PATRONS



Dr. Prashant Bokare
Hon'ble VC,
R.T.M Nagpur
University



Dr. Shailendra Deolankar
Hon'ble Director,
Higher Edu., M.S Pune



Dr. Rajendra Kakade
Hon'ble Pro-VC
R.T.M Nagpur
University

ORGANISING SECRETARIES



Dr. Raju Raut
Jyotiba College of
Phy.Edu., Nagpur



Dr. Hariprasad Paikrao
Biology Department
GIFSC, Nagpur

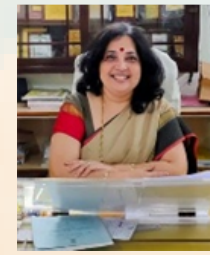
PATRONS



Dr. Vijay Datarkar
Principal
Jyotiba College of Phy.
Edu. Nagpur

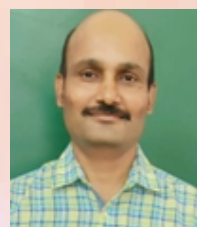


Dr. Jairam Khobragade
Director
Institute of Science,
Nagpur



Dr. Anjali Rahatgoakar
Director
Govt. Institute of
Forensic Science, Nagpur

CONVENERS



Prof. Sunil Patil
Dean, Research
Institute of Science, Nagpur



Prof. Madhavi Mardikar
Dean, Student Welfare, ISc &
Coordinator, PGTD RTMNU

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Scientific Program

The conference invites independent research contributions in the fields of Physics, Chemistry, Mathematics, Statistics, Zoology, Biology, Environmental Sciences, and Forensics, while also encouraging interdisciplinary research. In addition, the event aims to bring together related technologies, creating a platform for the convergence of diverse fields. Physical Education, traditionally considered separate, now intersects with science and technology, particularly in areas like biomechanics, decision review technologies, and sports nutrition. With the rise of extreme sports competitions, the advancements in sports science and physical education are integral to this conference. We also welcome highly interdisciplinary contributions, such as:

- Advancements in core sciences like Forensics, Physics, Chemistry, Biology, Mathematics, Statistics, and Environmental Science.
- Innovations in Physical Education and its growing synergy with scientific progress.

The conference will explore how advancements in science, physical education, and forensics intersect and contribute to each other. Topics will include cutting-edge developments in scientific research, innovations in physical education training techniques, and the application of modern forensic technologies. Moreover, we aim to explore the breaking of boundaries in scientific discoveries, athletic performance, and forensic investigations through new technological and methodological innovations. These advancements lead to significant improvements in performance, health, and criminal justice, and we encourage discussions on how new approaches in these fields can contribute to these outcomes.

Registration Details

Important Dates

- Registration opens **25/12/2024**
- Abstract submission ends **05/02/2025**
- Acceptance of Ext. Abstracts **15/02/2025**

Registration Fee includes Conference Material/ schedule/ agenda etc. a Backpack (folder for students), lunch, breakfast, and high tea.

In absentia (ONLINE MODE) registration will also be accepted, registration fees same as offline mode.

Category	Early Birds Before 15th Feb.	After 15th Feb.	On Spot
Faculty	2000	2500	3000
Research Scholar / Scholar / Fellow	1500	1800	2000
PG Students	500	600	700



Scan to Register

<https://forms.gle/yHyu6JXqAcqageXu8>

For any assistance, registration & additional information, Contact:

Prof. Madhavi Mardikar 7875155888,

Prof. Sunil Patil 9403543886

Dr. Hariprasad Paikrao 8793128820

Email: aspef2025@gmail.com.

Extended Abstract Preparation

- Prospective Authors are invited to submit 1-Page Extended Abstracts by the deadline of Feb 05, 2025, using the google form/QR code.
- Each abstract should indicate appropriateness for the scope of the Conference, originality, and quality of the technical content and whole organization.
- The abstract should, moreover, explain the significance of the contribution and contain a list of key references.
- It must be prepared according to the template provided below (Title 14pt, main text 12pt, Headings in Bold, subheadings in italic, spacing 1.15, A4 size, Margins: 2.54 cm Top-Bottom and 1.91 cm left-right).
- A submission implies a willingness to register and present the work if the abstract is accepted.
- Extended Abstracts will be reviewed by the Technical Program Committee.
- For ONLINE MODE additional 3 min video presentation of the work is to be submitted by 22nd Feb 2025.

Poster Preparation

- Poster must correspond to the submitted abstract.
- Poster should be of the standard size (24" x 36")
- Plan your poster to be in logical sequence, i.e. introduction, study design and methods, data collected, results and discussion, conclusion, and selected references.
- To ensure visual effectiveness of your poster, please use large fonts, 16 and above. Use of colour can visually enhance your poster.
- The posters will be displayed on smooth boards and the use of drawing board pins to hold the posters is not permitted. Please plan to bring your own adhesive tape (preferably transparent) and cutting tool to fix the posters to the display boards.

Full-length Paper Submission

Selected papers will be invited to be published in the peer reviewed/ UGC care listed/Scopus indexed (publication charges, as applicable) journals such as Engineered Science (as per research area), Sanshodhak, etc. after peer review.

About Us

Institute of Science, Nagpur

The Institute of Science, Nagpur, established in 1906, is a renowned educational institution affiliated with Rashtrasant Tukadoji Maharaj Nagpur University. It offers undergraduate, postgraduate, and doctoral programs in various branches of science, including Physics, Chemistry, Mathematics, Statistics, Botany, Zoology, and Biotechnology. The institute is known for its strong academic legacy, modern research facilities, and active engagement in scientific research. It provides students with a well-rounded education through both academic and extracurricular activities. With a focus on scientific innovation, it has produced many notable alumni who have contributed significantly to their fields. Located in the heart of Nagpur, the institute is easily accessible and serves as a key educational hub in central India. Admissions are typically based on entrance exams and academic merit.

Department of Physical Education, RTMNU, Nagpur

The Department of Physical Education, established in 1986, is nationally recognized for its contributions to the field of Games and Sports. Physical Education is an interdisciplinary subject that covers Education, Human Physiology, Anatomy, and Social Sciences, laying the foundation for lifelong fitness and high performance in competitive sports. The department offers a comprehensive curriculum that includes both theoretical and practical components, preparing students to become Physical Directors in schools, colleges, and universities, as well as Sports Managers and Sports Officers in both public and private sectors. Located on a 4-acre campus in the Law College premises, the department boasts excellent sports facilities, including:

1. A 400-meter synthetic track
2. Playgrounds for Kho-Kho, Kabaddi, Volleyball, Handball, Football, Hockey, and Cricket
3. Indoor halls for Table Tennis, Badmintons, and Floodlit Basketball as well as Tennis courts with
4. A sports gallery around the Sports Pavilion and Basketball Pavilion
5. A multipurpose hall for gymnasium activities

The department also fosters a research-oriented environment through research projects and dissertations. It maintains strong linkages with various universities and institutions of national and international repute.

Jyotiba College of Physical Education, Nagpur

Considering the need of producing competent teachers in the field of Physical Education. Recreation & Sports Sciences. Lokmanya Tilak Jankalyan Shikshan Sanstha a premier education society in Maharashtra established Jyotiba College of Physical Education in year the 1991. The College has rapidly attained the maturity of adulthood passing through the infancy stage of progress with its big strides. At present our college has a compact and well maintained campus & its infrastructure resources are being optimally utilized through out the year. Our College is situated in the outskirts of Nagpur city and enjoy and enviable reputation in this region and this is primarily because of its ambience and also because of its insistence on developing positive attitude towards learners especially the marginalized. Our College is recognized by Govt. of Maharashtra and NCTE. WRC, Delhi, Permanently Affiliated to R.T.M Nagpur University, Nagpur and NAAC Accredited with B Grade.

Government Institute of Forensic Science, Nagpur

Crime scenario is rapidly changing at global level. Latest technology is being used by the criminals to commit crimes affecting the common man in every walk of life. There is a need to impart education to scientifically encounter such scenarios. Government of Maharashtra has three such institutes imparting education in Forensic Science at Mumbai, Aurangabad and Nagpur. Government Institute of Forensic Science (IFSc) Nagpur operates under the Higher and Technical Education Department of Government of Maharashtra and is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The curriculum is at par with the global standards and was formulated by a study committee formed by Higher and Technical Education Department of Government of Maharashtra. The global level curriculum will create enormous job opportunities and evolve strong personnel, addressing the present day crime scenario. The Institute takes diligent efforts and utilizes modern scientific methods backed with continuous research to impart quality education to its students. I welcome you to the family of Government Institute of Forensic Science, Nagpur.

DAY 1		DAY 2	
TIME	27 FEBRUARY 2025	TIME	28 FEBRUARY 2025
9.00 AM	REGISTRATION & BREAKFAST	09.00 AM TO 10.00 AM	BREAKFAST
10:30 AM TO 11:30 AM	INAUGURATION	10.00 AM TO 10.45 AM	INVITED TALK
11:30 AM	KEYNOTE SPEECH	10.45 AM TO 11.30 AM	ORAL PRESENTATION
12:45 PM TO 2.00 PM	LUNCH	11.30AM TO 11.40PM	TEA BREAK
2.00 PM TO 2.45 PM	INVITED TALK	11.40AM TO 1.00PM	PAPER PRESENTATION
3.00 PM TO 4.00 PM	PAPER PRESENTATION	1.00PM TO 2.00PM	LUNCH
4.00 PM TO 5.30 PM	TEA BREAK AND EXHIBITION + POSTER PRESENTATION	2.00TO 3:30 PM	AWARDS AND CONCLUDING
		3.30 PM	HIGH TEA

Nagpur City Tourism

Nagpur, known as the "Orange City," offers a blend of cultural, historical, and natural attractions. Key spots include Deekshabhoomi (a Buddhist monument), Futala Lake, Sitabuldi Fort, and Nagpur Central Museum. The city is close to major wildlife sanctuaries like Pench National Park, Tadoba Andhari Tiger Reserve, and Kanha National Park, ideal for nature and wildlife enthusiasts. Religious sites like Ramtek Temple and Saptashrungi Temple add to its cultural appeal. Nagpur is also famous for its oranges, local food, and shopping areas such as Sitabuldi Market and Empress Mall. If interested, you may contact following tour operators:

Scientific Advisory Committee

Dr. S.R. Tiwari	Dr. R. M. Raut	Dr. C. M. Dudhe
Dr. S. R. Thakare	Dr. G. V. Behere	Dr. Mohammad Idrees
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Dr. M. M. Baby	Dr. V. M. Bhuse	Dr. R. R. Patil
Dr. H. R. Pohekar	Dr. V. A. Shende	Dr. S. A. Gadikar
Dr. J. S. Maske	Dr. A.T. Lokhande	Dr. M. D. Kadwe
Dr. V. A. Saoji	Dr. A. A. Malage	Dr. A. D. Maske

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Mr. S. P. Lambghare	Mr. S. S. Waghmare	Mr. R. R. Ramteke
Ms. R. R. Khobragade	Mr. D. P. Nandagawali	Mr. M. B. Mahato
Mr. N. N. Yamde	Mr. A. R. Takale	Mr. S. V. Saini

National Advisory Committee

Dr. N.P. Waghmare (Ex. Dir.)FSL, Goa	Dr. Vijay Thakare, RFSL Nagpur
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Dr. S. J. Dhoble, RTMNU	Dr. Omprakash Chimankar, RTMNU
Dr. Reman Kumar Singh, Ranchi	Dr. Abhishek More, COEP
Dr. Rohini Bhawar, SPPU	Dr. Kashinath Bhogle, SRTM
Dr. Piyush Jain, Delhi	Dr. Habib Pathan, SPPU
Dr. Tanuja Raut, SGBUA	Dr. Sinku Singh, Nanded
Dr. Mahendra Sawant, Tiruanantpuram	Dr. Avinash Asanare SGBUA
Dr. Jagdish Dadge, COEP	Dr. Abhay Srivastav, Delhi

Local Advisory Committee

Dr. Vinay Pawar, RCPIT	Dr. Tapan Dutta
Dr. Anil Karwande	Dr. Vivek Awasare
Dr. Arvind Joshi	Dr. Vishakha Joshi
Dr. Yashvant Patil	Dr. Sharada Naidu
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