

Mahatma Gandhi College, Iritty

P.G. Department of Mathematics

Bridge Course

A bridge course on the fundamentals of Differentiation and Integration was conducted by Second M.Sc students for the first year B.Sc. Students. The course aimed to fortify students with the 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 of calculus, nurturing their analytical skills for further studies. Overall, the bridge course successfully bridged the gap between MSc and BSc levels, fostering a stronger Mathematical base for first year students

Date	Student Teacher	Class	Number of Students attended	No. of Hours
18.07.24	Aiswary K	I BSc Mathematics		1
	Alka			
22.07.24	Aiswary K	I BSc Mathematics		3
22.07.24	Alka	I BSc Physics		3
	Fidha			
22.07.24	Varsha P	I BSc Computer Sc		3
	Varsha K			
22.07.24	Lavanya	I BSc Chemistry		
23.07.24	Aiswarya K	I BSc Mathematics		
23.07.24	Varsha P	I BSc Computer Sc		
	Varsha K			
23.07.24	Hashana	I BSc Physics		
	Fidha			
23.07.24	Lavanya	I BSc Chemistry		
	Stephy			
24.07.24	Aiswarya K	I BSc Mathematics		
24.07.24	Vyshnavi	I BSc Chemistry		
	Stephy			
24.07.24	Achu C	I BSc Physics		
	Jumana			
	Devika			

Basics of Differentiation and Integration

No. of Contact hours : 20

Unit I (10 hrs)

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

Derivatives of Standard functions, Rules of differentiation, parametric Differentiation

Sections- 4.3 to 4.10

Unit II (10 hrs)

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

Quick Review of basic integration

Sections- 8.1 to 8.5





XM96+WJP, Thalassery
- Coorg Hwy, Keezhur
Kunnu, Kerala 670703,
India, Kannur, India

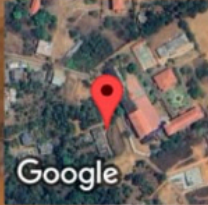
Jul 24, 2024 03:44 pm

Latitude

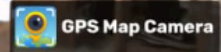
33.60024

Longitude

33.6002



Kannur, Kerala, India
XM96+WJP, Thalassery - Coorg Hwy, Keezhur Kunnu, Kerala 670703, India
Lat 11.97022°
Long 75.661187°
18/07/24 11:46 AM GMT +05:30





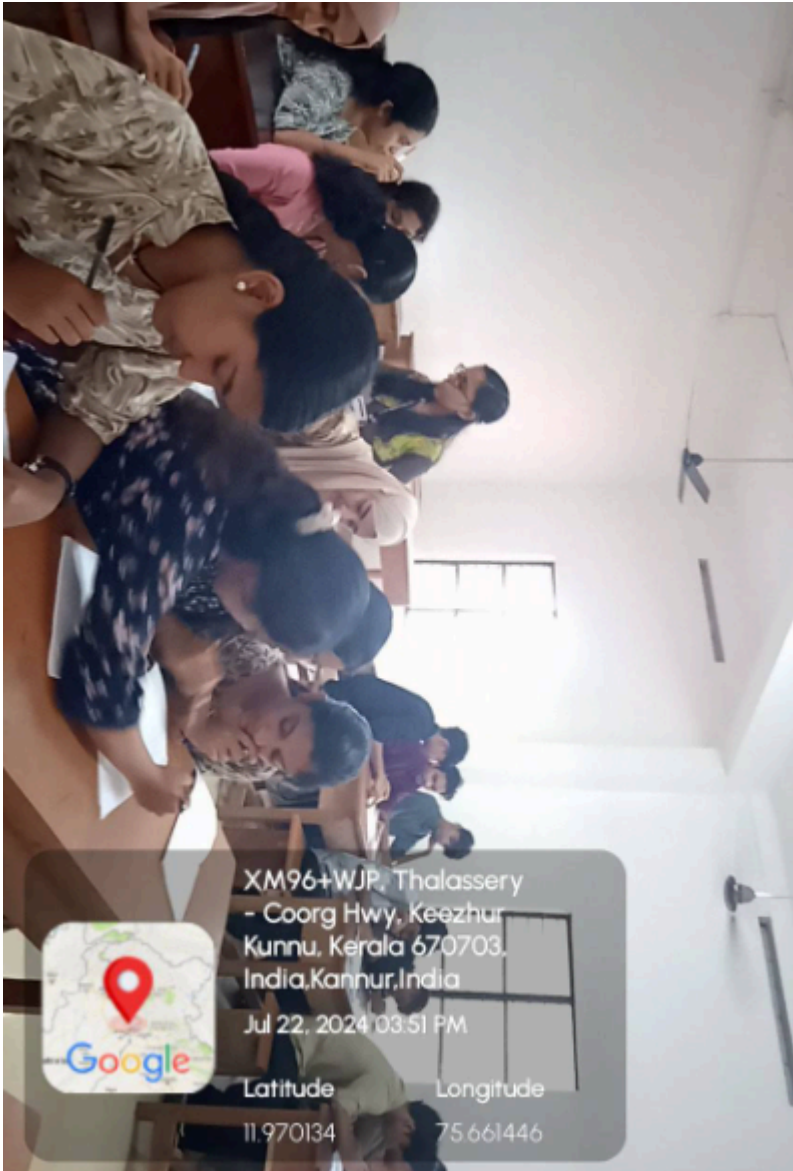
XM96+WJP, Thalassery
- Coorg Hwy, Keezhur
Kunnu, Kerala 670703,
India.Kannur,India
Jul 24, 2024 03:44 pm



Latitude	Longitude
33.60024	33.6002







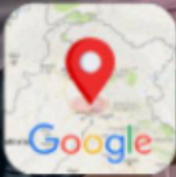
XM96+WJP, Thalassery
- Coorg Hwy, Keezhur
Kunnu, Kerala 670703,
India, Kannur, India
Jul 22, 2024 03:51 PM



Latitude	Longitude
11.970134	75.661446



XM96+WJP, Thalassery
- Coorg Hwy, Keezhur
Kunnu, Kerala 670703,
India, Kannur, India
Jul 22, 2024 04:12 PM



Latitude	Longitude
11.970201	75.661369





XM96+WJP, Thalassery
- Coorg Hwy, Keezhur
Kunnu, Kerala 670703,
India,Kannur,India

Jul 22, 2024 03:56 PM

Latitude

11.970134

Longitude

75.661446

MAHATMA GANDHI COLLEGE IRITTY
TIME TABLE (22.07.2024)

DAY	CLASS	I HOUR	II HOUR	III HOUR	IV HOUR	V HOUR
MONDAY	I BCOM	AEC1	Major	AEC2	Major	
	I BBA	Major	AEC1	AEC2	Major	
	I COMP.SC	Mathematics Bridge Course			AEC2(Mal-I BSc Maths class, Hindi-I BSc Physics Class)	
	I MATHS	Mathematics Bridge Course			AEC2(Mal-I BSc Maths class, Hindi-I BSc Physics Class)	
	I PHYSICS	Mathematics Bridge Course			AEC2(Mal-I BSc Maths class, Hindi-I BSc Physics Class)	
	I CHEM	Mathematics Bridge Course			AEC2(Mal-I BSc Maths class, Hindi-I BSc Physics Class)	
	II PHYSICS	Main	SL	ENGLISH	Comp Sc(P)	Comp Sc(P)
	II MATHS	Statistics	SL	ENGLISH	Main	Main
	II CHEM	Main	SL	ENGLISH	Physics(P)	Physics(P)
	II COMP.SC	Statistics	Main	Main	Main	Main

MAHATMA GANDHI COLLEGE IRITTY
TIME TABLE (23.7.2024)

DAY	CLASS	I HOUR	II HOUR	III HOUR	IV HOUR	V HOUR
TUESDAY	I BCOM	AEC2	Major	AEC1	Major	
	I BBA	AEC2	AEC1	Major	Major	
	I COMP.SC	Mathematics Bridge Course			Major	
	I MATHS	Mathematics Bridge Course			Major	
	I PHYSICS	Mathematics Bridge Course			Major	
	I CHEM	Mathematics Bridge Course			Major	
	II PHYSICS	Maths	Maths	Comp Sc	SL	
	II MATHS	Statistics	Statistics	Comp Sc	SL	
	II CHEM	Main	Physics	Main	SL	
	II COMP.SC	Statistics	Statistics	Main	Main	

MAHATMA GANDHI COLLEGE IRITTY
TIME TABLE (24.07.2024)

DAY	CLASS	I HOUR	II HOUR	III HOUR	IV HOUR	V HOUR
WEDNESDAY	I BCOM	AEC1	AEC2	Major	Major	
	I BBA	Major	AEC2	Major	AEC1	
	I COMP.SC	Mathematics bridge Course		Major	AEC2	
	I MATHS	Mathematics bridge Course		Major	AEC2	
	I PHYSICS	Mathematics bridge Course		Major	AEC2	
	I CHEM	Mathematics bridge Course		Major	AEC2	
	II PHYSICS	Main	Maths	ENG	Comp Sc	SL
	II MATHS	Main	Statistics	ENG	Comp Sc	SL
	II CHEM	Main	Physics	ENG	Maths	SL
	II COMP.SC	Main	Statistics	Main	Maths	Main

