Mahatma Gandhi College, Iritty

P.G Department of Mathematics

Bridge Course, 2025-26

A bridge course on the fundamentals of Differentiation and Integration was conducted by First year MSc Mathematics students for the first year BSc (FYUGP) students. The course aimed to fortify students with Mathematical foundation. The differentiation segment covered differentiation rules, differentiation by substitution, by parts etc. In the integration section, emphasis was on techniques, definite and indefinite integrals. MSc mentors facilitated a collaborative learning environment, addressing queries and doubts effectively. The course enhanced participants' grasp course successfully bridged the gap between +2 and BSc levels, fostering a stronger Mathematical base for first year students.

Date	Student Teacher
16.07.2025	Anjana M
	Anagha P
17.07.2025	Ardra P
	Ananya K K
18.07.2025	Angel George
	Ananya K
	Ardra P
21.07.2025	Angel George
	Ananya K K
	Ardra P
	Asifa K
23.07.2025	Adithyanath
	Anjana M
	Anagha P

Basics of Differentiation and Integration

No. of Contact hours : 20

Unit I (10 hours)

Text Book: Differential Calculus, Shanthi Narayanan and P.K Mittal

Derivatives of Standard functions, Rules of differentiation, Parametric Differentiation

Sections - 4.3 to 4.10

Unit II (10 hours)

Text Book: Integral Calculus, Shanthi Narayanan and P.K Mittal

Quick Review of basic integration

Sections - 8.1 to 8.5

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670703, India, Kannur, Kerala 670703, India
Lat 11.96991° Long 75.661438°
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India, Kannur, Kerala 670703, India
Lat 11.970067° Long 75.661552°
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Punnad, Kerala, India
, Keezhur Kunnu, Punnad, Kerala 670703, India
Lat 11.970224° Long 75.661302°
18/07/2025 11:06 AM GMT +05:30

GPS Map Camera

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, Keezhur Kunnu, Punnad, Kerala 670703, India
Lat 11.970218° Long 75.661306°
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GPS Map Camera

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21/07/2025 11:18 AM GMT +05:30

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