

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

An autonomous institute of Govt. of India under MHRD

Mahatma Gandhi Avenue, Durgapur – 713209, West Bengal, India

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Department of Physics

Dated: January 24, 2018

Dear Sir/Madam,

This is our great pleasure to inform you that the Department of Physics of NIT Durgapur is going to organise a *Physics Colloquium* entitled “**Prof. M.S. Sinha Colloquium**”. The said colloquium will be arranged in the honor of **Late Prof. M.S. Sinha** who was the *Founder Head of the Department of Physics (Regional Engineering College, Durgapur)* and he was also an eminent Nuclear Physicist of the country.

This colloquium is aimed to attract the attention of young students towards the research and development in Nuclear Physics, High Energy Physics, Cosmology, Physics of Cosmic ray etc. through the celebration of centenary of Late Prof. M. S. Sinha and also to motivate the young students to welcome the Nuclear Science and Technology as their professional carrier.

It is our great privilege to invite you to attend the aforesaid colloquium. Further, this is to request you to kindly fill up the registration form and send it back to the undersigned at the earliest.

Venue	:	D. M. Sen Hall (Conference Hall), NIT Durgapur
Date	:	February 5, 2018
Speaker	:	Prof. Amitabha Ghosh, Honorary Scientist, Indian National Science Academy, (New Delhi) and Former Director IIT Kharagpur
Programme	:	Annexure I
Registration Form	:	Annexure II (Free Registration, however first cum first serve basis)
Registration Deadline	:	February 1, 2018

Thanking you,

(Dr. Hirok Chaudhuri)

Coordinator

email: chaudhuri_hirok@yahoo.co.in

Origin and Dynamics of the Solar System:

Some Interesting Unsolved Issues

Amitabha Ghosh

Honorary Scientist

Indian National Science Academy, New Delhi

Abstract

Our solar system represents a typical stellar unit in the universe. The evolution of a star along with its planetary system represents a very interesting problem. There are competing theories of the origin of the solar system. The problem has received attention of the scientists. It appears that they have been able to unravel the process through which a sun – planet system emerges and many characteristics have been satisfactorily answered. However, there are a number of major mysteries which remain unresolved and there have been no satisfactory solution to these problems. Issues involving the angular momentum distribution, secular changes in the rotation rates of the planets and satellites, the secular change in the astronomical unit and a few other matters still defy complete understanding. This talk is a very general discussion of the subject and also attempts to present some hints to the possible solutions.

Programme

Annexure I

“Prof. M. S. Sinha Colloquium 2018”

Organized by

Department of Physics, National Institute of Technology Durgapur

Mahatma Gandhi Avenue, Durgapur – 713 209

February 05, 2018 (11:00 AM-12:35 PM)

Venue: D. M. Sen Conference Hall, NIT Durgapur

Time	Event
Registration	
10:30 am -11:00 am	Registration
Inauguration Program	
11:00 am – 11:05 am	Theme of the Event by Dr. Hirok Chaudhuri, Coordinator of “Prof. M. S. Sinha Colloquium” and Assistant Professor, Physics Department, NIT Durgapur
11:05 am – 11:10 am	Welcome with Flower bouquet to the Guest on Dais
11:10 am-11:15 am	<i>Tribute to Late Prof. M. S. Sinha by Garlanding on his Portrait</i>
11:15 am – 11:20 am	Speech by Prof. A. K. Meikap, Head of the Department of Physics , NIT Durgapur
11:20 am – 11:30 am	Speech by Prof. Anupam Basu, Director, NIT Durgapur
Prof. M. S. Sinha Colloquium 2018 Lecture	
11:30 am-12:30 pm	Speech by Chief Guest, Prof. Amitabha Ghosh, Honorary Scientist, Indian National Science Academy, New Delhi Title of the Talk: “Origin and Dynamics of the Solar System”
Felicitation and Vote of Thanks	
12:30-12:35 PM	Felicitation and Vote of Thanks

REGISTRATION FORM

Annexure - II

“Prof. M. S. Sinha Colloquium 2018”

Organized by
Department of Physics, National Institute of Technology Durgapur
Mahatma Gandhi Avenue, Durgapur – 713 209
February 5, 2018

1. Name: (Mr./Miss/Mrs./Dr./Prof) :

2. Affiliation (Department/Institute/Organisation) :

3. Mailing Address :

4. Telephone No./ Mobile No :

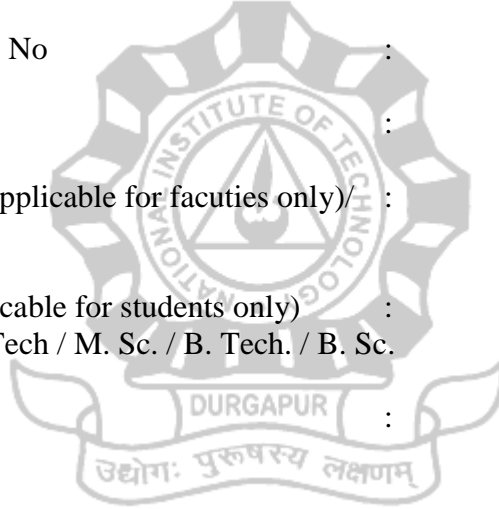
5. e-mail ID :

6. Employment Status (applicable for faculties only) / :

Academic Status (applicable for students only) :

Catagory: Ph. D. / M. Tech / M. Sc. / B. Tech. / B. Sc.

Department :



Place: _____

Date: _____

Signature of the Applicant

Interested candidates are request to make photocopy of the form and send the filled up form completed in all respect and duly signed by Head of the Department/ Institute/ Organisation on or before February 1, 2018 by e-mail (scanned copy) to hirok.chaudhuri@phy.nitdgp.ac.in

CORRESPONDING ADDRESS

Dr. Hirok Chaudhuri
Coordinator
Assistant Professor, Department of Physics
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M. G. Avenue, Durgapur – 713209, West Bengal, India.
chaudhuri_hirok@yahoo.co.in

**Signature of the Head of the Department/
Institute / Organisation with Official seal**

Recommended / Not recommended (Official purpose only for NIT Durgapur)