

TEACHING PLAN

Subject / Paper :	Mathematics - paper - II
Name of the Topic	Vector Integration.
Hours required	12
Learning Objectives	To do the integration along curve, over a surface or over a volume.
Previous knowledge to be reminded	Integration.

Synopsis

Line Integral:

Any integral, which is evaluated along a curve is called a line integral

$$\int_a^b \vec{F} \cdot d\vec{r} \quad \text{or} \quad \oint_a \vec{F} \cdot d\vec{r}$$

Surface Integral

Any integral, which is evaluated ~~along~~ ^{over} a surface is called a surface integral.

$$\int_S \vec{F} \cdot \vec{n} \, ds$$

Volume Integral:

Any integral, which is evaluated over a volume is called volume integral.

$$\int_V \vec{F} \, dv.$$

Examples / Illustrations	
Additional inputs	
Teaching Aids used	Text Book
References cited	Vector Calculus - Shanti Narayan
Student Activity planned after the teaching	Seminar, Assignments
Activity planned outside the class room, if any	
Any other activity	

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G. Pradyumn Kumar
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TEACHING PLAN

Subject / Paper :	Mathematics - Paper - IV.
Name of the Topic	Limits and continuity.
Hours required	10.
Learning Objectives	Students, can be able to define limit of a function and properties.
Previous knowledge to be reminded	Basic definitions of limit and some properties.

Limit of function:

A function $f(x)$ is said to tends, to the limit 'l' as x tends to 'a', if to each given $\epsilon > 0$, there corresponds to a real number $\delta > 0$ such that

$$|f(x) - l| < \epsilon \text{ whenever } 0 < |x - a| < \delta.$$

$$\lim_{x \rightarrow a} f(x) = l.$$

Using the definition of limit, prove that (i) $\lim_{x \rightarrow a} \frac{x^n - a^n}{x - a} = na^{n-1}$

$$(ii) \lim_{x \rightarrow 0} x \sin \frac{1}{x} = 0.$$

Continuity of a function: $\lim_{x \rightarrow a} f(x) = f(a)$.

Theorems: 1. If f is continuous on $[a, b]$, then f is bounded on $[a, b]$.
 2. If f is continuous on $[a, b]$, then f attains its bounds.
 3. If f is continuous on $[a, b]$ and $f(a) \neq f(b)$, then f assumes every value between $f(a)$ & $f(b)$.

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Examples / Illustrations	
Additional inputs	P.G. Entrance Exam Bits.
Teaching Aids used	Text Book.
References cited	Elements of Real Analysis - Shanti Narayan.
Student Activity planned after the teaching	Quiz, Assignments, Seminars
Activity planned outside the class room, if any	
Any other activity	

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Teaching Diary

S. No.	Date.	Day	Class	Period/Time	Medium	Theory/Practical	Topic Covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity	Remarks
	21-10-2019	THU	I. B.Sc	I	B.M.	Theory	Revision	Lecture	10	Text book		
			II. B.Sc	II	P.M.	Theory	Revision	Lecture	20	Text book		
			III. B.Sc	III	P.M.	Theory	Revision	Lecture	05	Text book		
				IV								
			I. B.Sc	V	E.M.	Theory	Revision	Lecture	21	Text book		
	01-11-2019	FRI		0								
			III. B.Sc	I	E.M.	Theory	Revision	Lecture	15	Text book		
				II								
			I. B.Sc	IV	E.M.	Theory	Revision	Lecture	20	Text book		
			II. B.Sc	V	E.M.	Theory	Revision	Lecture	10	Text book		
	02-11-2019	SAT		0								
				I								
				II								
				III								
				IV								
				V								

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Signature of the Department I/C

Signature of the Principal

Name of the College : **S.V.A. GOVT. DEGREE COLLEGE (M), SRIKALAHASTI**

Name of the Lecturer : M. S. HANDEKA BARI

Year: II (IV Sem)

ideal: Π (IX sem)

S. No.		Month & Year		Week		Hours Available		TOPIC		Additional Input/Value Addition/taught		Curricular Activity					Co-Curricular Activity					Remarks	
												Activity to be conducted					Activity to be conducted						
												Hours allotted					Hours Allotted						
												Whether Conducted					Whether Conducted						
												If not, Alternate Date					If Not Alternate Date						
FEB.		1 st Week		2				The derivability of a function															
		2 nd Week		5				Problems on derivability															
		3 rd Week		6				Mean Value Theorems		skip test		1					1						
		4 th Week		6				Problems on mean value theorems															
		5 th Week		4				Riemann Integration									Assignment					1	
MARCH		1 st Week		2				Properties of integral functions															
		2 nd Week		4				Mean Value Theorems															
		3 rd Week																					
		4 th Week																					
		5 th Week																					

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TEACHING PLAN

Subject / Paper :	MATHEMATICS - PAPER - VIII A
Name of the Topic :	Applications to Laplace Transform
Hours required	12
Learning Objectives	Students will solve partial differential equation using Laplace transform
Previous knowledge to be reminded	Laplace Transform
Synopsis If $y = y(x, t)$ then (i) $L\left(\frac{\partial^2 y}{\partial t^2}\right) = s^2 Y(x, s) - y(x, 0) - Y'(x, 0)$ (ii) $L\left(\frac{\partial^2 y}{\partial x^2}\right) = \frac{\partial^2 Y}{\partial x^2}$ Solve $\frac{\partial^2 y}{\partial t^2} = 2 \frac{\partial^2 y}{\partial x^2}$ where $y(0, t) = 0 = y(5, t)$ and $y(x, 0) = 10 \sin 4\pi x$ $\frac{\partial^2 y}{\partial t^2} = 2 \frac{\partial^2 y}{\partial x^2}$ $\Rightarrow L\left[\frac{\partial^2 y}{\partial t^2}\right] = 2 L\left[\frac{\partial^2 y}{\partial x^2}\right]$ $\Rightarrow s^2 Y - y(x, 0) = 2 \frac{\partial^2 Y}{\partial x^2}$ $\Rightarrow s^2 Y - 10 \sin 4\pi x = 2 \frac{\partial^2 Y}{\partial x^2}$ $\Rightarrow \frac{\partial^2 Y}{\partial x^2} - \frac{s^2}{2} Y = -5 \sin 4\pi x$	
Examples / Illustrations	$\frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 u}{\partial t^2} = x \Rightarrow L\left[\frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 u}{\partial t^2}\right] = L[x]$
Additional inputs	
Teaching Aids used	Blackboard, Chalkpiece
References cited	Textbook Transform by Gopal and Gupta
Student Activity planned after the teaching	Solve it, Assignment, Seminar
Activity planned outside the class room, if any	
Any other activity	

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TEACHING PLAN

Subject / Paper :	
Name of the Topic :	
Hours required	
Learning Objectives	
Previous knowledge to be reminded	
Synopsis $\frac{\partial^2 y}{\partial x^2} - \frac{\partial^2 y}{\partial t^2} = 0 \Rightarrow (0^2 - \frac{1}{t^2}) y = 0 \Rightarrow y = c_1 e^{\sqrt{t}x} + c_2 e^{-\sqrt{t}x}$ $y = \frac{1}{0^2 - \frac{1}{t^2}} (-5 \sin 4\pi x) = \frac{-5}{-16\pi^2 - \frac{1}{t^2}} \sin 4\pi x = \frac{10}{16\pi^2 t^2} \sin 4\pi x$ $50 y = c_1 e^{\sqrt{t}x} + c_2 e^{-\sqrt{t}x} + \frac{10}{16\pi^2 t^2} \sin 4\pi x \rightarrow 0$ $y(0, t) = 0 \Rightarrow y(5, t) = 0 \Rightarrow y(5, t) = 0$ Then $c_1 + c_2 = 0$ and $c_1 e^{\sqrt{t}5} + c_2 e^{-\sqrt{t}5} = 0 \Rightarrow c_1 = c_2 = 0$ So $y = \frac{10}{16\pi^2 t^2} \sin 4\pi x$ $\Rightarrow y = L^{-1}\left[\frac{10}{t+32\pi^2}\right] \sin 4\pi x$ $\Rightarrow y = 10 e^{-32\pi^2 t} \sin 4\pi x$	
Examples / Illustrations	
Additional inputs	
Teaching Aids used	
References cited	
Student Activity planned after the teaching	
Activity planned outside the class room, if any	
Any other activity	

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particular Integral

$$y_p = \frac{1}{f(\omega)} e^{ax} = \begin{cases} \frac{1}{f(a)}, & f(a) \neq 0 \\ x \cdot \frac{1}{f'(a)}, & f(a) = 0 \text{ but } f'(a) \neq 0 \end{cases}$$

$$y_p = \frac{1}{f(\omega)} e^{ax} \cos bx$$

$$= \frac{1}{\phi(\omega^2)} \cos bx = \frac{1}{\phi(-b^2)} \cos bx \quad \text{if } \phi(-b^2) \neq 0$$

$$y_p = \frac{1}{D^2 + b^2} \cos bx = \frac{x}{2b} \sin bx$$

$$y_p = \frac{1}{D^2 - b^2} \sin bx = -\frac{x}{2b} \cos bx$$

$$(1+x)^{-1} = 1 - x + x^2 - x^3 + \dots$$

$$(1-x)^{-1} = 1 + x + x^2 + x^3 + \dots$$

$$(1+x)^{-2} = 1 - 2x + 3x^2 - 4x^3 + \dots$$

$$(1+x)^{-2} = 1 + 2x + 3x^2 + 4x^3 + \dots$$

$$y_p = \frac{1}{f(\omega)} x v = x - \frac{1}{f'(\omega)} \frac{f'(\omega)}{[f(\omega)]^2} v$$

$$y_p = \frac{1}{f(\omega)} e^{ax} v = e^{ax} \frac{1}{f(\omega+a)} v$$

G. Gurusamy (Kumar)

so many thanks

Teaching Diary

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :

Class & Year :

Semester :

S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
January	2022	1 st Week	0	—	—	—	—	—	—	—	—	—	—	—
		2 nd Week	5	Divergence & curl of a vector	General Applications	—	—	Yes	—	—	—	—	—	—
		3 rd Week	0	—	—	—	—	—	—	—	—	—	—	—
		4 th Week	5	Vector identities	General Applications	—	—	—	—	—	—	—	—	—
		5 th Week	5	Line, Surface integrals	—	—	—	—	—	—	—	—	—	—
February	2022	1 st Week	4	* Volume integrals	General Applications	—	—	—	—	Assignment	1	Yes	—	—
		2 nd Week	4	Green's Theorem & Application	—	—	—	—	—	—	—	—	—	—
		3 rd Week	5	Gauss Divergence & Application	—	Quiz	1	Yes	—	—	—	—	—	—
		4 th Week	5	Stokes's theorem & Application	—	—	—	—	—	—	—	—	—	—
		5 th Week	1	Revision.	—	Unit test	1	Yes	—	—	—	—	—	—

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Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
31-01-2022 Monday		I MPCs	1	Theory	classical Form of Equations	lecture	14	Test Book	—	—
		II MPC								
		P-5 MPCs	3	Theory	Problems on Volume integrals	lecture	20	Test Book	—	—
01-02-2022 Tuesday		III MPC								
		P-5 MPCs	1	Theory	Volume Integral Problems	lecture	20	Test Book	—	—
		I MPCs	2	Theory	classical Form of Equations	lecture	10	Test Book	—	—
02-02-2022 Wednesday		II MPCs								
		P-5 MPCs	1	Theory	Matrices Introduction	lecture	10	Test Book	—	—
		III MPC & P-5 MSC	3	Theory	Gauss's divergence theorem	lecture	21	Test Book	—	—
		II MPCs	4	Theory	Stokes's theorem	lecture	14	Test Book	—	—

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Teaching Notes

Subject / Paper	Mathematics - paper - V - Ring Theory & Vector Calculus
Name of the topic	Applications of Vector Integration.
Hours required	09
Learning objectives	Students can apply Green's, Gauss, and Stokes's
Previous knowledge to be reminded	Vector differentiation & vector integration

Synopsis :

Gauss Divergence Theorem:

If $\vec{F}$ is a continuously differentiable vector point function in a region V and S is a closed surface enclosing V , then

$$\int_S \vec{F} \cdot \vec{n} \, dS = \int_V \text{div } \vec{F} \, dV.$$

where $\vec{n}$ is the unit outward drawn normal vector to the surface.

Green's Theorem:

If P and Q are two continuously differentiable point functions such that then $\oint_C (Pdx + Qdy) = \iint_S \left(\frac{\partial Q}{\partial x} - \frac{\partial P}{\partial y} \right) dx dy.$

Stokes's Theorem:

If $\vec{F}$ is any continuous differentiable vector function and S is a surface enclosed by a curve C , then

$$\int_C \vec{F} \cdot d\vec{r} = \int_S \text{curl } \vec{F} \cdot \vec{n} \, dS.$$

Problem:

① Evaluate $\int (\vec{x}\hat{i} + y\hat{j} + z\hat{k}) \cdot \vec{n} \, dS$ where S is the closed surface bounded by the cone $x^2 + y^2 = z^2$ and the plane $z = 1$

② Evaluate by Stokes's Theorem. $\int (z \sin z \, dx - \cos y \, dy + \sin y \, dz)$ where C is the boundary of the rectangle $0 \leq x \leq \pi, 0 \leq y \leq 1, z = 3$

Examples / Illustrations	
Additional Inputs	M.Sc., B.Ed. Competitive Entrance Exam Books
Teaching Aids used	PPTs, Video lessons
References cited	Vector Calculus by M.P. Raisinghani
Student Activity	Quiz, Assignment
Any other activity	Seminars

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Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
	30-08-2021 Monday									
	31-08-2021 Tuesday	III MECTM	1	T	Revision	Discussion	5	Blackboard		
					Personal work					
		III MECTM	3	T	Revision	Discussion	26	"		
		III MECTM	4	T	Algebra of Convergent Sequences	Lecture	8	"		
					Personal work					
	01-09-2021 Wednesday	III MECTM	1	T	Revision	Discussion	6	"		
					Personal work					
		III MECTM	3	T	Revision	Discussion	6	"		
		III MECTM	4	T	Problems on straight lines	Lecture	24	"		
		III MECTM	5	T	Sandwich Theorem	Lecture	7	"		

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Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
	29.11.2021 Monday				Personal work					
		III MPCS	2	T	Revision	Discussion		Classroom		
		III MPCTh	3	T	Theorem on characteristic & ring	Lecture		"		
					Personal work					
	30.11.2021 Tuesday				Personal work					
		III MPCTh	1	T	characteristic of an integral domain	Lecture		"		
					Personal work					
					Preparation					
		II MPCs	4	T	Revision	Discussion		"		
					Personal work					
		III MPCTh	1	T	Basis of a vector space					
					Personal work					
	01.12.2021 Wednesday				Personal work					
		III MPCTh	3	T	Subgroups	Lecture		"		
					Personal work					
		III MPCc	5	T	preparation holidays					

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S. Ghosh

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Teaching Notes

Subject / Paper	Mathematics paper - III
Name of the topic	Subgroups
Hours required	12
Learning objectives	After completion of this topic, students will be able to find out subgroups and of a groups
Previous knowledge to be reminded	Groups

Synopsis :

Subgroup: A non-empty subset H of a group G is said to be a subgroup of G if H is also a group w.r.t the same operation as in G

* A non-empty subset H of a group G is a subgroup of G iff

$$a, b \in H \Rightarrow ab \in H \text{ and } a \in H \Rightarrow a^{-1} \in H$$

* A non-empty subset H of a group G is a subgroup of G iff

$$a, b \in H \Rightarrow ab^{-1} \in H$$

* A non-empty subset H of a finite group G is a subgroup of G

$$\text{iff } a, b \in H \Rightarrow ab \in H$$

* H is a subgroup of G then $H = H^{-1}$

* H is a subgroup of G then $HH = H$

* H is a subgroup of G then $HH^{-1} = H$

Examples / Illustrations	$(\mathbb{Z}, +)$ is a subgroup of $(\mathbb{Q}, +)$
Additional Inputs	
Teaching Aids used	Blackboard, Chalkpiece
References cited	Topics in Algebra By I. N. Herstein
Student Activity	
Any other activity	Self test and Assignment

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Teaching Notes

Subject / Paper	
Name of the topic	
Hours required	
Learning objectives	
Previous knowledge to be reminded	

Synopsis :

Linearly Independent set : Let $S = \{\alpha_1, \alpha_2, \dots, \alpha_n\}$ be a subset of a vector space $V(F)$. Then S is said to be linearly independent if there exists $a_1, a_2, \dots, a_n \in F$ such that

$$a_1\alpha_1 + a_2\alpha_2 + \dots + a_n\alpha_n = \vec{0} \text{ then } a_1 = a_2 = \dots = a_n = 0$$

Linearly Dependent set : Let $S = \{\alpha_1, \alpha_2, \dots, \alpha_n\}$ be a subset of a vector space $V(F)$. Then S is said to be linearly dependent if there exists $a_1, a_2, \dots, a_n \in F$ (not all zero) such that

$$a_1\alpha_1 + a_2\alpha_2 + \dots + a_n\alpha_n = \vec{0}$$

- Any subset of a linearly dependent set is linearly dependent.
- Any subset of a linearly independent set is linearly independent.
- A set $S = \{\alpha_1, \alpha_2, \dots, \alpha_n\}$ is linearly dependent iff every vector α_k ($2 \leq k \leq n$) can be expressed as a linear combination of its preceding vectors.

Examples / Illustrations	
Additional Inputs	
Teaching Aids used	
References cited	
Student Activity	
Any other activity	


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Teaching Notes

Subject / Paper	Mathematics - Paper - IV
Name of the topic	Riemann Integration
Hours required	12p.
Learning objectives	Students can able to define and Riemann integration and find integration of a function
Previous knowledge to be reminded	limit, Continuity, Derivability of a function

Synopsis :

Riemann partition of a closed interval.

Let $I = [a, b]$ be a finite closed interval. If $a = x_0 < x_1 < \dots < x_{n-1} < x_n = b$, then the finite ordered set $P = \{a = x_0, x_1, x_2, \dots, x_{n-1}, x_n = b\}$ then the finite sub-interval of $[a, b]$.

$I_x = [x_{x-1}, x_x]$ be the x^{th} sub-interval of $[a, b]$.

$$\delta_x = x_x - x_{x-1}.$$

The maximum length of the sub-interval is called Norm of the partition.

$L(P, f)$ = Lower & upper Riemann Sums.

$$L(P, f) = \sum_{x=1}^n m_x \delta_x \quad \& \quad U(P, f) = \sum_{x=1}^n M_x \delta_x.$$

Lower Riemann Integral:

$$\int_a^b f(x) dx = \sup \{ L(P, f) : P \in \mathcal{P}[a, b] \}.$$

Upper Riemann Integral:

$$\int_a^b f(x) dx = \inf \{ U(P, f) : P \in \mathcal{P}[a, b] \}$$

Riemann Integral:

A bounded function f is said to be Riemann-integrable on $[a, b]$. if it is. lower and upper Riemann integrals are equal.

$$\int_a^b f(x) dx = \int_a^b f(x) dx.$$

Examples / Illustrations	
Additional Inputs	Competitive Exam Bkts.
Teaching Aids used	PPT, Video lessons.
References cited	Elements of Real Analysis. - Shanti Narayana
Student Activity	Quiz, Seminar
Any other activity	Assignments.

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :					Class & Year :					Semester :						
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity					Remarks	
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date			
	Feb 2022	1 st Week	05	Matrix of linear Transformation	Elementary Properties	Student Seminar	01	Yes	-	-	-	-	-			
		2 nd Week	04	Transition Matrix of linear transformation	Matrices											
		3 rd Week	05	Inner Product Space	Basic concepts											
		4 th Week	04	Orthogonality	Vectors	Quiz	01	Yes	-	-	-	-	-			
		5 th Week														
	March 2022	1 st Week	05	L.C, linearly I.D, D vectors (Revision)	Basic concept of vectors											
		2 nd Week	05	Basis and Dimension (Revision)	Properties of dimension											
		3 rd Week														
		4 th Week														
		5 th Week														

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :

Class & Year :

Semester :

Name of the Lecturer :					Class & Year :					Semester :				
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	March 2022	1 st Week	06	Higher Order LDE with Non constant coefficients	Basic concept									
		2 nd Week	05	By the method of variation of Parameter	Integration	MID Examination	03	Yes	—	—	—	—	—	
		3 rd Week	06	Cauchy's Euler Equation	Derivatives									
		4 th Week	06	Legendre's equation	Derivatives									
		5 th Week												
	April 2022	1 st Week	06	General solution of D-E with + Ndy + Q dx into integrating factor (homogeneous)	Algebraic on	—	—	—	—	Group discussion	01	Yes	—	
		2 nd Week	05	Linear and Bernoulli's differential equations	Trigonometry									
		3 rd Week	06	General solution of 1 st order equations. Ex: 2.1, 2.2, 2.3, 2.4	Trigonometry	—	—	—	—	Student Seminar	01	Yes	—	
		4 th Week	05	Variation of parameter and Cauchy's Euler equation (homogeneous)	Derivatives									
		5 th Week												

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :

Class & Year :

Semester :

S. No	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	Feb 2023	1 st Week	06	Line Integral	Integrations									
		2 nd Week	05	Surface Integral	Differential	NOT		Yes	-	-		-	-	
		3 rd Week	05	Volume Integral	Basic concepts	-	-	-	-	Assignment	01	Yes	-	-
		4 th Week	04	Green theorem and applications	Integrations									
		5 th Week												
	Mar 2023	1 st Week	06	Stokes theorem	Integrations	-	-	-	-	Student				
		2 nd Week	05	Applications	Basic concepts	-	-	-	-	01	Yes	-	-	
		3 rd Week												
		4 th Week												
		5 th Week												

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Teaching Diary

Teaching Diary										
S. No.	Date / day	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
					30.12.21 CL					
					31.12.21 CL					
					01.01.2022 New Year					
					02.01.2022 Sunday					
		INSCs (EM)	I	Theory	Solved Problems on Solvable for y	Lecture method	29	Slide & Projector		
	03.01.22 Mon	III MPDs (EM)	III	Theory	Preparing for the MC class					
					Explained theorems on Partial differentiation		12			
					Paper collection with					
					Departments with					
		III MPDs (EM)	I	Theory	Explained theorems on Partial differentiation		13			
		INSCs (EM)	II	Theory	Explained Clairaut's Equation	Lecture method	26	Slide & Projector		
	04.01.22 Tue				Preparing for the MC class					
					Preparing for the MC class					
					Assignment collection with					

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S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
29.01.22	Sat	I MScA (Em)	I	Theory	Solved problems on Cards	Lecture method	16	Blackboard		
		III MPA (Em)	II	Theory	Solved problems on volume of sphere		16			
		I MScA (Em)	III	Theory	Solved problems on Higher Order DE		16			
		III MPC (Em)	IV	Theory	Explained Rank-Nullity theorem		8			
31.01.22	Mon	I MScA (Em)	I	Theory	Preparing for JSC class					
		II MScA (Em)	II	Theory	Solved problems on higher order DE - theory	O-A method	21			
		III MPA (Em)	III	Theory	Solved problems on Subgroups		20			
				Theory	Explained Green's theorem		9	Diagram		
01.02.22	Tue				Preparing for JSC class					
		III MPA (Em)	I	Theory	Preparing for JSC class					
		II MScA (Em)	II	Theory	Solved problems on Green's theorem		11			
				Theory	Explained theorem on Ca-Schwarz	Lecture method	21	Diagram		
		I MScA (Em)	IV	Theory	Preparing for JSC class					
				Theory	Solved problems on Higher Order linear diff equations with constant coeff + ODE - 2nd order		22			
					Assignment collection work					

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Teaching Diary

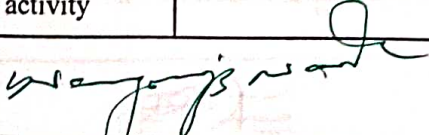
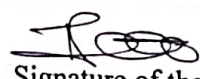
S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
29.04.22 for		Cluster	II	Theory	Preparing for the exam class					
		Cluster	III	Theory	Solved problems on Project with	Handwritten		Cluster Display		
		IMSCA (Em)	IV	Theory	Solved problems on project with	Handwritten				
					Cauchy's rule questions (Revision)	19	19			
30.04.22 Sat					Department work					
					Preparing for the exam class					
		Elective	II	Theory	Solved problems on Laplace transforms	Handwritten	9469			
					Preparing for the exam class					
01.05.22 Sun		Cluster	IV	Theory	Discuss about project work		6532			
		IMSCA (Em)	V	Theory	Explained overall Differential Equations method	B-A	19	Black board		
					May Day					

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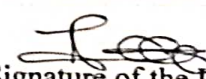
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Teaching Notes

Subject / Paper	Mathematics Paper - V
Name of the topic	Vector Integration Applications
Hours required	15
Learning objectives	State and Prove Gauss divergence theorem, Green's theorem and Stoke's theorem
Previous knowledge to be reminded	Integration
Synopsis : <u>Gauss Divergence theorem</u> : Let S be a closed surface enclosed a volume V. If $\vec{F}$ is continuously differentiable vector point function, then $\int_V \text{div } \vec{F} \, dV = \int_S \vec{F} \cdot \vec{N} \, dS$ where $\vec{N}$ is outward drawn unit normal vector at any point of S. <u>Green's theorem</u> :- Let S be a closed region in xy-plane enclosed by a curve C. Let P and Q be continuous and differentiable scalar functions of x and y in S. Then $\oint_C (P \, dx + Q \, dy) = \iint_S \left(\frac{\partial Q}{\partial x} - \frac{\partial P}{\partial y} \right) dx \, dy$ The line integral being taken around C, such that S is on the left as one advances along C. <u>Stoke's theorem</u> :- Let S be a surface bounded by a closed, non-intersecting curve C. If $\vec{F}$ is any differentiable vector point function, Then $\oint_C \vec{F} \cdot d\vec{r} = \int_S \text{Curl } \vec{F} \cdot \vec{N} \, dS$	
Examples / Illustrations	$\int_V [\nabla^2 g + \nabla f \cdot \nabla g] \, dV = \int_S (f \nabla g) \cdot \vec{N} \, dS$
Additional Inputs	Entrance Examination Rite
Teaching Aids used	Black board, Chalk and Duster
References cited	S- Chand
Student Activity	Seminars, Assignments
Any other activity	
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Teaching Notes

Subject / Paper	Mathematics, Paper - III (Abstract Algebra)
Name of the topic	Ring.
Hours required	10
Learning objectives	Define the concept of Ring, give some examples of Ring
Previous knowledge to be reminded	Algebraic Structure
Synopsis: Ring: - Let 'R' be a non-empty set and '+, .' are two binary operations on R. Then $(R, +, .)$ is said to be a Ring, if $(R, +)$ is an abelian group $(R, .)$ is a semi group - Distributive laws hold Integral Domain: - A Ring $(R, +, .)$ is said to be an Integral Domain if, - It is commutative - It has unity - It has no zero divisors. Field: - A Ring $(R, +, .)$ is said to be Field, if - It is commutative - It has unity - Every non zero element in R has multiplicative Inverse Characteristic of a Ring: - The characteristic of a Ring R is defined as the least positive integer n such that $na = 0 \forall a \in R$ a positive integer n does not exist, then the characteristics of a Ring R is '0' (or) Infinite.	
Examples / Illustrations	$(\mathbb{Z}, +, .), (\mathbb{Q}, +, .)$ are Rings
Additional Inputs	NISc Entrance bits
Teaching Aids used	Chalk and Duster
References cited	S-Chand, Deepthi publications
Student Activity	Seminars, Quiz Competition
Any other activity	
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Teaching Notes

Subject / Paper	Mathematics, Paper-VI (Laplace transform)
Name of the topic	Inverse Laplace transform - II
Hours required	12 hours
Learning objectives	Students learnt the concept of inverse Laplace transform and solving problems
Previous knowledge to be reminded	Differentiation and integration

Synopsis: Division by 'p' property of inverse Laplace transform:-

$$\text{If } \mathcal{L}\left\{\int_0^t f(u) du\right\} = \frac{f(p)}{p} \text{ then } \mathcal{L}^{-1}\left\{\int_0^t F(u) du\right\} = \mathcal{L}^{-1}\left\{\frac{f(p)}{p}\right\}$$

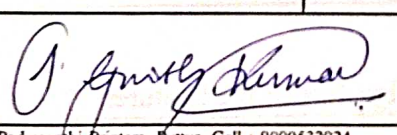
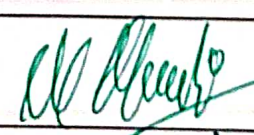
$$\Rightarrow \mathcal{L}^{-1}\left\{\frac{1}{p} f(p)\right\} = \int_0^t F(u) du, \text{ i.e., } \mathcal{L}^{-1}\left\{\frac{1}{p^2} f(p)\right\} = \int_0^t \int_0^t F(u) du du$$

Inverse Laplace transform of derivatives:-

$$\mathcal{L}^{-1}\{f(p)\} = -\frac{1}{t} \mathcal{L}^{-1}\{f'(p)\}.$$

Heaviside Expansion formula:- Suppose $\deg f(p) < \deg g(p)$ if $g(p) = (p-\alpha_1)(p-\alpha_2)\dots(p-\alpha_n)$ are the distinct linear factors product and if $\alpha_1, \alpha_2, \dots, \alpha_n$ are distinct zeros of $g(p)$ then $\mathcal{L}^{-1}\left\{\frac{f(p)}{g(p)}\right\} = \frac{f(\alpha_1)}{g'(\alpha_1)} e^{\alpha_1 t} + \frac{f(\alpha_2)}{g'(\alpha_2)} e^{\alpha_2 t} + \dots + \frac{f(\alpha_n)}{g'(\alpha_n)} e^{\alpha_n t}.$

Convolution theorem:- If $F(t)$ and $G(t)$ are two class A functions are in convolution, then it is denoted by $F * G$ and it is defined as $F * G = \int_0^t F(u) G(t-u) du$
 $= \int_0^t F(t-u) G(u) du.$

Examples / Illustrations	
Additional Inputs	RED Entrance exam bit
Teaching Aids used	Chalk and Duster
References cited	S. Chand
Student Activity	Quiz competitions, Group Discussions.
Any other activity	
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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :					Class & Year :					Semester :					Name of the Department :
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks	
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date		
	Jan 2024	1 st Week	05	Consolidation Session	Formulae	Student Seminar	01	Yes	-	-	-	-	-	-	
		2 nd Week	05	Finite Fourier Transform	Formulae	-	-	-	-	Assign ment	01	Yes	-	-	
		3 rd Week													
		4 th Week													
		5 th Week													
	Nov	1 st Week	05	Consolidation Session	Formulae	Student Seminar	01	Yes	-	-	-	-	-	-	
		2 nd Week	05	Finite Fourier Transform	Formulae	-	-	-	-	Assign ment	01	Yes	-	-	
		3 rd Week													
		4 th Week													
		5 th Week													



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Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
06.04.24 Sat		I BSc Hon	I	Theory	Solved problems on P.F. - intensity for	Lecture method	06	Slide	Previous knowledge	
			II		Preparing for II BSc class					
		II MPCS	III	Theory	Explained the stress on differentiability	Lecture method	06			
			IV		Preparing for I BSc class					
07.04.24 Sun			V		Paper correction work					
		07.04.24			CONDAY					
					Preparing for II BSc class					
08.04.24 Mon		II MPCS		I	Conducted Group discussion on General topic	Lecture method	06		Group discussion	
		I BSc Hon		II	Students went to Field trip at Annamalai		10		Field trip	
09.04.24 Wed					Preparing for II BSc class					
		I BSc Hon		III	Solved problems on orthogonal trajectories	Lecture method	08			
					Preparing for I BSc class					
		II MPCS		IV	Solved problems on Lagrange Theorem	Lecture method	07			
10.04.24 Wed					Preparing for I BSc class					
					Preparing for II BSc class					
					Preparing for I BSc class					
					Preparing for II BSc class					

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Teaching Notes

Subject / Paper	Mathematics, Paper - IV (Real analysis)
Name of the topic	Riemann Integration
Hours required	14 Hours
Learning objectives	Students can able to define Riemann integration and find integration of function
Previous knowledge to be reminded	Derivatives

Synopsis :

Partition of a closed interval : Let $I = [a, b]$ be a finite closed interval. If $a = x_0 < x_1 < x_2 < \dots < x_{n-1} < x_n = b$

Then the finite order set $P = \{a = x_0, x_1, x_2, \dots, x_{n-1}, x_n = b\}$

$I_r = [x_{r-1}, x_r]$ be the r th sub interval of $[a, b]$, $\delta_r = x_r - x_{r-1}$

The maximum length of the sub-interval is called Norm of the partition.

Lower and Upper Riemann Sum :-

$$L(P, f) = \sum_{r=1}^n m_r \delta_r \quad \text{and} \quad U(P, f) = \sum_{r=1}^n M_r \delta_r$$

Lower Riemann Integral :

$$\int_a^b f(x) dx = \sup \{L(P, f) : P \in \mathcal{P}[a, b]\}$$

Upper Riemann Integral : $\int_a^b f(x) dx = \inf \{U(P, f) : P \in \mathcal{P}[a, b]\}$

Riemann Integral : A bounded function f is said to be Riemann integrable on $[a, b]$ if it is lower and upper bounded Riemann integrals are equal

$$\int_a^b f(x) dx = \int_a^b f(x) dx$$

Examples / Illustrations	
Additional Inputs	Competative exam bit
Teaching Aids used	S-chand, Black board
References cited	Element of Real analysis
Student Activity	Assignment
Any other activity	

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Annual Curriculum Plan : 2021 - 2022

3-5-1110 3-5-1110
D.A.M.S

Name of the College :

SVA Chaitanya Degree College (M)

Name of the Department :

Computer Science

Name of the Lecturer : B. SATISH KUMAR					Class & Year : III BSc III year				Semester : I					
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co- Curricular Activity				Remarks
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	October	1 st Week												
		2 nd Week												
		3 rd Week												
		4 th Week	3+3	Overview of DBMS, Introduction		Theory & practical	6	yes	-	-				
		5 th Week	1	DBMS, Objectives of DBMS		Theory	1	yes	-	Se m	1	yes		Ca
	November	1 st Week	3+3	Adv. structures, components, data base architecture		Theory & practical	6	yes	-	-				See
		2 nd Week	3+3	DBMS vendors, product ERM model		Theory & practical	6	yes	-	Assignment	1	yes		See
		3 rd Week	3+3	Relational database FR with R, attributes classification		Theory & practical	6	yes	-	-				See
		4 th Week	3+3	Relational database, normalization, EER Model, generalization	Virtual class Room	Theory & practical	6	yes	-	-				See
		5 th Week	3+3	Relational database, generalization, aggregation, comparison, primary clusters	Virtual class room	Theory & practical	4	yes	-	-				See

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :					Class & Year :	Semester :								Remarks
B. SATHI					III BSc M.P.L.S.M.S.L	V Semesters								
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co- Curricular Activity				
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	December	1 st Week	2+3	Normal, join, 1NF, 2NF, 3NF, 4NF	Upload Class Room	Theory & practical	2	yes	-					Se
		2 nd Week	3+3	Objective of DDM, Redundancy anomalies		Theory & practical	6	yes	-	Quiz	1	yes		Se
		3 rd Week	3+3	SQL Command, Datatype, DDL, Selection		Theory & practical	6	yes	-					Se
		4 th Week	3+3	Projection, Aggregate functions, DMC,		Theory & practical	6	yes	-					Se
		5 th Week	3+3	Modification command, Triggers, for join, SQL Sub Query, Embedded SQL		Theory & practical	6	yes	-					Se
	January	1 st Week	3+3	Relational algebra - Advantages.		Theory & practical	6	yes	-					Se
		2 nd Week	2+3	Limitations of Relational algebra		Theory & practical	5	yes	-	Quiz	2	yes		Se
		3 rd Week	3+3	PL/SQL Introduction, Structure of PL/SQL,		Theory & practical	6	yes	-					Se
		4 th Week	2+3	PL/SQL element Datatype, Operators, Precedence, Functions		Theory & practical	5	yes	-					Se
		5 th Week	1+3	Control Structures, Loops, Cursors		Theory & practical	4	yes	-					Se

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Annual Curriculum Plan : 2021 - 2022

Name of the College : SUA

Name of the Department :

Name of the Lecturer : B. SATISH					Class & Year :					Semester :				
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co- Curricular Activity				Remark
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	Nov & Dec	Nov 30 1 st Week	0 + 1	Introduction to computer		Theory	1	yes						Se
			4 + 2	Application of computers		Theory & practical	6	yes	—					Se
		2 nd Week	4 + 2	Types of computer, generation		Theory & practical	6	yes	—					Se
		3 rd Week	4 + 2	Algorithm, flowchart		Theory & practical	6	yes	—					Se
		4 th Week	4 + 2	Generation of PLS		Theory & practical	6	yes	—		2 hrs	yes		Se
			4 + 2	Structured programming language		Theory & practical	6	yes	—					Se
		5 th Week	4 + 2	Design & Implementation		Theory & practical	6	yes	—					Se
			2	Main module programs		Theory & practical	2	yes	—					Se
				Structure of C programming		Theory & practical	6	yes	—					Se
				Compiling & executing program		Theory & practical	6	yes	—					Se
	January	1 st Week	4 + 2	Comments, keywords		Theory & practical	6	yes	—					Se
		2 nd Week	4 + 2	Identifiers, constants		Theory & practical	6	yes	—					Se
		3 rd Week	4 + 2	Variables, I/O statements		Theory & practical	6	yes	—					Se
		4 th Week	4 + 2	Operator inc.		Theory & practical	6	yes	—					Se
		5 th Week	4 + 2	Decision control & Loop statements		Theory & practical	6	yes	—		2 hrs	yes		Se
			2	Array Introduction		Theory & practical	2	yes	—					Se
				Declaration, Accessing		Theory & practical	2	yes	—					Se
				Operations on arrays		Theory & practical	2	yes	—					Se

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Annual Curriculum Plan : 2021 - 2022

Name of the College : BVA Degree College (MCR)

Name of the Department : Computer Science

Name of the Lecturer : B-Satish Kumar

Class & Year :

Semester :

S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	
	February	1 st Week	4+2	1D & 2D arrays		Theory & practical	6	yes	-					See
		2 nd Week	4+2	Functions		Theory & practical	6	yes	-					See
		3 rd Week	4+2	Function call, passing parameters		Theory & practical	6	yes	-					See
		4 th Week	4+2	Scope, static & dynamic		Theory & practical	6	yes	-	Quiz	1	yes		See
		5 th Week	4+2	Recursion		Theory & practical	6	yes	-					See
	March	1 st Week	4+2	Arrays		Theory & practical	6	yes	-					See
		2 nd Week	4+2	Pointers		Theory & practical	6	yes	-	Seminar	1	yes		See
		3 rd Week	4+2	Pointers, declaring variables		Theory & practical	6	yes	-					See
		4 th Week	4+2	Pointers, arithmetic & logical		Theory & practical	6	yes	-					See
		5 th Week	4+2	Pointers, passing arrays & function calls		Theory & practical	6	yes	-					See
				Pointers, arrays, memory allocation & deallocation		Theory & practical	6	yes	-					See
				File handling concepts		Theory & practical	2	yes	-					See
				C++ language		Theory & practical	2	yes	-					See

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Annual Curriculum Plan : 20 - 20

Subject: Computer Science

Name of the College : SVA Deemed College

Name of the Department : Computer Science

Name of the College : <u>SATYA DEVI College</u>					Name of the Department : <u>BSC MPLS & MCA</u>					Semester : <u>6</u>					
Name of the Lecturer : <u>B SATISH KUMAR</u>					Class & Year : <u>III BSC MPLS & MCA</u>					Co- Curricular Activity					Remarks
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date		
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date						
	April	1 st Week													
		2 nd Week	4+2	Introduction, uses of com network <u>network</u> <u>software</u>			6	yes	-	-	-	-	-		su
		3 rd Week	4+2	<u>network</u> <u>software</u>			6	yes	-	-	-	-	-		su
		4 th Week	4+2	<u>Examples</u> <u>protocols</u> <u>Reference Models</u>			6	yes	-	seminar	1	yes			su
		5 th Week	2	<u>physical</u> <u>layers</u>			2	yes		-	-	-			su
	May	1 st Week	4+2	<u>Theoretical Basis</u> <u>for</u> <u>OC</u> <u>Coded</u> <u>transmission</u> <u>Media</u>			6	yes	-	Assignment	1	yes			su
		2 nd Week	4+2	<u>Accessories</u> <u>to</u> <u>communication</u> <u>person</u>			6	yes	-	-	-	-			
		3 rd Week	4+2	<u>The</u> <u>Digital</u> <u>Link</u> <u>Cables</u> <u>Person</u> <u>error</u> <u>detection</u>			6	yes	-	-	-	-			su
		4 th Week	4+2	<u>Shielding</u> <u>twisted</u> <u>pair</u> <u>MAC</u> <u>Subsys</u> <u>Channel</u>			6	yes	-	-	-	-			su
		5 th Week	2+2	<u>MAC</u> <u>or</u> <u>Switching</u>			6	yes	-	-	-	-			su

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer :

Class & Year :

Semester :

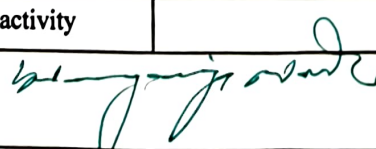
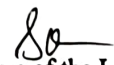
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Curricular Activity				Co- Curricular Activity			
						Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date
	June	1 st Week	4+2	Network layer, Design Issues, Routing Algorithms		Theory practical	6	yes					
		2 nd Week	4+2	Congestion control algorithms, Quality of Service		Theory & practical	6	yes					
		3 rd Week	4+2	Inter network layer, The N/w layer in the Internet		Theory & practical	6	yes		Assignment	1	yes	
		4 th Week	4+2	Unit -10 The Transport layer elements of		Theory practical	6	yes					
		5 th Week	1+1	Transport protocols, Congestion Control Algorithms		Theory practical	2	yes					
	July	1 st Week	4+2	The Internet Transport protocols, The Internet		Theory practical	6	yes		Quiz	1	yes	
		2 nd Week	4+2	Transport protocols, TCP, D.T.N		Theory practical	6	yes					
		3 rd Week	4+2	The Application layer, DNS, The DNS		Theory practical	6	yes					
		4 th Week	4+2	Electronic mail, The WWW, Applications, Addressing		Theory practical	6	yes					
		5 th Week	2+2	Content delivery, Peer to peers		Theory practical	4	yes					

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Teaching Notes

Subject / Paper	Database Management Systems
Name of the topic	Cursors & Triggers
Hours required	6 Hrs
Learning objectives	Types of triggers
Previous knowledge to be reminded	File & Cursor presentation
Synopsis : Triggers : Part of trigger 1. Triggering event or statement 2. A trigger restriction 3. A trigger action <u>Types of trigger</u> 1. On the basis of type of events - trigger on system events - trigger on user events 2. On the basis of the level at which triggers are executed - - Row level trigger - statement level trigger 3. On the basis of types of triggers / firing of triggering transaction - Before triggers - After triggers, - Instead of	
Examples / Illustrations	Triggers created
Additional Inputs	Different programs given
Teaching Aids used	System, PPT
References cited	
Student Activity	
Any other activity	
  Signature of the Lecturer	

Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
28	22/10/21	III MPU MSC	10-11	T P	ANSI Model of DBMS	Lecture	28	Blackboard	Attending	Jan
		III MPU MSC	4	T	Software Engineering Introduction	Lecture	20	Blackboard	Attending	In class room
		I BSC	5	T	Tree Traversal Techniques	Lecture	29	Blackboard	Attending	In class room
29	28/10/21	I MPU MSC	1	T	DBMS Models, Network, Relational, Hierarchical	Lecture	26	Blackboard	Attending	In class room
		I MPU MSC	4	T	Graph Representation techniques	Lecture	31	Class room	Attending	Blackboard
30	29/10/21	I BSC	1	P	Sorting algorithms.	Practical	14	Lab	Implemental	
		I BSC	2	P	polynomial addition -	practical	14	Lab	Implemental	
		I MPU MSC	3	T	Components of DBMS	Lecture	18	Blackboard	Attending	In class room

Signature of the Lecturer

Signature of the Department Incharge

Signature of the Principal

Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
	23-05-22	IBSA	II	theory	matrix	Lecture	15	PPT	Q&A	
	24-05-22	IBSA	I	theory	matrix	"	14	PPT	Q&A	
		IBSA	II	theory	matrix	"	09	PPT	Q&A	
	25-05-22	IBSA	II	theory	matrix	"	09	PPT	Q&A	
		IBSA	II	theory	matrix	"	10	PPT	Q&A	

Signature of the Lecturer

Signature of the Department Incharge

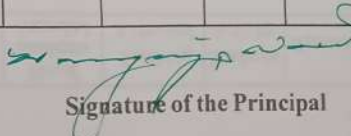
Signature of the Principal

Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
	29-04-22	B.A	I	Theory	Significance of communication	Lecture	10	PPT	Group	
		B.A	II	"	features of mass communication	"	12	PPT	Group	
		B.A	III	"						
		B.A	IV	"	photo education and	"	08	PPT	Group	
	30-04-22	B.A	V	"	public relations	"	06	PPT	Group	
	02-05-22									
		B.A	VI	Theory	public relations	Lecture	10	PPT	Group	


Signature of the Lecturer

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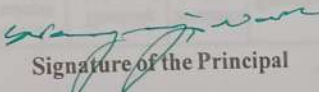

Signature of the Principal

Teaching Diary

S. No.	Date / day	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids used	Students Activity	Remarks
	24-05-22	8 th Std	II	Theory	M.M. Gandhi's contribution - Present	Lecture	07	PPT / Board / Map		
		8 th Std	III	4	Classification of countries having waterborne diseases	"	09	PPT / Board / Map		
		8 th Std	IV	4	Human Relations Theory	"	06	PPT / Board / Map		
		8 th Std	V	4	Algorithm of Social Work	"	09	PPT / Board / Map		
	24-05-22	8 th Std	II	4	Human Relations Theory	"	09	PPT / Board / Map		
		8 th Std	III	4	Classification of countries having	"	07	PPT / Board / Map		
		8 th Std	IV	4	Algorithm of Social Work	"	09	PPT / Board / Map		
	25-05-22 to 12-06-22									
	Summer vacation									


Signature of the Lecturer

Signature of the Department Incharge


Signature of the Principal

TEACHING DIARY

Topics Covered

Day & Date	Hour & Class	Topics Covered
	I hr.	
	II hr.	
27-08-20 THURSDAY	III hr.	Mann - Political Ideay
	IV hr.	History of the Indian constitution
	V hr.	
	I hr.	Aspirate Ideal State
	II hr.	
28-08-20 FRIDAY	III hr.	Mann - political ideay
	IV hr.	drafting committee
	V hr.	
	I hr.	Aspirate - classification of Govt.
	II hr.	Commencement of the constitution
29-08-20 SATURDAY	III hr.	
	IV hr.	
	V hr.	
30-08-20 SUNDAY		Mann - political ideay
		Holiday

TEACHING DIARY

Topics Covered

Day & Date	Hour & Class	Topics Covered
	I hr.	
	II hr.	
31-08-20 MONDAY	III hr.	Preamble - Introduction
	IV hr.	
	V hr.	Mann - political ideay
	VI hr.	Aspirate Theory of Ideay
		Source of the constitution
	I hr.	
	II hr.	
01-09-20 TUESDAY	III hr.	Kantilya - Introduction
	IV hr.	
	V hr.	Aspirate Theory of Revolution
	VI hr.	Preamble - Sovereign, Socialist
		Secular
	I hr.	
	II hr.	
02-09-20 WEDNESDAY	III hr.	Kantilya - Introduction
	IV hr.	
	V hr.	

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TEACHING DIARY

Day & Date	Hour & Class	Topics Covered
28-01-21 THURSDAY	I hr.	
	II hr.	
	III hr.	
	IV hr.	
	V hr.	
29-01-21 FRIDAY	I hr	III BA M.K Gandhi - Introduction
	II hr	
	III hr	III BA Direct Democracy - Rousseau
	IV hr	III BA Basic Structure Theory
	V hr	III BA Comparison of
30-01-21 SATURDAY	I hr	III BA M.K Gandhi - Empowerment women
	II hr	III BA Basic structure theory
	III hr	III BA
	IV hr	
	V hr	III BA Direct Democracy - Rousseau
31-01-21 SUNDAY		Holiday

TEACHING DIARY

Day & Date	Hour & Class	Topics Covered
01-02-21 MONDAY	I hr.	
	II hr.	III BA Role of Higher Judiciary
	III hr.	III BA Political Science Introduction
	IV hr.	III BA M.K Gandhi - Means by Ends
	V hr.	III BA Jeremy Bentham - Introduction
02-02-21 TUESDAY	I hr	III BA Political Science - Introduction
	II hr	III BA Nehru - Introduction
	III hr	
	IV hr	III BA Jeremy Bentham - Utilitarianism
	V hr	III BA Supreme court - comparison
03-02-21 WEDNESDAY	I hr	III BA Comparison of Supreme court
	II hr	III BA Political Science presentation
	III hr	III BA Jeremy Bentham Utilitarianism
	IV hr	
	V hr	

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