

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**

**DEPARTMENT OF MATHEMATICS**

**2022-2023**

**Report**

**INTERNATIONAL SEMINAR**

**on**

**“APPLICATIONS OF MATHEMATICS IN DATA SCIENCE WITH  
MACHINE LEARNING”**

The Department of Mathematics organized one day International Seminar on the topic “APPLICATIONS OF MATHEMATICS IN DATA SCIENCE WITH MACHINE LEARNING” on 03.11.2022. The meeting started with prayer at 11.00 a.m. in D Block Brahmaputra Hall. Mrs. G.Vinu Priya, Head and Assistant Professor of Mathematics welcomed the gathering. Dr. R.Banumathy, Principal, D.K.M. College for Women presided over the function and gave the presidential address. Dr.M.Kasthuri, Assistant Professor introduced the Resource person.

The resource person for the session was Velendhi Elumalai M.E., Associate Consultant, Tata consultancy service, United Kingdom. He addressed the students on “APPLICATIONS OF MATHEMATICS IN DATA SCIENCE WITH MACHINE LEARNING”. He provided an explanation on Data science methods and its techniques. He further explained Data science technologies on quantum computing, cloud computing, internet of things and artificial intelligence. He elaborated on Machine learning algorithms, and he explained the role of Mathematics in Data science by using Linear regression, Differential calculus, Statistics and Probability theory.

He captivates the students' interest in the topics of data science and machine learning. Attending the seminar greatly energized the students. The seminar gave the students a place to explore their interests in many branches of applied Mathematics. Dr. M. Devi Assistant Professor of Mathematics acted as master of ceremony. Dr.N.Nithyapriya, Assistant Professor of Mathematics proposed the vote of thanks. Around 293 students of B.Sc. and M.Sc. Mathematics participated in this International Seminar. The Meeting came to an end with National Anthem.

## PHOTOGRAPHIC EVIDENCE

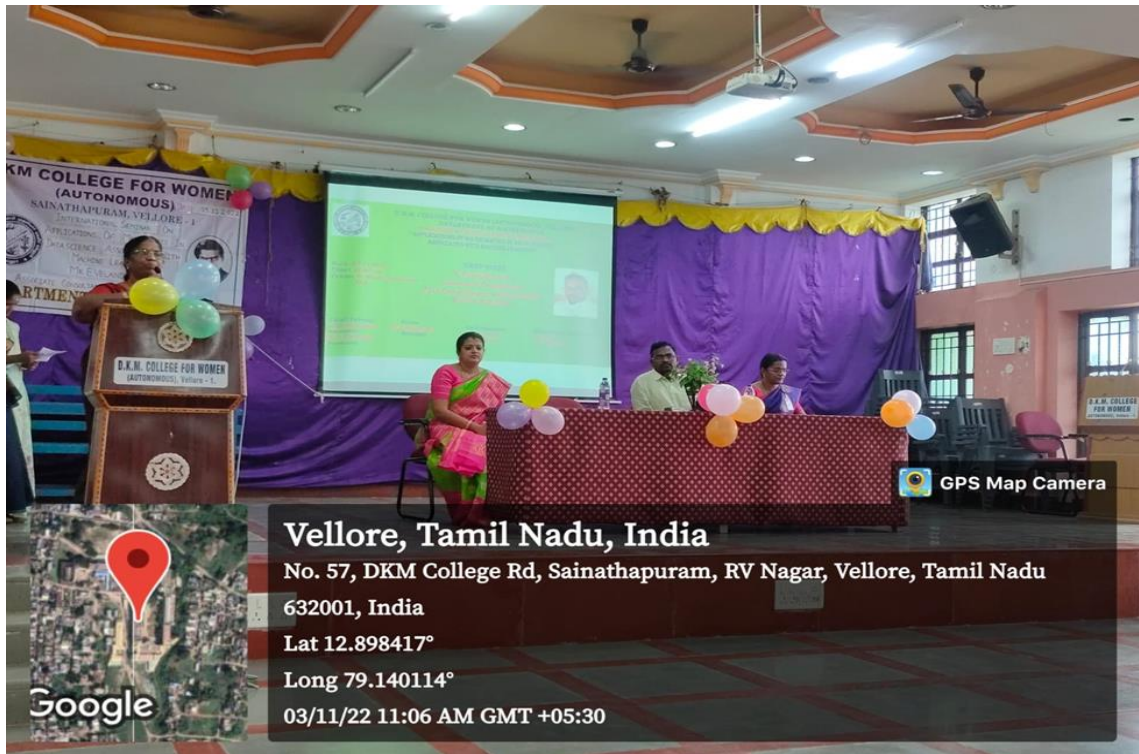


**Dr. M. Devi, Assistant Professor hosted the ceremony**



**Mrs. G. Vinu Priya, Head and Assistant Professor, Department of Mathematics welcomed the gathering on 03.12.2022**





**Dr. R.Banumathy, Principal gave the Presidential Address on 03.12.2022**



**Dr. M. Kasthuri, Assistant Professor introduced the Chief guest**





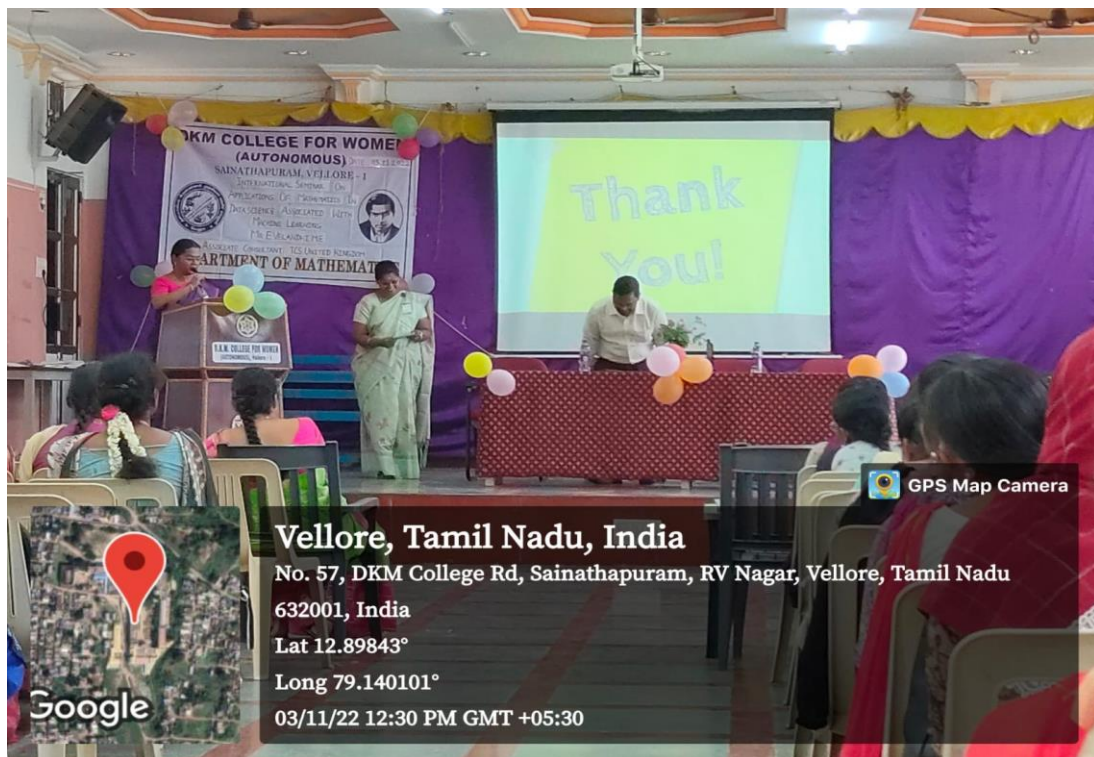
**Velendhi Elumalai M.E., Associate Consultant, Tata consultancy service, United Kingdom addressed the gathering on 03.12.22**







**Participants of the International seminar on 03.12.2022**



**Dr. N.Nithyapriya, Assistant Professor proposed the Vote of Thanks**