



**REGENT EDUCATION AND RESEARCH FOUNDATION**  
**Barrackpore**  
**Budget Proposal for organizing any Event at RERF**

1. NAME OF THE EVENT: "One day International Seminar on Recent Advances in Applied Mathematics and Computing (RAAMCO -2019)"

2. PURPOSE AND JUSTIFICATION: International Seminar

3. DATE: 12.03.2019.

4. VENUE: RERF Seminar Hall

5. DETAILS OF PARTICIPANTS IN THE EVENT:

- a) No. of Invited Experts: 5
- b) No. of in-house faculty / staff members: 85
- c) No. of in-house staff members: 0
- d) No. of students: 110 (approx)
- e) No. of external participants 0

Total No. of participants: (a+b+c+d+e): 200 (approx)

6. BUDGET:

| Head  | Expected Expenditure |
|---|----------------------|
| Cost of Memento/medal for the participants  | 0                    |
| Cost of Memento for the Invited Experts /Guests   | 10,000/-             |
| Honorarium for the Invited Experts/ Guests  | 25,000/-             |
| Honorarium for the Reviewers  | 0                    |
| TA for the Invited Experts/Guests   | 3,000/-              |
| Boarding & Lodging for Invited Experts  | 10,000/-             |
| Preparation of venue  | 2,000/-              |
| Logistic arrangement  | 0                    |
| Hospitality to participants   | 0                    |
| Charges for preparing online infrastructure   | 0                    |
| Publication Charge: Please specify the cost of Flex, Banner, Certificates, Proceedings etc. | 0                    |
| <b>Grand Total Rs.</b>  | <b>Rs. 50,000/-</b>  |

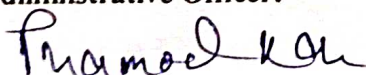
Place: Barrackpore

Date: 01.03.2019

  
Signature of Applicant/ Convener

Approval for the event by the Head of Institution

Approval of the budget by Chief Administrative Officer:



Passed for payment.....  
(In Words).....  
  
Principal  
RERFGI, Barrackpore



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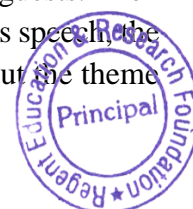
### Report of the “One day International Seminar on Recent Advances in Applied Mathematics and Computing (RAAMCO -2019)”

It was scheduled for the “One day International Seminar on Recent Advances in Applied Mathematics and computing (RAAMCO -2019), held in Regent Education and Research Foundation Group of Institutions, Barrackpore on 12<sup>th</sup> March, 2019.

#### Programme Schedule

| SL. NO | PROGRAMME  | TIME                    | VENUE        |
|--------|--|-------------------------|--------------|
| 1.     | <b>Inaugural Session</b><br>i) Lighting of the lamp<br>ii) Welcome Address by Principal, RERF<br>iii) Felicitation of the Guests<br>iv) Address by Chief Guest Prof. Baoding Liu, Tsinghua University<br>v) Address by Guest of Honor Prof. Oscar Castillo, Tijuana Institute of Technology<br>vi) Prof. Arijit Ghosh, St. Xavier’s College, Kolkata.<br>vii) Address by Prof. Samarjit Kar, NIT, Durgapur.<br>viii) Address by Prof. Sankar Mondal, MAKAUT, West Bengal | 11:00 a.m. – 12:00 noon | Seminar Hall |
| 2.     | <b>Tea Break</b>   | 12:00 noon – 12.15 pm   | Seminar Hall |
| 3.     | <b>Session –I – Plenary Session</b><br>1. Prof. Baoding Liu, Professor, Tsinghua University.   | 12:15 p.m. - 1:15 p.m.  | Seminar Hall |
| 4.     | <b>Lunch Break</b>   | 1:15 p.m. – 2:00 p.m.   |              |
| 5.     | <b>Session –II – Plenary Session</b><br>1. Prof. Oscar Castillo, Professor, Tijuana Institute of Technology.<br>2. Prof. Dipak Jana, Professor, Haldia Institute of Technology   | 2:00 p.m. – 4:00 p.m.   | Seminar Hall |
| 6.     | <b>Session – III - Valedictory Session by Prof. Ashok Kr. Shaw, Dean (Academics), RERF</b>   | 4:00 p.m. – 4:30 p.m.   | Seminar Hall |

Almost 90 faculties of this institute participated in this workshop. This program was inaugurated with the lighting of a lamp and a welcome address by The Principal, RERF, followed by a felicitation of guests. Then the Chief Guest, Professor Baoding Liu of Tsinghua University addressed the audience. After his speech, the Guest of Honor, Professor Oscar Castillo, Tijuana Institute of Technology shared his ideas about the theme





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of the seminar. Professor Arijit Ghosh, St. Xavier's College, Kolkata, Professor Sankar Mondal, MAKAUT, West Bengal. Prof. Dipak Kumar Jana, Haldia Institute of Technology, were the distinguished persons invited to the seminar. The program was ended with vote of thanks by Prof. Ashok Kumar Shaw, Dean (Academics), RERF.

### Details of the Guests

The chief guest of the International Seminar was Professor Baoding Liu, often recognized as the father of the uncertainty theory, is a Professor of the Department of Mathematical Sciences, [Tsinghua University](http://www.tsinghua.edu.cn), Beijing, China. After receiving the Ph.D. degree in 1993 from Chinese Academy of Sciences Prof. Liu has joined as Postdoctoral Fellow in Ashikaga Institute of Technology, Japan. In 1996 he joined Tsinghua University as Associate Professor and was appointed as Professor of Mathematics in 1998. Dr. Liu's research led to the development of *uncertainty theory* that is a branch of mathematics for modeling belief degrees. He has published more than 88 research articles and 4 books. Prof. Liu has supervised 9 research projects and associated as editorial board member/ editor with 21 international journals of repute. He was the vice president of International Association for Information and Management Science in 2005 and in 2012 was the vice president of Asia Pacific Industrial Engineering and Management Society.

Professor Oscar Castillo, the guest of honor for the international seminar, holds the degree of Doctor in Science in Computer Science from the Polish Academy of Sciences for the Dissertation "Soft Computing and Fractal Theory for Intelligent Manufacturing". He is a Professor of Computer Science in the Graduate Division, Tijuana Institute of Technology, Tijuana, Mexico. In addition, he is serving as the Research Director of Computer Science and head of the research group on Hybrid Fuzzy Intelligent Systems. Currently, he is the Vice-President of HAFSA (Hispanic American Fuzzy Systems Association) and President of IFSA (International Fuzzy Systems Association). Prof. Castillo belongs to the Technical Committee on Fuzzy Systems of IEEE. He is also a member of NAFIPS, IFSA and IEEE and "Task Force on Extensions to Type-1 Fuzzy Systems". He has published over 100 journal papers, 7 authored books, 16 edited books, and 200 papers in conference proceedings. He has been Guest Editor of several journals like Applied Soft Computing, Intelligent Systems, Information Sciences, Non-Linear Studies, Fuzzy Sets and Systems, JAMRIS and Engineering Letters. He is currently the Associate Editor of the Information Sciences Journal and the IEEE Transactions on Fuzzy Systems. He has been recognized with the Title of "National Researcher with Level II" from 2004 to 2012 for his achievements in performing original research work with high degree of quality. He was awarded the Lázaro Cárdenas Medal to the Best Student at the Graduate Level in National Polytechnic Institute in 1984.





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Professor Dipak Kumar Jana, who was an eminent person in his field of education, was invited to chair a session of the seminar. Prof. Jana did his Ph.D. from Indian Institute of Engineering Science and Technology, Shibpur. At present he is working as Associate Professor in School of Applied Science, Haldia Institute of Technology, Haldia, West Bengal. Dr. Jana is a member of Operational Research Society of India, Indian Science Congress Association and Calcutta Mathematical Society. He has published more than 50 papers in esteemed International Journals like Information Science, Applied Soft Computing, Computers & Industrial Engineering, IJUFKS, IJCSM, JOS, IJOR, IJAOM, ICJA, OPESARCH, JTRS, etc. To his credit, Dr. Jana has written 6 Books like: A Text Book of Engineering Operations Research, GATE Mathematics, Advanced Engineering Mathematics, Advanced Numerical Methods, Basic Engineering Mathematics. He has also reviewed several Text and Reference books of Mathematics and an Editorial Member of 6 International journals.

### Structure of Organizing Committee

| Sl. No. | Name                     | Designation                      |
|---------|--------------------------|----------------------------------|
| 1.      | Dr. Mahuya Das           | Chairperson                      |
| 2.      | Dr. Ashok Kumar Shaw     | Member, Advisory Committee       |
| 3.      | Dr. Rajdeep Chakravarty  | Convener                         |
| 4.      | Dr. Chandan Das          | Jt. Convener                     |
| 5.      | Dr. Nibedita Mukherjea   | Secretary, Program Committee     |
| 6.      | Dr. Sudip Chatterjee     | Jt. Secretary, Program Committee |
| 7.      | Mr. Avik Ghosh Dastidar  | Member, Program Committee        |
| 8.      | Ms. Anindita Das         | Member, Program Committee        |
| 9.      | Ms. Debarati Ghosh       | Member, Program Committee        |
| 10.     | Ms. Ankita Bhattacharjee | Member, Program Committee        |
| 11.     | Ms. Amrita Chakraborty   | Member, Program Committee        |
| 12.     | Mr. Biswaranjan Das      | Hospitality Management           |
| 13.     | Mr. Santanu Roy          | Hospitality Management           |
| 14.     | Ms. Raka Som             | Faculty Representative           |

*(Signature)*







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**Guests with Organizing Committee Members**

## Summary of Participants

| Department            | Percentage of participants |
|-----------------------|----------------------------|
| BSH                   | 87%                        |
| CSE                   | 80%                        |
| CE                    | 55%                        |
| ME                    | 60%                        |
| EE                    | 79%                        |
| EEE                   | 50%                        |
| ECE                   | 80%                        |
| External Participants | 10%                        |

*Das*





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**Feedback:** The participants were encouraged by the speech of the guests. We were delighted to form a relationship with eminent professors of international repute. We were also assured to organize such type of seminar in future.

*Das*





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**RAAMCO - 2019**

**ONE DAY INTERNATIONAL SEMINAR ON RECENT ADVANCES IN  
APPLIED MATHEMATICS & COMPUTING**

*Organised by*

**BASIC SCIENCE & HUMANITIES DEPARTMENT  
REGENT EDUCATION & RESEARCH FOUNDATION  
GROUP OF INSTITUTIONS**

DATE : 12TH MARCH, 2019

VENUE : RERF SEMINAR HALL, BARRACKPORE, KOLKATA-121

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