

SAGE



Faculty Development Programme on **SAGEMATH**

10TH -14TH AUGUST 2020 11.00 AM-12.30 PM

Organized by
Dept. of Basic Sciences &
Dept. of Master of Computer Applications
Amal Jyothi College of Engineering,
Kanjirappally, Kerala, India

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SAGEMATH is an open source software alternative to Magma, Maple, Mathematica and Matlab

Topics Covered

- Matrices for Linear Algebra and Data Analytics
- Plotting of curves and surfaces
- Multivariable calculus for Engineers (Partial Differentiation, Multiple integral)
- Solutions of differential equations
- Graph Theory
- Linear Programming
- Programming in SAGEMATH

Resource Persons

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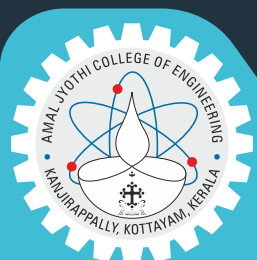
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A digital certificate of participation will be issued to all active participants who complete the program with submission of feedback, at the end of the FDP.