ONE DAY NATIONAL WEBINAR

On

RECENT TRENDS IN MATHEMATICS AND ITS APPLICATIONS

Organised By :

Department of Mathematics
Kharagpur College

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

■ 29th July, 2020 at 10.30 am onwards ■

Resource Persons

Professor Shyamal Kumar Mondal
Head, Dept. of Applied Mathematics
with Oceanology and Computer Programming,
Vidyasagar University
Midnapore

Dr. Rupanwita Gayen
Associate Professor
Department of Mathematics
Indian Institute of Technology Kharagpur

Dr. Nabakumar Jana
Assistant Professor
Department of Mathematics & Computing
IIT (ISM), Dhanbad

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

Advisory Committee

Shri Pradip Sarkar, Member, GB, Kharagpur College	**Professor Tapan Kumar Pal,** Member, GB, Kharagpur College
Dr. Hari Prasad Sarkar, Member, GB, Kharagpur College	**Dr. Chhanda Ghosal,** Member, GB, Kharagpur College
Prof. Rabindranath Changdar, Member, GB, Kharagpur College	**Dr. Sujit Mondal,** Member, GB, Kharagpur College
Shri Abhijit Pradhan , Member, GB, Kharagpur College	**Dr. Bikash Kumar Ghosh,** Secretary, Teachers' Council

Webniar Organising Committee

Chairman	Dr. Bidyut Samanta, Principal, Kharagpur College
Secretary	Dr. Bimal Krishna Das, Associate Professor, Department of Mathematics, Kharagpur College
Jt. Secretary	Dr. Pradip Kumar Gain, Associate Professor, Department of Mathematics, Kharagpur College
	Dr. Sangita Chakraborty, Associate Professor, Department of Mathematics, Kharagpur College
Jt. Assistant Secretary	Prof. Sankar Das, Assistant Professor, Department of Mathematics, Kharagpur College
	Prof. Anjana Mondal, Assistant Professor, Department of Mathematics, Kharagpur College
Members	Shri Kousik Bhattacharya, State Aided College Teacher (SACT-I), Department of Mathematics, Kharagpur College
	Shri Buddhadeb Mondal, State Aided College Teacher (SACT-I), Department of Mathematics, Kharagpur College

Invitation

Dear Sir / Madam,

    You are cordially invited to attend the One Day National Webinar on **Recent Trends In Mathematics And Its Applications** organised by the Department of Mathematics, Kharagpur College to be held on 29th july, 2020 at 10.30 am. We solicit your gracious presence in the webinar to make it a grand success.

Thanking You.
Yours Sincerely,

Dr. Bimal Krishna Das
Secretary, Organising Committee

Dr. Pradip Kumar Gain
& Dr. Sangita Chakraborty
Jt. Secretary, Organising Committee

Dr. Bidyut Samanta
Principal, Kharagpur College
& Chairman, Organising Committee

Important Information & Links

Participants are requested to join the webinar through the You tube link : https://youtu.be/8f4In0sslnk

Registered participants willing to get E certificates are required to fill up feedback form to be provided at the end of the webinar. E certificates will be provided through registered e-mail within one week from the webinar.

For Registration click the link - https://forms.gle/RHZGCdpWjHrAhF7Z7

For more information contact : webinarmaths2020@gmail.com // Ph. No. - 9593686790 / 9434455417 / 9733030943

For updated information please join the WhatsApp group : https://chat.whatsapp.com/HYBKEwhhzJ5AHK2HsRra2i

Programme Schedule

29th July, 2020

Time	Inaugural Session
10:30 am - 10.40 am	Welcome Address by Dr. Sangita Chakraborty, Associate Professor, Department of Mathematics, Kharagpur College
10.40 am - 10.50 am	Inaugural Speech by Dr. Bidyut Samanta, Principal, Kharagpur College
10.50 am - 11.00 am	Speech by Prof. (Retd.) Anjan Chaki, President, Governing Body, Kharagpur College
11.00 am - 12.00 noon	Keynote Speech by Professor Shyamal Kumar Mondal, Head, Dept. of Applied Mathematics, with Oceanology and Computer Programming, Vidyasagar University Midnapore

Technical Session		
Chairperson	Dr. Tapan Kumar Pal, Former Professor, Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore & Member, GB, Kharagpur College	
Time	Topic of Lecture	Speaker
12.00 noon - 12.45 pm	Lecture - I **Integral Equation Techniques In Wave Structure Interaction Problems**	**Dr. Rupanwita Gayen** Associate Professor, Department of Mathematics, Indian Institute of Technology Kharagpur
12.45 pm - 01.30 pm	Lecture - II **Model Based Classification Under Additional Information**	**Dr. Nabakumar Jana** Assistant Professor, Department of Mathematics & Computing, IIT (ISM), Dhanbad

Valedictory Session	
Chairperson	Dr. Hari Prasad Sarkar, Principal, Garhbeta College & Member, GB, Kharagpur College
01.30 pm - 01.40 pm	Address of Dr. Bikash Kumar Ghosh, Secretary, Teachers' Council, Kharagpur College
01.40 pm - 01.50 pm	Vote of Thanks by Dr. Pradip Kumar Gain, Associate Professor, Department of Mathematics, Kharagpur College

Webinar/Workshop Report
(Session: 2020-2021)

Topic	RECENT TRENDS IN MATHEMATICS AND ITS APPLICATIONS
Organized By	**Department of Mathematics, Kharagpur College**
Mode (Online/ Offline)	**Online**
Google meet /You tube Link (If applicable)	**Google meet** for Host and Speakers/Resource Persons. **You tube Link** for Participants and Audience
(College/State/National/International)	**National**
Date	**29th July, 2020**
Number of Participants	**1236 (Registered)** **728 (Joined through You tube Link)**
Speakers/Resource Persons	**(1) Professor Shyamal Kumar Mondal, H. O. D, Department of Applied Mathematics, Vidyasagar University** **(2) Dr. Rupanwita Gayen, Associate Professor, Department of Mathematics, IIT, Kharagpur.** **(3) Dr. Nabakumar Jana, Assistant Professor, Department of Mathematics & Computing, IIT(ISM), Dhanbad**
Remarks	Professor Shyamal Kumar Mondal delivered Keynote speech. Prof. Mondal described the effectiveness of Complex Fuzzy Soft Set Theory in Disease Diagnosis System. Dr. Rupanwita Gayen described the uses of Integral Equation Techniques in Solving the problems of Wave-Structure Interaction Problem. Dr. Nabakumar Jana discussed the Model-Based Classification when additional informations are given.