

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

2019-2020

Report
ONE DAY INTERNATIONAL SEMINAR
on
“RECENT ADVANCEMENTS IN 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 to the
One Day International Seminar on
Recent Advancements in Mathematics
(with UGC Autonomous Fund)

Date : 19th August 2019, Monday
Time : 10.00 a.m.
Venue : D-Block Conference Hall

9.30 to 10.00 a.m.	Registration
10.00 to 10.30 a.m.	Prayer & Lighting Kuthuvilakku
Welcome Address	Dr. K. Ameenal Bibi , M.Sc., M.Phil., M.Ed., Ph.D., Head & Associate Professor of Mathematics, D.K.M. College for Women (Autonomous), Vellore.
Presidential Address	Dr. P.N. Sudha , Ph.D., Principal, D.K.M. College for Women (Autonomous), Vellore.
Inaugural Address	Dr. R. Amutha , Ph.D., Head & Asst. Prof. of Mathematics, Thiruvalluvar University College of Arts & Science, Attupakkam, Arakkonam-631 151.



The Department of Mathematics organized one day International Seminar on the topic **“RECENT ADVANCEMENTS IN MATHEMATICS”** on 19.08.19. The meeting started with prayer at 9.30 a.m. in a traditional way and the kuthuvilakku was lit by the Chief Guests and the dignitaries. Dr.K. Ameenal Bibi, Head and Associate Professor of Mathematics welcomed the gathering and introduced the Chief Guest. Dr. P.N.Sudha, Principal of D.K.M. College, presided over the function and gave the presidential address. Dr. R. Amutha, Head and Assistant

Professor of Mathematics, Thiruvalluvar University College of Arts and Science, Attupakkam, Arakkonam gave the Inaugural address.



The resource person for the first session was Dr. M.P.Kulandaivel, Ph.D., Department of Information Technology, Al Musanna College of Technology, South Al Batinah Region, Muscat . He addressed the students on “Relation between Graph Theory and Communication Networks”. He explained about the graph theoretical ideas which are used by various computer applications like Data mining and image segmentation. He also explained about the effectiveness and applicability of existing methods and algorithms.



The resource person for the second session was Dr. B.V. Senthil Kumar, Section of Mathematics, Nizwa College of Technology, Nizwa, Sultanate of Oman. He elaborately discussed about “Role of Functional Equations in Various Fields”. He inspired and motivated students to construct Functional equations for Different degrees. He also shared his Knowledge on applications of functional equations in the field of economics and multiple uses of some classical equations.





The resource person for the third session was Dr. M. Yamuna, Ph.D., Associate Professor of Mathematics, Vellore Institute of Technology, Vellore. She addressed the gathering on “DNA Fragment assembly using Euler Graphs-A New Historical Approach”. She provoked interest in the students on Graph Theory. The students were highly motivated by attending the seminar. The Seminar brought the Teaching fraternity and Researchers in sharing their knowledge and experiences. This provided a platform for the researchers and students to develop into various research areas in Applied Mathematics. Mrs. G. Vinu Priya, Assistant Professor of Mathematics proposed the vote of thanks. The Meeting came to an end with National Anthem.

