



DEPARTMENT OF MATHEMATICS  
*in Collaboration with*  
LOYOLA-RACINE RESEARCH INSTITUTE  
OF MATHEMATICS AND COMPUTING SCIENCES  
(LIMCOS)  
LOYOLA COLLEGE, CHENNAI, INDIA



A One-Day workshop on

## Applications of Graph Theory

Loyola College, Chennai

Date: 19<sup>th</sup> August 2017

Time: 8.30 am to 5.30 pm

### About LIMCOS

LIMCOS is a Research Centre for Excellence in Mathematics and Computing Sciences (Mathematics, Statistics and Computer Science). It is a Centre where the research scholars meet periodically to foster sharing of knowledge. It is a forum for young researchers to discuss modern research areas leading to collaborative funded research.

### About Workshop

The objective of the workshop is to motivate upcoming researchers in discrete Mathematics and Graph theory. The workshop focuses on problems and solutions of Graph Labeling, Cryptography and cheminformatics using computational aspects of graph theory. It thrusts the importance of interdisciplinary research.

### Course Contents of Applications of Graph Theory

- Graph Labeling
- Chemical Graphs
- Graph Labeling application to Cryptography

### Faculty



**Dr. K. THIRUSANGU M.Sc., M.Phil., Ph.D.**

Associate Professor

S.I.V.E.T College, Gowrivakkam, Chennai-600 073

Phone No: 9444963348

E-mail: ktsangu@yahoo.com

### Positions Held:

- Senate & Academic Council Member in University of Madras
- Editorial Board Member in 4 International Journals
- A Reviewer for Mathematical Reviews ( American Mathematical Society)

### Research collaboration:

- Liverpool Hope University, Liverpool, UK
- Universiti Sains Malaysia, Malaysia
- Fu Jen Catholic University, Taiwan
- Tata Institute of Fundamental Research, Mumbai
- Indian Institute of Science, Bangalore

## Faculty



### Dr. J. BASKAR BABUJEE M.Sc., M.Phil., Ph.D., PGDHE

Associate Professor of Mathematics  
Division of Applied Science and Humanities MIT Campus  
Anna University, Chennai-600 044  
Mobile: 9841305710 Res: 044-22492080  
E-mail: [baskarjee@annauniv.edu](mailto:baskarjee@annauniv.edu)

### Positions Held:

- Associate Professor, Department of Mathematics, Anna University, Chennai from December 2010-Present.
- Assistant Professor, Department of Mathematics, College of Engineering Guindy, Anna University, Chennai during December-2007 and December-2010.
- Assistant Professor, Easwari Engineering College, Chennai-600 089 for 2 years.
- Assistant Professor & HOD, Rajiv Gandhi College of Engineering and Technology, Pondicherry-607 402 for 5 years.

### Call for Papers

Authors are invited to submit extended abstracts of original and unpublished research in the following areas:

- Graph Labeling, Cryptography.
- Algorithms and Data Structures.
- Automata.
- Complexity Theory.
- Graph Theory and Combinatorics.
- Graph Algorithms.

Accepted Papers will appear in the e-proceedings. Awards will be give to the best 3 papers.

### Important Dates

Submission of Abstract for Presentation	<b>16.08.2017</b>
Acceptance for Presentation	<b>17.08.2017</b>
Deadline for Registration	<b>17.08.2017</b>

### Registration Details

- Batch size – 50 participants only
- Outstation participants need to confirm at least 3 days prior to the commencement of the Programme
- Rs. 300/- per participant (Inclusive of GST)
- Registration fee covers Courseware, Lunch, Tea/Coffee, Snacks and Certificate

### Venue & Contact

Venue	Smart Room, Department of MCA, Loyola College, Chennai
Contact Person	Dr. D. Antony Xavier (Co-ordinator)
Mobile No	9566070475
Email	<a href="mailto:xavierlimcos17@gmail.com">xavierlimcos17@gmail.com</a>

### Payments

Payments	Only Demand Draft in favour of <b>The Principal, Loyola College, Chennai</b> or CMS Counter, Loyola College, Chennai (LIMCOS Seminar A/C)
DD to be sent to	Dr. D. Antony Xavier Dept. of Mathematics, Loyola College, Chennai-600 034

### Rev. Dr. M. Albert William, S.J.

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