TEACHING PLAN

Subject / Paper :	Mathematics – paper - V
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

$$\int_C \bar{F} \cdot d\bar{r} \quad \text{or} \quad \oint_C \bar{F} \cdot d\bar{r}$$

Surface integral

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

$$\int_S \bar{F} \cdot \bar{N} \, ds$$

Volume Integral:

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

$$\int_V F \, dV.$$

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

Signature of the Lecturer

TEACHING PLAN

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

Synopsis

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

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

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

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

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

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

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 $f(a)$ & $f(b)$.

Examples / Illustations	
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
	31-10-2019	THU		0								
			I. B.Sc	I	T.M.	Theory	Revision	Lecture	20	Text Book		
			II. B.Sc	II	T.M.	Theory	Revision	Lecture	20	Text Book		
			III. B.Sc	III	T.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								
				III								
			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			← CL →					
				III								
				IV								
				V								

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Signature of the Department I/C

Signature of the Principal

Annual Curricular Plan

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

Name of the Lecturer : M. JAYACHANDRA BABU — Name of the Dept. Mathematics

Class : B.Sc M.P.C, M.P.Cs, M.S.Cs — Year : II (IV Sem) — Paper : Real Analysis

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	Co-Curricular Activity: Activity to be conducted	Hours Allotted	Whether Conducted	If Not. Alternate Date	Remarks
	FEB.	1st Week	2	The derivability of a function										
		2nd Week	5	problems on derivatives						Seminar	1			
		3rd Week	6	Mean Value Theorems		slip test	1			Assignment	1			
		4th Week	6	problems on mean value theorems										
		5th Week	4	Riemann Integration						Assignment	1			
	MARCH	1st Week	2	properties of integral functions										
		2nd Week	4	Mean Value Theorems										
		3rd Week												
		4th Week												
		5th Week												

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TEACHING PLAN

Subject / Paper :	MATHEMATICS – Paper-VIII A
Name of the Topic	Applications to Laplace Transforms
Hours required	12
Learning Objectives	Students will solve partial differential equations using Laplace transforms
Previous knowledge to be reminded	Laplace Transforms

Synopsis

If $Y = Y(x,t)$ then (i) $L\left(\frac{\partial Y}{\partial t}\right) = s\bar{Y}(x,s) - Y(x,0)$

(ii) $L\left(\frac{\partial^2 Y}{\partial t^2}\right) = s^2 \bar{Y}(x,s) - sY(x,0) - Y_t(x,0)$ (iii) $L\left(\frac{\partial Y}{\partial x}\right) = \frac{d\bar{Y}}{dx}$

(iv) $L\left(\frac{\partial^2 Y}{\partial x^2}\right) = \frac{d^2\bar{Y}}{dx^2}$

Solve $\frac{\partial Y}{\partial t} = 2\frac{\partial^2 Y}{\partial x^2}$ where $Y(0,t) = 0 = Y(5,t)$ and $Y(x,0) = 10\sin 4\pi x$

$\frac{\partial Y}{\partial t} = 2\frac{\partial^2 Y}{\partial x^2}$

$\Rightarrow L\left[\frac{\partial Y}{\partial t}\right] = 2L\left[\frac{\partial^2 Y}{\partial x^2}\right]$

$\Rightarrow pY - Y(x,0) = 2\frac{d^2Y}{dx^2}$

$\Rightarrow pY - 10\sin 4\pi x = 2\frac{d^2Y}{dx^2}$

$\Rightarrow \frac{d^2Y}{dx^2} - \frac{p}{2}Y = -5\sin 4\pi x$

Examples / Illustations	$\frac{\partial^2 U}{\partial x^2} - \frac{\partial^2 U}{\partial t^2} = xt \Rightarrow L\left[\frac{\partial^2 U}{\partial x^2} - \frac{\partial^2 U}{\partial t^2}\right] = L[xt]$
Additional inputs	
Teaching Aids used	Blackboard, Chalkpiece
References cited	Integral Transforms By Goyal and Gupta
Student Activity planned after the teaching	Slip test, Assignment, Seminar
Activity planned outside the class room, if any	
Any other activity	

M. Rayee
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TEACHING PLAN

Subject / Paper :	
Name of the Topic	
Hours required	
Learning Objectives	
Previous knowledge to be reminded	

Synopsis

$\frac{d^2y}{dx^2} - \frac{p}{2}y = 0 \Rightarrow (D^2 - \frac{p}{2})y = 0 \Rightarrow y_c = c_1 e^{\sqrt{\frac{p}{2}}x} + c_2 e^{-\sqrt{\frac{p}{2}}x}$

$y_p = \frac{1}{D^2 - \frac{p}{2}}(-5\sin 4\pi x) = \frac{-5}{-16\pi^2 - \frac{p}{2}}\sin 4\pi x = \frac{10}{p+32\pi^2}\sin 4\pi x$

So $y = c_1 e^{\sqrt{\frac{p}{2}}x} + c_2 e^{-\sqrt{\frac{p}{2}}x} + \frac{10}{p+32\pi^2}\sin 4\pi x \rightarrow (1)$

$Y(0,t) = 0 \Rightarrow y(0,p) = 0$ and $Y(5,t) = 0 \Rightarrow y(5,p) = 0$

From (1) $c_1 + c_2 = 0$ and $c_1 e^{5\sqrt{\frac{p}{2}}} + c_2 e^{-5\sqrt{\frac{p}{2}}} = 0 \Rightarrow c_1 = c_2 = 0$

So $y = \frac{10}{p+32\pi^2}\sin 4\pi x$

$\Rightarrow Y = L^{-1}\left[\frac{10}{p+32\pi^2}\right]\sin 4\pi x$

$\Rightarrow Y = 10e^{-32\pi^2 t}\sin 4\pi x$

Examples / Illustations	
Additional inputs	
Teaching Aids used	
References cited	
Student Activity planned after the teaching	
Activity planned outside the class room, if any	
Any other activity	

M. Rayee
Signature of the Lecturer

particular Integral

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

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

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

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

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

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

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

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

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

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

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

G. Jyothi Kumar

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	Remark
				0								
			II MPCs MSCs	I	English	Theory	Revision	Discussion		Blackboard Chalkpiece		
			"	II	"	"	"	"		"		
	31.10.2019	THU	III MPCs MSCs	III	"	"	"	"		"		
				IV			personal work					
			IMPCOM	V	English	Theory	Revision	Discussion		Blackboard Chalkpiece		
				0								
			IIIMPCEM	I	English	Theory	Revision	Discussion		Blackboard Chalkpiece		
				II			Net Browsing					
	01.11.2019	FRI		III			Dept. work					
			IMPCTM	IV	English	Theory	Revision	Discussion		Blackboard Chalkpiece		
			IIIMPCEM	V	"	"	"	"		"		
				0								
				I			personal work					
			III MPCs MSCs	II	English	Theory	Revision	Discussion		Blackboard Chalkpiece		
	02.11.2019	SAT	III MPCs MSCs	III	"	"	"	"		"		
			IIIMPCEM	IV	"	"	"	"		"		
			III MPCs MSCs	V	"	"	"	"		"		

M. Rajesh
Signature of the Lecturer

Signature of the Department I/C

Signature of the Principal

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	1st Week	0	—	—	—	—	—	—	—	—	—	—	—
		2nd Week	5	Divergence & curl of a vector	General Applications	Seminar	1	Yes	—	—	—	—	—	—
		3rd Week	0	—	—	—	—	—	—	—	—	—	—	—
		4th Week	5	Vector identities	General Applications	—	—	—	—	—	—	—	—	—
		5th Week	5	Line, Surface integrals	—	—	—	—	—	—	—	—	—	—
	February 2022	1st Week	4	Volume integrals	General Applications	—	—	—	—	Assignment	1	Yes	—	—
		2nd Week	4	Green's Theorem & Application	-do-	—	—	—	—	—	—	—	—	—
		3rd Week	5	Gauss Divergence & Application	—	Quiz	1	Yes	—	—	—	—	—	—
		4th Week	5	Stoke's Theorem & Application	—	—	—	—	—	—	—	—	—	—
		5th Week	1	Revision.	~~Unit Test~~	Unit Test	1	Yes	—	—	—	—	—	—

J. Amrutha Kumar
Signature of the Lecturer

J. Amrutha Kumar
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
	31-01-2022 Monday	I MPCs	1	Theory	Clairaut's Form of Equations.	Lecture	14	Text Book	—	—
		III MPC P-5 MPCs	3	Theory	Problems on Volume integrals	Lecture	20	Text Book	—	—
	01-02-2022 Tuesday	III MPC P-5 MPCs	1	Theory	Volume Integral problems	Lecture	20	Text Book	—	—
		I MPCs	2	Theory	Clairauts Form of Equations.	Lecture	10	Text Book	—	—
	02-02-2022 Wednesday	III MPCs P-6	1	Theory	Matrices Introduction	Lecture	10	Text Book	Assignment	—
		III MPC & P-5 MSCs.	3	Theory	Gauss's Divergence Theorem.	Lecture	21	Text Book	—	—
		II MPCs.	4	Theory	Orthogonal Projections	Lecture	14	Text 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 Greens, Gauss, and Stokes
Previous knowledge to be reminded	Vector differentiation & Vector integration

Synopsis :

Gauss Divergence Theorem:

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

$$\int_S \bar{F}\cdot\bar{N}\,ds = \int_V \operatorname{div}\bar{F}\,dV.$$

where $\bar{N}$ is the unit outward drawn normal vector to the surface S.

Greens Theorem:

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

Stokes Theorem:

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

$$\int_C \bar{F}\cdot d\bar{r} = \int_S \operatorname{curl}\bar{F}\cdot\bar{N}\,ds.$$

Problem:

① Evaluate $\int_S (x\bar{i}+y\bar{j}+z\bar{k})\cdot\bar{N}\,ds$ 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 Theorem. $\int_C (\sin z\,dx - \cos x\,dy + \sin y\,dz)$ where C is the boundary of the rectangle $0\le x\le\pi$, $0\le y\le 1$, $z=3$.

Examples / Illustrations	
Additional Inputs	M.Sc., B.Ed. Competitive Entrance Exams BITS
Teaching Aids used	PPTs, Video lessons
References cited	Vector Calculus by M.D. Raisinghania
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				O.D					
	31-08-2021 Tuesday	III MPCTM	1	T	Revision	Discussion	5	Blackboard Chalkpiece		
					personal work					
		III MPCEM	3	T	Revision	Discussion	26	"		
		MPCs MSCs II MPCTM	4	T	Algebra of Convergent Sequences	Lecture	8	"		
					personal work					
	01-09-2021 Wednesday	III MPCTM	1	T	Revision	Discussion	6	"		
					personal work					
		III MPCTM	3	T	Revision	Discussion	6	"		
		I MPCs MSCs	4	T	problems in straight lines	Lecture	24	"		
		II MPCTM	5	T	Sandwich Theorem	Lecture	7	"		

M. Jayasri
Signature of the Lecturer

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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
					Personal work					
	29.11.2021 Monday	II MPCS	2	T	Revision	Discussion		Blackboard Chalk		
		III MPCTM	3	T	Theorem on characteristic of a ring	Lecture		"		
					personal work					
					Personal work					
	30.11.2021 Tuesday	III MPCTM	1	T	characteristic of an integral domain	Lecture		"		
					Personal work					
					preparation					
		II MPCS	4	T	Revision	Discussion		"		
					personal work					
	01.12.2021 Wednesday	III MPCEn MPCS	1	T	Basis of a vector space					
					personal work					
		III MPCTM	3	T	Subrings	Lecture		"		
					personal work					
		II MPCS	5	T	preparation holidays					

M. Jayaa

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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 $a, b \in H \Rightarrow ab \in H$ 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 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	Slip 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 $S = \{\alpha_1, \alpha_2 \ldots \alpha_n\}$ be a subset of a vector space $V(F)$ Then S is said to be linearly independent if There exists $a_1, a_2 \ldots a_n \in F$ such that

$a_1\alpha_1 + a_2\alpha_2 + \ldots + a_n\alpha_n = \bar{0}$ then $a_1 = a_2 = \ldots = a_n = 0$

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

$a_1\alpha_1 + a_2\alpha_2 + \ldots + a_n\alpha_n = \bar{0}$

- Any superset of a linearly dependent set is linearly dependent.
- Any subset of a linearly independent set is linearly independent.
- A set $S = \{\alpha_1, \alpha_2 \ldots \alpha_n\}$ is linearly dependent iff every vector α_k $(2 \le k \le n)$ 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 :

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 $P = \{a = x_0, x_1, x_2, \dots x_{r-1}, x_r, \dots x_{n-1}, x_n = b\}$

$I_r = [x_{r-1}, x_r]$ 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.

~~L(P,f)~~ = Lower & Upper Riemann Sums.

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

Lower Riemann Integral:

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

Upper Riemann Integral:

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

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.

$$\underline{\int_a^b} f(x)\,dx = \overline{\int_a^b} f(x)\,dx$$

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

G. Amrutha Kumar

Signature of the Lecturer

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Annual Curriculum Plan : 20 - 20

Name of the College : **Name of the Department :**

Name of the Lecturer :					Class & Year :					Semester :				
						Curricular Activity				Co- Curricular Activity				
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Remarks
	Feb 2022	1st Week	05	Matrix of linear Transformation	Elementary properties	Student Seminar	01	Yes	—	—	—	—	—	
		2nd Week	04	Transition Matrix of linear transformation	Matrices									
		3rd Week	05	Inner Product Space	Basic concepts									
		4th Week	04	Orthogonality	Vectors	Quiz	03	Yes	—	—	—	—	—	—
		5th Week												
	March 2022	1st Week	05	L.C, Linearly I.D, & D vectors (Revision)	Basic concepts of vectors									
		2nd Week	05	Basis and Dimensions (Revision)	Properties of dimension									
		3rd Week												
		4th Week												
		5th Week												

Signature of the Lecturer

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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: Activity to be conducted	Curricular Activity: Hours allotted	Curricular Activity: Whether Conducted	Curricular Activity: If not, Alternate Date	Co- Curricular Activity: Activity to be conducted	Co- Curricular Activity: Hours allotted	Co- Curricular Activity: Whether Conducted	Co- Curricular Activity: If not, Alternate Date	Remarks
	March 2022	1st Week	06	Higher Order LDE with Non constant coefficients	Basic concepts									
		2nd Week	05	By the method of variation of Parameter	Integration	MID Examination	03	Yes	—	—	—	—	—	
		3rd Week	06	Cauchy's Euler Equation	Derivatives									
		4th Week	06	Legendre's Equation	Derivatives	—	—	—	—	Assignment	01	Yes	—	
		5th Week												
	April 2022	1st Week	06	General solution of D-E Mdx+Ndy=0 using integrating factor (Revision)	Integration	—	—	—	—	Group discussion	01	Yes	—	
		2nd Week	05	Linear and Bernoulli's differential equations Revision	Trigonometry									
		3rd Week	06	General solution of f(D)y=Q equations, Q=e^{ax}, e^{ax}V, x^k, x^m V	Trigonometry	—	—	—	—	Student Seminar	01	Yes	—	
		4th Week	05	Variation of parameter and Cauchy Euler Equations (Revision)	Derivatives									
		5th 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	1st Week	06	Line Integral	Integrations									
		2nd Week	05	Surface Integral	Derivatives	MID Exam	01	Yes	—	—	—	—	—	—
		3rd Week	05	Volume Integral	Basic concepts	—	—	—	—	Assignment	01	Yes	—	—
		4th Week	04	Gauss theorem and Applications	Integrations									
		5th Week												
	Mar 2023	1st Week	06	Stokes theorem Applications	Integrations	—	—	—	—	Student seminar	01	Yes	—	—
		2nd Week	05	Revision.	Basic concepts									
		3rd Week												
		4th Week												
		5th 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
					30.12.21 CL					
					31.12.21 CL					
					01.01.2022 New Year					
					02.01.2022 Sunday					
	03.01.22 Mon	IMSCs (EM)	I	Theory	Solved Problems on Solvable for I Preparing for II B.Sc class	Lecture method	29	Chalk & Duster		
		III MPCs (EM)	III	Theory	Explained theorems on Partial Differentiation		12			
					Paper correction work					
					Department work					
	04.01.22 Tue	III MPCs (EM)	I	Theory	Explained theorems on partial differentiation		13			
		I MSCs (EM)	II	Theory	Explained Clairaut's Equation	Lecture method	26	Chalk & Duster		
					Preparing for I B.Sc class					
					Preparing for III B.Sc class					
					Assignment correction 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
	29.01.22 Sat	II MSCs (EM)	I	Theory	Solved problems on Co-sets	Lecture method	16	Chalk & talk		
		III MPCs (EM)	II	Theory	Solved problems on volume & Integral		12			
		I MSCs (EM)	III	Theory	Solved problems on Higher Order LDE $f(D)y = Qx$ where $Q = e^{ax}$		22			
		III MPC (TM)	IV	Theory	Explained Rank-Nullity Theorem		8		Frequent	
					Preparing for I BSc class					
	31.01.22 Mon	I MSCs (EM)	I	Theory	Solved problems on Higher order LDE-$f(D)y = Q$	G-A method	21			
		II MSCs (EM)	II	Theory	Solved problems on Subgroups		20			
		III MPCs (EM)	III	Theory	Explained Green's Theorem		9	Diagrams		
					Preparing for II BSc class					
					Preparing for III BSc class					
	01.02.22 Tue	III MPCs (EM)	I	Theory	Solved problems on Green's theorem		11			
		II MSCs (EM)	II	Theory	Explained theorems on Co-sets	Lecture method	21	Diagrams		
					Preparing for I BSc class					
		I MSCs (EM)	IV	Theory	Solved problems on Higher Order linear diff equations with constant coeff $f(D)y = Q$, Q is trigonometric		22			
					Assignment correction 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
					Preparing for III BSc class					
	29.04.22 Fri	Cluster	II	Theory	Solved problems on Project work			Chalk & Duster		
		Cluster	III	Theory	Solved problems on project work					
		IMSC (Em)	IV	Theory	Cauchy-Euler equations (Revision)		19			
					Department work					
					Preparing for III BSc class					
	30.04.22 Sat	Elective	II	Theory	Solved problems on laplace transforms	melted Lecture	9,6,9			
					Preparing for III BSc class					
		Cluster	IV	Theory	Discuss about of project work		6,5,32			
		IMSC (Em)	V	Theory	Explained over all Differential Equations	O-A method	19	Black board		
	01.05.22 Sun				← May Day →					

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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 :

Gauss Divergence theorem : Let S be a closed surface enclosed a volume V. If $\bar{F}$ is continuously differentiable vector point function, then $\int_V \text{div}\,\bar{F}\, dV = \int_S \bar{F}\cdot\bar{N}\, ds$

where $\bar{N}$ is outward drawn unit normal vector at any point of S.

Green's theorem :- 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.

Stoke's theorem :- Let S be a surface bounded by a closed, non-intersecting curve C. If $\bar{F}$ is any differentiable vector point function, Then

$$\oint_C \bar{F}\cdot d\bar{r} = \int_C \text{Curl}\,\bar{F}\cdot\bar{N}\, ds$$

Examples / Illustrations	$\int [\nabla^2 g + \nabla f \cdot \nabla g]\, dV = \int_S (f \nabla g)\cdot N\, ds$
Additional Inputs	Entrance Examination Bits
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	Rings.
Hours required	10
Learning objectives	Define the concept of Ring, given the 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 $(R,+,\cdot)$ is said to be a Ring, if

① $(R,+)$ is an abelian group

② $(R,\cdot)$ is a semigroup

③ Distributive laws hold

Integral Domain :- A Ring $(R,+,\cdot)$ is said to be an Integral Domain if,

① It is commutative

② It is Unity

③ It has no zero divisor.

Field :- A Ring $(R,+,\cdot)$ is said to be Field, if

① It is commutative

② It has Unity

③ 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	$(\mathbb{Z},+,\cdot)$, $(\mathbb{Q},+,\cdot)$ 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 transforms)
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	Derivatives and integrations

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

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

$\Rightarrow L^{-1}\{\frac{1}{p} f(p)\} = \int_0^t F(u)\,du$, III'ly $L^{-1}\{\frac{1}{p^2} f(p)\} = \int_0^t \int_0^t F(u)\,du\,du$

Inverse laplace transform of derivatives :-

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

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

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 bits
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 :				
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	1st Week	05	Convolution theorem	Formulae	Student Seminar	01	Yes	–	–	–	–	–	–
		2nd Week	05	finite fourier transforms	formulae	–	–	–	–	Assignment	01	Yes	–	–
		3rd Week												
		4th Week												
		5th Week												
		1st Week												
		2nd Week												
		3rd Week												
		4th Week												
		5th 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 $D.F = \frac{1}{mx+ny}$ $f(0)$	Lecture method	06	Chalk & Duster	Previous knowledge	
			II		Preparing for II BSc class					
		II MPCs	III	Theory	Explained Theorems on Differentiability	Lecture method	06			
			IV		Preparing for I BSc class					
			V		Paper correction work					
	07.04.24				SUNDAY					
	08.04.24 Mon			I	Preparing for II BSc class					
		II MPCs		II	Conducted Group discussion on General topic	Lecture method	06		Group discussion	
		I BSc Honours		III	Students went to Field trip at Annamma Charya Tirupati		10		Field trip	
	09.04.2024 (Tue)				Ugadi Holiday					
	10.04.24 Wed	I BSc Honours	I	Theory	Solved problems on alternating series	Lecture method	08			
					Preparing for I BSc class					
					Preparing for II BSc class					
		II MPCs	IV	Theory	Solved Problems on Lagrange Theorem	Lecture method	07			
					Update academic records					

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

$I_r = [x_{r-1}, x_r]$ be the rth 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 Sums :-

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

Lower Riemann Integral :

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

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

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

$$\underline{\int_a^b} f(x)\,dx = \overline{\int_a^b} f(x)\,dx.$$

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

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Annual Curriculum Plan : 2021 - 2022

3-5-1110) ... DBMS

Name of the College : SVA Government Degree College (M) **Name of the Department :** Computer Science

Name of the Lecturer : B. SATISH KUMAR					Class & Year : III BSc III year				Semester : I				
						Curricular Activity				Co- Curricular Activity			
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Remarks
	October	1st Week												
		2nd Week												
		3rd Week												
		4th Week	3+3	Overview of DBMS, Introduction		Theory & practical	6	yes	–	–		–		
		5th Week	1	DB, DBMS, Objectives of DBMS		Theory	1	yes	–	Sem	1	yes		Sa
	November	1st Week	3+3	ANSI specifications, components, Interface, Architecture		Theory & practical	6	yes	–	–		–		Sle
		2nd Week	3+3	DBMS vendors, products, ER Model		Theory & practical	6	yes	–	Assignment	1	yes		Sle
		3rd Week	3+3	Building Blocks of ER, Entity, Relationship, attribute classification		Theory & practical	6	yes	–	–		–		Sle
		4th Week	3+3	Relationship degree, relationship classification, EER Model, generalization	Virtual class Room	Theory & practical	6	yes	–	–		–		Sle
		5th Week	1+3	and specialisation, generalization, aggregation, composition, entity clusters	Virtual class room	Theory & practical	4	yes	–	–		–		S

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Annual Curriculum Plan : 20 - 20

Name of the College :

Name of the Department :

Name of the Lecturer : B. SATISH					Class & Year : III BSc M.P.Cs & M.S.Cs				Semester : V Semester				
						Curricular Activity				Co- Curricular Activity			
S. No.	Month / Year	Week	Hours Available	Topic	Additional Input / Value Addition Provided / Taught	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Remarks
	December	1st Week	2+0	Normalization. 1NF 2NF 3NF BCNF	Digital Class Room	Theory & practical	2	yes	—					Sd
		2nd Week	3+3	Objective of DBMS, Redundancies anomolies		Theory & practical	6	yes	—	Quiz	1	yes		Sd
		3rd Week	3+3	SQL command Datatypes, DDL, selection		Theory & practical	6	yes	—					Sd
		4th Week	3+3	projection, Aggregate functions, DML,		Theory & practical	6	yes	—					Sd
		5th Week	3+3	Modification command Truncate, set, join SQL Sub Query, Embedded SQL		Theory & practical	6	yes	—					Sd
	January	1st Week	3+3	Relational algebra - advantages.		Theory & practical	6	yes	—					Sd
		2nd Week	2+3	Limitations of relational algebra		Theory & practical	5	yes	—	Quiz	2	yes		Sd
		3rd Week	3+3	PL Introduction, structure of PL/SQL		Theory & practical	6	yes	—					Sd
		4th Week	2+3	PL/SQL element Data types operators precedence Procedure function Exception handling		Theory & practical	5	yes	—					Sd
		5th Week	1+3	Control structures Triggers, cursors		Theory & practical	4	yes	—					Sd

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Annual Curriculum Plan : 2021 - 2022 Problem solving in

Name of the College : SVA **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: Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Co- Curricular Activity: Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Remarks
	Nov & Dec	Nov30	0+1	Introduction to computers		Theory	1	yes						Sc
		1st Week	4+2	Application of Computers		Theory & practical	6	yes	—					Sc
		2nd Week	4+2	Types of Computers, generality		Theory & practical	6	yes	—					Sc
		3rd Week	4+2	Algorithm, flowchart		Theory & practical	6	yes	—		2 hrs	yes		Sc
		4th Week	4+2	Generation of PL's & structured programming langs		Theory & practical	6	yes	—					Sc
		5th Week	2	Design & Implementation of Maintainable programs		Theory & practical	6	yes	—					Sc
				Structure of C program		Theory & practical	2	yes	—					Sc
	January	1st Week	4+2	Comments, key words, identifiers, Data types		Theory & practical	6	yes	—					Sc
		2nd Week	4+2	Variables, I/O statements, operators, inc.		Theory & practical	6	yes	—					Sc
		3rd Week	4+2	Decision control & looping statements.		Theory & practical	6	yes	—					Sc
		4th Week	4+2	Arrays, Introduction, Declaration, Accessing arrays		Theory & practical	6	yes	—		2 hrs	yes		Sc
		5th Week	2	operations on arrays		Theory & practical	2	yes	—					Sc

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Annual Curriculum Plan : 2021 - 2022

Name of the College : SVA Degree College (MBN) **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: Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Co- Curricular Activity: Activity to be conducted	Hours allotted	Whether Conducted	If not, Alternate Date	Remarks
	February	1st Week	4+2	1D 2D arrays, strings, Functions declaration		Theory & practical	6	yes	—					
		2nd Week	4+2	Function call, passing parameters, Scope, storage classes		Theory & practical	6	yes	—					
		3rd Week	4+2	Recursive function, Structure, Union		Theory & practical	6	yes	—	Quiz	1	yes		
		4th Week	4+2	Enumerated Datatype, Array of union		Theory & practical	6	yes	—					
		5th Week		Unions, bitfields & classes		[illegible]								
	March	1st Week	4+2	Pointers, understanding computer memory		Theory & practical	6	yes	—	Seminar	1	yes		
		2nd Week	4+2	Pointers, declaring variables, pointer arithmetic, null		Theory & practical	6	yes	—					
		3rd Week	4+2	pointers, passing arrays to function, using pointers		Theory & practical	6	yes	—					
		4th Week	4+2	Pointer array, memory allocation, files		Theory & practical	6	yes	—					
		5th Week	2	File handling concepts in C language		Theory & practical	2	yes	—					

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Annual Curriculum Plan : 20 - 20

Subject: Computer Network

Name of the College : SVA Degree College

Name of the Department : Computer Science

Name of the Lecturer : B SATISH KUMAR

Class & Year : III BSc MPCs & MSCs

Semester : 6

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	
	April	1st Week												
		2nd Week	4 of 2	Introduction, uses of CN, Network o/p			6	yes	—	—	—	—		
		3rd Week	4 of 2	network soft/ware			6	yes	—	—	—	—		
		4th Week	4 of 2	Examples of activities Reference Models.			6	yes	—	seminar	1	yes		
		5th Week	2	Physical Layer.			2	yes		—	—	—		
	May	1st Week	4 of 2	Theoretical Basis for DC Guided transmission Media			6	yes	—	Assignment	1	yes		
		2nd Week	4 of 2	Wireless transmission PSTN			6	yes	—	—	—	—		
		3rd Week	4 of 2	The Datalink Layer Design Issues, error detection correction			6	yes	—					
		4th Week	4 of 2	Sliding window protocols MAC Sublayer Channel allocation problem			6	yes	—	—	—			
		5th Week	2 of 2	MAC DC Switching			6	yes	—	—	—	—		

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Annual Curriculum Plan : 20 - 20

Name of the College : **Name of the Department :**

ame 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	1st Week	4+2	The Network layer, Design Issues, Routing Algorithms		Theory Practical	6	yes					
		2nd Week	4+2	Congestion control algorithms Quality of service		Theory & Practical	6	yes					
		3rd Week	4+2	Internetworking, The N/W layer in the Internet		Theory & Practical	6	yes		Assignment	1	yes	
		4th Week	4+2	Unit-II The Transport Service Elements of		Theory Practical	6	yes					
		5th Week	1+1	Transport protocol Congestion control Algorithms		Theory Practical	2	yes					
	July	1st Week	4+2	The Internet Transport protocol, The Internet		Theory practical	6	yes		Quiz	1	yes	
		2nd Week	4+2	Transport Protocols TCP, DTN		Theory practical	6	yes					
		3rd Week	4+2	The Application layer DNS, The DNS,		Theory practical	6	yes					
		4th Week	4+2	Electronic mail, The world Real time Audio/Video		Theory practical	6	yes					
		5th Week	2+2	content delivery Peer to peer		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 triggers
1. Triggering event & statements
2. A trigger restriction
3. A trigger action

Types of trigger

1. On the basis of type of events
   - trigger s 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 related
Additional Inputs	Different programs given
Teaching Aids used	System, PPT
References cited	
Student Activity	
Any other activity	

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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
28	22/10/24	III MPCS MSG	10-11	TP	ANSI Model of DBMS	Lecture	28	Blackboard	Attending class	
		III MPCS MSG	4	T	Software Engineering Introduction	Lecture	20	Blackboard in class room	Attending class	
		I BSC	5	T	Tree Traversal Techniques	Lecture	29	Blackboard in class room	Attending & listening class	
29	28/10/24	II MPCS MSG	1	T	DBMS Models. Network, Relational Hierarchical	Lecture	26	Classroom Blackboard	Attending & listening class	
		I MPCS MSG	4	T	Graph Representation techniques	Lecture	31	Class room Blackboard	Listening class	
30	29/10/24	I BSC MSG	1	P	Sorting programs.	Practical	14	Lab	Implemental	
		I MSG	2	P	polynomial addition.	practical	14	Lab	Implemental	
		II MPCS MSG	3	T	Components of DBMS	Lecture	18	Blackboard in class	Listening class	

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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
	30-03-2022	I BA	II	theory	Marxism	Lecture	15	[illegible]	Q&A	
	31-03-2022	I BA	II	"	Marxism.	"	14	[illegible]	Q&A	
		II BA	III	"	Sequence cont. process & function	"	09	[illegible]	Q&A	
	01-04-2022	I BA	III	"	Marxism	"	09	[illegible]	Q&A	
		II BA	IV	"	Sequence cont. process & function	"	10	[illegible]	Q&A	

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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	I BA	I	Theory	Significance Communication	Lecture	10	ICT/PPT		
		II BA	II	"	Features of Bank commercial Institutions	"	92	ICT/PPT		
		III BA	III							
		IV BA	IV	"	Public Education system	"	08	ICT/PPT		
		V BA	V	"	Problems in Punjab	"	06	ICT/PPT		
	30-04-22									
	02-05-22									
		BBA	IV	Theory	Problems of Rural	Lecture	10	ICT/PPT		

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
	[illegible]	II BA	II	Theory	M.M. Punchi commission, recent trends	Lecture	07	ICT/PPT	Q/A	
		I BA	III	"	classification of constitution, written, unwritten	"	09	ICT/PPT	Q/A	
		III BA	IV	"	Human Relations theory	"	06	ICT/PPT	Q/A	
		I BA (SW)	V	"	objectives of social work	"	09	ICT/PPT	Q/A	
	[illegible]	III BA	II	"	Human Relations theory	"	09	ICT/PPT	Assignment	
		II BA	III	"		"	07	ICT/PPT	Q/A	
		I BA	IV	"	classification of constitution Rigid and flexible.	"	09	ICT/PPT	Q/A	
	25-05-22 to 12-06-22 Summer vacation				Summer Holidays					

Signature of the Lecturer

Signature of the Department Incharge

Signature of the Principal

TEACHING DIARY

Day & Date	Hour & Class	Topics Covered
27-08-20 THURSDAY	I hr.	
	II hr. III BA	Manu - political ideas
	III hr. III BA	Features of the Indian constitution
	IV hr.	
	V hr.	
28-08-20 FRIDAY	I hr. III BA	Aristotle - ideal State
	II hr.	
	III hr. III BA	Manu - political ideas
	IV hr. III BA	Drafting committee
	V hr.	
29-08-20 SATURDAY	I hr. III BA	Aristotle - classification of Governments
	II hr. III BA	Commencement of the constitution
	III hr. III BA	
	IV hr.	
	V hr. III BA	Manu - political ideas
30-08-20 SUNDAY	Holiday	

TEACHING DIARY

Day & Date	Hour & Class	Topics Covered
31-08-20 MONDAY	I hr.	
	II hr. III BA	preamble - Introduction
	III hr.	
	IV hr. III BA	Manu - political ideas
	V hr. III BA	Aristotle Theory of Revolutions
01-09-20 TUESDAY	I hr	
	II hr III BA	Kautilya - Introduction
	III hr	
	IV hr III BA	Aristotle Theory of Revolutions
	V hr III BA	Preamble - Sovereign, Socialist
2-09-20 WEDNESDAY	I hr III BA	Secular
	II hr	
	III hr III BA	Kautilya - Saptanga
	IV hr	
	V hr	

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 – trisanthuvaru
	II hr	
	III hr III BA	Direct Democracy – Rousseau
	IV hr II BA	Basic structure Theory
	V hr	
30-01-21 SATURDAY	I hr III BA	M.K Gandhi – Empowerment women
	II hr II BA	Basic Structure Theory
	III hr I BA	
	IV hr	
	V hr III BA	Direct Democracy – Rousseau
31-01-21 SUNDAY		Holiday

TEACHING DIARY

Day & Date	Hour & Class	Topics Covered
01-2-21 MONDAY	I hr.	
	II hr. II BA	Role of Higher Judiciary
	III hr. I 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 I BA	Political Science – Introduction
	II hr III BA	Nehru – Introduction
	III hr	
	IV hr III BA	Jeremy Bentham – utilitarianism
	V hr II BA	Supreme court – composition
03-02-21 WEDNESDAY	I hr II BA	Composition of Supreme court
	II hr I BA	Political Science Definitions
	III hr III BA	Jeremy Bentham utilitarianism
	IV hr	
	V hr	