

Invitation

The University Department of Physics, Patna University, Patna invites you to participate in the National Conference on “Contributions of Indian Scientists in the different areas of Physics” on 15th April 2018 at Patna, Bihar (India). This conference will provide an unique opportunity to the teachers, researchers and post-graduate students to present their research works and interact with peers. The participants will discuss the contribution of Indian scientists in the different areas of Physics and explore the recent research being conducted in these areas.

About Patna University

Patna University, established in the year 1917 is the seventh oldest university in the Indian subcontinent. The University has contributed extensively towards facilitating educational needs of the people of undivided Bihar, Orissa and Nepal. The University has recently completed 100 years of its glorious existence. Honb’le Prime Minister Sri Narendra Modi graced the main function of centenary celebration on October 14, 2017.

About University Department of Physics

The Department of Physics is located in the aesthetically built campus of Patna Science College near the river Ganges. It was established as a separate department in the year 1952 after its bifurcation from the Department of Physics of Patna Science College. The Department, centre of learning in the country is imparting formal education and pursuing research in physics for last 65 years. The quality and content of the educational program helps the students to deliver their best in different spheres of life. Several students have qualified in NET, GATE, JEST and other national level examinations and joined IISc, IITs, IISERs and other national research institution of repute for PhD program. The Department has also produced a large number of IAS, IPS, central services officials, bankers, teachers who achieved to the highest level in their profession. The Department is actively engaged in research activities in the area of Nano materials including ferroelectric, magnetic and photo luminescent behaviour, Spectroscopy (Nuclear Magnetic Resonance) and Chaos and Non-linear dynamics.

Theme of the conference

To commemorate centenary of Patna University and the 125th Birth Anniversary of Prof. S. N. Bose, the University Department of Physics, Patna University, Patna organises the National Conference on “Contributions of Indian Scientists in the different areas of Physics”. Prof. Bose was an eminent Indian Physicist who contributed primarily in the field of quantum mechanics. His work provided the foundation for the Bose-Einstein statistics and the theory of the Bose-Einstein condensate. This conference will focus on the contribution of the Indian Physicists in different areas of Physics and modernistic research progression in them. The conference will cover the wide spectrum of different areas which are outlined below.

Topics

- ▶ Condensed Matter Physics
- ▶ Nuclear and Plasma Physics
- ▶ Statistical Physics
- ▶ Quantum Physics
- ▶ Atomic and Molecular Spectroscopy
- ▶ Nano Science
- ▶ High energy and Particle Physics
- ▶ Chaos and Non-linear Physics
- ▶ Instrumentation
- ▶ Laser, Photonics and Optical Fiber

Call for the papers

The organising committee is pleased to invite unpublished manuscript as well as review articles in the above-mentioned areas. The manuscript/review article need to be submitted via email to physicspatnauniversity@gmail.com. The email must bear the subject line "Patna University: Manuscript/review article Submission". All the accepted papers/review articles will be published in the conference proceedings of reputed journal.

Author guidelines for preparing manuscript

- ▶ A abstract of the paper not more than one page (A4).
- ▶ Manuscripts should not exceed a strict page limit of 6 pages. Font-Times New Roman, Size-12, File-word and pdf
- ▶ A title page with the title, authors with designation and affiliation and the complete contact information for the corresponding author (address, telephone and fax numbers, email address).
- ▶ At the most 4-5 Figures/Charts/graphs may be included at the end of the word document or submitted as separate jpg files.

Important dates

Last date of abstract submission	: 31 st March 2018
Confirmation of acceptance	: 05 th April 2018
Last date of full paper submission	: 12 th April 2018
Date of Event	: 15 th April 2018

Registration Fee

UG/PG Students-Rs. 250/-, Research Scholar- Rs. 350/-,
Teacher/Postdoc/RA-Rs.1000/-, Others-Rs.2000/-

- ▶ The registration fee includes conference kit, refreshments and lunch.
- ▶ Registration fee may be paid through Net Banking. The details are as follows.
Account Name: HEAD UNIVERSITY DEPARTMENT OF PHYSICS
Account Number: 50434352775
Bank: ALLAHABAD BANK Branch: Patna University
IFSC code: ALLA0210002 MICR code: 800010003
- ▶ Registration may also be done on spot.
- ▶ Participant paying registration fee through online must include their name in remark in payment gateway.