

Dr. Mahalingam College of Engineering and Technology, Pollachi-642003

Office of Dean Research & Innovation

and

Department of Science and Humanities

Report of the one day “mathematical optimization techniques in MATLAB for engineering applications” held during July 08, 2024

Venue, Date & Time: C433, 08/07/2024 & 9.30am-3.30pm

Brief of the event, guest details, participant details

A “**Mathematical Optimization Techniques in MATLAB for Engineering Applications**” was conducted on July 08, 2024, organized by the Department of Science and Humanities (Mathematics Division), Dr. Mahalingam College of Engineering and Technology, Pollachi-642003. A summary of the programme is given below.

The programme started in the afternoon (10.00am) with the participation of all the mathematics faculty members at C433. The session was taken by Dr.M.Sambath Assistant Professor, Periyar University, Salem. Initially, the session started with the fundamentals of MATLAB. Then, he explained in a very interesting manner about the importance and need for MATLAB for Engineering students, the role of objectives in teaching and learning MATLAB, the basic concepts of MATLAB, and the application of the MATLAB for PDEs, which are discussed. Besides, he talked about mathematics tools in a classroom: the need for MATLAB tools in engineering, computer simulations, etc. Further, the faculty members tried some MATLAB programmes and clarified their doubts about the MATLAB codes.

Coordinators:

1. Dr. T. Muthukumar, AP-Mathematics
2. Dr. R. Ramesh, AP(SG)-Mathematics

Poster:

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**One Day Workshop on
Mathematical Optimization
Techniques in MATLAB for
Engineering Applications**

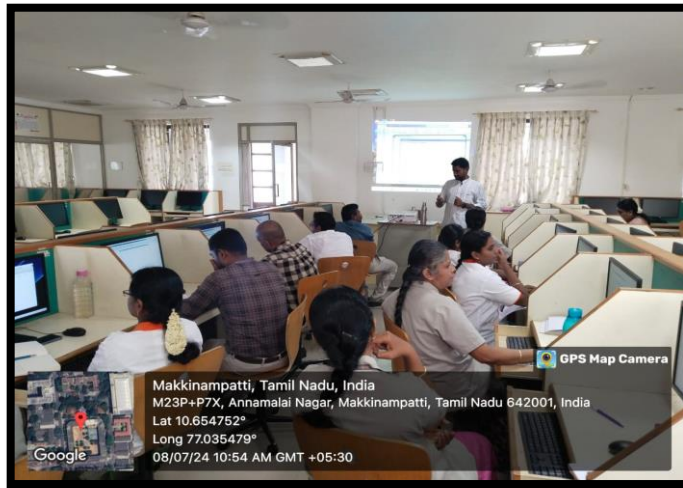
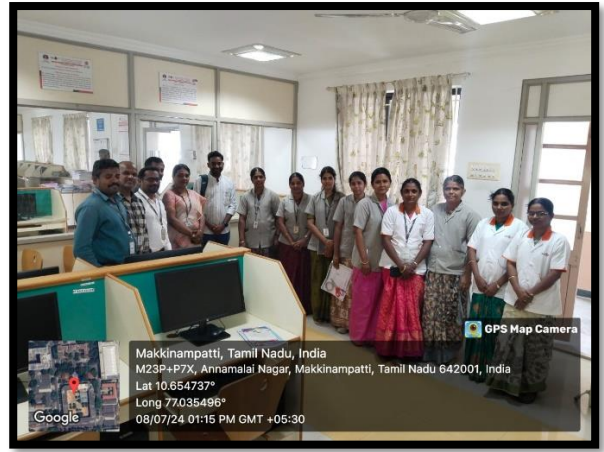
DR.M.SAMBATH
ASSISTANT PROFESSOR,
PERIYAR UNIVERSITY, SALEM

08 JULY, 2024
9:30AM
Venue: C433

Convener
Dr.L.Chitra
HoD-FYP

Coordinators
Dr.T.Muthukumar, AP/Maths
Dr.R.Ramesh, AP(SG)/Maths

A group photograph of participants with resource person from MCET, Pollachi.



S. Prunkaney

Dean R&I

[Handwritten Signature]

Principal

--Sd--
Secretary