INTERNATIONAL CONFERENCE ON DISCRETE MATHEMATICS (ICDM–2019)
(07-09th January 2019)

Technical Sessions Details

Day 1 (07th Jan 2019)

08.00 am - 09.00 am   Registration

09.00 am - 10.00 am   Inauguration

<u>Chair Person: Prof. Balázs Patkós</u>

10.00 am - 11.00 am   Invited Talk: **Prof. Paul Dorbec**
University of Bordeaux, France.
Topic: *" The domination game in graphs"*

11.00 am - 11.30 am   Tea Break
<u>Chair Person: Prof. N. Sridharan</u>

11.30 am - 12.15 pm   Invited Talk: **Prof. S. Arumugam**
Amrita Vishwa Vidyapeetham, Coimbatore.
Topic: *"Network Science – Structure, Dynamism, Stability, Emergence and Applications"*
<u>Chair Person: Prof. Deepa Sinha</u>

12.15 pm - 01.00 pm   Invited Talk: **Prof. T. Tamizh Chelvam**
Manonmaniam Sundaranar University, Tirunelveli.
Topic: *"Generalized total graph of commutative rings"*

01.00 pm - 02.00 pm   Lunch
<u>Chair Person: Prof. N. Chandrasekaran</u>

02.00 pm - 02.45 pm   Invited Talk: **Prof. S. Francis Raj**
Pondicherry University, Pondicherry.
Topic: *" b-coloring of the Mycielskian of some graphs"*

02.45 pm - 03.30 pm   Invited Talk: **Prof. Ravi Shankar Bhat**
Manipal Institute of Technology, Karnataka.
Topic: *"Mixed Block Domination in Graphs"*

03.30 pm - 04.00 pm   Tea Break

04.00 pm - 05.00 pm   **Paper Presentation**   Chairperson 1. Prof. S. Francis Raj
Chairperson 2. Prof. Ravi Shankar Bhat
Chairperson 3. Prof. N. Sridharan

Technical Sessions Details

Day 2 (08th Jan 2019)

Chair Person: Prof. A. Maria Arul Raj

09.00 am - 10.00 am	Invited Talk: **Prof. Ervin Győri** Alfréd Rényi Institute of Mathematics, Hungary. Topic: *"Graphs and 3-uniform linear hypergraphs with no pentagons"*
10.00 am - 10.45 am	Invited Talk: **Prof. Manju K. Menon,** St. Paul's College, Kerala. Topic: *"Security in Graphs"*
10.45 am - 11.15 am	Tea Break

Chair Person: Prof .S. Ruban Raj

11.15 am - 12.00 noon	Invited Talk: **Prof . V. Swaminathan** Ramanujan Research Centre in Mathematics, Saraswathi Narayanan College, Madurai, Tamilnadu, India. Topic: *" Neighbour Resolving Sets in a Graph "*

Chair Person: Prof .M. Marudai

12.00 noon – 12.45 pm	Invited Talk: **Prof. Niranjan Balachandran**, IIT, Mumbai. Topic: *"On some zero sum problems in abelian groups and related extremal problems."*
12.45 pm - 02.00 pm	Lunch

Chair Person: Prof. S.K. Ayyaswamy

02.00 pm - 02.45 pm	Invited Talk: **Prof. Sr. K. A. Germina** Central University of Kerala, Kerala. Topic: *"On the Notion of Balance in Signed Graphs"*
02.45 pm - 03.30 pm	Invited Talk: **Prof. P. Paulraja** Kalasalingam Academy of Research and Education, Krishnankoil. Topic: *"Decompositions of line graphs of complete graphs"*
03.30 pm - 04.00 pm	Tea Break
04.00 pm - 05.00 pm	**Paper Presentation** Chairperson 1. Prof. S. K. Ayyaswamy Chairperson 2. Prof. Sr. K. A. Germina Chairperson 3. Prof. Manju K. Menon

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<u>Technical Sessions Details</u>
<u>*Day 3 (09th Jan 2019)*</u>

<u>Chair Person: Prof. R. Savarimuthu</u>

09.00 am - 10.00 am	Invited Talk: **Prof. Balázs Patkós**
	Alfréd Rényi Institute of Mathematics, Hungary.
	Topic: *" Forbidden subposet problems"*

10.00 am - 10.45 am	Invited Talk: **Prof. R. Sampathkumar**
	Annamalai University, Chidambaram.
	Topic: *"COLORINGS OF GRAPHS: Twin edge coloring and Hamilton path coloring"*

10.45 am - 11.15 am	Tea Break

<u>Chair Person: Prof. R. Lawrence Joseph Manoharan</u>

11.15 am - 12.15 pm	Invited Talk: **Prof. T.E.S. Raghavan**
	University of IIIinois, Chicago, USA.
	Topic: *"The Combinatorial behind Lemke Howson Algorithm for locating a Nash equilibrium point for bimatrix games."*

12.15 pm – 01.00 pm	Invited Talk: **Prof. K. Viswanathan Iyer**, NIT, Trichy.
	Topic: *"Computational Complexity"*

01.00 pm - 02.00 pm	Lunch

<u>Chair Person: Prof. S. Koilraj</u>

02.00 pm - 02.45 pm	Invited Talk: **Prof. K. Kayathri**
	Thiagarajar College, Madurai.
	Topic: *"Edge-chromatic Critical Graphs"*

02.45 pm - 03.30 pm	Valedictory function and Certificate distribution