

## ORGANISING COMMITTEE

### PATRONS

Swami Kamalasthananda  
*Principal, Ramakrishna Mission V. C. College, Rahara*

Prof. Raj Kumar Ray Chowdhury, ISI, Kolkata;  
President of Calcutta Mathematical Society, Kolkata700064

### ADVISORS

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Ramakrishna Mission V. C. College, Rahara,

Prof. Sanjoy Sen  
Department of Applied Mathematics, University of Calcutta;  
Secretary, Calcutta Mathematical Society, Kolkata700064

Dr. Pravanjan Kumar Rana  
Department of Mathematics, Ramakrishna Mission V. C. College, Rahara

### CONVENER

Dr. Pravanjan Kumar Rana  
Department of Mathematics, Ramakrishna Mission V. C. College, Rahara

### MEMBERS

Dr. Pravanjan Kumar Rana	: Ramakrishna Mission V. C. College, Rahara
Mr. Partha Ray	: Ramakrishna Mission V. C. College, Rahara
Mr. Sujay Kr. Biswas	: Ramakrishna Mission V. C. College, Rahara
Mr. Abhiskek Kanti Biswas	: Ramakrishna Mission V. C. College, Rahara
Dr. Amit Biswas	: Ramakrishna Mission V. C. College, Rahara
Dr. Prasanta Seth	: Ramakrishna Mission V. C. College, Rahara
Dr. Aurabinda Hore	: Ramakrishna Mission V. C. College, Rahara
Mr. Sayan Saha	: Ramakrishna Mission V. C. College, Rahara
Prof. P. C. Pal	: Ramakrishna Mission V. C. College, Rahara
Prof. Raj Kumar Ray Chowdhury	: President of Calcutta Mathematical Society, Kolkata700064
Prof. Sanjoy Sen	: Secretary, Calcutta Mathematical Society, Kolkata700064
Prof. Dilip Kumar Ganguly	: Vice President, Calcutta Mathematical Society, Kolkata 700064

### REGISTRATION CHARGES

Teachers: ₹ 300/-  
(Rupees three hundred only)  
Students and Research scholars: ₹ 100/-  
(Rupees one hundred only)

FOR REGISTRATION AND ANY OTHER  
QUERIES PLEASE CONTACT

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**UGC Sponsored  
National Level Seminar  
on**

# **BASIC MATHEMATICS AND ITS APPLICATIONS**

*Organized by*

**Department of Mathematics  
Ramakrishna Mission  
Vivekananda Centenary College,  
Rahara, Kolkata-700118**

*In Collaboration with*

**Calcutta Mathematical Society  
AE-374, Sector-I, Salt Lake City,  
Kolkata-700064, West Bengal, India.**

### **Venue**

**Swami Vivekananda Hall  
Ramakrishna Mission  
Vivekananda Centenary College  
Rahara, Kolkata – 700 118**

**Wednesday  
September 21, 2016**

**PROGRAMME SCHEDULE**  
Venue: Swami Vivekananda Hall  
September 21, 2016

Mathematics is one of the most important subjects and plays a vital role in all branches of science, the Dept. of Mathematics of the college, in association with University Grants Commission and in collaboration with Calcutta Mathematical Society, is organizing a National Seminar on Basic Mathematics and its Applications on the September 21, 2016 so as to highlight its significance in relation to its need for every branch of science in the present scenario. Mathematics plays a key role in the development of various branches of science as well as in the understanding of physical world problems.

We would like to hold a one day National seminar on "Basic Mathematics and its Applications" with a view to giving researchers an opportunity to have interactions among themselves. There will be invited lectures, paper reading and interactive sessions. Young researchers, participants other than the invited speakers and contributors of research papers, any student/teacher of mathematics will be given opportunity to demonstrate their own works and have suggestions from experts.

The objective of the seminar is to bring the leading mathematicians and young researchers across the country in a common platform and to stimulate and equip with the recent advances in mathematics and its applications.

- 9:30-10:00 Hrs : Registration  
Inaugural session  
10:00 -10:15 Hrs : Inauguration  
Key Note Address  
10.15 -11:00 Hrs : Prof Raj Kumar Roychowdhury  
ISI, Kolkata; President of Calcutta  
Mathematical Society, Kolkata-700064  
11:00 -11:15 Hrs : Tea Break  
Technical Session – I  
Chairperson: Prof. Raj Kumar Roychowdhury, ISI, Kolkata  
11:15-12:00 Hrs : Prof. Malay Banerjee  
IIT, Kanpur  
12.00 -12:45 Hrs : Prof. Anirban Mukhopadhyay  
IMSc, Chennai  
12:45 - 1:30 Hrs : Prof. Dilip Kumar Ganguly  
Department of Pure Mathematics  
Calcutta University  
1:30 -2:00 Hrs : Lunch Break  
Technical Session – II  
Chairperson: Prof. Dilip Kumar Ganguly  
Department of Pure Mathematics, Calcutta University  
2:00 - 2:45 Hrs : Prof. Santimoy Kundu  
Department of Applied Mathematics,  
ISM, Dhanbad  
2:45 - 3:30 Hrs : Prof. Sanjoy Sen  
Department of Applied Mathematics,  
Calcutta University  
3:30 - 4:15 Hrs : Prof Avishek Adhikari  
Department of Pure Mathematics,  
Calcutta University  
4:15 - 4:30 Hrs : Tea Break.  
Technical Session – IIA  
Chairperson: Prof. Sanjoy Sen  
Department of Applied Mathematics, Calcutta University  
4:30 - 5:30 Hrs : Oral presentation of papers for  
participants  
5:30 - 5:45 Hrs : Valedictory Session

**CALL FOR ABSTRACTS  
AND PAPERS**

Abstracts are invited for oral presentation only, which should reach us by September 10, 2016 for inclusion in the proceedings. The abstract must be e-mailed as "MS Word" file.

The abstract should be provided with a title, name of the author(s) with affiliation (s). The corresponding author and the presenting author must be indicated in the abstract along with their email address and contact number.

The author(s) of the the selected abstracts will be intimated in advance, they are to present their work on the day of the seminar.

Guidelines for  
submitting the abstract:

Font style :

Times New Roman

Font size :

12 with double spacings

Word limit :

Abstract (300 words) Only  
electronic version will be  
accepted.

Abstracts/Papers will have to be sent only as "doc" file. All drawings will have to be incorporated within the "doc" file itself. No separate file is needed.

Electronic version of the  
abstract/ paper will have to be  
sent to:

Dr. Pravanjan Kumar Rana  
Convener

Email:

ugcseminar2016@gmail.com

Email: pkranabgc@gmail.com