



# ONE DAY NATIONAL LEVEL WEBINAR

ON

## “Recent Trends in Applied Mathematics”



Date: 16<sup>th</sup> September, 2020 : Time: 11.00 am-3.30pm (IST)

**Organised By:** Department of Mathematics(UG & PG) in Collaboration with IQAC  
Ramananda College, Bishnupur, Bankura, Pin-722122, West Bengal

**Chief Patron**



**Prof. Shyamal Santra**  
Minister of State, Govt. of  
West Bengal and President  
Ramananda College  
Bishnupur, Bankura

**Chairperson**



**Dr. Swapna Ghorai**  
Principal  
Ramananda College  
Bishnupur, Bankura  
Pin-722122

**Inaugurator**



**Prof. Deb Narayan  
Bandyopadhyay**  
Hon'ble Vice-Chancellor  
Bankura University  
Bankura, Pin-722155

*Respected Madam/Sir, beloved students, scholars and others intellectual field of all corner, it is a great privilege for us that the Dept. of Mathematics in collaboration with IQAC, Ramananda College is going to organize a National level Webinar on the topic “Recent Trends in Applied Mathematics” on 16<sup>th</sup> September, 2020.*

*It would be a great honor and privilege if you would graciously participate in our webinar through online mode on the above schedule.*

**Dr. Bhaskar Chandra Sarkar**  
HOD & Convenor  
Dept. of Mathematics  
Ramananda College

## Eminent Speakers



**Dr. Somenath Dutta**  
Scientist-F & Head  
Meteorological Training Institute  
(IMD Pune Component of WMO RTC, India)  
Office of Climate Research & Services  
India Meteorological Department  
Ministry of Earth Sciences, Pune-411008



**Prof. Pankaj Dutta**  
Associate Professor  
Decision Sciences and Quantitative Methods,  
Shailes J. Mehta School of Management  
I.I.T, Bombay



**Prof. Suchandan Kayal**  
Assistant Professor Grade-I  
Department of Mathematics  
National Institute of Technology  
Rourkela, Sundargarh, Odisha-769008



**Dr. Syeda Darakhshan Jabeen**  
Assistant Professor  
Department of Mathematics  
Birla Institute of Technology  
Mesra, Ranchi



**Dr. Sudip Samanta**  
Assistant Professor  
Department of Mathematics  
Bankura University, Bankura, 722155

## ORGANISING COMMITTEE

### Convenor :

Dr. Bhaskar Chandra Sarkar, Asst. Prof.

### Joint Convenor:

Dr. Mohammad Ali Khan, Asst. Prof.

Dr. Prasanta Das, Asst. Prof.

### Technical Assistant:

Prof. Sanjay Sarkar, Asst. Prof.

### Members:

Mr. Shovan Mandal, SACT

Mr. Budhadeb Ghosh, SACT

Mr. Rajkumar Ghosh, SACT

### Special Assistance:

Dr. Narendra Ranjan Malas, Co-ordinator, IQAC,  
Ramananda College.

Mr. Parnab Chatterjee, Librarian

Mr. Sougata Biswas, IQAC Staff

## INFORMATION REGARDING THE WEBINAR

1. **Web Platform:** Google Meet/Youtube Live  
(Link will be provided to registered Mail)
2. **Registration Link:**  
<https://forms.gle/Vk2L3uEsFJTG8is96>  
Registration is free and last date of registration is 14.09.2020.
3. e-Certificate of participation will be provided to the registered candidates who will successfully submit the feedback form in time .
4. Participation Certificate will be communicated through the registered e-mail.
5. Contact Email: [math.rnc46486217@gmail.com](mailto:math.rnc46486217@gmail.com)
6. Contact Numbers: 7908342775/7001584823/  
7908976787

## PROGRAMME SCHEDULE

### Inaugural Session: 11.00 am – 11.15am

- Inaugural speech by Hon'ble Vice-Chancellor Prof. Deb Narayan Bandyopadhyay.
- Welcome speech by Hon'ble Principal Dr. Swapna Ghorai

### First Session: 11.15 am – 1.30 pm

- Lecture of Dr.Somenath Dutta : 11.15am - 12.00 noon  
**Topic:** *Application of Mathematics in Meteorology.*
- Lecture of Prof. Pankaj Dutta : 12.00noon – 12.45pm  
**Topic:** yet to be decided
- Lecture of Prof.Suchandan Kayal : 12.45pm – 1.30pm  
**Topic:** *Measure theoretic definition of probability and its Motivation.*

### Session Break : 1.30 pm – 2.00 pm

### Second Session: 2.00 pm – 3.30 pm

- Lecture of Dr.Syeda DarakhshanJabeen : 2.00pm – 2.45 pm  
**Topic:** *Algorithm for robust global optimization.*
- Lecture of Dr.SudipSamanta : 2.45 pm – 3.30 pm  
**Topic:** *Complex dynamics in an eco-epidemiological system with strong Allee effect in the prey population.*

### Final Session: 3.30 pm -3.35 pm

Vote of Thanks by Dr.Mohammad Ali Khan.