Academic Planner

A. Teaching Plan

Year: 2021-22   **Semester: Odd (2021) & Even (2022)**

Teacher's Name: Dr. Satya Prakash Tripathi   **Department: Mathematics**

Sl. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1.	32351101	Calculus	Core	I	18/11/2021	16/12/2021
				II	17/12/2021	14/1/2022
				III	15/1/2022	11/2/2022
				IV	12/2/2022	05/03/2022
2.	32351303	Multivariable Calculus	Core	I	10/8/2021	02/9/2021
				II	03/9/2021	06/10/2021
				III	07/10/2021	29/10/2021
				IV	30/10/2021	27/11/2021
3.	32351402	Riemann Integration and Series of Functions	Core	I	2/1/2022	31/1/2022
				II	1/2/2022	23/3/2022
				III	31/3/2022	14/3/2022

#	Course Code	Course Name	Type	Topic Name	Start Date	End Date
				IV	15/4/2022	29/4/2022
4.	32351601	Complex Analysis	Core	Complex numbers, Complex-valued functions: limit, continuity differentiability	02/1/2022	8/2/2022
				Analytic functions and its Properties, Contour integrals, Antiderivative theorem	9/2/2022	23/3/2022
				Cauchy Integral formula, and its extension Taylor's Series and Laurent Series: convergence and uniqueness of representation of series, Singularities and residues, Cauchy's residue formula	31/3/2022	29/4/2022

B. Outstation Field visits for students: *Not Applicable*

Project Name / Paper Name			
Destination	-	Travel Mode	-
Departure Month	-	Return	-
Faculty-in-Charge	-	Number of Students going	-

C.   Internal Assessment: House Exam (Test/Presentation etc.) & Assignment*

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining

563	B.Sc. (H) Maths Semester I	32351101	Graphing of functions, limit, continuity and differentiability of functions and their applications	8/12/2020	15/12/2021
563	B.Sc. (H) Maths Semester I	32351101	Integration and its applications, Conic sections	13/1/2021	22/1/2022
563	B.Sc. (H) Maths Semester I	32351101	Vector functions and its applications	18/2/2021	25/2/2022
563	B.Sc. (H) Maths Semester III	32351303	Limit, continuity and differentiability of functions of 2 variables and its applicatins	17/9/2021	22/9/2022
563	B.Sc. (H) Maths Semester III	32351303	Double and triple integration and its applications	15/10/2021	23/10/2022
563	B.Sc. (H) Maths Semester III	32351303	Applications of Green's Gauss' and Stoke's theorem	5/11/2021	11/11/2022
563	B.Sc. (H) Maths Semester IV	32351402	Integration theorems and their proofs, Fundamental theorem of integration	2/2/2022	11/2/2022
563	B.Sc. (H) Maths Semester IV	32351402	Uniform convergence of sequence and series of functions	3/3/2022	10/3/2022
563	B.Sc. (H) Maths Semester IV	32351402	Power series and their radius of convergence	1/4/2022	8/4/2022
563	B.Sc. (H) Maths Semester VI	32351601	Complex regions and Analytic functions	3/2/2022	11/2/2022
563	B.Sc. (H) Maths Semester VI	32351601	Contour integration and Cauchy Integral formula	18/3/2022	26/3/2022
563	B.Sc. (H) Maths Semester VI	32351601	Power Series and residues	4/4/2022	12/4/2022

*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester

D.   Organization of Department/College Society Meetings by Staff Advisor/Convener

Department/Society	Meeting Date	Purpose
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E.   College Functions

College Function	Function Date	Role to be played
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