

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
DEPARTMENT OF MATHEMATICS

Report
ONE DAY NATIONAL LEVEL SEMINAR
on
“RECENT TRENDS IN DISCRETE MATHEMATICS”
INVITATION



D.K.M. COLLEGE FOR WOMEN
(Autonomous)

Sainathapuram, Vellore - 632 001.

Staff and Students of

P.G. and Research
Department of Mathematics

Cordially invite you all to the

One Day National Level Seminar on

Recent Trends in Discrete Mathematics

(with UGC Autonomous Fund)

Date : 25th January 2019, Friday

Time : 9.30 a.m.

Venue : D-Block Conference Hall

9.30 a.m.

Registration

10.00 a.m.

Inaugural Session

Prayer & Lighting Kuthuvilakku

Welcome Address

Prof. **L. Sowmyalatha**, M.Sc., M.Phil., B.Ed.,
Head & Associate Professor,
D.K.M. College for Women, Vellore

Inaugural Address

Dr. **P.N. Sudha**, Ph.D.,
Principal, D.K.M. College for Women, Vellore

10.30 a.m. - 11.30 p.m. **Technical Session - I**

Resource Person

Dr. **A.P. Pushpalatha**, Ph.D.,
Associate Professor, Department of Mathematics,
Thiagarajar College of Engineering, Madurai.
Topic : **"Excellence in Graphs"**

11.30 - 11.45 a.m.	Tea Break
11.45 a.m. - 1.00 p.m.	Technical Session - II
Resource Person	Dr. G. Jothilakshmi , Ph.D., Associate Professor, Department of Mathematics, Thiagarajar College of Engineering, Madurai. Topic : " Domination in Graphs "
1.00 - 2.00 p.m.	Lunch Break
2.00 p.m. - 3.00 p.m.	Technical Session - III
Resource Person	Dr. M. Siva Parvathi , Ph.D., Associate Professor, Department of Mathematics, Sri Padmavathi Mahila Visvavidyalayam, Tirupathi Topic : " Signed Uni Domination of Some Standard Graphs "
3.00 - 4.00 p.m.	Technical Session - IV
Resource Person	Dr. Indrani Pramod Kelkar , Ph.D., Professor, Dean - Students Welfare, Acharya Institute of Technology, Bangalore. Topic : " Mathematics for Machine Learning "
4.00 - 4.15 p.m.	Tea Break
4.15 - 4.30 p.m.	Valedictory Session
Feed back by the Participants	
Vote of Thanks	Dr. K. Ameenal Bibi , Ph.D., Associate Professor of Maths, D.K.M. College for Women, Vellore
National Anthem	

**Registration Fee : Rs. 150/- per participant
(Register your name in advance)**

All are Cordially Invited

The Department of Mathematics organized one day National level Seminar on the topic “**RECENT TRENDS IN MATHEMATICS**” on 25.01.19. The meeting started with prayer at 9.30 a.m. in a traditional way and the kuthuvilakku was lit by the Chief Guests. Ms. L. Sowmyalatha, Head and Associate Professor of Mathematics welcomed the gathering and introduced the Chief Guest Dr. A.P. Pushpalatha, Ph.D., Dr. G. Jothilakshmi, Ph.D., with her warm and cordial words. Dr. K. Ameenal Bibi, Associate Professor of Mathematics gave the inaugural address to the gathering.

The resource person for the first session was Dr. A.P. Pushpalatha, Ph.D., Associate Professor, Department of Mathematics, Thiagarajar College of Engineering, Madurai and the topic was **“EXCELLENCE IN GRAPHS”**. Vital areas in Discrete mathematics particularly in Graph theory were discussed. She explained in detail the various parameters in graphs.



The Resource person for the second session was Dr. G. Jothilakshmi, Ph.D., Associate Professor, Department of Mathematics, Thiagarajar College of Engineering, Madurai. She spoke about **“DOMINATION IN GRAPHS”**. She elaborated the qualities possessed by the graph like excellent graph, very excellent graph and rigid excellent graph.



The Resource person for the third session was Dr. M. Siva Parvathi, Ph.D., Associate Professor, Department of Mathematics, Sri Padmavathi Mahila Visvavidyalam, Tirupathi. She lectured on the topic **“SIGNED UNI DOMINATION OF SOME STANDARD GRAPHS”**. She provided a platform for researchers and motivated students for doing research in domination of Graph Theory.



The Resource person for the last session was Dr. INDRANI PRAMOD KELKAR, Ph. D., Professor, Dean – Students Welfare, Acharya Institute of Technology, Bangalore and her topic was **“MATHEMATICS FOR MACHINE LEARNING”**. Essential math for machine learning like Calculus, Linear Algebra, Probability, Statistics, and their applications were discussed.



There was an interactive session between the speaker and the participants to clarify their doubts. The students were highly motivated by attending the seminar. The UG, PG students and Research scholars of Mathematics of about 500 in number from our college attended the seminar. About 100 students and some faculty members from nearby colleges such as Voorhees College, Arcot Sri Mahalakshmi Women’s College, Muthurangam Government Arts College, Auxilium College, C. Abdul Hakeem College, Thiruvalluvar Arts and Science College, Arakonnam, Government Arts College, Nandhanam, Jaya College of Arts and Science also participated and benefited from this programme. The Seminar brought together the Teaching fraternity and the Researchers in sharing their knowledge and experiences. This seminar provided a platform for the researchers and the students to delve into various research areas in Applied Mathematics. Dr. K. Ameenal Bibi, Associate Professor of Mathematics proposed the vote of thanks. The Meeting came to an end with National Anthem.