

**National Level Workshop
on
Graph Theory: Algebraic and Algorithmic
Aspects (GTA³- 2016)
19 - 24 December, 2016**

Registration Form

1. Name:
2. Sex:
2. Age:
3. Designation:
4. Affiliation:
5. Mailing Address:

6. E-mail:
7. Phone Number:
8. Academic Qualification:
9. Research Experience:

(Attach extra sheet, if necessary)

10. Food habit: Veg. / Non-Veg.
11. Accommodation required? Yes/ No.
12. Travel grant required? Yes/ No.

Signature: _____

Countersigned by the Head of the Department/
Institute with Seal

Date:

Place:

**DST Sponsored
National Level Workshop**

on

**Graph Theory: Algebraic and
Algorithmic Aspects
(GTA³ - 2016)**

19 – 24 December, 2016



Organized by

**Department of Mathematics
Aliah University**

**IIA/27, New Town
Kolkata – 700 156**

Aliah University

Aliah University is a state university established by the act XXVII of 2007 passed in West Bengal Legislative Assembly. Presently it has three different campuses at three different locations in Kolkata. The New Town campus comprises of 12 departments running the Science, Technology and Management programmes. The Department of Mathematics of Aliah University presently offers 5-year integrated M.Sc. in Mathematics & Computing, 2-year M.Sc. and Ph. D. programme in Mathematics.

Venue

The workshop will be held at the Department of Mathematics of Aliah University at **IIA/ 27, New Town, Kolkata – 700 156**

Objective of the Workshop

Graph Theory is a branch of Mathematics where discrete structures are modeled elegantly and which provides frameworks to model a large set of problems often encountered in Computer Science. The main objective of the workshop is to promote research and to focus on the recent developments in the field of Graph Theory – from both the algebraic and algorithmic point of view. Leading graph theorists of the country – both mathematicians and computer scientists will deliver lectures and conduct open problem sessions to motivate young researchers to do research in graph theory for its mathematical beauty, and for its elegant applications in diverse real life problems, as well.

Registration

Research scholars and young faculty members pursuing research in Graph Theory will be allowed to participate in the workshop. Final year students of M.Sc./ M. Tech. in Mathematics/ Computer Science may also apply. However, total number of participants is limited to 50 only.

Scanned copy of completed Registration Form is to be sent to graph145@gmail.com latest by **29 November, 2016 10 December, 2016**.

Selected candidates will be intimated by **30 November, 2016 12 December, 2016**. They will have to remit a Registration Fee of **Rs. 1,000/-**. Mode of payment for registration fee will be intimated in due course. Registration Fee may be waived for a few selected candidates.

Accommodation is available for out station participants. Travel grants may be offered to limited number of participants subject to the availability of funds.

List of Speakers

Following is the confirmed list of speakers.

1. Prof. M.K. Sen, Formerly with The University of Calcutta, Kolkata
2. Prof. R.B. Bapat, ISI Delhi
3. Prof. B.S. Panda, IIT Delhi
4. Prof. Subir K. Ghosh, (Formerly with TIFR) – Ramkrishna Mission Vivekananda University, Belur
5. Prof. S.C. Nandy, ISI Kolkata
6. Prof. Sandip Das, ISI Kolkata
7. Prof. M.M. Shikare, Pune University
8. Prof. T. Tamizh Chelvam, Manonmaniam Sundarnar University, Tamil Nadu
9. Prof. Shariefuddin Pirzada, University of Kashmir
10. Prof. Madhumangal Pal, Vidyasagar University
11. Prof. Shamik Ghosh, Jadavpur University
12. Prof. S. Pati, IIT Guwahati
13. Prof. Saket Saurabh, IMSc, Chennai
14. Dr. Pratima Panigrahi, IIT Kharagpur
15. Dr. Anjan Kumar Bhuyan, Visva Bharati, WB
16. Dr. Sukumar Mandal, Raja N.L. Khan Womens' College, Midnapore, WB
17. Dr. Anita Pal, NIT Durgapur
18. Dr. Angshuman Das, St. Xavier's College, Kolkata

Topics to be covered

◆ Graphs and Matrices ◆ Spectral Graph Theory ◆ Eigenvalues and Energy of Graphs ◆ Graphs and Algebraic Structures ◆ Zero Divisor Graphs ◆ Topological Indices ◆ Graph Coloring ◆ Graph Labeling ◆ Domination in Graphs ◆ Intersection Graphs ◆ Graph Algorithms ◆ Approximation Algorithms ◆ Combinatorial Optimization

Organizing Committee

Prof. A.T. Khan - Vice Chancellor, Aliah University – Patron
Dr. Sk. Monowar Hossein – Head, Dept. of Mathematics, Aliah University – Chairman
Dr. Sk. Md. Abu Nayeem – Organizing Secretary
Dr. Nurul Huda Gazi – Member
Dr. Jaydip Sengupta – Member
Dr. Sadek Hossain Mallik – Member
Dr. Sahabuddin Sarwardi – Member
Dr. Imrul Kaish – Member
Sajjad Hossain – Member
Sumana Pal – Member

Contact Information

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