

National Workshop and Conference on Discrete Mathematics and its Applications

(NWCDMA 2014)
March 10-14, 2014



Jadavpur University, Kolkata, West Bengal-700 032

The Department of Mathematics, Jadavpur University is organizing the National Workshop and Conference on Discrete Mathematics and its Applications (NWCDMA 2014) at Jadavpur University, Kolkata. The main objective of the workshop is to explore the major techniques and challenges of Graph Algorithms which are essential in the study of Graph Theory. The conference will unfold various applications of Discrete Mathematics in Cryptology, Computer Science, Biological Science and Social Science which will motivate the researchers to contribute the society with real applications.

Academic Programmes :

- (1) A workshop on Graph Theory and Graph Algorithms: The workshop will be beneficial to students, research scholars, especially to the young teachers of universities and undergraduate colleges.
- (2) Conference on Discrete Mathematics and its Applications: In the conference, leading personalities of our country and researchers will give talks / read papers so that participants will be exposed to major works in the following topics: Discrete Mathematics, Cryptography and Cryptanalysis, Rigidity Theory, Graph Theory, Network Theory with applications to Social and Biological Sciences, Sensor Networks, Computer and Communication Networks.

Call for Papers for presentation:

Participants who wish to present their papers / posters may send a soft copy of their papers in pdf format to **Prof. Shamik Ghosh (nwcma2014@math.jdvu.ac.in)**. In case of multiple authors, the name of the corresponding author / paper presenter (only one) should be specified.

Registration:

Registration fee: Rs. 2000 (without stay) and Rs. 4500 (with stay) , JU Students/Research Scholars: Rs. 1000. (Please see the details in our website)

Conference Proceedings:

The proceedings will consist of selected invited and contributed articles presented at the conference after peer review and is to be published as a special issue of Indian Journal of Pure and Applied Mathematics (IJPAM, Springer).

Advisory Committee:

A. Chakraborty, VC, JU, Kolkata (Chairperson)
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S. B. Rao, CRRAO AIMSCS, Hyderabad
Bimal. K. Roy, ISI, Kolkata
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Program Committee:

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Shamik Ghosh (Convener), JU, Kolkata
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G. Sethuraman, Anna U, Chennai
Pratima Panigrahi, IIT, Kharagpur
Ashok Das, CU, Kolkata
Sourav Chakrabarty, CMI, Chennai
Saket Saurabh, IMSC, Chennai
Sasanka Roy, CMI, Chennai

Keynote Speakers:

S. B. Rao, CRRAO AIMSCS, Hyderabad
Bimal. K. Roy, ISI, Kolkata
H. B. Walikar, Karnatak U, Dharwad
R. L. Karandikar, CMI, Chennai
B. Basavanagoud, PIMSci, Karnatak U, Dharwad

Invited Speakers:

M. K. Sen, CU, Kolkata; Rana Barua, ISI, Kolkata
P. Paulraja, Annamalai U; Sandip Das, ISI, Kolkata
Krishnendu Mukhopadhyaya, ISI, Kolkata
B. S. Panda, IIT, Delhi; S. Pati, IIT, Guwahati
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For all the information and queries, contact the following persons:

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For more information please visit:

<http://teqip.jdvu.ac.in/math/NWCDMA>