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President of Governing Body & Minister-in-charge
Department of Law & Judicial & P.H.E,
Government of West Bengal

Patron: Prof.(Dr.) Amitava Basu

Principal and Ex-Officio Secretary of Governing Body
Banwarilal Bhalotia College
Asansol, West Bengal

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INVITED DIGNITARIES



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INTERNATIONAL CONFERENCE

On
“Recent Trends on Physics and Allied
Sciences”

(RTPAS-2023)

March 15-16, 2023

Organized By

Post Graduate Department of Physics

Under the aegis of IQAC



BANWARILAL BHALOTIA COLLEGE
Asansol, West Bengal
India

About the Institute

Established in 1944, Banwarilal Bhalotia College (popularly known as B. B. College in the local fraternity), presently affiliated to Kazi Nazrul University, Asansol, India, is one of the leading educational institutions in the area, providing both general and technology-based education. The college boasts of a beautiful campus, spacious classrooms, well-equipped laboratories, state-of-the-art computing facilities, well-stocked libraries, and a large playground. It offers undergraduate courses in various subjects of arts, commerce, and science streams (both honours and general). The three departments of Physics, Zoology, and Hindi are presently running postgraduate courses too. In keeping with the changing needs of the students, the college has introduced courses like BBA, BCA, and some departmental training and certificate courses like dry farming, vermicomposting, mobile repairing, mushroom cultivation, sericulture training, soil water analysis, etc. Under the guidance of our highly dynamic principal Dr. Amitava Basu, we are very much hopeful that B. B. College will be able to nurture generations of enthusiastic learners in the years ahead. In 2010, B. B. College was declared as a "Centre with potential for excellence" by UGC, a rare achievement. Subsequently, in January 2020, the college has been re-accredited (cycle 2) by the NAAC with a grade of B+.

About the Department

The Department of Physics, B.B. College had started its journey since 1960 with under graduate courses. Since its inception, the department has striven to set a good quality education in undergraduate physics. The department takes pride in having many distinguished, ex-faculties and alumni for their contributions towards the department at various points of time. The Department has produced a number of good quality students who obtained first class as well as University Rank in the University examinations. A good number of them have shown their proper success in many spheres of life, such as higher education and research work in different state and central Universities and institutions of repute like IIT, IISc, IISER, BARC, NIIT, TIFR etc. To be a leading department of the College, the department also starts post graduate course of studies to provide extensive and comprehensive Physics education to create leaders and innovators in this subject and generate new concepts, thinking, computational skills and problem solving ability and knowledge for the children of Asansol-Durgapur industrial area. Department of physics recognizes this and constantly strives to empower students to excel in physics through creation, acquisition and dissemination of knowledge in life. The department has its spacious class rooms, well equipped laboratories, ICT enabled class rooms with internet facility and separate seminar libraries both for UG and PG with sufficient number of books. The department also takes pride in having distinguished, sincere and dedicated faculties along with good quality students.

About the Conference

The aim of the 1st International conference on "Recent Trends in Physics and Allied sciences (RTPAS-2023) is to bring together people working and interested in physics and allied sciences. This conference will provide prominent platform with a driving force for scientists from all branches of physics and related sciences, engineers, technologists, decision maker and other professionals. The two day international conference will foster important presentation by a wide range of expert speakers, policy makers and scientific leaders from around the world and aims to foster international scientific networking.

Scope of Conference

RTPAS 2023 is an International conference covering all the research areas in Physics. The conference seeks submissions from academia, industry, and government presenting novel research on all theoretical and practical aspects of various field of Physics. Papers describing the application of different industries in various multi-disciplinary research are also encouraged. Papers describing new methods or technologies, advanced prototypes, systems, tools and techniques and vision papers indicating future directions are also encouraged.

Call for Papers

The conference invites papers from the following tracks:

(Topic not limited to...)

Material Science & Spintronics, Non linear Optics, Quantum Optics, Optoelectronics & Photonics, Nano Science & Nanotechnology, Astronomy & Astrophysics, Electronics, Computational Physics, Non linear dynamics & Chaos, Nuclear and Particle Physics, Statistical Physics & Method, Plasmonics, Plasma Physics, Cosmology, Applied Mathematics .

Publication

Edited volume book with ISBN number (Hard Copy) will be published on the day of conference date.

Important Date

10th February, 2023
Submission of Abstract : ~~21st January 2023~~
Acceptance of Abstract : ~~22nd January 2023~~ 11th Feb, 2023
Submission of Full Paper : ~~25th February 2023~~
Camera ready of Full Paper : ~~1st March 2023~~
Last date of Registration : ~~5th March 2023~~

Guidelines for Paper

Length of the Paper : Maximum 4 pages
Font Type : Times New Roman
Font Size : Title-(14pt. Bold), Subtitle-(12pt. Bold),
Text for main content-(12p Regular)
Text for abstract (12p Italic)
Line Spacing : Single for main content
1.5 for Abstract

Paper Templet: **Word**

Paper Submission link:

<https://forms.gle/ogq6XEMuArfMe1wB8>

Mode of presentation: Oral/poster

❖ Virtual mode will be available as per request

Registration Fee

Delegates from Academic Institute: Rs. 2000/- and outside India 100 USD

Research Scholar: Rs. 1500/- and outside India 80 USD
Students/ Participants: Rs. 500/- and outside India 50 USD

Registration Process

The registration process will be conducted through online mode. The screenshot of the transaction details should be attached to the google form along with other personal information latest by **05/03/2023**. Please follow the link given below: <https://forms.gle/gA6Nbmvmom3QZw4j7>

❖ Accommodation will be provided on pay basis

Payment Mode and Beneficiary Details

Payments should be preferably done via online through bank transfer (NEFT/IMPS/UPI) to the following beneficiary as given below.

Bank Name: Axis Bank Ltd

Account Name : Banwarilal Bhalotia College

Account Number: 912010053805905

Account Type: **Saving Account**

Customer ID : 846377063

Branch : Murgasol, Asansol, West Bengal, India

Branch Code:1405

IFSC : **UTIB0001405**

MICR Code: 713211003