

**National Conference**  
on  
**Advancement in Frontier**  
**Physics: From 20<sup>th</sup> century**  
**to the Present**

Celebrating International Year of Light  
26<sup>th</sup> – 27<sup>th</sup> February 2016

*Sponsor*

**Optical Society of India**



*Organized by*

Department of Physics

**Bhairab Ganguly College**

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*In collaboration with*

Department of Physics

**Mrinalini Datta Mahavidyapith**

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*In association with*

**West Bengal State University**



**About Us:**

Bhairab Ganguly College, Kolkata, an esteemed academic institution in the cultural map of West Bengal was established on 3<sup>rd</sup> September, 1968. The College at present has total student strength of approximately five thousand, imparting learning in diverse areas of Humanities, Commerce and Basic Sciences. There are Honours courses in 19 disciplines and General Courses in 23 subjects. Physics department has started functioning from the year 1969 with pass course and Honours programme started from 1991. Our department has organized three state level seminar.

**Theme:**

Recently world has celebrated International year of light and 100 years of General theory of Relativity . Beside these there are several other areas of physics, like Nano-Science, Space Science, High Energy Physics, Condensed matter Physics etc., where rapid advancements have taken place. In this conference we want to share the flavour of these scientific advancements over the last century to till date.

**Poster Presentation:**

A poster Session is included in the conference. Authors are requested to submit abstract (within 400 words strictly in Word format, "Times New Roman", Title (16pt), Text (12pt), 1.5 spacing, A4 page size) by email only to [ncafp2016@gmail.com](mailto:ncafp2016@gmail.com), along with the completed registration form( Available in College website).

The topics covered for the poster presentation include

- **Cosmology and Astrophysics**
- **Plasma Physics**
- **Magnetic Materials**
- **Nano-materials**
- **Theoretical Studies**
- **Optics and Photonics**
- **Semiconductor Physics**
- **High Energy Physics**
- **Positron Physics & Nuclear Physics**
- **Molecular Physics**
- **Electronics and Devices**
- **Biomaterials**
- **Quantum and Statistical Physics**
- **Soft Matters**

**Address for correspondence**

Dr. Debabrata Bhadra & Shirsendu Sarkar, Convenors  
Department of Physics, Bhairab Ganguly College, Belgharia, Kolkata- 700 056

Phone: 9851610634, 9432647570

Email: [ncafp2016@gmail.com](mailto:ncafp2016@gmail.com)

**Advisory Committee:**

Prof. Basab Chaudhuri, Vice Chancellor, WBSU

Dr. Minakshi Ray, Principal, Bhairab Ganguly College

Dr. Apurba Bandyopadhyay, Principal, Mrinalini Datta Mahavidyapith

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**Invited Speakers:**

- **Prof. B.N. Dev , Sr. Prof, Dept. of Materials Science, IACS**
- **Dr. L.N. Hazra, Emeritus Professor, Department of Applied Optics & Photonics, C.U, Kolkata**
- **Prof. Anirban Kundu, Professor, C.U, Kolkata**
- **Dr. Banibrata Mukhopadhyay, Associate Professor, IISC-Bengaluru**
- **Dr. Dhanadeep Dutta, Scientist, BARC , Mumbai**
- **Dr. Amitava Bandyopadhyay, V.B.U, Santiniketan**
- **Dr. Molly De Raychudhury, W.B.S.U, Barasat**

**Important Dates**

Deadline of submission

of abstract: February 18, 2016

Notification of

Acceptance: February 20, 2106

Conference dates:: February 26-27, 2016

**Registration Fee**

Academicians and Scientists: Rs. 400

Research Scholar: Rs. 200

Students: Rs. 50

**The Registration Fee has to made "on the desk by cash" .**