

**ONE DAY
NATIONAL SEMINAR
ON
RECENT ADVANCES IN THEORETICAL AND
APPLIED PHYSICS - 2023 (NSRATAP-23)**

On 10th October, 2023

Organised by

**The Department of Physics, Saldiha College, Saldiha, Bankura,
West Bengal, India, PIN-722173**



*We take immense pleasure in inviting you in the **One Day National Seminar on Recent Advances in Theoretical and Applied Physics - 2023 (NSRATAP-23)** on **10th October, 2023** with the aim of creating a common platform to facilitate the diversified researchers from different institutions to interact, share and exchange their experiences regarding latest developments, achievements and the future directions of the interrelated fields of physics.*

DATE: 10th October, 2023

VENUE: SEMINAR HALL (ROOM NO. 301), SALDIHA COLLEGE, SALDIHA

About the Seminar

Rapid growth and development of various fields of theoretical and applied physics have taken place in recent years. The theme of the seminar has been chosen to precisely cover each of this fields of physics as much as possible. The department of physics is glad to organise this national seminar which aims at bringing together researchers, scholars, students for fruitful exchange of ideas and effective collaboration. The participants will experience the quintessence of theoretical and applied physics and upgrade their knowledge from the experienced experts in various fields of advanced physics.

Subthemes:

- (a) Astrophysics and Gravitation
- (b) Condensed Matter and Materials Physics
- (c) Communication Electronics
- (d) High Energy Physics
- (e) Magnetism and Magnetic Materials
- (f) Nonlinear Dynamics
- (g) Nonlinear Optics
- (h) Nano-materials and Nano-composites
- (i) Photonics and Opto-electronic devices
- (j) Semiconductor Physics

Call for Abstract

Organizing committee invites delegates/participants to submit abstract for presentation (oral only) in the technical session. Abstracts must be in English with the title of the paper, name of author(s), designation, and institutional affiliations and corresponding email address; in MS Word (250 words; Times New Roman; 12 sizes; 1.0 space). All abstracts must be sent as email attachment to: **nsratap23@gmail.com** addressing convener. Acceptance of abstract will be communicated through email within one day. Only the presenter will be provided the certificate of presentation and the rest others will be issued the certificate of participation, provided they physically attend the seminar.

All abstracts must be sent by email attachment to: The Convener, by **6th October, 2023**. For updates visit college website: www.saldihacollege.ac.in

Registration

Participants/Delegates are requested to submit the google form for registration whose link is given below on and before **7th October, 2023**. **Registration will be considered only after receipt of the registration fees, which will include admission to all sessions, seminar kit, lunch and tea.**

Registration google form link: <https://forms.gle/W5qkfwLBN2k7kL3X9>

Registration fees: Rs. 1000/-

Registration fees must be transferred through UPI ID: souravphy@ybl (or mobile no: 9475044158)

Delegates/Participants are requested to send the Scan copy of the Money Transfer Receipt to the Organizing Committee through email: **nsratap23@gmail.com** on and **before 7th October, 2023**

About the College

Saldiha College, Bankura (W.B.) is offering dedicated services to the nation since its humble beginning in 1966 under the leadership of Late Ashwini Kumar Pati, a great social worker with his philanthropic zeal and the noble co-operation of the local people of surrounding villages. This institution is a Government aided (vide recognition U/S2(f)1966 U/S 12(b)1966) degree college affiliated to the Bankura University, West Bengal and is accredited at “B+” level by NAAC in 2016. Currently, Bengali, Education, English, Geography, History, Physical Education & Sports, Political Science, Sanskrit, Santali, Chemistry, Mathematics, Physics, and Zoology are being taught as major subjects. The college also offers post graduate courses in Bengali and History. The college is situated at Saldiha, about 40 km from Bankura town by the side of Bankura-Purulia bus-route (via Bangla-Jorda). The big family is guided by the heartiest teacher and ethical mentality office staff. The lush green college campus includes around 17 acres with hostels, sports ground and water bodies.

About the Department

Just one year after the college was established, in 1967, the department of physics started its journey to fulfil the growing demands of the students of surrounding locality to learn physics. For more than five decades, the department has distinguished itself as one of the preferred places to study physics in the Bankura-Purulia rural belt. Over the years, the department has produced successful graduates who held many important positions in various professions. The present composition of the faculty members includes three Assistant Professors and one non-teaching staff. The department provides ample laboratory facilities. Students also enjoy an additional facility of using the departmental library. The department hopes that students will develop a keen interest in the subject and contribute to the educational life of the nation.

Chief Patron

Dr. Shaikh Sirajuddin
(Principal, Saldiha College, Saldiha, Bankura)

Convener

Dr. Sourav Kundu

Joint Organising Secretary

Dr. Dhoumendra Mandal
Mrs. Rinku Bag

Organizing committee members

Dr. Sridam Mahapatra

Dr. Manik Lal Das

Dr. Sanjoy Mukherjee

Dr. Matilal Sen

Mr. Sudip Sahana

Dr. Chandan Kumar Pati

Dr. Binay Barman

Dr. Dipak Kumar Rana

Dr. Dhoumendra Mandal

Mrs. Rinku Bag

Dr. Samir Kumar Mandal

Dr. Sourav Kundu

Mr. Saumalya Mali

Mr. Asit Das

Dr. Manash Kumar Manna

Dr. Supriya Kumar Misra



CONTACT FOR FURTHER DETAILS

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