



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Maduravoyal, Chennai - 600 095. Tamilnadu, India.
(An ISO 9001-2015 Certified Institution)



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Mathematics

Event Title	Three Days FDP On Effective Tools for Enhancing Teaching and Learning Process		
Objective of Event	hands on training on how to use the following tools namely ChatGPT, Scispace, Slido, Geogebra, Perplexity and Gamma AI in Classroom Teaching. She has also suggested the AI tools like Google studio.use the Command area in matlab to do basic Mathematical calculations,		
Chief Guest /Speaker Details	Dr.L.SHOBANA,, ASSOCIATE PROFFESOR, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,KAATANKULATHUR,CHENNAI Dr.A.		
Date	25/02/2025 to 27/02/2025	Time	10:00 AM to 01.30 PM
Venue	Seminar Hall	No. of Participants	150

REPORT

TITLE

Three Days FDP On Effective Tools for Enhancing Teaching and Learning Process

CONTENT

Day 1 report of the Three days- Faculty Development .Program on " Effective Tools for Enhancing Teaching and Learning Process

"organized by the Department of Mathematics, Dr. M.G.R. Educational and Research Institute on 25th-27th February 2025. The event was conducted at the Seminar Hall, Anna block, Phase I campus. The Day 1 Session was

commenced at 10.00 a.m with the Tamizhthai Vaazhthu and Dr. T.Johnson, Head, Dept. of Mathematics, welcomed the gathering. The

Resource person of the Day 1 Event, Dr.L.Shobana, Associate Professor, Department of Mathematics , SRM Institute of Science and Technology, Kattankulathur, Chennai, had been introduced by the Research scholar, S. Priyadharshini, Dept. of Mathematics. In the session, Dr. L.Shobana explained, how to use AI tools in Teaching Mathematics. She gave hands on training on how to use the following tools namely ChatGPT, Scispace, Slido,

Geogebra, Perplexity and Gamma AI in Classroom Teaching. She has also suggested the AI tools like Google studio, Gemini, Sora, Free dall, Storm, Deep seek, Eleven lab AI voice tool. The Day 1 session was informative and interactive to all the participants .Day 2 Event, Dr.A.Parthiban, Assistant Professor,

Department of Mathematics , Vellore Institute of Technology, Vellore, had been introduced by the Research scholar, S.Priyadharshini, Dept. of Mathematics. In the



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session, Dr.A.Parthiban gave a hands on training on, how to sign in for the Open Basic version of MATLAB. He also explained how to use the Command area to do basic Mathematical calculations, Solving

system of linear equations and non-linear equations, Finding the differential functions. The Resource person of the Day 3 Event, Dr.A.Felix, Associate Professor, Department of Mathematics , Vellore Institute of Technology, Chennai, had been introduced by the Research scholar, Ms.S.Priyadarshini, Dept. of

Mathematics. In the session, Dr.A.Felix gave a hands on training on, how to use Python programming to do basic Arithmetic calculations, Matrix operations, Solving system of linear and non-linear equations, Finding

correlation coefficients and Regression lines. He further explained how to feed the data and analyze it through various statistical tools available in the python programming packages. The Day 3 session was informative and interactive to all the participants. Our Heartful thanks to our Hon. President

for his continuous support and encouragement. We thank the Event Manager Mrs.Y.Sabithabanu and the Event Coordinators, Dr.P.Abirami, Assistant Professor and Mrs.M. Sridevi, Associate Professor Dept. of Mathematics, for their co-ordination .

We also thank Mrs. Lakshmi Priya, Assistant professor, for compering the Event and Mr.Rooban sanjai, Research scholar for his coordination. Finally, we thank all the Faculty members for their active participation in all three days.



EVENT OUTCOME

The event insight about the topic. Excellent explanation of feeding and analyzing data part. Three days session was informative and interactive to the participants.



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PHOTOS



Mrs.Sridevi,
Dr P Abirami