



# KHARAGPUR COLLEGE

Inda, Kharagpur, Paschim Medinipur, West Bengal, India, 721305



National WEBINAR

On

## Advancement of Plasma Physics and Nanoscience

Organised by

The Department of Physics

30<sup>th</sup> June, 2020 10.30 am onwards

### Resource Persons



**Dr. Mukti Ranjan Jana**  
Scientific Officer - G  
Neutral Beam Injection Group  
Institute for Plasma Research  
Gandhinagar



**Dr. Pintu Bandyopadhyay**  
Associate Professor  
Institute for Plasma Research  
Gandhinagar, Gujarat



**Dr. Kuntal Chatterjee**  
Assistant Professor  
Department of Physics  
Vidyasagar University  
Midnapore - 721102



**Dr. Samir Kumar Giri**  
Assistant Professor  
Department of Physics  
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**Dr. Sanjib Sarkar**  
Assistant Professor  
Department of Physics  
Alipurduar College  
Alipurduar - 736122

Registration is free and open from 24<sup>th</sup> June 10.00 am up to 29<sup>th</sup> June 10.00 pm

Link for registration: <https://forms.gle/ngy5mtqLULePUfZ78>

E certificate will be provided through registered e-mail within one week from the webinar.

## Organising Committee

### Chairman

Dr. Bidyut Samanta  
Principal, Kharagpur College

### Patron in Chief

Prof.(Retd) Anjan Chaki  
President, Governing Body  
Kharagpur College

### Organizing Secretary

Dr. Ritwik Saha,  
Assistant Professor & Head,  
Department of Physics, Kharagpur College

### Convener

Dr. Jyotirmoy Pramanik  
Associate Professor, Department of Physics  
Kharagpur College

**Jt. Secretary:** Sri Debasish Aich, Assistant Professor, Department of Physics, Kharagpur College

**Jt. Secretary:** Dr. Tanika Kar, Assistant Professor, Department of Physics, Kharagpur College

**Jt. Convenor:** Sri Rudra Narayan Mondal, Assistant Professor, Department of Physics, Kharagpur College

**Members :** Dr. Samir Kumar Giri, Sri Mihir Das, Assistant Professor, Department of Physics, Kharagpur College  
Smt. Parbati Basu, Sri Pankaj Patra, Guest Teacher, Department of Physics, Kharagpur College

## Important information & links

Participants are requested to join the webinar through the you tube link :

<https://youtu.be/dLmMzJ5LcY8>

registered participants willing to get E certificates are required to fill up feedback form to be provided at the end of the webinar

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For more information contact [webinarphysics2020@gmail.com](mailto:webinarphysics2020@gmail.com) ph no : 7003659637, 8670030318

For updates please join the WhatsApp group via the link:<https://chat.whatsapp.com/HKQFCIDKdEW9auwvfchRUI>

# Programme Schedule

**30<sup>th</sup> June, 2020**

## Inaugural Session

Time	
10.30-10.40	Welcome address by Dr. Jyotirmoy Pramanik, Associate Professor, Department of Physics & Convener, Webinar organising committee
10.40-10.50	Inaugural speech by Dr. Bidyut Samanta, Principal, Kharagpur College & Chairman of the Webinar organising committee
10.50-11.00	Speech by Prof. Anjan Chaki, President, Governing Body, Kharagpur College & Patron in Chief, Webinar organising committee

## Technical Session

	Topic of lecture	Speaker
11.00-11.45	<b>Lecture-I</b> Physics & Technology of Ion Acceleration System for Fusion Research.	<b>Dr. Mukti Ranjan Jana</b> Associate Professor, Homi Bhabha National Institute (HBNI) Scientific Officer – G, Institute for Plasma Research, Gandhinagar
11.45-12.30	<b>Lecture-II</b> Physics of Dusty Plasmas: Recent Experiments	<b>Dr. Pintu Bandyopadhyay</b> Associate Professor, Institute for Plasma Research, Gandhinagar
12.30-13.15	<b>Lecture-III</b> Decreasing Dimensionality – Increasing Functionality: A step to Care our Environment.	<b>Dr. Kuntal Chatterjee</b> Assistant Professor, Department of Physics, Vidyasagar University
13.15- 14.00	<b>Lecture-IV</b> Magnetism at the Nanoscale Level	<b>Dr. Samir Kumar Giri</b> Assistant Professor, Department of Physics, Kharagpur College
14.00-14.45	<b>Lecture – V</b> Quantum Mechanics: Origin to Nanoscience	<b>Dr. Sanjib Sarkar</b> Assistant Professor, Department of Physics, Alipurduar College
14.45-15.00	Vote of thanks by Dr. Ritwik Saha, Assistant Professor & HOD Physics & Secretary, Webinar organising	