SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- V. Kas Kumar Institute:- SHRI RAM COLLEGE Department:-BBA

Subject & Code :- BOE **Year & Semester** :- 1/1 (A) Total Lecture:- 76

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (18)	1	What is Business	11/09/2023	11.09.23	
	2	Meaning Definition Of Business	12/09/2023	12.09.23	
	3	continue...	13/09/2023	13.09.23	
	4	Essential of business	15/09/2023	15.09.23	
	5	Scope Of Business	16/09/2023	16.09.23	
	6	Classification Of Business Activities	18/09/2023	18.09.23	
	7	continue...	19/09/2023	18.09.23	
	8	Meaning of Organisation	20/09/2023	20.09.23	19.09.23 (C.L.)
	9	continue...	21/09/2023	21.09.23	
	10	Objective of Business Organisation	23/09/2023	23.09.23	
	11	Evolution of Business Organisation	25/09/2023	25.09.23	
	12	continue...	26/09/2023	26.09.23	
	13	What is Modern business	27/09/2023	27.09.23	
	14	What is Modern business	28/09/2023	28.09.23	
	15	Diffrence B/w Profession And occupation	29/09/2023	29.09.23	
	16	continue...	30/09/2023	30.9.23	
	17	**Revision/Problem Solving /Test**	03/10/2023	03.10.23	
	18	**Revision/Problem Solving /Test**	04/10/2023	04.10.23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
IIUnit (19)	19	Introduction of Business unit	05/10/2023	05.10.23	
	20	Process of Establishing New Business Unit	06/10/2023	06.10.23	
	21	Process of Establishing New Business Unit	07/10/2023	09.10.23	07.10.23 (CL)
	22	Meaning Of Promotion	09/10/2023	12.10.23	
	23	Type of promotion	12/10/2023	12.10.23	
	24	continue...	13/10/2023	13.10.23	
	25	Concept of Promoter	14/10/2023	14.10.23	
	26	Type Of Promoter	16/10/2023	16.10.23	
	27	Determinants of new Establishment	17/10/2023	17.10.23	
	28	Determinants of new Establishment	18/10/2023	18.10.23	
	29	Concept Of plant Location	19/10/2023	19.10.23	
	30	Alferd Webar Theory	20/10/2023	20.10.23	
	31	Alferd Webar Theory	21/10/2023	21.10.23	
	32	Concept of Plant Layout	25/10/2023	25.10.23	
	33	continue...	26/10/2023	26.10.23	
	34	Type of Plant Layout	27/10/2023	27.10.23	
	35	continue...	28/10/2023	28.10.23	
	36	**Revision/Problem Solving /Test**	30/10/2023	30.10.23	
	37	**Revision/Problem Solving /Test**	31/10/2023	31.10.23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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III Unit (12)	38	Introduction Of Business Forms	01/11/2023	01.11.23	
	39	Sole Proprietorship Concept	02/11/2023	02.11.23	
	40	Sole Proprietorship Concept	03/11/2023	03.11.23	
	41	continue...	04/11/2023	04.11.23	
	42	ConceptOf Partnership	06/11/2023	06.11.23	
	43	Joint Stock Company	07/11/2023	10.11.23	07.11.23 (CL)
	44	continue...	10/11/2023	16.11.23	
	45	Joint Stock Company	16/11/2023	17.11.23	
	46	Concept Of co- operative	17/11/2023	18.11.23	
	47	Concept Of co- operative	18/11/2023	18.11.23	
	48	**Revision/Problem Solving /Test**	20/11/2023	20.11.23	
	49	**Revision/Problem Solving /Test**	21/11/2023	21.11.23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
IV Unit (12)	50	Concept of Business Ethics	22/11/2023	22.11.23	
	51	Evolving Ethical Value	23/11/2023	23.11.23	
	52	Evolving Ethical Value	24/11/2023	24.11.23	
	53	Argument Against Business Ethics	25/11/2023	25.11.23	
	54	continue...	27/11/2023	28.11.23	27.11.23 (CL)
	55	Corporate Excellence	28/11/2023	29.11.23	
	56	Diffrence between ethics and corporate Excellence	29/11/2023	29.11.23	
	57	Corporate Mission Statement	30/11/2023	30.11.23	
	58	Code Of Ethics	01/12/2023	30.11.23	
	59	Indian Ethics	02/12/2023	01.12.23	02.12.23 (CL)
	60	**Revision/Problem Solving /Test**	04/12/2023	04.12.23	
	61	**Revision/Problem Solving /Test**	05/12/2023	05.12.23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
V Unit (15)	62	Society Changing Concept	06/12/2023	06.12.23	
	63	Changing Concept Of Business	07/12/2023	07.12.23	
	64	continue...	08/12/2023	08.12.23	
	65	Professionalisation	09/12/2023	09.12.23	
	66	continue...	11/12/2023	11.12.23	
	67	Gandhian Philosophy	12/12/2023	12.12.23	
	68	continue...	13/12/2023	13.12.23	
	69	Organisation Culture	14/12/2023	14.12.23	
	70	continue...	16/12/2023	16.12.23	
	71	Technology Development	18/12/2023	18.12.23	
	72	Social Change	20/12/2023	20.12.23	
	73	continue...	21/12/2023	21.12.23	
	74	Social Responsibility	22/12/2023	22.12.23	
	75	**Revision/Problem Solving /Test**	23/12/2023	23.12.23	
	76	**Revision/Problem Solving /Test**	26/12/2023	26.12.23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Co-ordinator
IQAC, Shri Ram College
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Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Chairman
IQAC, Shri Ram College,
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Atul Raghuvanshi Institute:- SRC Department:- BBA

Subject & Code : OB Year/semester:- I/I (8) Total Lecture:- 76

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (14)	1	Introduction & Definition of Organisation Behaviour	11-09-23	11-09-23	
	2	Nature of OB	12-09-23	12-09-23	
	3	Scope of OB	13-09-23	13-09-23	
	4	Challenges for OB	15-09-23	15-09-23	
	5	Challenges for OB	16-09-23	15-09-23	
	6	Opportunities for OB	18-09-23	16-09-23	
	7	Organization Goals	19-09-23	18-09-23	
	8	Models of OB	20-09-23	19-09-23	
	9	Continue……..	21-09-23	20-09-23	
	10	Global and Cultural diversity on OB	23-09-23	23-09-23	
	11	Continue……..	25-09-23	25-09-23	
	12	Continue……..	26-09-23	26-09-23	
	13	Continue……..	27-09-23	27-09-23	
	14	**Revision/Problem Solving /Test**	28-09-23	28-09-23	
Signed by →		(After Complete the Unit) Faculty: Atul HOD : Vivek Dean/Director :			
II Unit (18)	15	Individual Behaviour	29-09-23	29-09-23	
	16	Personality	30-09-23	30-09-23	
	17	Continue……..	03-10-23	3-10-23	
	18	Perception and its role in individual decision making	04-10-23	6-10-23	
	19	Continue……..	05-10-23	7-10-23	
	20	Learning	06-10-23	19-10-23	9-10-23 CL
	21	Learning	07-10-23	12-10-23	
	22	Continue……..	09-10-23	13-10-23	
	23	Motivation	12-10-23	16-10-23	
	24	Continue……..	13-10-23	16-10-23	
	25	Hierarchy of needs Theory	14-10-23	17-10-23	
	26	Continue……..	16-10-23	18-10-23	
	27	Continue……..	17-10-23	19-10-23	
	28	Hierarchy of needs Theory	18-10-23	20-10-23	
	29	Theory X and Y	19-10-23	21-10-23	
	30	Hygiene theory of Motivation	20-10-23	26-10-23	
	31	V-rooms Expectancy theory	21-10-23	26-10-23	
	32	**Revision/Problem Solving /Test**	25-10-23	27-10-23	

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Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vinod **Dean/Director :**			
III Unit (15)	33	Interpersonal Behaviour	26-10-23	28-10-23	
	34	Continue……..	27-10-23	30-10-23	
	35	Communication	28-10-23	30-10-23	
	36	Continue……..	30-10-23	1-11-23	
	37	Transaction Analysis	31-10-23	1-11-23	
	38	Continue……..	01-11-23	2-11-23	
	39	The Johari Window	02-11-23	3-11-23	
	40	Leadership--Meaning and Theories of Leadership	03-11-23	4-11-23	
	41	Leadership--Meaning and Theories of Leadership	04-11-23	6-11-23	
	42	Continue……..	06-11-23	7-11-23	
	43	Continue……..	07-11-23	10-11-23	
	44	Continue……..	10-11-23	10-11-23	
	45	Leadership styles in Indian Organisations	16-11-23	16-11-23	
	46	Continue……..	17-11-23	17-11-23	
	47	**Revision/Problem Solving /Test**	18-11-23	18-11-23	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vinod **Dean/Director :**			
IV Unit (14)	48	Definition and Classification of Groups	20-11-23	20-11-23	
	49	Continue……..	21-11-23	23-11-23	
	50	Types of Group Structures	22-11-23	24-11-23	
	51	Group decision making	23-11-23	25-11-23	
	52	Teams Vs Groups	24-11-23	27-11-23	
	53	Continue…	25-11-23	28-11-23	
	54	Contemporary issues in managing teams	27-11-23	29-11-23	29-11-23 CL
	55	Continue……..	28-11-23	30-11-23	
	56	Continue……..	29-11-23	30-11-23	
	57	Intergroup problems in org. group dynamics	30-11-23	1-12-23	
	58	Intergroup problems in org. group dynamics	01-12-23	2-12-23	
	59	Management of conflict	02-12-23	4-12-23	
	60	Continue…	04-12-23	5-12-23	
	61	**Revision/Problem Solving /Test**	05-12-23	6-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vinod **Dean/Director :**			
V Unit (15)	62	Management of Change	06-12-23	7-12-23	
	63	Change and Organizational Development	07-12-23	8-12-23	
	64	Resistance to change	08-12-23	9-12-23	
	65	Continue……..	09-12-23	13-11-23	
	66	Continue……..	11-12-23	14-11-23	
	67	Approaches to managing Organisational Change	12-12-23	16-12-23	
	68	Continue……..	13-12-23	16-12-23	
	69	Organizational Effectiveness	14-12-23	18-12-23	18-12-23 CL
	70	Organizational Culture	18-12-23	20-12-23	
	71	Continue……..	18-12-23	21-12-23	
	72	Power and Politics Organizational Quality of work life	20-12-23	27-12-23	
	73	Continue…	27-12-23	22-12-23	
	74	Recent advances in OB	22-12-23	22-12-23	
	75	Recent advances in OB	23-12-23	23-12-23	
	76	**Revision/Problem Solving /Test**	26-12-23	26-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vinod **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Checked By:
Signature of HOD : Vinod

Prepared By: Atul
Signature of Faculty :

Chairman
IQAC, Shri Ram College,
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Shivani Sharma Institute:- SRC,MZN Department:- BBA

Subject & Code :- BL(105) Year & Semester :- I (E) Total Lecture:- 76

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (25)	1	Indian Contract Act	11-9-23	11/9/23	
	2	Continue…..	12-9-23	12/9/23	
	3	Indian Contract Act	13-9-23	13/9/23	
	4	Offer, Acceptance	15-9-23	15/9/23	
	5	Continue…..	16-9-23	16/9/23	
	6	Agreement and Contract	18-9-23	18/9/23	
	7	Agreement and Contract	19-9-23	18/9/23	(CL)-19/9/23
	8	Continue…..	20-9-23	20/9/23	
	9	Capacity of parties	21-9-23	21/9/23	
	10	Continue…..	23-9-23	23/9/23	
	11	Continue	25-9-23	23/9/23	
	12	Essentials of Contract	26-9-23	26/9/23	
	13	Continue…..	27-9-23	26/9/23	(L)-27-9-23
	14	Continue…..	28-9-23	28/9/23	
	15	Destinguish Agreement and Contract	29-9-23	29/9/23	
	16	Performance of Contracts	30-9-23	30/9/23	
	17	continue	3-10-23	3-10-23	
	18	Rules Regarding performance of contract	4-10-23	4-10-23	
	19	Termination of Contract	5-10-23	5-10-23	
	20	Termination of Contract	6-10-23	6-10-23	
	21	Consequence and Remedies for Termination of Contract	7-10-23	7-10-23	
	22	Continue…..	9-10-23	9-10-23	
	23	Consequence and Remedies for Termination of Contract	12-10-23	12-10-23	
	24	**Revision/Problem Solving /Test**	13-10-23	13-10-23	
	25	**Revision/Problem Solving /Test**	14-10-23	14-10-23	
Signed by →		(After Complete the Unit) Faculty: Shivani HOD: Dean/Director:			
Unit II (19)	26	Void Contracts	16-10-23	17-10-23	CL-16-10-23
	27	Void Contracts	17-10-23	18-10-23	
	28	Contingent Contracts	18-10-23	19-10-23	
	29	Quasi Contract;	19-10-23	20-10-23	
	30	Contract of Indemnity and Guarantee	20-10-23	21-10-23	
	31	Continue…..	21-10-23	25-10-23	
	32	Bailment	25-10-23	26-10-23	
	33	continue	26-10-23	27-10-23	
	34	Lien	27-10-23	28-10-23	
	35	continue	28-10-23	30-10-23	
	36	Pledge	30-10-23	31-10-23	
	37	Agency	31-10-23	31-10-23	
	38	**Revision/Problem Solving /Test**	1-11-23	1-11-23	
	39	**Revision / problem solving/ test**	2-11-23	2-11-23	
Signed by →		(After Complete the Unit) Faculty: Shivani HOD: Dean/Director:			

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Unit III (12)	40	Sales of Goods Act	3-11-23	3-11-23	
	41	Definition / Features	4-11-23	4-11-23	
	42	Formation of Sale Contract	6-11-23	6-11-23	
	43	Formation of Sale Contract	7-11-23	10-11-23	7-11-23(CL)
	44	Condition and Warranty	10-11-23	16-11-23	
	45	Continue…..	16-11-23	17-11-23	
	46	Ownership of Goods	17-11-23	18-11-23	
	47	Performance of Sale Contract	18-11-23	20-11-23	
	48	Performance of Sale Contract	20-11-23	20-11-23	
	49	Rights of Unpaid Sellers	21-11-23	21-11-23	
	50	Rights of Unpaid Sellers	22-11-23	22-11-23	
	51	Auction Sale.	23-11-23	23-11-23	
	52	**Revision /test/ problem**	24-11-23	24-11-23	
	53	**Revision / problem solving/ test**	25-11-23	25-11-23	
Signed by →		(After Complete the Unit) **Faculty:** Shivani **HOD :** **Dean/Director :**			
Unit IV (11)	54	Limited liability Partnership	27-11-23	27-11-23	
	55	Definition	28-11-23	29-11-23	28-11-23(CL)
	56	Incorporation	29-11-23	30-11-23	
	57	Eligibility to be Partner,	30-11-23	30-11-23	
	58	Continue…..	1-12-23	1-11-23	
	59	Relationship of partners	2-12-23	2-11-23	
	60	Partners as a agent	4-12-23	4-11-23	
	61	Penalty for False statement	5-12-23	5-11-23	
	62	winding up	6-12-23	6/12/23	
	63	**Revision/Problem Solving /Test**	7-12-23	7-12-23	
	64	**Revision / problem solving/ test**	8-12-23	8-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Shivani **HOD :** **Dean/Director :**			
Unit V (12)	65	Negotiable Instruments	9-12-23	9-12-23	
	66	Continue…..	11-12-23	11-12-23	12-12-23(CL)
	67	Negotiable Instruments	12-12-23	13-12-23	
	68	Features / Types	13-12-23	14-12-23	
	69	Recognition	14-12-23	14-12-23	
	70	Recognition	16-12-23	16-12-23	
	71	Crossing And Endorsement of NIs.	18-12-23	18-12-23	
	72	continue	20-12-23	20/12/23	
	73	continue	21-12-23	21-12-23	
	74	**Revision / problem solving/ test**	22-12-23	22-12-23	
	75	**Revision / problem solving/ test**	23-12-23	23-12-23	
	76	**Revision / problem solving/ test**	26-12-23	26-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Shivani **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Shivani
Signature of Faculty :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Chairman
IQAC, Shri Ram College,
Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR
Department of Business Administration

Name of Faculty:- Anshul Institute:- SRC Department:- BBA
Subject & Code :- AM Year & Semester :- II/III (A) Total Lecture:- 73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
unit 1(16)	1	**introduction of advertising**	15/9/2023	15-9-23	
	2	scope of advertising	16/9/2023	16-9-23	
	3	importance of advertising	18/9/2023	18-9-23	19-9-23 CL
	4	Advantage of advertising	19/9/2023	20-9-23	
	5	Disadvantage of advertising	20/9/2023	21-9-23	
	6	importance of advertising	21/9/2023	23-9-23	
	7	role of advertising	23/9/2023	25-9-23	26-9-23 CL
	8	role of advertising	25/9/2023	27-9-23	
	9	scope of advertising	26/9/2023	28-9-23	
	10	functions of advertising	27/9/2023	29-9-23	
	11	functions of advertising	28/9/2023	30-9-23	
	12	key players in advertising	29/9/2023	03-10-23	
	13	key players in advertising	30/9/2023	04, 5-10-23	
	14	types of advertising	03-10-23	6-10-23	
	15	types of advertising	04-10-23	7-10-23	
	16	**Revision/Problem Solving /Test**	05-10-23	9-10-23	
Signed by →		(After Complete the Unit) **Faculty:** Ayagi **HOD :** Vivek **Dean/Director :**			
II Unit (11)	17	meaning and definition of public relation and	06-10-23	12-10-23	
	18	difference between public relation and advertising	07-10-23	13-10-23	
	19	difference between public relation and advertising	09-10-23	14-10-23	
	20	role of public relation	12-10-23	16-10-23	
	21	role of public relation	13/10/2023	17-10-23	
	22	process of public relation	14/10/2023	18-10-23	
	23	process of public relation	16/10/2023	19-10-23	
	24	advantages and disadvantages of public relation	17/10/2023	19-10-23	
	25	publicity	18/10/2023	20-10-23	
	26	advantages and disadvantages of public relation	19/10/2023	21-10-23	
	27	**Revision/Problem Solving /Test**	20/10/2023	25-10-23	
Signed by →		(After Complete the Unit) **Faculty:** Ayagi **HOD :** Vivek **Dean/Director :**			
	28	Meaning of sales management	21/10/2023	26-10-23	
	29	objectives of sales management	25/10/2023	27-10-23	
	30	objectives of sales management	26/10/2023	28-10-23	
	31	sales management strategies	27/10/2023	30-10-23	
	32	sales management strategies	28/10/2023	31-10-23	
	33	methods of sales forecasting	30/10/2023	01-11-23	

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Unit (17)	34	merits and demerits of sales forecasting	31/10/2023	2-11-23	
	35	objectives of sales forecasting	01-11-23	3-11-23	
	36	Cont..	02-11-23	4,6-11-23	
	37	functions of sales executive	03-11-23	7-11-23	
	38	sales promotion	04-11-23	10-11-23	
	39	sales promotion	06-11-23	15-11-23	17-11-23 CL
	40	advantages of sales promotion	07-11-23	16-11-23	
	41	Important techniques of sales promotion	10-11-23	18-11-23	
	42	sales promotion purpose, types and limitations	16/11/2023	20-11-23	
	43	sales promotion purpose, types and limitations	17/11/2023	21-11-23	
	44	**Revision/Problem Solving /Test**	18/11/2023	22-11-23	
Signed by →		(After Complete the Unit) **Faculty:** Ajyagi **HOD :** Vivek **Dean/Director :**			
IV Unit (15)	45	meaning of print media and broadcasting	20/11/2023	23-11-23	
	46	characteristics of the press	21/11/2023	24-11-23	
	47	characteristics of the press	22/11/2023	25-11-23	
	48	basic media concepts	23/11/2023	27-11-23	
	49	basic media concepts	24/11/2023	28-11-23	
	50	newspaper	25/11/2023	29-11-23	
	51	magazines	27/11/2023	30-11-23	
	52	factors of print media advertising	28/11/2023	01-12-23	
	53	factors of print media advertising	29/11/2023	2-12-23	
	54	meaning of broadcasting	30/11/2023	4,5-12-23	
	55	radio as a medium	01-12-23	6-12-23	
	56	television as a medium	02-12-23	7-12-23	
	57	internet advertising	04-12-23	7-12-23	
	58	internet advertising	05-12-23	8-12-23	
	59	**Revision/Problem Solving /Test**	06-12-23	9-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Ajyagi **HOD :** Vivek **Dean/Director :**			
V Unit (14)	60	meaning of media planning and strategies	07-12-23	11-12-23	
	61	growth and importance of media	08-12-23	12-12-23	13-12-23 CL
	62	media selection	09-12-23	14-12-23	
	63	meaning and role of media planning	11-12-23	16-12-23	
	64	importance and strategies of media planning	12-12-23	18-12-23	
	65	Cont..	13/12/2023	18-12-23	
	66	media plan	14/12/2023	20-12-23	
	67	market analysis	16/12/2023	21-12-23	
	68	nature and classification of market analysis	18/12/2023	21-12-23	
	69	Cont..	20/12/2023	22-12-23	
	70	media objectives	21/12/2023	22-12-23	
	71	steps to accomplish marketing objectives	22/12/2023	20-12-23	
	72	developing & implentation of media strategies	23/12/2023	23-12-23	
	73	**Revision/Problem Solving /Test**	26/12/2023	26-12-23	
Signed by →		(After Complete the Unit) **Faculty:** Ajyagi **HOD :** Vivek **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : Vivek

Prepared By: Ajyagi
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Anshuman Kaler Institute:- SHRI RAM COLLEGE Department:-BBA

Subject & Code :- INDIAN ECONOMY **Year & Semester :-** 2/3C Total Lecture:- 73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (16)	1	Introduction of the unit	15-09-23	15/9/23	
	2	Meaning of Economy	16-09-23	16/9/23	
	3	Type of economy	18-09-23	19/9/23	18/9/23CL
	4	Difference Between Economy And economics	19-09-23	20/9/23	
	5	What is Economic Growth	20-09-23	20/9/23	
	6	Measures For economic Growth	21-09-23	21/9/23	
	7	Obstacles in Economc Growth	23-09-23	23/9/23	
	8	Meaning Of Economic Development	25-09-23	25/9/23	
	9	Obstacles in Economic Development	26-09-23	26/9/23	
	10	Measures For Economic Development	27-09-23	27/9/23	
	11	Characteristics of Indian Economy	28-09-23.	28/9/23	
	12	Characteristics of Indian Economy	29-09-23	29/9/23	
	13	Factors Affecting Economic Growth	30-09-23	30/9/23	
	14	Factors Affecting Economic Development	03-10-23	4/10/23	3/10/23CL
	15	Factors Affecting Economic Development	04-10-23	5/10/23	
	16	**Revision/Problem Solving /Test**	05-10-23	6/10/23	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman **HOD :** Vive **Dean/Director :**			
IIUnit (19)	17	An Overview of Economic Resource	06-10-23	7/10/23	
	18	An Overview of Economic Resource	07-10-23	9/10/23	
	19	An Overview of Natural Resource	09-10-23	9/10/23	
	20	Brief Study Of Land Resource	12-10-23	12/10/23	
	21	Brief Study Of Water Resource	13-10-23	14/10/23	13/10/23CL
	22	Brief Study of Forest Resource	14-10-23	16/10/23	
	23	Study About Energy Resource	16-10-23	17/10/23	
	24	Typre of Energy	17-10-23	18/10/23	
	25	Human Resource in india	18-10-23	19/10/23	
	26	Human Resource in india	19-10-23	19/10/23	
	27	Concept of Population	20-10-23	20/10/23	
	28	Concept of Population	21-10-23	21/10/23	
	29	Causes Of Population Growth	25-10-23	25/10/23	
	30	Measures to Control Population In india	26-10-23	26/10/23	
	31	Population Explosion	27-10-23	27/10/23	
	32	Poplation And Economic Development	28-10-23	28/10/23	
	33	Population Policy in india	30-10-23	30/10/23	
	34	Problem Of Unemployment In india	31-10-23	31/10/23	
	35	**Revision/Problem Solving /Test**	01-11-23	1/11/23	

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Signed by →	(After Complete the Unit) Faculty: Anshuman		HOD : Vivek	Dean/Director :	
III Unit (15)	36	Introduction of Agriculture n in india	02-11-23	1/11/23	
	37	Land Reform In india	03-11-23	2/11/23	
	38	Land Tenure System	04-11-23	3/11/23	
	39	Green Revolution in India	06-11-23	4/11/23	
	40	Green Revolution in India	07-11-23	6/11/23	
	41	Capital Formation In agriculture Industry	10-11-23	10/11/23	7/11/23 CL
	42	Capital Formation In agriculture Industry	16-11-23	16/11/23	
	43	Composition and Growth	17-11-23	17/11/23	
	44	Introduction Of Public Sector	18-11-23	18/11/23	
	45	Role Of Public Sector	20-11-23	20/11/23	
	46	Introduction Of Private Sector	21-11-23	21/11/23	
	47	Role of Private Sector	22-11-23	22/11/23	
	48	Small And Cottage Industry	23-11-23	23/11/23	
	49	Small And Cottage Industry	24-11-23	24/11/23	
	50	**Revision/Problem Solving /Test**	25-11-23	25/11/23	
Signed by →	(After Complete the Unit) Faculty: Anshuman		HOD : Vivek	Dean/Director :	
IV Unit (14)	51	Detailed Study On Agriculture	27-11-23	27/11/23	
	52	Problem With Indian Agriculture	28-11-23	28/11/23	
	53	Prospects of Indian Agriculture	29-11-23	29/11/23	30/11/23 CL
	54	Prospects of Indian Agriculture	30-11-23	1/12/23	
	55	Plan Period Position	01-12-23	2/12/23	
	56	Plan Period Position	02-12-23	4/12/23	
	57	Problem With Large scale Industry	04-12-23	4/12/23	
	58	Prospects of Large Scale Industry	05-12-23	5/12/23	
	59	Brief Study About Iron, Steel	06-12-23	6/12/23	
	60	Brief Study About Suger And Textile	07-12-23	7/12/23	
	61	Brief Study About Suger And Textile	08-12-23	8/12/23	
	62	Role of Small Scale Industry	09-12-23	9/12/23	
	63	Role of Small Scale Industry	11-12-23	11/12/23	
	64	**Revision/Problem Solving /Test**	12-12-23	12/12/23	
Signed by →	(After Complete the Unit) Faculty: Anshuman		HOD : Vivek	Dean/Director :	
V Unit (09)	65	Indian Banking System	13-12-23	13/12/23	
	66	Structure And Organisation Of Bank	14-12-23	16/12/23	14/12/23 CL
	67	Reserve Bank of india	16-12-23	18/12/23	
	68	Commercial Bank	18-12-23	18/12/23	
	69	RRBs	20-12-23	20/12/23	
	70	NITI Aayog	21-12-23	21/12/23	
	71	NITI Aayog	22-12-23	22/12/23	
	72	Function and Contribution Of NITI Aayog	23-12-23	23/12/23	
	73	**Revision/Problem Solving /Test**	26-12-23	26/12/23	
Signed by →	(After Complete the Unit) Faculty: Anshuman		HOD : Vivek	Dean/Director :	
Approved By :		Checked By:		Prepared By: Anshuman	

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Sharad Kaushik **Institute:- SRC** **Department:- BBA**

Subject & Code :- CRM **Year & Semester :- 2nd (III) (D)** **Total Lecture:- 73**

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (10)	1	Introduction to CRM	15-09-23	15/09/23	
	2	Introduction to CRM	16-09-23	16/09/23	
	3	Definition and concepts of CRM	18-09-23	16/09/23	
	4	Components of CRM	19-09-23	18/09/23	
	5	Components of CRM	20-09-23	19/09/23	
	6	Understanding the goals of CRM	21-09-23	20/09/23	
	7	Understanding the goals of CRM	23-09-23	20/09/23	
	8	Customer touch points	25-09-23	21/09/23	
	9	Customer touch Points	26-09-23	23/09/23	
	10	**Revision/Problem Solving /Test**	27-09-23	25/09/23	
Signed by →		**(After Complete the Unit) Faculty :** Sharad **HOD :** **Dean/Director :**			
Unit II (21)	11	CRM Process: introduction of CRM	28-09-23	26/09/23	
	12	Objectives of CRM process	29-09-23	27/09/23	28/09/23 (CL)
	13	CRM process	30-09-23	29/09/23	
	14	CRM process	03-10-23	30/09/23	
	15	An insights into CRM	04-10-23	03/10/23	
	16	An insights into CRM	05-10-23	03/10/23	
	17	e-CRTA/ online CRM	06-10-23	04/10/23	
	18	CRM cycle	07-10-23	05/10/23	
	19	CRM cycle	09-10-23	06/10/23	
	20	Assessment Phase	12-10-23	07/10/23	
	21	Planning Phase	13-10-23	09/10/23	
	22	Planning Phase	14-10-23	09/10/23	
	23	Execute Phase	16-10-23	12/10/23	

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	24	Modules in CRM	17-10-23	13|10|23	
	25	Modules in CRM	18-10-23	16|10|23	
	26	4C's of CRM process	19-10-23	17|10|23	
	27	4C's of CRM process	20-10-23	18|10|23	
	28	CRM process for marketing organisation	21-10-23	19|10|23	20|10|23 (CL)
	29	CRM process for marketing organisation	25-10-23	21|10|23	
	30	CRM affiliation in Retailing sector	26-10-23	25|10|23	
	31	Revision/Problem Solving /Test	27-10-23	26|10|23	
Signed by →	**(After Complete the Unit) Faculty: Sharad HOD : Vivek Dean/Director :**				
Unit III (13)	32	Developing,CRM strategy.	28-10-23	27|10|23	
	33	Developing,CRM strategy.	30-10-23	28|10|23	
	34	CRM strategy process	31-10-23	28|10|23	
	35	Role of CRM in business strategy	01-11-23	30|10|23	
	36	Understanding service quality	02-11-23	31|10|23	
	37	Understanding service quality	03-11-23	31|10|23	
	38	Technical service quality	04-11-23	01|11|23	
	39	Technical service quality	06-11-23	02|11|23	
	40	Functional service quality	07-11-23	03|11|23	
	41	Functional service quality	10-11-23	03|11|23	
	42	Dimensions of CRM	16-11-23	04|11|23	
	43	Managing customer communications	17-11-23	06|11|23	
	44	**Revision /test/ problem**	18-11-23	07|11|23	
Signed by →	**(After Complete the Unit) Faculty: Sharad HOD : Vivek Dean/Director :**				
Unit IV (13)	45	CRM implementation	20-11-23	10|11|23	
	46	Choosing Right CRM solutions;	21-11-23	16|11|23	
	47	Choosing Right CRM solutions;	22-11-23	17|11|23	
	48	5 phase in CRM	23-11-23	18|11|23	
	49	Development customisation	24-11-23	20|11|23	
	50	Development customisation	25-11-23	21|11|23	
	51	Beta test and data import	27-11-23	22|11|23	
	52	Train and Retain	28-11-23	23|11|23	24|11|23 (CL)
	53	Train and Retain	29-11-23	25|11|23	
	54	Roll out	30-11-23	27|11|23	
	55	System Hand off support	01-12-23	28|11|23	
	56	System Hand off support	02-12-23	29|11|23	
	57	**Revision/Problem Solving /Test**	04-12-23	30|11|23	
Signed by →	**(After Complete the Unit) Faculty: Sharad HOD : Vivek Dean/Director :**				

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Unit V (16)	58	Sale force Automation	05-12-23	01-12-23	
	59	components of SFA	06-12-23	02/12/23	
	60	Benefits of sales force automation	07-12-23	04/12/23	
	61	Benefits of sales force automation	08-12-23	05/12/23	
	62	Sale process Activity	09-12-23	06/12/23	
	63	Benefits of sales process activity	11-12-23	07/12/23	
	64	Benefits of sales process activity	12-12-23	08/12/23	
	65	Field force Automation	13-12-23	09/12/23	
	66	Benefits of FFA	14-12-23	11/12/23	
	67	components of FFA	16-12-23	12/12/23	
	68	Customer Relationship on the internet	18-12-23	13/12/23	
	69	Role of supplier	20-12-23	14/12/23	
	70	Role of supplier	21-12-23	16/12/23	
	71	Importance of supplier	22-12-23	18/12/23	
	72	Importance of supplier	23-12-23	20/12/23	21/12/23 (CL)
	73	**Revision / problem solving/ test**	26-12-23	22/12/23	
Signed by →	(After Complete the Unit) **Faculty:** Sharad **HOD :** Vivek **Dean/Director :**				

Approved By :
Sign of Dean/Director :

Checked By
Signature of HOD : Vivek

Prepared By: Sharad
Signature of Faculty

Co-ordinator
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Rajeev Rawal Institute:- Shri Ram College, Muzaffarnagar Department:-BBA

Subject & Code :- Arithmetic aptitude (568001) Semester :- 5th Sem (CA) Total Lecture:- 73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (17)	1	Introduction and formulas of Ratio and Proportion	15-09-23	15-09-23	
	2	Practice questions on ratio and proportion	16-09-23	16-09-23	
	3	Introduction and formulas of logarithm	18-09-23	18-09-23	
	4	Practice questions on logarithm	19-09-23	19-09-23	
	5	Formulas and questions on simple interest	20-09-23	20-09-23	
	6	Formulas and questions on compound interest	21-09-23	21-09-23	
	7	Practice questions on compound interest	23-09-23	21-09-23	
	8	Introduction and formulas of profit and loss	25-09-23	23-09-23	
	9	Questions on profit and loss	26-09-23	23-09-23	
	10	Introduction and questions on true discount	27-09-23	25-09-23	
	11	Practice questions on true discount	28-09-23	26-09-23	
	12	Introduction and formulas of partnership	29-09-23	27-09-23	
	13	Practice questions on partnership	30-09-23	28-09-23	
	14	Formulas of permutation and combination	03-10-23	29-09-23	
	15	Questions on permutation and combination	04-10-23	30-09-23	
	16	Practice questions on permutation and combination	05-10-23	03-10-23	
	17	**Revision of Unit- 1**	06-10-23	04-10-23	
Signed by →		**Faculty:** Rajeev **HOD :** **Dean/Director :**			
II Unit (21)	18	Problems on age	07-10-23	05-10-23	
	19	Practice on age related questions	09-10-23	06-10-23	
	20	Problems on numbers	12-10-23	06-10-23	
	21	Practice through questions related to numbers	13-10-23	09-10-23	07/10/23+CL
	22	Calendar	14-10-23	09-10-23	
	23	Practice questions on calendar	16-10-23	12-10-23	
	24	Problems on clock	17-10-23	13-10-23	
	25	Practice on clock related questions	18-10-23	14-10-23	
	26	Time and work	19-10-23	16-10-23	
	27	Questions on time and work	20-10-23	18-10-23	
	28	Practice questions on time and work	21-10-23	19/10/23	
	29	Time and distance	25-10-23	20/10/23	
	30	Practice questions on time and distance	26-10-23	21/10/23	
	31	Concept of Area	27-10-23	25/10/23	
	32	Questions related to area	28-10-23	26/10/23	
	33	Introduction and formulas of set theory	30-10-23	27/10/23	
	34	Questions related to set theory	31-10-23	28/10/23	
	35	Practice questions on set theory	01-11-23	30/10/23	

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	36	Introduction to function and relation	02-11-23	31/10/23	
	37	Questions related to function and relation	03-11-23	01/11/23	
	38	**Revision of Unit-2**	04-11-23	02/11/23	
Signed by →		**Faculty:** Rahul **HOD :** Vivek **Dean/Director :**			
	39	HCF and LCM	06-11-23	03/11/23	
	40	Practice questions on HCF and LCM	07-11-23	06-11-23	
	41	Decimal fraction	10-11-23	07-11-23	
	42	Problems on trains	16-11-23	10-11-23	
	43	Practice questions on problems on trains	17-11-23	16-11-23	
	44	Boat and stream	18-11-23	17-11-23	
III Unit (14)	45	Practice questions on boat and stream	20-11-23	18-11-23	
	46	Syllogism	21-11-23	21-11-23	
	47	Practice questions on syllogism	22-11-23	22-11-23	
	48	Practice questions on syllogism	23-11-23	23-11-23	
	49	Direction tests	24-11-23	24-11-23	
	50	Seating arrangements	25-11-23	25-11-23	
	51	Practice questions on seating arrangements	27-11-23	27-11-23	
	52	**Revision of Unit-3**	28-11-23	28-11-23	
Signed by →		**Faculty:** Rahul **HOD :** Vivek **Dean/Director :**			
	53	Data interpretation: Description of data	29-11-23	29-11-23	
	54	Practice on description of data	30-11-23	30-11-23	
	55	Tabulation	01-12-23	01-12-23	
	56	Practice on tabulation	02-12-23	02-12-23	
	57	Bar diagram	04-12-23	04-12-23	
IV Unit (12)	58	Pie chart	05-12-23	05-12-23	
	59	Line graph	06-12-23	06-12-23	
	60	Sequence and series	07-12-23	07-12-23	
	61	Practice on sequence and series	08-12-23	08-12-23	
	62	Number series	09-12-23	09-12-23	
	63	Practice on number series	11-12-23	11-12-23	
	64	**Revision of Unit-4**	12-12-23	12-12-23	
Signed by →		**Faculty:** Rahul **HOD :** Vivek **Dean/Director :**			
	65	Introduction to matrix and types of matrix	13-12-23	13-12-23	
	66	Types of matrix	14-12-23	14-12-23	
	67	Addition and subtraction of matrix	16-12-23	16-12-23	
	68	Multiplication of matrix	18-12-23	18-12-23	
V Unit (09)	69	Inverse of matrix	20-12-23	20-12-23	
	70	Questions on inverse of matrix	21-12-23	21-12-23	
	71	Solution of linear Equations by Matrix Inversion Method.	22-12-23	22-12-23	
	72	Practice on solution of linear equation	23-12-23	23-12-23	
	73	**Revision of Unit-5**	26-12-23	26-12-23	
Signed by →		**Faculty:** Rahul **HOD :** Vivek **Dean/Director :**			

Approved By :
Signature of Dean/Director :

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IQAC, Shri Ram College
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Checked By:
Signature of HOD : Vivek

Prepared By:
Signature of Faculty : Rahul

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SHRI RAM COLLEGE, MUZAFFARNAGAR

DEPARTMENT OF BUSINESS ADMINISTRATION

Name of Faculty:- Sagar Shukla Institute:- SRC Department:- BBA

Subject & Code :- GBA & 568003 Year & Semester :- III (V) Total Lecture:- 73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (15)	1	Introduction to International Business	15-09-23	15-09-23	
	2	Major world organizations	16-09-23	16-09-23	
	3	International Monetary Funds	18-09-23	18-09-23	
	4	World Bank and its Group	19-09-23	19-09-23	
	5	World Trade Organization	20-09-23	20-09-23	
	6	United Nations and its function	21-09-23	21-09-23	
	7	Function of ASEAN	23-09-23	23-09-23	
	8	SAARC Group	25-09-23	25-09-23	
	9	What is BRICS	26-09-23	26-09-23	
	10	Organization and its Function	27-09-23	27-09-23	
	11	Entrepreneur and its Types	28-09-23	28-09-23	
	12	Company vs Industry	29-09-23	29-09-23	
	13	Trademark and Logos	30-09-23	30-09-23	
	14	Globalization and Liberalization	03-10-23	03-10-23	
	15	**Revision of Unit- 1**	04-10-23	04-10-23	
Signed by →		**Faculty:** Sagar **HOD :** **Dean/Director :**			
II Unit (15)	16	Physical features of Indian Geography	05-10-23	05-10-23	
	17	The Himalyan Mountains	06-10-23	06-10-23	
	18	The Northern Plains	07-10-23	07-10-23	
	19	The Peninsular Plateau	09-10-23	09-10-23	
	20	The Indian Desert	12-10-23	12-10-23	
	21	The Costal Plains	13-10-23	13-10-23	
	22	The Islands	14-10-23	14-10-23	
	23	Physical Features of the world	16-10-23	16-10-23	
	24	Physical Features of the World	17-10-23	17-10-23	
	25	Physical Features of the world	18-10-23	18-10-23	
	26	Vedic culture	19-10-23	19-10-23	
	27	Historical Monuments	20-10-23	20-10-23	
	28	Ancient temples	21-10-23	21-10-23	
	29	Contribution of indian continent to world	25-10-23	25-10-23	
	30	**Revision of Unit-2**	26-10-23	26-10-23	
Signed by →		**Faculty:** Sagar **HOD :** **Dean/Director :**			
	31	Introduction to everyday science	27-10-23	27-10-23	28.10.23 (CL)
	32	Theoretical aspect of physics	28-10-23	30-10-23	
	33	Theoretical aspect of Chemistry	30-10-23	31-10-23	
	34	IT technologies	31-10-23	01-11-23	

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III Unit (18)	35	Space Missions	01-11-23	02-11-23	
	36	Current affair	02-11-23	03-11-23	
	37	General Knowledge	03-11-23	04-11-23	
	38	Population Census	04-11-23	06-11-23	
	39	Books and writers	06-11-23	07-11-23	
	40	Sports achievements for india	07-11-23	10-11-23	
	41	Olympic Games	10-11-23	16-11-23	
	42	Asian games	16-11-23	17-11-23	
	43	World Games	17-11-23	18-11-23	
	44	State animal and symbol	18-11-23	20-11-23	
	45	Award and importance	20-11-23	21-11-23	
	46	Noble prize and discoveries	21-11-23	22-11-23	
	47	Important discoveries	22-11-23	23-11-23	
	48	**Revision of Unit-3**	23-11-23	24-11-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
IV Unit (13)	49	Theoretical aspect of indian economy	24-11-23	25-11-23	
	50	Practical aspect of indian economy	25-11-23	27-11-23	
	51	Theoretical aspect of worlds economy	27-11-23	28-11-23	
	52	Practical aspect of worlds economy	28-11-23	29-11-23	
	53	Indian macroeconomics indicators	29-11-23	30-11-23	
	54	Inflationary trends	30-11-23	01-12-23	
	55	World GDP	01-12-23	02-12-23	
	56	Indian GDP	02-12-23	04-12-23	
	57	Latest development in business world	04-12-23	05-12-23	
	58	Merger and takeovers	05-12-23	06-12-23	
	59	New product launch	06-12-23	07-12-23	
	60	Launch and Commercialization	07-12-23	08-12-23	
	61	**Revision of Unit-4**	08-12-23	09-12-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
V Unit (12)	62	Indian constitution and polity	09-12-23	11-12-23	
	63	Working of indian political system	11-12-23	12-12-23	
	64	Political parties	12-12-23	13-12-23	
	65	Scheme launched by government	13-12-23	14-12-23	
	66	Institution of president	14-12-23	16-12-23	
	67	Lok sabha and Rajya Sabha	16-12-23	18-12-23	
	68	Prime minister , Chief miniter	18-12-23	20-12-23	
	69	Parliament and state legislature	20-12-23	21-12-23	
	70	Supremecourt of IndiaHighCourt	21-12-23	22-12-23	
	71	HighCourt of India	22-12-23	23-12-23	
	72	Speaker of House	23-12-23	26-12-23	
	73	**Revision of Unit-5**	26-12-23	27-12-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

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Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Chairman
IQAC, Shri Ram College,
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SHRI RAM COLLEGE, MUZAFFARNAGAR
DEPARTMENT OF BUSINESS ADMINISTRATION

Name of Faculty:- Jatin Singhal Institute:- Shri Ram College Department:-BBA
Subject & Code:- AR (0568102) Year & Semester :- IIIrd / Vth Total Lecture:-73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (11)	1	**Introduction about Subject**	15-09-23	15-09-23	
	2	Meaning of Emotional Intelligence	16-09-23	16-09-23	
	3	Meaning of Social Intelligence	18-09-23	18-09-23	
	4	Critical thinking	19-09-23	19-09-23	
	5	Non-verbal reasoning	20-09-23	20-09-23	
	6	Verbal reasoning	21-09-23	21-09-23	
	7	Series	23-09-23	21-09-23	
	8	Continue….	25-09-23	23-09-23	
	9	Data Structures	26-09-23	23-09-23	
	10	Continue….	27-09-23	25-09-23	
	11	**Revision/Problem Solving /Test**	28-09-23	26-09-23	
Signed by →		(After Complete the Unit) **Faculty:** Jatin **HOD :** Vivek **Dean/Director :**			
II Unit (14)	12	Blood relations	29-09-23	27-09-23	28-09-23-CL
	13	Blood relations	30-09-23	29-09-23	
	14	Venn diagram	03-10-23	30-09-23	
	15	Venn diagram	04-10-23	3-10-23	
	16	Word Formation	05-10-23	4-10-23	
	17	Matrix	06-10-23	5-10-23	
	18	Puzzle	07-10-23	6-10-23	
	19	Coding-Decoding	09-10-23	6-10-23	
	20	Logical Sequences	12-10-23	7-10-23	
	21	Proposition	13-10-23	9-10-23	
	22	Direction Sense	14-10-23	12-10-23	
	23	Direction Sense	16-10-23	13-10-23	
	24	Sets and Subsets	17-10-23	14-10-23	
	25	**Revision/Problem Solving /Test**	18-10-23	16-10-23	
Signed by →		(After Complete the Unit) **Faculty:** Jatin **HOD :** Vivek **Dean/Director :**			
	26	Analogy	19-10-23	18-10-23	17-10-23-CL
	27	Classification	20-10-23	19-10-23	
	28	Calendars	21-10-23	20-10-23	
	29	Calendars	25-10-23	21-10-23	
	30	Cubes and Clocks	26-10-23	25-10-23	
	31	Cubes and Clocks	27-10-23	26-10-23	
	32	Syllogisms	28-10-23	27-10-23	
	33	Syllogisms	30-10-23	28-10-23	
	34	Logical Sequences Statement Conclusion	31-10-23	30-10-23	

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	35	Data Arrangement	01-11-23	31-10-23	
	36	Data Arrangement	02-11-23	1-11-23	
	37	Data Arrangement	03-11-23	2-11-23	
	38	Family Tree	04-11-23	3-11-23	4-11-23-CL
	39	Family Tree	06-11-23	6-11-23	
	40	Binary Logic	07-11-23	7-11-23	
	41	Seating Arrangement	10-11-23	10-11-23	
	42	Seating Arrangement	16-11-23	16-11-23	
	43	Seating Arrangement	17-11-23	17-11-23	
	44	**Revision/Problem Solving /Test**	18-11-23	18-11-23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
IV Unit (07)	45	Similarities and Differences	20-11-23	21-11-23	20-11-23-CL
	46	Space Visualisation	21-11-23	22-11-23	
	47	Saptial Orientation	22-11-23	23-11-23	
	48	Problem Solving Analysis	23-11-23	24-11-23	
	49	Judgement	24-11-23	25-11-23	
	50	Decision Making	25-11-23	27-11-23	
	51	**Revision/Problem Solving /Test**	27-11-23	28-11-23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
V Unit (22)	52	Visual Memory	28-11-23	29-11-23	
	53	Discrimination	29-11-23	30-11-23	
	54	Observation	30-11-23	1-12-23	
	55	Arithmetical Reasoning	01-12-23	2-12-23	
	56	Arithmetical Reasoning	02-12-23	4-12-23	
	57	Arithmetical Reasoning	04-12-23	5-12-23	
	58	Figural Classification	05-12-23	6-12-23	
	59	Arithmetic Number Series	06-12-23	7-12-23	
	60	Arithmetic Number Series	07-12-23	8-12-23	
	61	Arithmetic Number Series	08-12-23	9-12-23	
	62	Tables	09-12-23	11-12-23	
	63	Tables	11-12-23	11-12-23	
	64	Tables	12-12-23	12-12-23	
	65	Pie Charts	13-12-23	13-12-23	
	66	Pie Charts	14-12-23	14-12-23	
	67	Line Graph	16-12-23	16-12-23	
	68	Line Graph	18-12-23	18-12-23	
	69	Bar Graph	20-12-23	20-12-23	
	70	Bar Graph	21-12-23	21-12-23	
	71	Bar Graph	22-12-23	22-12-23	
	72	Data Sufficiency	23-12-23	23-12-23	
	73	**Revision/Problem Solving /Test**	26-12-23	26-12-23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Chairman
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Shruti Mittal **Institute:-** SRC **Department:-** BBA

Subject & Code :- QTB **Year & Semester :-** I/II (A) **Total Lecture:-** 54

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (09)	1	Introduction of the subject	1 April 2024	1/4/24	
	2	Statistics type of data	2-04-24	2/4/24	
	3	Clasification& Tabulation of Data	3-04-24	3/4/24	
	4	Frequency Distribution	4-4-24.	5/4/24	
	5	continue topic	5/4/24	6/4/24	
	6	Meaning of diagrammatical	6/4/24	8/4/24	
	7	continue topic	8/4/24	9/4/24	
	8	Graphical presentation of data	9/4/24	10/4/24	
	9	**Revision/Problem Solving /Test**	10/4/24	11/4/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit II (16)	10	Measurement of Central tendency	12-4-24	12/4/24	
	11	Continue topic	13-4-24	13/4/24	
	12	Mean	15-4-24	15/4/24	
	13	continue topic	18-4-24	16/4/24	
	14	Median	19-4-24	17/4/24	
	15	continue topic	20-4-24	18/4/24	
	16	Mode	22-4-24	20/4/24	
	17	continue topic	23-4-24	23/4/24	
	18	Measures of Dispersion	24-4-24	25/4/24	CL in 24/04/24
	19	continue topic	25-4-24	26/4/24	
	20	Range	26-4-24	27/4/24	
	21	Mean Deviation	27-4-24	29/4/24	
	22	continue topic	29-4-24	30/4/24	
	23	Standard deviation	30-4-24	3/5/24	
	24	continue topic	1/5/24	4/5/24	
	25	**Revision/Problem Solving /Test**	2/5/24	6/5/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
	26	Correlation	3/5/24	8/5/24	
	27	Significance of correlation	6/5/24	9/5/24	
	28	Types of correaltion	7/5/24	10-5-24	
	29	Scatter diagram method	8/5/24	11-5-24	

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Unit III (12)	30	Karl pearson coefficient of correlation	9-5-24	13-5-24	
	31	continue topic	10-5-24	14-5-24	
	32	Spearman's coefficient of rank correlation	11-5-24	15-5-24	
	33	Meaning of Regression	13-5-24	16-5-24	
	34	Regression lines	14-5-24	18-5-24	
	35	Regression Equation	15-5-24	21-5-24	
	36	Regression coefficient	16-5-24	23-5-24	
	37	**Revision/Problem Solving /Test**	17-5-24	25/5/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**		**Dean/Director :**
Unit IV (07)	38	Analysis of time series	20/5/24	27/5/24	
	39	continue topic	21/5/24	28/5/24	
	40	Index Numbers	22/5/24	30/5/24	
	41	continue topic	23/5/24	31/5/24	
	42	Interpolation & Extrapolation	24/5/24	3/6/24	
	43	continue topic	27/5/24	6/6/24	
	44	**Revision/Problem Solving /Test**	28/5/24	7/6/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**		**Dean/Director :**
Unit V (10)	45	Meaning of probability	29/5/24	8/6/24	
	46	Definition of probability	30/5/24	10/6/24	
	47	Additive rules of probability	31/5/24	11/6/24	
	48	Multiplicative rules of probability	1/06/24	13/6/24	
	49	Bay's Theorem	3/6/24	15/6/24	
	50	Simple numerical	4/6/24	18/6/24	
	51	Probability distribution	5/6/24	20/6/24	
	52	Binomial distribution	18/6/24	22/6/24	
	53	Poision & normal distribution	19/6/24	25/6/24	
	54	**Revision / problem solving/ test**	20/6/24	26/6/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**		**Dean/Director :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Nivedita Chaturvedi **Institute:-** SRC **Department:-** BBA

Subject & Code :- BC **Year & Semester :-** I/II **Total Lecture:-** 54

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Period	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
Unit I (09)	1	Introduction of the subject	01-04-24	1/04/24	
	2	Meaning and definition of business communication	02-04-24	2/04/24	
	3	Nature and essentials of business communicaion	03-04-24	2/04/24	3/04/24 CL
	4	Scope of business communication	04-04-24	4/04/24	
	5	Forms of communication	05-04-24	5/04/24	
	6	Communication model and process	06-04-24	6/04/24	
	7	Principles of effective communication	08-04-24	8/4/24	
	8	Oral communication meaning	09-04-24	9/4/24	
	9	**Revision/Problem Solving /Test**	10-04-24	10/4/24	
Signed by →		(After Complete the Unit) **Faculty:** Nivedita **HOD :** **Dean/Director :**			
Unit II (11)	10	Meaning of corporate communication	12-04-24	12/04/24	
	11	Formal and Informal communication	13-04-24	13/04/24	
	12	Continue topic	15-04-24	15/04/24	
	13	Networks of commuication	16-04-24	16/04/24	
	14	Grapevine communication	19-04-24	19/04/24	
	15	Barriers in communication	20-04-24	19/04/24	20/4/24 CL
	16	Groups discussion	22-04-24	22/04/24	
	17	Mock interviews	23-04-24	23/04/24	

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	18	Seminsrs	24-04-24	24|04|24	
	19	Individual and group presentation	25-04-24	25|04|24	
	20	**Revision/Problem Solving /Test**	26-04-24	26|04|24	
Signed by →		(After Complete the Unit) **Faculty:** Nivedita **HOD :** Vivek **Dean/Director :**			
Unit III (10)	21	Essential of effective business letters	27-04-24	27|04|24	
	22	Continue topic	29-04-24	29|04|24	
	23	Importance of business letters	30-04-24	3|04|24	
	24	Continue topic	01-05-24	1|05|24	
	25	Letters correspondence with bank	02-05-24	02|05|24	
	26	Continue topic	03-05-24	3|05|24	
	27	Letters for insurance companies	04-05-24	4|05|24	
	28	Continue topic	06-05-24	6|05|24	
	29	Importance of commercial letters	07-05-24	6|05|24	
	30	**Revision/Problem Solving /Test**	08-05-24	7|05|24	8|05|24CL
Signed by →		(After Complete the Unit) **Faculty:** Nivedita **HOD :** Vivek **Dean/Director :**			
Unit IV (14)	31	Oral communication meaning	09-05-24	9|05|24	
	32	Meaning of non verbal communication	10-05-24	10|05|24	
	33	Continue topic	11-05-24	11|05|24	
	34	Principles of oral presentation	13-05-24	13|05|24	
	35	Factors affecting presentation	14-05-24	14|05|24	
	36	Continue topic	15-05-24	15|05|24	
	37	Effective presentation skills	16-05-24	16|05|24	
	38	Conducting surveys	17-05-24	17|05|24	
	39	Body language , para language	20-05-24	20|05|24	

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	40	Continue topic	21-05-24	20/05/24	21/05/24 CL
	41	Interviewing skill,writing resume	22-05-24	22/05/24	
	42	Continue topic	23-05-24	23/05/24	
	43	Letter or application	24-05-24	24/05/24	
	44	**Revision / problem solving/ test**	27-05-24	27/05/24	
Signed by →		(After Complete the Unit) **Faculty:** Nivedita **HOD :** **Dean/Director :**			
Unit V (10)	45	Forms of communication	28-05-24	28/05/24	
	46	Modern forms of communication	29-05-24	29/05/24	
	47	Continue topic	30-05-24	30/05/24	
	48	International communication	01-06-24	1/06/24	
	49	Continue topic	03-06-24	3/06/24	
	50	Cultural sensitiveness	04-06-24	4/06/24	
	51	Cultural context	05-06-24	4/06/24	5/6/24 CL
	52	Continue topic	18-06-24	18/06/24	
	53	Situations.	19-06-24	19/06/24	
	54	**Revision / problem solving/ test**	20-06-24	20/06/24	
Signed by →		(After Complete the Unit) **Faculty:** Nivedita **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :
Faculty :

Checked By:
Signature of HOD :

Prepared By: Nivedita
Signature of

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Atul Raghuvanshi Institute:- Shri Ram College Department:- Business Administration

Subject & Code :- HRM Year & Semester :- I & II Total Lecture:- 54

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (11)	1	**Introduction about Subject**	01-04-24	1/04/2024	
	2	Meaning of HRM	02-04-24	2/04/24	
	3	Objective of HRM	03-04-24	3/04/24	
	4	Process of HRM	04-04-24	4/04/24	
	5	HRM v/s. Personnel management	05-04-24	05/04/24	
	6	HRM v/s. HRD	06-04-24	05/04/24	6/4/24 CL
	7	Strutureof HRD SYSTEM	08-04-24	08/04/24	
	8	Objectives of HRD	09-04-24	08/04/24	
	9	Focus System of HRD	10-04-24	09/04/24	
	10	Role of HRD Manpower	12-04-24	10/04/24	
	11	**Revision/Problem Solving /Test**	13-04-24	12/04/24	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vivek **Dean/Director :**			
II Unit (9)	12	HR Policies	15-04-24	13/04/24	
	13	HR Strategies Introduction	16-04-24	15/04/24	
	14	Role of HR in Strategic Management	19-04-24	15/04/24	
	15	HR Policies & Procedures	20-04-24	16/04/24	
	16	HR Program	22-04-24	19/04/24	
	17	Developing of HR policies & Strategies	23-04-24	19/04/24	20/04/24 CL
	18	International HRM	24-04-24	22/04/24	
	19	Domestic HRM	25-04-24	23/04/24	
	20	International HRM v/s Domestic HRM	26-04-24	24/04/24	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vivek **Dean/Director :**			
III Unit (14)	21	HR Procurement	27-04-24	25/04/24	
	22	Mobility productivity and improvement	29-04-24	26/04/24	
	23	Improve Job Analysis	30-04-24	27/04/24	
	24	Job Design	01-05-24	29/04/24	
	25	Work Measurement	02-05-24	30/04/24	
	26	Ergonomics	03-05-24	01/05/24	
	27	HR Planning Objectives & Activites	06-05-24	02/05/24	
	28	Manpower Requirement Process	07-05-24	03/05/24	
	29	Recruitment & Selection	08-05-24	06/05/24	
	30	Career Planning & Development	09-05-24	07/05/24	
	31	Training Methods	10-05-24	08/05/24	
	32	Basis Concept of Performance Appraisal	11-05-24	09/05/24	
	33	Promotion & Transfer	13-05-24	10/05/24	

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	34	**Revision/Problem Solving /Test**	14-05-24	11/05/24	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vivek **Dean/Director :**			
IV Unit (10)	35	Employee Compensation Wage Policy	15-05-24	13/05/24	
	36	Wage Determination Wages Boar	16-05-24	14/05/24	
	37	Factors Affecting Wages & Salary	17-05-24	15/05/24	
	38	System of Payments	20-05-24	16/05/24	
	39	Job Evaluation	21-05-24	17/05/24	20/05/24(CL)
	40	Components of wages /salary	22-05-24	21/05/24	
	41	DA , incentives	23-05-24	22/05/24	
	42	Bonus	24-05-24	23/5/24	
	43	Fringe Benefits	27-05-24	24/5/24	
	44	**Revision/Problem Solving /Test**	28-05-24	27/05/24	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vivek **Dean/Director :**			
V Unit (10)	45	Employee Relation Discipline	29-05-24	28/05/24	
	46	Grievance Handling	30-05-24	29/05/24	
	47	Types of Trades	31-05-24	30/05/24	
	48	Problems of Trade union	01-06-24	31/05/24	
	49	Nature of E-HRM	03-06-24	01/06/24	
	50	E- Activies	04-06-24	03/06/24	
	51	Recruitment, Selection	05-06-24	04/06/24	
	52	Performance Management	18-06-24	05/6/24	
	53	Compensation	19-06-24	18/6/24	
	54	**Revision/Problem Solving /Test**	20-06-24	19/6/24	
Signed by →		(After Complete the Unit) **Faculty:** Atul **HOD :** Vivek **Dean/Director :**			

Atul

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : Vivek

Prepared By:
Signature of Faculty :

Co-ordinator
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Muzaffarnagar

Chairman
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Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Sharad Kaushik Institute:- Shri Ram College Department:-BBA

Subject & Code : Consumer Behaviour Year/semester:- 2nd yr/4th sem (CA) Total Lecture:- 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (6)	1	Introduction to consumer behaviour	15-4-24	15-4-24	
	2	Importance, Need, Features & Types	16-4-24	16-4-24	
	3	Advantages of cb	19-4-24	19-4-24	
	4	Limitations of cb	20-4-24	20-4-24	
	5	Consumer research process.	22-4-24	22-4-24	
	6	**Revision/Problem Solving /Test**	23-4-24	23-4-24	
Signed by →		(After Complete the Unit) **Faculty:** Sharad **HOD :** Vivek **Dean/Director :**			
II Unit (8)	7	consumer model	24-4-24	24-4-24	
	8	Economic model,	25-4-24	25-4-24	
	9	Psychoanalytic model	26-4-24	27-4-24	on leave
	10	sociological model	27-4-24	29-4-24	
	11	Howard & Seth model	29-4-24	30-4-24	
	12	Nicosia model	30-4-24	1-5-24	
	13	Engel-kollat-Blackwell model.	1-5-24	2-5-24	
	14	**Revision/Problem Solving /Test**	2-5-24	3-5-24	
Signed by →		(After Complete the Unit) **Faculty:** Sharad **HOD :** Vivek **Dean/Director :**			
III Unit (11)	15	Individual determinates:	3-5-24	6-5-24	
	16	Perceptual process	6-5-24	7-5-24	
	17	consumer learning process	7-5-24	8-5-24	on leave
	18	attitude measurement	8-5-24	9-5-24	
	19	meaning	9-5-24	10-5-24	
	20	meaning of personality	10-5-24	10-5-24	
	21	nature ofpersonality	11-5-24	13-5-24	
	22	self concept	13-5-24	14-5-24	
	23	nature of self concept	14-5-24	15-5-24	
	24	importance	15-5-24	16-5-24.	
	25	**Revision/Problem Solving /Test**	16-5-24	17-5-24	on leave
Signed by →		(After Complete the Unit) **Faculty:** Sharad **HOD :** Vivek **Dean/Director :**			
IV Unit (10)	26	Influences & Consumer Decision making	17-5-24	20-5-24	
	27	Family,	20-5-24	21-5-24	
	28	reference group,	21-5-24	22-5-24	
	29	personal, influence on CB,	22-5-24	23-5-24	
	30	social & cultura influence on CB,	23-5-24	24-5-24	
	31	cultural influence on CB,	24-5-24	24-5-24	

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	32	Consumer Decision making process,	24-5-24	29-5-24	on Leave
	33	Consumer Communication process	28-5-24	30-5-24	
	34	consumer satisfaction.	29-5-24	31-5-24	
	35	**Revision/Problem Solving /Test**	30-5-24	1-6-24	
Signed by →		(After Complete the Unit) **Faculty:** Shavad **HOD :** Vivek **Dean/Director :**			
V Unit (8)	36	Industrial Buying Behaviour	31-5-24	3-6-24	
	37	meaning of industrial market	1-6-24	4-6-24	
	38	characteristics of industrial markets,	3-6-24	5-6-24	
	39	types of industrial markets	4-6-24	8-6-24	
	40	factors influencing industrial markets	5-6-24	19-6-24	
	41	stages of industrial buying process,	8-6-24	20-6-24	
	42	Customer and marketing of services.	19-6-24	21-6-24	
	43	**Revision/Problem Solving /Test**	20-6-24	22-6-24	
Signed by →		(After Complete the Unit) **Faculty:** Shavad **HOD :** Vivek **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : Vivek

Prepared By: Shavad
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Mudra Mittal Institute:- S.R.C. Department:- B.BA

Subject & Code :- Financial Management Year & Semester :- IV/IIYear (B) Total Lecture:- 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (08)	1	**Introduction of Financial Management**	15-4-24	15-4-24	
	2	Meaning and definition og FM	16-4-24	16-4-24	
	3	Fiance functions	19-4-24	19-4-24	
	4	objectives of FM	20-4-24	20-4-24	
	5	Profitabilityvs Shareholder Wealth maximization	22-4-24	22-4-24	
	6	Time valueof money	23-4-24	23-4-24	On Leave
	7	Continue topic	24-4-24	25-4-24	
	8	**Revision/Problem Solving /Test**	25-4-24	26-4-24	
Signed by →		(After Complete the Unit) Faculty: Mudra HOD : Vinod Dean/Director :			
II Unit (14)	9	Capitalization concept	26-4-24	27-4-24	
	10	Theories and Concepts Of Capitalisation	27-4-24	29-4-24	
	11	Over Capitalisation	29-4-24	30-4-24	
	12	Under Capitalisation	30-4-24	1-5-24	
	13	Optimum Capitalisation	1-5-24	2-5-24	
	14	Numerial Problems	2-5-24	3-5-24	
	15	Capital Structure	3-5-24	6-5-24	
	16	Planning of Capital Structure	6-6-24	7-5-24	
	17	Determinants of capital structure	7-5-24	8-5-24	
	18	Theories of Capital Sturcture	8-5-24	9-5-24	
	19	Continue topic	9-5-24	10-5-24	
	20	Capital Structure Decision	10-5-24	11-5-24	
	21	Leverage Analysis	11-5-24	13-5-24	
	22	**Revision/Problem Solving /Test**	13-5-24	14-5-24	
Signed by →		(After Complete the Unit) Faculty: Mudra HOD : Vinod Dean/Director :			
III Unit (07)	23	Cost of capital	14-5-24	15-5-24	On Leave
	24	Capital budgeting	15-5-24	16-5-24	
	25	NPV	16-5-24	17-5-24	
	26	IRR	17-5-24	20-5-24	
	27	ARR	20-5-24	21-5-24	
	28	Analysis of risk &Uncertainty	21-5-24	22-5-24	
	29	**Revision/Problem Solving /Test**	22-5-24	23-5-24	
Signed by →		(After Complete the Unit) Faculty: Mudra HOD : Vinod Dean/Director :			
IV Unit (04)	30	Working capital	23-5-24	24-5-24	
	31	Approaches to the Financing of current assests determining capital	24-5-24	27-5-24	On
	32	Managemnet of different components of working capital	27-5-24	28-5-24	Leave
	33	**Revision/Problem Solving /Test**	28-5-24	29-5-24	
Signed by →		(After Complete the Unit) Faculty: Mudra HOD : Vinod Dean/Director :			
V Unit (10)	34	Concept of diviend decision	29-5-24	30-5-24	
	35	Relevance of dividend decision	30-5-24	30-5-24	
	36	Continue topic	31-5-24	31-5-24	
	37	Walter model	1-6-24	1-6-24	
	38	Gordons model	3-6-24	3-6-24	
	39	Mmhypothesis	4-6-24	4-6-24	
	40	Dividend policy	5-6-24	5-6-24	

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41	Continue topic	18-6-24	19-6-24	
42	Determinants of dividend policy	19-6-24	20-6-24	
43	**Revision/Problem Solving /Test**	20-6-24	21-6-24	
Signed by →	(After Complete the Unit) **Faculty :**	**HOD :**	**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Anshuman Kaler Institute:- SRC Department:- BBA

Subject & Code :- POM Year & Semester :- II/IV(C) Total Lecture:- 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (08)	1	Meaning of Production management	15-04-24	15-04-24	
	2	Nature and scope of P.M	16-04-24	16-04-24	
	3	function of P.M	19-04-24	19-04-24	
	4	Production system	20-04-24	20-04-24	
	5	Responsibility of an production manager	22-04-24	22-04-24	
	6	production planning and control	23-04-24	23-04-24	
	7	Objective of PPC	24-04-24	24-04-24	
	8	**Revision/Problem Solving /Test**	25-04-24	25-04-24	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman **HOD :** **Dean/Director :**			
II Unit (07)	9	Meaning , Types of manufacturing system	26-04-24	26-04-24	
	10	inetermittent production process	27-04-24	27-04-24	
	11	inetermittent system	29-04-24	29-04-24	
	12	continous prodction system	30-04-24	30-04-24	01/05/24 CL
	13	product design and its steps	01-05-24	02-05-24	
	14	product development and its steps	02-05-24	03-05-24	
	15	**Revision/Problem Solving /Test**	03-05-24	06-05-24	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman **HOD :** **Dean/Director :**			
III Unit (10)	16	plant location	06-05-24	07-05-24	
	17	Factors affecting plant location	07-05-24	08-05-24	
	18	Inductive theory of plant location	08-05-24	09-05-24	
	19	Deductive theory of plant location	09-05-24	10-05-24	
	20	plant location	10-05-24	11-05-24	
	21	Essentials of plant layout	11-05-24	13-05-24	
	22	factors affecting plant layout	13-05-24	14-05-24	
	23	Types of plant layout	14-05-24	15-05-24	
	24	work study and method study	15-05-24	16-05-24	
	25	**Revision/Problem Solving /Test**	16-05-24	17-05-24	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman **HOD :** **Dean/Director :**			
IV Unit (09)	26	material management & inventory control	17-05-24	20-05-24	
	27	purchasing economic lot quality	20-05-24	22-05-24	21/05/24 (CL)
	28	economic order quantity	21-05-24	23-05-24	
	29	lead time	22-05-24	24-05-24	
	30	lead time , essencials	23-05-24	27-05-24	
	31	reoder level	24-05-24	28-05-24	
	32	Breif analysis of ABC	27-05-24	29-05-24	
	33	stock keeping	28-05-24	29-05-24	
	34	**Revision/Problem Solving /Test**	29-05-24	30-05-24	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman **HOD :** **Dean/Director :**			

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Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
V Unit (09)	35	Definition of quality control	30-05-24	31-05-24	
	36	quality assurance	31-05-24	01-05-24	
	37	quality circles	01-06-24	03-06-24	
	38	Importance of quality circles	03-06-24	04-06-24	
	39	TQM techniques	04-06-24	05-06-24	
	40	JIT	05-06-24	18-06-24	
	41	statistical quality control	18-06-24	18-06-24	
	42	Techniques of statistical quality control	19-06-24	19-06-24	
	43	**Revision/Problem Solving /Test**	20-06-24	20-06-24	
Signed by →		(After Complete the Unit) **Faculty:** Anshuman	**HOD :**	**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Anshuman
Signature of Faculty :

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Chairman
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Muzaffarnagar

SHRI RAM COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Mudra Mittal **Institute:-** SRC **Department:-** BBA

Subject & Code :- SMBP **Year & Semester :-** II/IV sem(A) **Total Lecture:-** 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No.	**Lect ur**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
Unit I (06)	1	Meaning, Nature,& importance of Business Policy	15-04-24	15/04/24	
	2	Development of Policy	16-04-24	16/4/24	
	3	Classification of Business Policy	19-04-24	19/4/24	
	4	Classification of Business Policy	20-04-24	20/4/24	22/4/24
	5	Mechanism of policy Making	22-04-24	20/4/24	
	6	**Revision/Problem Solving /Test**	23-04-24	23/4/24	
Signed by →		(After Complete the Unit) **Faculty:** Mudra **HOD :**			
		Dean/Director :			
Unit II (09)	7	Responsibility of Top	24-04-24	24/4/24	
	8	Task of top management	25-04-24	25/4/24	
	9	Objective of Business	26-04-24	26/4/24	
	10	Characteristics and Classification	27-04-24	27/4/24	
	11	Type Of Objective	29-04-24	29/4/24	30/4/24
	12	Hierarchy of Objective	30-04-24	29/04/24	
	13	Setting of Objective	01-05-24	1/05/24	
	14	Key area Involved	02-05-24	2/05/24	
	15	**Revision/Problem Solving /Test**	03-05-24	3/05/24	
Signed by →		(After Complete the Unit) **Faculty:** Mudra **HOD :**			
		Dean/Director :			
Unit III (08)	16	Corporate Planning	06-05-24	6/05/24	
	17	Concept of long Term Planning	07-05-24	7/05/24	
	18	Concept of long Term Planning	08-05-24	8/05/24	
	19	Strategy Planning	09-05-24	9/05/24	
	20	Strategy Planning	10-05-24	10/05/24	
	21	Nature, Process, & Importance of	11-05-24	11/05/24	

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	22	Nature, Process, & Importance of	13-05-24	13/05/24	
	23	**Revision/Problem Solving /Test**	14-05-24	14/05/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
	24	Corporate Stratergy	15-05-24	15/05/24	
	25	Components, imporortance of Stratergy	16-05-24	16/05/24	
	26	Stratergy Formulation	17-05-24	17/05/24	
Unit IV (09)	27	Process And Affecting Factors	20-05-24	21/05/24	20/5/24CL
	28	Stratergy Evalution	21-05-24	21/05/24	
	29	Process, criteria	22-05-24	22/05/24	
	30	Environment analysis	23-05-24	23/05/24	
	31	Resource Analysis	24-05-24	24/05/24	
	32	**Revision / problem solving/ test**	27-05-24	27/05/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
	33	Porter's Five Forces Model	28-05-24	28/05/24	
	34	Porter's Five Forces Model	29-05-24	29/05/24	
	35	Porter's Five Forces Model	30-05-24	30/5/24	
	36	Concept of Synergy	31-05-24	31/05/24	
Unit V (11)	37	Synergy , Type	01-06-24	1/6/24	
	38	Synergy , Type	03-06-24	3/6/24	
	39	Evalution of Synergy	04-06-24	4/6/24	
	40	Capability Profiles	05-06-24	5/6/24	
	41	synergy as a Component to Strategy	18-06-24	18/6/24	
	42	its Relevance	19-06-24	19/6/24	
	43	**Revision / problem solving/ test**	20-06-24	20/6/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			

Approved By :	**Checked By:**	**Prepared By:**
Signature of Dean/Director :	Signature of HOD :	Signature of Faculty :

Co-ordinator
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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Hansika Jain | Institute:- Shri Ram College | Department:-BBA

Subject & Code :- Operation Research | Semester :- 6th | Total Lecture:- 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (06)	1	Introduction of Operation Research	15-4-23	15-4-23	
	2	Characteristics and Scope of Operation Research	16-4-23	16-4-23	
	3	Applications of Operation Research	19-4-23	19-4-23	
	4	Operation Research techniques	20-4-23	19-4-23	
	5	Operation Research and Managerial decision making, Models in Operation Research	22-4-23	20-4-23	
	6	**Revision of Unit- 1**	23-4-23	22-4-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
II Unit (12)	7	Introduction of Linear Programming	24-4-23	23-4-23	
	8	Mathematical Model of LPP	25-4-23	23-4-23	
	9	Components & Scope of LPP	26-4-23	24-4-23	
	10	Mathematical formulation of LPP Model, Steps of LPP Formulation	27-4-23	25-4-23	
	11	Applications of Linear Programming	29-4-23	26-4-23	27-4-23
	12	Solution of Linear programming	30-4-23	29-4-23	
	13	Solution of LPP- Graphic Method	1-5-23	30-4-23	
	14	[NUMERICAL PROBLEMS]	2-5-23	30-4-23	
	15	Simplex Method	3-5-23	1-5-23	
	16	[NUMERICAL PROBLEMS]	6-5-23	2-5-23	
	17	Simplex Method (Including Big M Method)	7-5-23	3-5-23	
	18	**Revision of Unit-2**	8-5-23	6-5-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
III Unit (11)	19	Introduction of Transportation Problem	9-5-23	7-5-23	
	20	Meaning and mathematical model of Transportation problem	10-5-23	8-5-23	
	21	Transportation Algorithm, Types of Transportation Problem	11-5-23	9-5-23	
	22	Steps for Solving NWCM, Methods of finding Initial Basic Feasible Solution-North West Corner Method	13-5-23	10-5-23	
	23	Methods of finding Initial Basic Feasible Solution-Least Cost Method	14-5-23	11-5-23	
	24	Steps for Solving VAM, Methods of finding Initial Basic Feasible Solution-Vogel's Approximation Method	15-5-23	13-5-23	
	25	MODI method of Optimal Solution	16-5-23	14,15-5-23	
	26	Optimality Test by MODI Method	17-5-23	16-5-23	
	27	Algorithm of Assignment Problem / Hungarian Method	20-5-23	17-5-23	

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	28	Difference between Transportation Problem and Assignment Problem, Variation in Assignment Problem	21-5-23	20-5-23	
	29	**Revision of Unit-3**	22-5-23	20-5-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
IV Unit (07)	30	Introduction & Meaning of Decision Making, Kinds of Decisions	23-5-23	22-5-23	
	31	Maximax , Maximin, Minimax, Laplace	24-5-23	23-5-23	
	32	Hurwinz Alpha Criterion,Regret Criterion	27-5-23	24-5-23	
	33	Decision Making Under Risk Criteria of EMV & EOL	28-5-23	27-5-23	
	34	[NUMERICAL PROBLEMS]	29-5-23	28-5-23	29-5-23
	35	Meaning & Applications of Decision Tree	30-5-23	30-5-23	
	36	**Revision of Unit-4**	31-5-23	31-5-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
V Unit (07)	37	Introduction- Network Fundamentals	1-6-23	1-6-23	
	38	Common Errors and Dummies in Network	3-6-23	3-6-23	
	39	Techniques for Project Planning and Control	4-6-23	4-6-23	
	40	Critical Path Method(CPM)	5-6-23	5-6-23	
	41	Program Evaluation and Review Technique (PERT)	18-6-23	18-6-23	
	42	Difference between CPM and PERT	19-6-23	19-6-23	
	43	**Revision of Unit-5**	20-6-23	20-6-23	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Co-ordinator
I.Q.A.C, Shri Ram College
Muzaffarnagar

Chairman
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Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR
DEPARTMENT OF BUSINESS ADMINISTRATION

Name of Faculty:- Jatin Singhal Institute:- SRC Department:- BBA

Subject & Code :- FOEC Year & Semester :- III/ Vsem Total Lecture:- 43

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (09)	1	Introduction of E-Commerce, its evolution	15-04-24	15-04-24	
	2	Meaning, Nature, Concept & Definition of E-Commerce	16-04-24	16-04-24	
	3	Infrastructure and Functions of E-commerce	19-04-24	19-04-24	
	4	Objective of E-Commerce	20-04-24	20-04-24	
	5	Types of E-Commerce	22-04-24	22-04-24	
	6	Continue……	23-04-24	23-04-24	
	7	Advantage & Limitation of E-Commerce	24-04-24	24-04-24	
	8	Basic Requirement of E-Commerce	25-04-24	25-04-24	
	9	**Revision of Unit-1**	26-04-24	26-04-24	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
II Unit (10)	10	Introduction of Internet	27-04-24	27-04-24	
	11	Concept & Evolution of Internet	29-04-24	29-04-24	
	12	Internet Usage, Services on the Internet	30-04-24	30-04-24	
	13	The World Wide Web (WWW)	01-05-24	01-05-24	
	14	Uniform Resource Locator (URL)	02-05-24	02-05-24	
	15	E-mail and FTP	03-05-24	03-05-24	
	16	Telnet	06-05-24	06-05-24	
	17	Internet & Extranet	07-05-24	07-05-24	
	18	Searches Engines	08-05-24	08-05-24	
	19	**Revision of Unit-2**	09-05-24	09-05-24	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
III Unit (08)	20	Introduction of Electronic Payment System	10-05-24	10-05-24	11-05-24 (CL)
	21	Procedure of E-Payment	11-05-24	13-05-24	
	22	E-Cash and E- Cheque	13-05-24	14-05-24	
	23	Smart Cards	14-05-24	15-05-24	
	24	E-Banking	15-05-24	16-05-24	
	25	Manufacturing Information Systems	16-05-24	17-05-24	
	26	Continue….....	17-05-24	20-05-24	
	27	**Revision of Unit-3**	20-05-24	21-05-24	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
	28	Introduction of EDI	21-05-24	22-05-24	
	29	Meaning and Definition of EDI	22-05-24	23-05-24	
	30	EDI Architecture and its Domain	23-05-24	24-05-24	
	31	The Data Boundary Layers	24-05-24	27-05-24	

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Unit (10)	32	How does EDI Works?	27-05-24	28-05-24	
	33	Payment through UPI	28-05-24	29-05-24	
	34	Payment through mobile wallet	29-05-24	30-05-24	
	35	Payment through phone banking	30-05-24	31-05-24	
	36	Payment through net banking	31-05-24	01-06-24	
	37	**Revision of Unit-4**	01-06-24	03-06-24	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			
V Unit (06)	38	Security Issue of E-Commerce	03-06-24	04-06-24	
	39	Site Security, Protecting the Network	04-06-24	05-06-24	
	40	Firewall, E-Locking	05-06-24	18-06-24	
	41	PKI (public key infrastructure)	18-06-24	19-06-24	
	42	Paymet gateway,VISA, Rupay, Mastercard	19-06-24	20-06-24	
	43	**Revision of Unit-5**	20-06-24	21-06-24	
Signed by →		**Faculty:** **HOD :** **Dean/Director :**			

Approved By :
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Checked By:
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Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR QIP - 2A

Name of Faculty:- Mr. Sumit Kumar Saini **Institute:-** SRC **Department:-** CA **Total Lecture:-** 75

Subject:- Computer Networks **Year & Semester :-** III & V **Session:-** 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (19)	1	Introduction to Subject	18-Sep-23	18-09-23	
	2	Components of data communication	19-Sep-23	19-09-23	
	3	Distributed processing	20-Sep-23	20-09-23	
	4	Standards and organizations	21-Sep-23	21-09-23	
	5	Continue Standards and organizations	22-Sep-23	22-09-23	
	6	Line configuration, topology	23-Sep-23	23-09-23	
	7	Continue topology	25-Sep-23	25-09-23	
	8	Transmission mode	26-Sep-23	26-09-23	
	9	Categories of networks	27-Sep-23	27-09-23	
	10	OSI Models: Layers	28-Sep-23	28-09-23	
	11	Continue OSI Models: Layers	29-Sep-23	29-09-23	
	12	TCP/IP Model	30-Sep-23	30-09-23	
	13	Layers and their functions	3-Oct-23	05-10-23	University Exam
	14	Continue to Layers and their functions	4-Oct-23	06-10-23	on leave
	15	Comparison of models	5-Oct-23	07-10-23	
	16	Digital Transmission: Interfaces	6-Oct-23	09-10-23	
	17	Modems: DTE-DCE Interface	7-Oct-23	10-10-23	
	18	**Revision/Problem Solving**	9-Oct-23	11-10-23	
	19	**Unit Test-1**	10-Oct-23	12-10-23	
Signed by →		(After Complete the Unit) **Director :**		**HOD :**	**Faculty:**
II Unit (10)	20	Transmission Media	11-Oct-23	13-10-23	
	21	Guided Media	12-Oct-23	14-10-23	
	22	Unguided Media	13-Oct-23	16-10-23	
	23	Attenuation, distortion, noise	14-Oct-23	17-10-23	
	24	Throughput, propagation speed and time,	16-Oct-23	18-10-23	
	25	Wavelength, Shannon capacity	17-Oct-23	19-10-23	
	26	Types of transmission Media	18-Oct-23	21-10-23	Due to Practical
	27	Comparison of media	19-Oct-23	25-10-23	
	28	**Revision/Problem Solving**	20-Oct-23	25-10-23	Extra Lecture
	29	**Unit Test-2**	21-Oct-23	26-10-23	
Signed by →		(After Complete the Unit) **Director :**		**HOD :**	**Faculty:**

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III Unit (19)	30	Telephony: Multiplexing	25-Oct-23	27-10-23	
	31	Types of Multiplexing	26-Oct-23	30-10-23	
	32	Error detection and correction: Many to one, One to many	27-Oct-23	31-10-23	
	33	WDM, TDM, FDM	28-Oct-23	01-11-23	
	34	Circuit switching	30-Oct-23	02-11-23	
	35	Packet switching	31-Oct-23	03-11-23	
	36	Message switching	1-Nov-23	04-11-23	
	37	Data link control protocols: Line discipline	2-Nov-23	08-11-23	
	38	Flow control and error control	3-Nov-23	09-11-23	
	39	Continue Flow control and error control	4-Nov-23	16-11-23	
	40	synchronous and asynchronous protocols	6-Nov-23	18-11-23	
	41	Character and bit oriented protocols, Link access procedures	7-Nov-23	18-11-23	Extra Lecture
	42	Continue Link access procedures	8-Nov-23	20-11-23	
	43	Point to point controls: Transmission states	9-Nov-23	21-11-23	
	44	PPP layers	10-Nov-23	21-11-23	Extra Lecture
	45	ISDN: Services, Historical outline, subscriber's access	15-Nov-23	22-11-23	
	46	ISDN Layers and broadcast ISDN	16-Nov-23	22-11-23	Extra Lecture
	47	**Revision/Problem Solving**	17-Nov-23	28-11-23	Leave & Fashion Splash
	48	**Unit Test-3**	18-Nov-23	29-11-23	
Signed by →		(After Complete the Unit) **Director :**		**HOD :**	**Faculty:**
IV Unit (14)	49	Repeaters, bridges	20-Nov-23	30-11-23	
	50	gateways, routers	21-Nov-23	30-11-23	Extra Lecture
	51	The Network Layer	22-Nov-23	01-12-23	
	52	Continue Network Layer	23-Nov-23	01-12-23	Extra Lecture
	53	Design issues	24-Nov-23	02-12-23	
	54	Routing algorithms	25-Nov-23	02-12-23	Extra Lecture
	55	Continue Routing algorithms	27-Nov-23	04-12-23	
	56	Congestion control Algorithms	28-Nov-23	04-12-23	Extra Lecture
	57	Continue Congestion control Algorithms	29-Nov-23	05-12-23	
	58	Quality of service	30-Nov-23	06-12-23	
	59	Internetworking	1-Dec-23	06-12-23	Extra Lecture
	60	Network-Layer in the internet	2-Dec-23	07-12-23	
	61	**Revision/Problem Solving**	4-Dec-23	08-12-23	
	62	**Unit Test-4**	5-Dec-23	09-12-23	
Signed by →		(After Completion of the Unit)**Faculty:**		**HOD :**	**Director :**

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V Unit (13)	63	Transport layer	6-Dec-23	12-12-23	On Leave
	64	Transport layer functions	7-Dec-23	12-12-23	Extra Lecture
	65	Continue Transport layer functions	8-Dec-23	13-12-23	On Leave
	66	Connection management	9-Dec-23	13-12-23	
	67	Session layers	11-Dec-23	13-12-23	Extra Lecture
	68	Functions of session layers	12-Dec-23	14-12-23	
	69	Continue Functions of session layers	13-Dec-23	14-12-23	Extra Lecture
	70	Presentation layer	14-Dec-23	15-12-23	
	71	Functions of Presentation layer	15-Dec-23	16-12-23	
	72	Continue Functions of Presentation layer	16-Dec-23	18-12-23	
	73	Application layer	18-Dec-23	18-12-23	Extra Lecture
	74	Functions of Application layer	19-Dec-23	19-12-23	
	75	**Revision/Problem Solving**	20-Dec-23	20-12-23	
Signed by →		(After Complete the Unit) **Director :**		**HOD :**	**Faculty:**

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Checked By:
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Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Sanjay Kant **Institute:-** SRC, MZN **Dept.:-** Computer Application

Subject & Code:- Java Programming **Semester:- Vth** **Total Lecture:-** 75 **Session**-2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. / No. of Periods allotted	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
	1	Introduction to Programming Languages, POP, OOP & Event Driven	18-Sep-23	18/Sep/23	
	2	History of Java, Features, Applications of Java	19-Sep-23	19/9/23	
	3	How to set JDK path and Java Environment	20-Sep-23	20/9/23	
	4	Tokens and Structure of Java Program	21-Sep-23	21/9/23	
	5	Data Types in Java	22-Sep-23	22/9/23	
	6	Operators in Java	23-Sep-23	23/9/23	
	7	Bitwise Operators	25-Sep-23	25/9/23	
	8	Conditional Statements - if statement, if-else Statement, if-else if- else Statement	26-Sep-23	26/9/23	
	9	Switch case statement with examples	27-Sep-23	27/9/23	
	10	Looping Statements - while loop, do-while loop, for loop	28-Sep-23	28/9/23	
	11	Labeled Loops and nested loops	29-Sep-23	29/9/23	
	12	Array and use of Array	30-Sep-23	30/9/23	
	13	Types of array with their creation, memory allocation and initialization	3-Oct-23	3/10/23	
	14	String and String methods	4-Oct-23	4/10/23	
	15	Vector Class and its methods	5-Oct-23	5/10/23	
	16	Wrapper Classes	6-Oct-23	6/10/23	
	17	Autoboxing and Unboxing	7-Oct-23	7/10/23	
	18	Constructors and its types	9-Oct-23	9/10/23	
	19	Inheritance and its types - Single and multilevel Inheritance	10-Oct-23	10/10/23	
	20	Hirerchical and Hybrid Inheritance	11-Oct-23	11/10/23	
	21	Final, super and abstract statements	12-Oct-23	12/10/23	
	22	Interface and its implementation	13-Oct-23	13/10/23	
	23	Package, System Define Package and its uses	14-Oct-23	14/10/23	
	24	User Defined Packages	16-Oct-23	16/10/23	
	25	Access Modifier, Use of Package in Other program	17-Oct-23	17/10/23	
	26	Exception Handling, Error - types	18-Oct-23	18/10/23	
	27	try, catch, finally	19-Oct-23	19/10/23	
	28	throw, throws statements	20-Oct-23	20/10/23	
	29	Multithreading and its life cycle	21-Oct-23	21/10/23	
	30	Example of Multithreading with yield (), sleep (), stop () methods.	25-Oct-23	25/10/23	

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31	Synchronization in threads	26-Oct-23	26/10/23	
32	Revision/Problem Solving of Unit -1	27-Oct-23	27/10/23	
33	Unit Test-1	28-Oct-23	28/10/23	

Signed by → (After Complete the Unit) **Director :** **HOD :** **Faculty:**

34	Introduction of Applet and its types, Application	30-Oct-23	30/10/23	
35	Life Cycle of Applet	31-Oct-23	31/10/23	
36	Graphics Functions	1-Nov-23	1/11/23	
37	Introduction to AWT and its Classes	2-Nov-23	2/11/23	
38	List, Choice, TextArea Classes with its	3-Nov-23	3/11/23	
39	CheckBox, CheckBoxGroup Classes with its	4-Nov-23	4/11/23	
40	Menubar, Menu, MenuItem Classes	6-Nov-23	6/11/23	
41	Layout Manager and its Types	7-Nov-23	7/11/23	
42	Revision/Problem Solving /Test	8-Nov-23	8/11/23	
43	Unit Test-2	9-Nov-23	9/11/23	

Signed by → (After Complete the Unit) **Director :** **HOD :** **Faculty:**

44	Networking Concept in java, Advantages and Disadvantages of Networking	10-Nov-23	16/11/23	
45	Sockets, Server Sockets Classes	15-Nov-23	17/11/23	
46	TCP/IP and Datagram Classes	16-Nov-23	18/11/23	
47	Connection Oriented and Connection less protocols	17-Nov-23	20/11/23	
48	Event delegation model, Event Source, Listeners	18-Nov-23	21/11/23	
49	Keyboard events and its classes	20-Nov-23	22/11/23	
50	Mouse Events and its Classes	21-Nov-23	23/11/23	
51	Adaptor Classes	22-Nov-23	27/11/23	24-25 Parthiam
52	JDBC Concept, JDBC Drivers	23-Nov-23	28/11/23	
53	How to connect java application with database with Example	24-Nov-23	29/11/23	
54	Revision/Problem Solving /Test	25-Nov-23	30/11/23	
55	Unit Test-3	27-Nov-23	1/12/23	

Signed by → (After Complete the Unit) **Director :** **HOD :** **Faculty:**

56	Introduction to HTML, Webpage, Website	28-Nov-23	2/12/23	
57	Tags and its types	29-Nov-23	4/12/23	
58	Formating Tags, Heading, Font, Paragraph, Bold, Italic, Underline	30-Nov-23	5/12/23	
59	Listing Ordered, Uncrdered, Definition	1-Dec-23	6/12/23	
60	Table, Caption, TH, TD, TR, Colspan, Rowspan, Frames	2-Dec-23	7/12/23	
61	Form, Input, Button, Select, Password	4-Dec-23	8/12/23	
62	Revision/Problem Solving /Test	5-Dec-23	9/12/23	
63	Unit Test-4	6-Dec-23	11/12/23	

Signed by → (After Complete the Unit) **Director :** **HOD :** **Faculty:**

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	64	Server Side Programming, Servlet Concept, CGI Vs. Servlet	7-Dec-23	12/12/23	
	65	Servlet Life Cycle, Sending and Receiving Information using servlet	8-Dec-23	14/12/23	13/12 CL
	66	Database Connectivity with servlet	9-Dec-23	15/12/23	
	67	Servlet Session Tracking	11-Dec-23	16/12/23	
	68	Revision/Problem Solving /Test	12-Dec-23	18/12/23	
	69	Unit Test-5	13-Dec-23	19/12/23	
Signed by →		(After Complete the Unit) **Director :**	**HOD :**	**Faculty:**	
	70	Introduction to JSP, JSP Vs. Servlet	14-Dec-23	20/12/23	
	71	JSP Life Cycle,JSP Custom Tags	15-Dec-23	21/12/23	
	72	JSP Declaration Tags	16-Dec-23	22/12/23	
	73	JSP Expression Tags	18-Dec-23	23/12/23	
	74	Login Form Example using JSP	19-Dec-23	25/12/23	
	75	Revision/Problem Solving of Unit - 6	20-Dec-23	26/12/23	
Signed by →		(After Complete the Unit) **Director :**	**HOD :**	**Faculty:**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:-Sanjay Kant Institute:- SRC Department:-C.A.

Subject & Code :- Java/ Year & Semester :- III/IV Total Lab:- 30

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab Allotted)	Name of Experiment/Practical	Planned Date	Actual Date	Faculty Signature
Lab-1	Write a Java Program to display Hello World on the screen	5/10/23	5/10/23	
Lab-2	Write a Java Program to input two numbers and display their Sum	5/10/23	5/10/23	
Lab-3	Write a Java program to check given number is odd or even	12/10/23	12/10/23	
Lab-4	Write a Java Program to illustrate ladder if-else	12/10/23	12/10/23	
Lab-5	Write a Java Programto illustrate switch	19/10/23	13/10/23	
Lab-6	Write a java program to evaluate factorial using while loop	26/10/23	26/10/23	
Lab-7	Write a java program to demonstrate the use of labeled for loop	2/11/23	2/11/23	
Lab-8	WAP to calculate the Simple Interest and Input by the user.	2/11/23	2/11/23	
Lab-9	Write a Java program to multiply two given matrices?	9/11/23	9/11/23	
Lab-10	Write a java program to calculate area of rectangle using class	9/11/23	9/11/23	
Lab-11	To write a program in java with Constructors and destructors	16/11/23	16/11/23	
Lab-12	To write a program in java to implement method overloading	16/11/23	16/11/23	
Lab-13	To write a program in Java to implement Inheritance.	23/11/23	23/11/23	
Lab-14	WAP to design a class using abstract Methods and Classes.	23/11/23	23/11/23	
Lab-15	WAP to design a String class that perform String Method(Equal,Reverse the string,change case).	30/11/23	30/11/23	
Lab-16	To write a program in Java to implement Interface	30/11/23	30/11/23	
Lab-17	To write a Program in Java to implement Multi Thread.	7/12/23	7/12/23	
Lab-18	To write a program in Java to implement Packages	7/12/23	7/12/23	

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Lab-19	WAP to find the average and sum of the N numbers Using Commandline argument	14/12/23	14/12/23	
Lab-20	WAP to handle the Exception using try and multiple catch block.	14/12/23	14/12/23	
Lab-21	WAP to create a thread that Implement the Runable interface.	14/12/23	14/12/23	
Lab-22	WAP to Implement Interthread communication.	21/12/23	21/12/23	
Lab-23	WAP to create a class component that show controls and event handling on that controls.(math calc).	21/12/23	21/12/23	
Lab-24	WAP to Draw the line, Rectangle, oval,text using the graphics method.	21/12/23	21/12/23	
Lab-25	WAP to create a Menu using the frame.	21/12/23	21/12/23	
Lab-26	WAP to create a Dialogbox.	28/12/23	28/12/23	
Lab-27	WAP to Implement the flow layout And Border Layout.	28/12/23	28/12/23	
Lab-28	WAP to create Frame that display the student information.	28/12/23	28/12/23	
Lab-29	Develop an applet that displays a simple message.	28/12/23	28/12/23	
Lab-30	Write a java program that connects to a database using JDBC and does add, deletes, modify and retrieve operations	29/12/23	29/12/23	
		29/12/23	29/12/23	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Pramod Kumar Institute:- SRC Department:-CA

Subject & Code :- ECom& BCA-603 Year & Semester :- 3rd & 6th Total Lecture:- 76

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Reason of deviation
I Unit (25)	1	Introduction to E-Commerce	15-02-23	16/02/23	Leave
	2	Features of E-Commerce	16-02-23	20/02/23	
	3	Difference b/w Traditional & E-Commerce	20-02-23	21/02/23	
	4	Difference b/w Traditional & E-Commerce	21-02-23	22/02/23	
	5	Advantages to organization	22-02-23	22/02/23	Extra lecture
	6	Advantages to Customer	23-02-23	24/02/23	Leave
	7	Advantages to Society, Technical disadvantage	24-02-23	25/02/23	
	8	Non technical disadvantage	25-02-23	01/03/23	BCA Practical
	9	Applications of E- Commerce	27-02-23	02/03/23	
	10	Applications of E- Commerce	28-02-23	03/03/23	
	11	Incentives for engaging in E-Commerce	01-03-23	04/03/23	
	12	E-Commerce & Trade cycle	02-03-23	04/03/23	Extra lecture
	13	Value chain model	03-03-23	09/03/23	
	14	Value chain model tools	04-03-23	10/03/23	
	15	Support activities of value chain	06-03-23	11/03/23	
	16	Flow in Supply chain , E-Supply chain	09-03-23	13/03/23	
	17	Components of Supply chain, Difference b/w strategic & tactical	10-03-23	13/03/23	Extra lecture
	18	First mover advantages, Business strategy	11-03-23	14/03/23	
	19	Sustainable competitive advantages	13-03-23	15/03/23	
	20	Business environment, business capabilities	14-03-23	16/03/23	
	21	Exit strategy & reasons	15-03-23	17/03/23	
	22	Strategy formulation	16-03-23	17/03/23	Extra lecture
	23	Strategy implementation	17-03-23	18/03/23	
	24	**Revision/Problem Solving of Unit - I**	18-03-23	20/03/23	
	25	**Unit Test**	20-03-23	21/03/23	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
II Unit	26	Types of E-Commerce B TO B	21-03-23	22/03/23	
	27	Advantages of B to B	22-03-23	22/03/23	Extra lecture
	28	Business to Consumer	23-03-23	23/03/23	
	29	Consumer to Business	24-03-23	25/03/23	BCA Practical
	30	Business to Govt.	25-03-23	27/03/23	
	31	Govt to Business	27-03-23	27/03/23	Extra lecture

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(12)	32	Govt. to Citizens	28-03-23	28/03/23	
	33	Consumer to Consumer	29-03-23	29/03/23	
	34	Electronic Data Interchange	31-03-23	31/03/23	
	35	EDI and Business	01-04-23	01/04/23	
	36	**Revision/Problem Solving of Unit - II**	03-04-23	03/04/23	
	37	**Unit Test**	04-04-23	04/04/23	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
III Unit (22)	38	Introduction of internet & its applications	05-04-23	05/04/23	
	39	Advantages & Disadvantages of Internet	06-04-23	06/04/23	
	40	Intranet & its benefits	07-04-23	07/04/23	
	41	Application of Intranet	08-04-23	08/04/23	
	42	Extranet, Application of Extranet	10-04-23	10/04/23	
	43	Internet Vs Intranet	11-04-23	11/04/23	
	44	Extranet Vs Intranet	12-04-23	12/04/23	
	45	Considerations in Intranet Deployment	13-04-23	13/04/23	
	46	Considerations in Intranet Deployment	14-04-23	14/04/23	
	47	Business models of Extranet applications	15-04-23	15/04/23	
	48	SET protocol, How it works	17-04-23	18/04/23	Leave
	49	SET cryptography	18-04-23	19/04/23	
	50	Electronic payment system	19-04-23	20/04/23	
	51	Electronic checks, credit cards	20-04-23	20/04/23	Extra class
	52	Electronic cash	21-04-23	21/04/23	
	53	Electronic Fund transfer, electronic wallets	24-04-23	24/04/23	
	54	Security in electronic payments	25-04-23	25/04/23	
	55	Electronic certificates	26-04-23	26/04/23	
	56	Secure Socket layer(SSL)	27-04-23	27/04/23	
	57	Order fulfillment	28-04-23	28/04/23	
	58	**Revision/Problem Solving of Unit -III**	29-04-23	29/04/23	
	59	**Unit Test III**	01-05-23	01/05/23	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
IV Unit (8)	60	Legal & Ethical issues in E-Commerce	02-05-23	02/05/23	
	61	Protecting privacy	03-05-23	03/05/23	
	62	Consumer and seller protection in EC	04-05-23	04/05/23	
	63	Protecting intellectual property	05-05-23	05/05/23	
	64	Encryption policy	06-05-23	08/05/23	Leave
	65	Other legal issues contracts	08-05-23	09/05/23	
	66	**Revision/Problem Solving IV**	09-05-23	10/05/23	
	67	**Unit Test IV**	10-05-23	11/05/23	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
	68	Potential fraud on the Internet	11-05-23	12/05/23	
	69	Internet Protocols	12-05-23	13/05/23	Extra class
	70	Web Based Client Server	13-05-23	13/05/23	

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V Unit (9)	71	Internet security	15-05-23	15/05/23
	72	Selling on the web	16-05-23	16/05/23
	73	Chatting on the Web	17-05-23	17/05/23
	74	Analysing web visit	18-05-23	18/05/23
	75	Managerial Issues	19-05-23	19/05/23
	76	**Revision/Problem Solving IV**	20-05-23	20/05/23

Signed by →	(After Completion of the Unit) **Dean/Director :**	**HOD :**

Approved By :	**Checked By:**	**Prepared By:**
Signature of Dean/Director :	Signature of HOD :	Signature of Faculty

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- NEETU SINGH Institute:- SRC Department:-COMP APP

Subject & Code :- ECom& BCA-603 Year & Semester :- 3rd & 6th Total Lecture:- 78

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Reason of deviation
I Unit (25)	1	Introduction to E-Commerce	21-3-24	26/3/24	
	2	Features of E-Commerce	22-3-24	27/3/24	
	3	Difference b/w Traditional & E-Commerce	23-3-24	27/3/24	Extra lecture
	4	Difference b/w Traditional & E-Commerce	26-3-24	28/3/24	
	5	Advantages to organization	27-3-24	29/3/24	
	6	Advantages to Customer	28-3-24	30/3/24	
	7	Advantages to Society, Technical disadvantage	29-3-24	1/4/24	
	8	Non technical disadvantage	30-3-24	2/4/24	
	9	Applications of E- Commerce	1-04-24	4/4/24	on 3rd Athelechment
	10	Applications of E- Commerce	2-04-24	5/4/24	
	11	Incentives for engaging in E-Commerce	3-04-24	6/4/24	
	12	E-Commerce & Trade cycle	4-04-24	8/4/24	
	13	Value chain model	5-04-24	9/4/24	
	14	Value chain model tools	6-04-24	9/4/24	lecture Arrangement
	15	Support activities of value chain	8-04-24	10/4/24	
	16	Flow in Supply chain , E-Supply chain	9-04-24	13/4/24	on 12th on leave
	17	Components of Supply chain, Difference b/w strategic & tactical	10-04-24	15/4/24	
	18	First mover advantages, Business strategy	12-04-24	16/4/24	
	19	Sustainable competitive advantages	13-04-24	18/4/24	
	20	Business environment, business capabilities	15-04-24	20/4/24	19th election
	21	Exit strategy & reasons	16-04-24	22/4/24	
	22	Strategy formulation	18-04-24	23/4/24	
	23	Strategy implementation	19-04-24	24/4/24	
	24	**Revision/Problem Solving of Unit - I**	20-04-24	24/4/24	
	25	**Unit Test**	22-04-24	3/5/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
II Unit (12)	26	Types of E-Commerce B TO B	23-04-24	28/4/24	
	27	Advantages of B to B	24-04-24	26/4/24	
	28	Business to Consumer	25-04-24	27/4/24	
	29	Consumer to Business	26-04-24	29/4/24	
	30	Business to Govt.	27-04-24	30/4/24	
	31	Govt. to Business	29-04-24	1/5/24	
	32	Govt. to Citizens	30-04-24	2/5/24	

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33	Consumer to Consumer	1-05-24	4|8|24	
34	Electronic Data Interchange	2-05-24	6|5|24	
35	EDI and Business	3-05-24	7|5|24	
36	**Revision/Problem Solving of Unit - II**	4-05-24	2|8|24	
37	**Unit Test**	6-05-24	28|5|24	
Signed by →	(After Completion of the Unit) **Dean/Director :**		**HOD :**	
38	Introduction of internet & its applications	7-05-24	8|5|24	
39	Advantages & Disadvantages of Internet	8-05-24	9|5|24	
40	Intranet & its benefits	9-05-24	10|5|24	
41	Application of Intranet	10-05-24	11|5|24	
42	Extranet, Application of Extranet	11-05-24	13|5|24	
43	Internet Vs Intranet	13-05-24	13|5|24	Extra lecture
44	Extranet Vs Intranet	14-05-24	14|5|24	
45	Considerations in Intranet Deployment	15-05-24	15|5|24	
46	Considerations in Intranet Deployment	16-05-24	16|5|24	
47	Business models of Extranet applications	17-05-24	17|5|24	
48	SET protocol, How it works	18-05-24	18|5|24	
49	SET cryptography	20-05-24	18|5|24	
50	Electronic payment system	21-05-24	20|5|24	
51	Electronic checks, credit cards	22-05-24	21|5|24	
52	Electronic cash	23-05-24	22|5|24	lecture Arrangement
53	Electronic Fund transfer, electronic wallets	24-05-24	23|5|24	
54	Security in electronic payments	25-05-24	23|5|24	
55	Electronic certificates	27-05-24	24|5|24	
56	Secure Socket layer(SSL)	28-05-24	25|5|24	
57	Order fulfillment	29-05-24	27|5|24	
58	**Revision/Problem Solving of Unit -III**	30-05-24	27|5|24	
59	**Unit Test III**	31-05-24	28|5|24	
Signed by →	(After Completion of the Unit) **Dean/Director :**		**HOD :**	
60	Legal & Ethical issues in E-Commerce	1-06-24	29|5|24	
61	Protecting privacy	3-06-24	30|5|24	
62	Consumer and seller protection in EC	4-06-24	31|5|24	
63	Protecting intellectual property	5-06-24	1|6|24	
64	Encryption policy	6-06-24	1|6|24	
65	Other legal issues contracts	7-06-24	3|6|24	lecture Arrangement
66	**Revision/Problem Solving IV**	8-06-24		
67	**Unit Test IV**	10-06-24		
Signed by →	(After Completion of the Unit) **Dean/Director :**		**HOD :**	
68	Potential fraud on the Internet	11-06-24	4|6|24	
69	Internet Protocols	12-06-24	5|6|24	
70	Web Based Client Server	13-06-24	6|6|24	
71	Internet security	14-06-24	5|6|24	
72	Selling on the web	15-06-24	7|6|24	
73	Chatting on the Web	17-06-24	7|6|24	
74	Analysing web visit	18-06-24	8|6|24	
75	Managerial Issues	19-06-24	8|6|24	
76	**Revision/Problem Solving IV**	20-06-24		
Signed by →	(After Completion of the Unit) **Dean/Director :**		**HOD :**	

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Mr. Rahul Gautam **Institute:-** SRC, MZN **Dept.:-** Computer Application

Subject & Code:- CFOA (BCA-103) **Year & Sem:-** 1st & 1st **Total Lecture:-** 75 **Session:-** 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
	1	Introduction to computer	13-Sep-23	13/9/23	
	2	Continue Introduction to computer	14-Sep-23	14/9/23	
	3	Generation of computer	15-Sep-23	15/9/23	
	4	Continue Generation of computer	16-Sep-23	16/9/23	
	5	Classification of computer on purpose & size Mini Computer, Micro Computer, Mainframe Computer, Super Computer	18-Sep-23	18/9/23	
	6	Continue Classification of computer on purpose & size Mini Computer, Micro Computer, Mainframe Computer, Super Computer	19-Sep-23	19/9/23	
	7	Classification of computer based on generation	20-Sep-23	20/9/23	
	8	Classification based on processing type Digital, Analog, Hybrid Computer	21-Sep-23	21/9/23	
	9	Software- Application & System software Types of Computer Prog. Language	22-Sep-23	22/9/23	
I Unit (21)	10	Continue Software- Application & System software Types of Computer Prog. Language	23-Sep-23	23/9/23	
	11	Input devices-Keyboard, Mouse, Scanner Output device- Monitor, Plotters, LCD, Plasma Display	25-Sep-23	25/9/23	
	12	Continue Input devices-Keyboard, Mouse, Scanner Output device- Monitor, Plotters, LCD, Plasma Display	26-Sep-23	26/9/23	
	13	Data Organization, Number System Conversion	27-Sep-23	27/9/23	
	14	Number System Conversion, Binary Arithmetic	28-Sep-23	28/9/23	
	15	Continue Number System Conversion, Binary Arithmetic	29-Sep-23	29/9/23	
	16	Continue Number System Conversion, Binary Arithmetic	30-Sep-23	30/9/23	
	17	Memory	3-Oct-23	4/10/23	NDC Classes 3/10/23 University Exam
	18	Continue Memory	4-Oct-23	5/10/23	
	19	Secondry Storage Device, Magnetic tape	5-Oct-23	6/10/23	
	20	**Revision/Problem Solving**	6-Oct-23	7/10/23	
	21	**Unit Test- 1**	7-Oct-23	9/10/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
	18	Introduction to Algorithm and Flowchart	9-Oct-23	10/10/23	
	19	Algorithm defination and characterstics	10-Oct-23	11/10/23	
	20	Continue-algorithm example to calculate simple interest	11-Oct-23	11/10/23	Extra Lecture.
	21	Different example of algorithms design	12-Oct-23	13/10/23	CL (12/10/23)
	22	Continue-different example of algorithms design	13-Oct-23	14/10/23	

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II Unit (12)	23	Flowchart definition , define symbols of flowchart	14-Oct-23	16/10/23	
	24	Example of flowchart	16-Oct-23	17/10/23	
	25	Continue Example of flowchart	17-Oct-23	18/10/23	
	26	Comparative study of algorithms and flowchart	18-Oct-23	20/10/23	Practical on 19/10/23
	27	Continue-comparative study of algorithms and flowchart	19-Oct-23	21/10/23	
	28	**Revision/Problem Solving**	20-Oct-23	21/10/23	Extra Lecture.
	29	**Unit Test 2**	21-Oct-23	25/10/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
III Unit (12)	30	Operating System definition and type of O.S.	25-Oct-23	26/10/23	
	31	Functions of O.S.	26-Oct-23	27/10/23	
	32	Continue-functions of O.S.	27-Oct-23	28/10/23	
	33	DOS History , File type	28-Oct-23	30/10/23	
	34	DOS Commands - Internal command & External command	30-Oct-23	31/10/23	
	35	Copycon, cls , date , time , MD, CD	31-Oct-23	31/10/23	Extra Lecture.
	36	Continue Copycon, cls , date , time , MD, CD	1-Nov-23	1/11/23	
	37	ver , vol, del ,dir , Ren	2-Nov-23	02/11/23	
	38	mem, move RD, prompt, attrib	3-Nov-23	03/11/23	
	39	chkdsk, scandisk, batch file, tree	4-Nov-23	04/11/23	
	40	**Revision/Problem Solving**	6-Nov-23	06/11/23	
	41	**Unit Test- 3**	7-Nov-23	07/11/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
IV Unit (13)	42	Part of standard window desktop, icon , menubar	8-Nov-23	08/11/23	
	43	Continue-Part of standard window desktop, icon , menubar	9-Nov-23	09/11/23	
	44	Dialog box accessories , paint brush	10-Nov-23	16/11/23	NO CLASS on 10/11/23
	45	Notepad - file, save as , open file menu	15-Nov-23	17/11/23	No Classon 15/11/23
	46	Edit- cut, copy, paste, formate	16-Nov-23	16/11/23	
	47	Conitnue-Edit cut, copy, paste, formate	17-Nov-23	16/11/23	Extra lecture
	48	Wordpad file menu, edit menu, view, formate	18-Nov-23	20/11/23	
	49	Conitnue-Wordpad file menu, edit menu, view, formate	20-Nov-23	21/11/23	
	50	Window explorer ,Clipboard, Internet explorer	21-Nov-23	23/11/23	
	51	Continue-Window explorer, Clipboard, Internet explorer	22-Nov-23	23/11/23	ON LEAVE Extra (CL) Lecture
	52	Continue-Window explorer, Clipboard, Internet explorer	23-Nov-23	28/11/23	
	53	**Revision/Problem Solving**	24-Nov-23	29/11/23	24-27 Nov Exhibition splash board
	54	**Unit Test- 4**	25-Nov-23	29/11/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
	55	Introduction of MS-Word	27-Nov-23	30/11/23	
	56	Continue MS-Word window	28-Nov-23	1/12/23	
	57	Word processor feature , selecting text , deleting text (different shortcut key)	29-Nov-23	2/12/23	
	58	Word processor feature, selecting text, deleting text (different shortcut key)	30-Nov-23	2/12/23	(Extra Lecture)
	59	How to open, save a document (different shortcut key)	1-Dec-23	4/12/23	
	60	How to open save a document (different shortcut key)	2-Dec-23	5/12/23	

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V Unit (13)	61	Type of view, template ,formate painter , autocorrect	4-Dec-23	6/12/23	
	62	Continue Type of view, template, formate painter, autocorrect	5-Dec-23	06/12/23	Extra lecture
	63	Macro, table	6-Dec-23	7/12/23	
	64	MSExcel , relative reference , absolute address, file and edit menu	7-Dec-23	8/12/23	
	65	Continue MSExcel, relative reference, absolute address, file and edit menu	8-Dec-23	8/12/23	Extra lecture
	66	**Revision/Problem Solving**	9-Dec-23	9/12/23	
	67	**Unit Test- 5**	11-Dec-23	11/12/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
VI Unit (8)	68	Spreadsheets and Database packages	12-Dec-23	12/12/23	
	69	Creation of files in MS-Access	13-Dec-23	13/12/23	
	70	Creation of files in MS-Access	14-Dec-23	14/12/23	
	71	Switching between application	15-Dec-23	15/12/23	
	72	Switching between application	16-Dec-23	16/12/23	
	73	MS-PowerPoint	18-Dec-23	18/12/23	
	74	**Revision/Problem Solving**	19-Dec-23	19/12/23	
	75	**Unit Test-6**	20-Dec-23	20/12/23	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Mr. Rahul Gautam **Institute:-** SRC, MZN **Dept.:-** C.A. **Total Lab:-** 20

Subject & Code:- CFOA LAB (BCA-105) **Year & Sem.:-** Ist Year (1st Sem) **Session:** 2023-24

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab Allotted)	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
Lab-1	Create a folder on desktop named as "BCA".	14-Oct-22	14/10/22	
Lab-2	Create a file in notepad and save it in BCA Folder.	15-Oct-22	15/10/22	
Lab-3	Design a Bullet list in WordPad.	21-Oct-22	21/10/22	
Lab-4	Define the different types tools of Paint brush.	22-Oct-22	22/10/22	
Lab-5	Write the steps to apply formatting (Bold, Italic, Underline, Left, Right, Center and Justify alignments) on paragraphs in MS-WORD.	28-Oct-22	28/10/22	
Lab-6	Design the data in three columns with one heading (Newspaper format) in MS-Word.	29-Oct-22	29/10/22	
Lab-7	Write the steps for mail-merge in MS-Word	4-Nov-22	4/11/22	
Lab-8	Create a table in MS-Word with 5 columns and 10 Rows. Fill this table with some student's data.	5-Nov-22	5/11/22	
Lab-9	Write the steps how to insert a picture in MS-Word document.	11-Nov-22	18/11/22	
Lab-10	Write the steps how to set a Watermark in MS-Word document.	12-Nov-22	18/11/22	
Lab-11	Write the steps how to insert Clip Art object in MS-Word document.	18-Nov-22	19/11/22	
Lab-12	Write the steps how to convert uppercase text to Lowercase text in Microsoft Word document.	19-Nov-22	2/12/22	
Lab-13	Write the steps to create and save a file in MS-Excel.	25-Nov-22	2/12/22	
Lab-14	Draw a Column Chart in MS-Excel of given data- Name Math Science Hindi English Amit 76 23 65 65 Sumit 80 54 35 76 Rohit 34 87 67 23 Mohit 54 65 32 23 Rohan 78 32 56 67	26-Nov-22	3/12/22	
Lab-15	Apply the following formulas on the above given data - 1. sum() 2. average() 3. min() 4. max() 5. count()	2-Dec-22	3/12/22	
Lab-16	Write the steps how to apply filter in MS-Excel.	3-Dec-22	09/12/22	
Lab-17	Write the steps how to set background image in MS-Excel.	9-Dec-22	10/12/22	
Lab-18	Explain the following DOS commands with their syntax and examples. 1. CLS 2. Date 3. Time 4. Dir 5. Copy con 6. Type	10-Dec-22	10/12/22	
Lab-19	Write the steps to create a presentation in MS-PowerPoint.	16-Dec-22	16/12/22	
Lab-20	Explain the various views of a slide available in MS-PowerPoint.	17-Dec-22	17/12/22	

Approved By :
Signature of Dean/Director :

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Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- **SHUBHAM TAYAL** Institute:- **SRC** Department:-**Computer Application**

Subject & Code :- **Business Communication** Year & Semester :-**1st, Ist** Total Lecture:- **79**

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit (22)	1	Remedial Class	13-Sep-23	05-Oct-23	Joined SRGC on 05oct
	2	Remedial Class	14-Sep-23	05-Oct-23	
	3	Remedial Class	15-Sep-23	05-Oct-23	
	4	Remedial Class	16-Sep-23	06-Oct-23	
	5	Remedial Class	18-Sep-23	06-Oct-23	
	6	Remedial Class	19-Sep-23	06-Oct-23	
	7	Remedial Class	20-Sep-23	06-Oct-23	
	8	Remedial Class	21-Sep-23	06-Oct-23	
	9	Remedial Class	22-Sep-23	06-Oct-23	
	10	Remedial Class	23-Sep-23	06-Oct-23	
	11	Remedial Class	25-Sep-23	07-Oct-23	
	12	Remedial Class	26-Sep-23	07-Oct-23	
	13	Remedial Class	27-Sep-23	07-Oct-23	Joined SRGC on 05Oct
	14	Meaning and Definition of Communication	28-Sep-23	10-Oct-23	Practical Exam 09th Oct
	15	Process of Communication	29-Sep-23	10-Oct-23	
	16	Functions of Communication	30-Sep-23	11-Oct-23	
	17	Objectives and Importance of Comm.	03-Oct-23	12-Oct-23	
	18	Essentials of good Communication	04-Oct-23	13-Oct-23	
	19	Communication Barriers	05-Oct-23	14-Oct-23	
	20	7C's of Communication	06-Oct-23	16-Oct-23	
	21	**Revision/Test**	07-Oct-23	17-Oct-23	
	22	**Assignment**	09-Oct-23	18-Oct-23	
	23	UNIT TEST 1	10-Oct-23	20-Oct-23	Practical Exam 19th Oct
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD:**	**Dean/Director :**		
II Unit (11)	24	Meaning, Nature & Scope of Oral Communication	11-Oct-23	21-Oct-23	
	25	Principle of Oral Communication	12-Oct-23	25-Oct-23	22 Oct-24 Oct Dushesra off
	26	Techniques of Effective Speech	13-Oct-23	27-Oct-23	
	27.	Media of Oral Communication-Face-to-face & Teleconferences	14-Oct-23	31-Oct-23	lengthy Topic
	28	Press Conference, Demonstration, Radio Recording,	16-Oct-23	02-Nov-23	
	29	Meetings, Rumour, Demonstration & Dramatisation,	17-Oct-23	04-Nov-23	
	30	Grapevine, Group Discussion, Oral Report, Closed Circuit TV	18-Oct-23	06-Nov-23	
	31	The Art & Principles of good listening	19-Oct-23	07-Nov-23	
	32	**Revision/Test**	20-Oct-23	08-Nov-23	
	33	**Assignment**	21-Oct-23	09-Nov-23	
	34	UNIT TEST 2	25-Oct-23	16-Nov-23	10th Nov - 15th Nov Diwali off
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD:**	**Dean/Director :**		
III Unit (08)	35	Written Communication: Purpose of Writing	26-Oct-23	17-Nov-23	
	36	Clarity in Writing	27-Oct-23	18-Nov-23	
	37	Principle of Effective Writing	28-Oct-23	20-Nov-23	
	38	Writing Techniques	30-Oct-23	22-Nov-23	
	39	Electronic Writing Process	31-Oct-23	23-Nov-23	
	40	**Revision/Problem Solving /Test**	01-Nov-23	28-Nov-23	Fashion Splash 2023
	41	**Assignment**	02-Nov-23	29-Nov-23	
	42	UNIT TEST 3	03-Nov-23	30-Nov-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**	**Dean/Director :**		

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IV Unit (11)	43	What are Business Letters?	04-Nov-23	01-Dec-23	
	44	Need and functions Business Letters	06-Nov-23	02-Dec-23	
	45	Planning and Layout of business letters	07-Nov-23	04-Dec-23	
	46	Kinds of business letters	08-Nov-23	05-Dec-23	
	47	Essentials of effective correspondence	09-Nov-23	06-Dec-23	
	48	Purpose & Kind of Reports	10-Nov-23	07-Dec-23	
	49	Objectives of Reports	15-Nov-23	08-Dec-23	
	50	Writing Reports	16-Nov-23	09-Dec-23	
	51	**Revision/Problem Solving /Test**	17-Nov-23	11-Dec-23	
	52	**Assignment**	18-Nov-23	12-Dec-23	
	53	UNIT TEST 4	20-Nov-23	13-Dec-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**		**Dean/Director :**	
V Unit (14)	54	Enquiries in Business Letters	21-Nov-23	14-Dec-23	
	55	Replies in Bussiness Letters	22-Nov-23	14-Dec-23	
	56	Class Practice in wiritng Letters	23-Nov-23	15-Dec-23	
	57	Placing an order	24-Nov-23	16-Dec-23	
	58	Fulfilling an order	25-Nov-23	16-Dec-23	
	59	Complaints Sales Letters	27-Nov-23	18-Dec-23	
	60	Follow-up Sales Letters	28-Nov-23	19-Dec-23	
	61	Circular letters	29-Nov-23	19-Dec-23	
	62	Application for employment and resume	30-Nov-23	20-Dec-23	
	63	**Revision/Problem Solving /Test**	01-Dec-23	21-Dec-23	
	64	**Assignment**	02-Dec-23	22-Dec-23	
	65	UNIT TEST 5	04-Dec-23	23-Dec-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**		**Dean/Director :**	
VI Unit (14)	66	Information Technology for Communication	05-Dec-23	25-Dec-23	
	67	Word Processor-Telex, Facsimile(Fax)	06-Dec-23	26-Dec-23	
	68	Email, Voicemail, Internet	07-Dec-23	27-Dec-23	
	69	Mulitmedia, Teleconferencing, SMS	08-Dec-23	27-Dec-23	
	70	Mobile Phone Conversation, Video Conferencing	09-Dec-23	28-Dec-23	
	71	Telephone Answering Machine	11-Dec-23	28-Dec-23	
	72	Advantages of Technology for Communication	12-Dec-23	29-Dec-23	
	73	Limitations of Technology in Communication	13-Dec-23	29-Dec-23	
	74	Group Discussion	14-Dec-23	29-Dec-23	
	75	Mock Interview	15-Dec-23	29-Dec-23	
	76	Decision Making in a Group	16-Dec-23	29-Dec-23	
	77	**Revision/Problem Solving /Test**	18-Dec-23	29-Dec-23	
	78	**Assignment**	19-Dec-23	08-Jan-24	Colours Event and Vacations
	79	UNIT TEST 6	20-Dec-23	08-Jan-24	Colours Event and Vacations
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**		**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Shubham Tayal
Signature of Faculty : Shubham Tayal

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- RAHUL MAINWAL, Institute:- SRC, Department:- Computer Application

Subject/Course Code :- Mathematics I, Year & Semester :- I,II, Total Lecture:- 75

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Unit No. (No. of Periods Allotted)	PLANNED: Lecture No.	Name of Topics	Planned Date	ACTUAL: Actual Date	Remarks
	1	Sets	26-Mar-24	26-3-24	
	2	Set Notation, Representaion of Sets	27-Mar-24	26-3-24	
	3	Types of Sets- Empty Set , Singleton Set	28-Mar-24	26-3-24	
	4	Equal Sets, Universal Sets	29-Mar-24	27-3-24	
	5	Finite and Infinite Sets, Cardinal number of a finite Set Equivalent Sets	30-Mar-24	27-3-24	
	6	Subsets , Equality of Sets, Proper Subsets	01-Apr-24	27-3-24	
	7	Number of subsets of a finite set , Power Set	02-Apr-24	28-3-24	
Unit I (15)	8	Operation on Sets with Venn Diagram (Union of sets, Intersection of sets)	03-Apr-24	28-3-24	
	9	Operation on Sets- Disjoint Sets, Difference of two Sets	04-Apr-24	29-3-24	
	10	Operation on Sets- Symmetric difference of two Sets, Compliment of a Set	05-Apr-24	29-3-24	
	11	Ordered Pair, Ordered Triplet, Cartesian Product of two Sets	06-Apr-24	30-3-24	
	12	Law of algebra of Sets	08-Apr-24	30-3-24	
	13	Simple Applications	09-Apr-24	01-4-24	
	14	**Revision/Test 1/ Problem solving**	10-Apr-24	01-4-24	
	15	**Assignment**	12-Apr-24	02-4-24	
Reviewed by ---	(After Complete the Unit) Faculty:	**HOD :**	**Dean/Director :**		
	16	Relation on a Set	13-Apr-24	03-4-24	
	17	Domain and Range of a Relation	15-Apr-24	03-4-24	
	18	Inverse Relation , Composite Relation, Identity Relation in a Set	16-Apr-24	04-4-24	
	19	Properties of Relation (Reflexive, Symmetric, Transitive,Irreflexive)	18-Apr-24	04-4-24	
	20	Equivalence relation, Congruence Modulo 'm'	19-Apr-24	05-4-24	
	21	Partial Order Relation	20-Apr-24	05-4-24	
	22	Function	22-Apr-24	06-4-24	
	23	Domain and Range of a Function, Graph of a function	23-Apr-24	06-4-24	
	24	Equality of two Functions	24-Apr-24	06-4-24	
	25	Types of Functions (One - One Injective Function, Onto Surjective Function)	25-Apr-24	08-4-24	
Unit II (10)	26	Into Function	26-Apr-24	08-4-24	
	27	Many One Function	27-Apr-24	09-4-24	
	28	One one onto Function (Bijective Function), One one into function	29-Apr-24	09-4-24	
	29	Many One onto Function, Many One into Function	30-Apr-24	10-4-24	

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30	Some Particular Functions (Even/ Odd/ Constant Function/ Identity)	01-May-24	12-4-24	
31	Composition of Function, Inverse Function, Inclusion Function	02-May-24	13-4-24	
32	Exponential and Logarithmic Function	03-May-24	13-4-24	
33	Trigonometric Function	04-May-24	15-4-24	
34	**Revision/Test 1/ Problem solving**	06-May-24	15-4-24	
35	**Assignment**	07-May-24	16-4-24	
Signed by ---	(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
36	Partial Order Sets	08-May-24	18-4-24	
37	Representation of POSETS using Hasse Diagram	09-May-24	18-4-24	
38	Chains Rule	10-May-24	19-4-24	
39	Maximal and Minimal Point	11-May-24	19-4-24	
40	Glb . Lub	13-May-24	20-4-24	
41	Lattices and its Properties	14-May-24	20-4-24	
42	Lattices as Algebraic System	15-May-24	22-4-24	
43	Principle of Duality, Isomorphic lattices, Some Special Lattices	16-May-24	23-4-24	
44	**Revision/Test 1/ Problem solving**	17-May-24	24-4-24	
45	**Assignment**	18-May-24	24-4-24	
Signed by ---	(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
46	Determinants: (Definition)	20-May-24	27-4-24	25-4-24 — Colo
47	Minors of an element of a Determinant	21-May-24	27-4-24	26-4-24 — Colo
48	Cofactor of an element of a Determinants	22-May-24	29-4-24	
49	Properties of Determinants	23-May-24	30-4-24	
50	Matrices (Addition,Subtraction, Scalar Multiplication, Multiplicationof Matrices)	24-May-24	01-5-24	
51	Adjoint of Matrix, Inverse of Matrix	25-May-24	2-5-24	
52	Rank Of Matrix	27-May-24	3-5-24	
53	Linear Dependence Of Vectors	28-May-24	4-5-24	
54	Ligen Vectors Of a Matrix	29-May-24	6-5-24	
55	Cayley Hamilton Theorem (Without Proof)	30-May-24	7-5-24	
56	**Revision/Test 1/ Problem solving**	31-May-24	08-5-24	
57	**Assignment**	01-Jun-24	09-5-24	
Signed by ---	(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
58	Limit at a point	03-Jun-24	10-5-24	
59	Properties of limit	04-Jun-24	11-5-24	
60	Computation of Limits of Various types of Functions	05-Jun-24	13-5-24	
61	Continuity at a point	06-Jun-24	14-5-24	
62	Continuity over an interval	07-Jun-24	15-5-24	
63	Intermediate Value Theorem	08-Jun-24	16-5-24	
64	Types of Discontinuities	10-Jun-24	17-5-24	
65	**Revision/Test 1/ Problem solving**	11-Jun-24	18-5-24	
66	**Assignment**	12-Jun-24	20-5-24	
Signed by ---	(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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67	Derivative. Derivatives of Sum, Differences, Product & Quotient)	13-Jun-24	22-5-24	
68	Chain Rule of differentiation	14-Jun-24	23-5-24	
69	Derivatives of Composite Functions	15-Jun-24	24-5-24	
70	Logarithmic differentiation, Integral as limit of Sum	17-Jun-24	25-5-24	
71	Fundmental theorem of Calculus (without proof)	18-Jun-24	27-5-24	
72	Indefinite integrals. Method of integration substitution	19-Jun-24	28-5-24	29-5-24 — (0L0
73	Integration by Parts	20-Jun-24	30-5-24	
74	**Revision/Test 1/ Problem solving**	21-Jun-24	31-5-24	
75	**Assignment**	22-Jun-24	01-6-24	
Signature by —	(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- **SHUBHAM TAYAL** Institute:- **SRC** Department:-**Computer Applications**

Subject & Code :- **Financial Accounting with Tally (0227005)** Year & Semester :- **I,II** Total Lecture:- **75**

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (12)	1	Basic Concepts of Accounting	26-Mar-24	26-Mar-24	
	2	Financial Statements, Financial Statement Analysis	27-Mar-24	27-Mar-24	
	3	Cost Centre, Basic concepts of Inventory	28-Mar-24	28-Mar-24	
	4	Tally Configuration & INI setup	29-Mar-24	29-Mar-24	
	5	Data Directory & Folders configuration	30-Mar-24	30-Mar-24	
	6	Single & Multiple User, Tally Screen Components	1-Apr-24	01-Apr-24	
	7	Mouse / Keyboard Conventions	2-Apr-24	02-Apr-24	
	8	Key Combinations, Switching between screen areas	3-Apr-24	03-Apr-24	
	9	Basic Company Details, Create/Alter/Select/Load/Close a Company, Quitting Tally, Maintaining Company Data	4-Apr-24	04-Apr-24	
	10	Chart of Accounts, Company Features, Configuration	5-Apr-24	05-Apr-24	
	11	**Revision/Test**	6-Apr-24	06-Apr-24	
	12	**Assignment**	8-Apr-24	08-Apr-24	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**	**Dean/Director :**		
II Unit (12)	13	Create, Alter & Display Groups and Ledgers	9-Apr-24	09-Apr-24	
	14	All accounting voucher types and transactions, Create and Alter new Voucher type	10-Apr-24	10-Apr-24	
	15	Item Account Invoice transactions, Excise Invoice, Export Invoice	12-Apr-24	12-Apr-24	
	16	Transactions using Bill-wise details	13-Apr-24	13-Apr-24	
	17	Create, Alter & Display Cost Centre and Cost Categories, Cost centre & Cost Category allocation in voucher entry	15-Apr-24	15-Apr-24	
	18	Creating Cost centre Class, Invoice entry in a Class situation	16-Apr-24	16-Apr-24	
	19	Create, Alter & Delete Foreign Currencies, Voucher entry using foreign currency	18-Apr-24	18-Apr-24	
	20	Bank Reconciliation, Interest calculations using simple & advance parameters, Interest calculations on outstanding balances & on invoices	19-Apr-24	19-Apr-24	
	21	Use of voucher class, adjustment of interest	20-Apr-24	20-Apr-24	
	22	Creation of voucher class, Invoice entry in a class situation	22-Apr-24	22-Apr-24	
	23	**Revision/Test**	23-Apr-24	23-Apr-24	
	24	**Assignment**	24-Apr-24	24-Apr-24	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**	**Dean/Director :**		
	25	Create, Alter & Delete Budgets for groups, ledgers & cost centres, Defining credit limit & credit period	25-Apr-24	25-Apr-24	
	26	Display Budgets & variances, Create, Alter & Delete scenario	26-Apr-24	26-Apr-24	

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III Unit (12)	27	Enabling Job Costing in Tally, Master creation & configuration for Job costing	27-Apr-24	27-Apr-24	
	28	Creation of Voucher type & Voucher class for Stock Transactions	29-Apr-24	29-Apr-24	
	29	Creation of Transfer journal for transfer of stock between Godowns, Consumption journal Transactions, Payment voucher	30-Apr-24	30-Ap-24	
	30	Go-down summary Report, Job Work Analysis, Material consumption summary	1-May-24	01-May-24	
	31	Reports like balance sheet, Profit & Loss account, Ratio analysis, Trial Balance	2-May-24	02-May-24	
	32	Accounts books like cash/bank book, All ledgers, Group summary & vouchers, Sales, purchase & journal registers, Cost centre & category summary	3-May-24	03-May-24	
	33	Cost centre breakup, ledger & group breakup, outstanding receivables & payables, interest receivable & payable, Statistics	4-May-24	04-May-24	
	34	Cash & Fund flow, Day book, List of Accounts, Reversing journals, Optional vouchers, post-dated vouchers	6-May-24	06-May-24	
	35	**Revision/Test**	7-May-24	07-May-24	
	36	**Assignment**	8-May-24	08-May-24	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tyagi **HOD :**	**Dean/Director :**		
IV Unit (26)	37	Create, Alter & Display Stock Groups and Stock Items	9-May-24	09-May-24	
	38	Stock item behaviour using costing and market valuation method, other behaviour like treating all sales as new manufacture	10-May-24	13-May-24	Due to leave on 10 to 11 May'24
	39	Treating all purchases as consumed	11-May-24	13-May-24	"
	40	Treating all rejections inward as scrap, ignoring negative balances	13-May-24	14-May-24	"
	41	Treating difference due to physical counting	14-May-24	14-May-24	
	42	Create, Alter & Display Stock categories, Create, Alter, Display simple & compound units of measures, Stock items using alternate units	15-May-24	15-May-24	
	43	Defining standard cost & selling price, Defining Rate of duty, Defining MRP	16-May-24	16-May-24	
	44	Create, Alter & Display Godowns	17-May-24	17-May-24	
	45	Allocation of items to the Godowns	18-May-24	18-May-24	
	46	All inventory voucher types and transactions, Inventory details in accounting vouchers	20-May-24	20-May-24	
	47	Defining re-order level	21-May-24	21-May-24	
	48	Transactions using tracking numbers, Use of batch-wise details in voucher	22-May-24	22-May-24	
	49	Additional cost details in vouchers	23-May-24	23-May-24	
	50	Creating Price list & defining Price levels, invoice using Price list	24-May-24	24-May-24	
	51	Zero valued entries	25-May-24	25-May-24	
	52	Transactions in case of Different actual & billed quantities. Reports like Stock summary	27-May-24	27-May-24	
	53	Inventory books like Stock item, Group summary	28-May-24	28-May-24	
	54	Stock transfers, Physical stock register, Movement analysis	29-May-24	29-May-24	

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	55	Stock group & item analysis, stock category analysis, Ageing analysis	30-May-24	30-May-24	
	56	Sales order & Purchase order book	31-May-24	31-May-24	
	57	Statement of inventory related to Godowns, categories, stock query, Reorder status	1-Jun-24	01-Jun-24	
	58	Purchase & Sales order summary, Purchase & Sales bill pending	3-Jun-24	03-Jun-24	
	59	Exception reports like negative stock & ledger, overdue receivables & payables	4-Jun-24	04-Jun-24	
	60	Memorandum vouchers, optional vouchers, post-dated vouchers, reversing journals	5-Jun-24	05-Jun-24	
	61	**Revision/Test**	6-Jun-24	06-Jun-24	
	62	**Assignment**	7-Jun-24	07-Jun-24	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**	**Dean/Director :**		
	63	Cheque Printing, Common printing options, Different printing formats	8-Jun-24	08-Jun-24	
	64	Multi-Account printing, Dynamic- Report specific options	10-Jun-24	12-Jun-24	Due to leave on 10 to 11 Jun '24
	65	Creating Group Company, Use of Tally vault	11-Jun-24	12-Jun-24	11
V Unit (13)	66	Using Security control & defining different security levels	12-Jun-24	13-Jun-24	11
	67	Use of Tally Audit	13-Jun-24	13-Jun-24	
	68	Back-up & Restore	14-Jun-24	14-Jun-24	
	69	Splitting company data, Export & import of Data	15-Jun-24	15-Jun-24	
	70	ODBC compliance, use of E-mail	17-Jun-24	17-Jun-24	
	71	Internet publishing	18-Jun-24	18-Jun-24	
	72	Upload web browser & online help	19-Jun-24	19-Jun-24	
	73	Re-write data	20-Jun-24	20-Jun-24	
	74	**Revision/Test**	21-Jun-24	21-Jun-24	
	75	**Assignment**	22-Jun-24	22-Jun-24	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**	**Dean/Director :**		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Shubham Tayal
Signature of Faculty : Shubham Tayal

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- **SHUBHAM TAYAL** Institute:- **SRC** Department:- **CA**

Subject & Code :-**Business Economics** Year & Semester :-**2nd/3rd** Total Lecture:- **78**

Session-2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
	1	Introduction about Subject	18-Sep-23	05-Oct-23	Joined SRGCon 05 Oct
	2	Meaning & Definition of Economics, and Business Economics	19-Sep-23	05-Oct-23	Joined SRGC on 05 Oct
	3	Definition of economics; wealth, welfare	20-Sep-23	06-Oct-23	
	4	Scarcity & choice,	21-Sep-23	07-Oct-23	
	5	Wantlessness, growth cantered definition	22-Sep-23	09-oct-23	
	6	Micro & Macro economics	23-Sep-23	11-Oct-23	Practical exam 9th oct
	7	Nature & Scope of economics	25-Sep-23	12-Oct-23	
	8	Methods of economics; deductive method	26-Sep-23	14-oct-23	
	9	Inductive method	27-Sep-23	16-Oct-23	
	10	Problems of economics	28-Sep-23	17-Oct-23	
	11	Central problem of an economy	29-Sep-23	18-Oct-23	
	12	The price mechanism	30-Sep-23	20-Oct-23	Practical exam 19th Oct
	13	Demand Analysis; Meaning, Schedule, Curve	3-Oct-23	24-oct-23	
	14	Law of Demand; Assumptions,	4-Oct-23	25-oct-23	22 Oct – 24 oct Dushehra off
	15	Exceptions of Law of demand	5-Oct-23	26-oct-23	
	16	Elasticity of Demand; Types,	6-Oct-23	27-Oct-23	
	17	Price Elasticity of demand	7-Oct-23	28-Oct-23	
1 Unit (37)	18	Income Elasticity iof Demand	9-Oct-23	30-Oct-23	
	19	Cross Elasticity of Demand	10-Oct-23	31-oct-23	
	20	Methods of Elasticity of Demand	11-Oct-23	01-Nov-23	
	21	Applications of Elasticity of Demand	12-Oct-23	02-Nov-23	
	22	Supply Analysis; Meaning, Schedule, Curve	13-Oct-23	03-Nov-23	
	23	Law of Supply; Assumptions	14-Oct-23	03-Nov-23	
	24	Exceptions of Law of Supply	16-Oct-23	04-Nov-23	
	25	Elasticity of Supply; Degrees	18-Oct-23	06-Nov-23	
	26	Applications of Elasticity of Supply	19-Oct-23	06-Nov-23	

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	27	Demand & Supply Equilibrium	20-Oct-23	07-Nov-23	
	28	Concept of Production; Meaning, Process	21-Oct-23	08-Nov-23	
	29	Output Decisions-Revenue; Types, Methods	25-Oct-23	08-Nov-23	
	30	Cost; Types, Methods	26-Oct-23	16-Nov-23	10th - 15th Nov Diwali off
	31	Profit Maximization,	27-Oct-23	17-Nov-23	
	32	Break Even Point	28-Oct-23	18-Nov-23	
	33	Laws of Return	30-Oct-23	20-Nov-23	
	34	Return to Scale	31-Oct-23	22-Nov-23	
	35	Economies of Scale	1-Nov-23	23-Nov-23	
	36	Diseconomies of Scale	2-Nov-23	28-Nov-23	Fashion Splash 2023
	37	**Revision/Problem Solving /Test**	3-Nov-23	30-Nov-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :** **Dean/Director :**			
II Unit (07)	38	Market Structure-Types, Equilibrium	4-Nov-23	01-Dec-23	
	39	Price & Output Determination under Perfect Competition	6-Nov-23	02-Dec-23	
	40	Price Determination under Monopoly	7-Nov-23	03-Dec-23	
	41	Price Determination under Monopolistic	8-Nov-23	04-Dec-23	
	42	Price Determination under Oligopoly	9-Nov-23	05-Dec-23	
	43	Difference between Competitions	10-Nov-23	06-Dec-23	
	44	**Revision/Problem Solving /Test**	15-Nov-23	07-Dec-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :** **Dean/Director :**			
III Unit (16)	45	Inflation- Meaning, Types	16-Nov-23	08-Dec-23	
	46	Causes, and Measurers	17-Nov-23	09-Dec-23	
	47	Factors Affecting of Inflation	18-Nov-23	11-Dec-23	
	48	Unemployment- Meaning, Defination	20-Nov-23	12-Dec-23	
	49	Types, Causes,	21-Nov-23	12-Dec-23	
	50	Measures of Unemployment	22-Nov-23	13-Dec-23	
	51	Trade Cycle; Phases of Trade Cycle	23-Nov-23	13-Dec-23	
	52	Circular flow upto Four Sector Economy	24-Nov-23	14-Dec-23	
	53	Fiscal Policy- Meaning & Objectives	25-Nov-23	15-Dec-23	
	54	Instrument of Fiscal Policy	27-Nov-23	15-Dec-23	
	55	Monetary Policy- Meaning & Objectives	28-Nov-23	16-Dec-23	
	56	Instrument of Monetary Policy	29-Nov-23	16-Dec-23	
	57	National Income- Meaning & Methods	30-Nov-23	18-Dec-23	

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	58	Concept of National Income & Related Aggregates	1-Dec-23	18-Dec-23	
	59	**Revision/Problem Solving**	2-Dec-23	19-Dec-23	
	60	**Test**	4-Dec-23	20-Dec-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**		**Dean/Director :**	
IV Unit (18)	61	The World Economy; Introduction	5-Dec-23	21-Dec-23	
	62	WTO, Structure, Features, Objectives of WTO	6-Dec-23	21-Dec-23	
	63	Globalization; Introduction & Features	7-Dec-23	22-Dec-23	
	64	Causes of Globalization, Strategies of Globalization	8-Dec-23	22-Dec-23	
	65	MNCs	9-Dec-23	23-Dec-23	
	66	Forms, Features of MNCs	11-Dec-23	23-Dec-23	
	67	Benefits from MNCs	12-Dec-23	23-Dec-23	
	68	Outsourcing; Introduction, Classification	13-Dec-23	25-Dec-23	
	69	Advantages & Disadvantages of Outsourcing	14-Dec-23	25-Dec-23	
	70	Foreign Capital in India	15-Dec-23	26-Dec-23	
	71	FDI- Merits & Demerits	16-Dec-23	26-Dec-23	
	72	Trips- Classification	18-Dec-23	27-Dec-23	
	73	G-20	19-Dec-23	27-Dec-23	
	74	Dumping	20-Dec-23	28-Dec-23	
	75	Effects & Anty-Dumping Measures	21-Dec-23	28-Dec-23	
	76	Exim Policy 2004-2009	22-Dec-23	28-Dec-23	
	77	**Revision/Problem Solving**	23-Dec-23	29-Dec-23	
	78	**Test**	26-Dec-23	29-Dec-23	
Signed by →		(After Complete the Unit) **Faculty:** Shubham Tayal **HOD :**		**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Shubham Tayal
Signature of Faculty Shubham Tayal

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Chairman
IQAC, Shri Ram College,
Muzaffarnagar

SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Mr.Rahul Mainwal | Institute:- SRC | Department:- Computer Application

Subject & Code :- Elements of Statistics & 305 | Year & Semester :- 2nd / 3rd | Total Lecture:- 75

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lec. No.	Name of Topics	Planned Date	Actual Dat	Faculty Signature
Unit I (10)	1	Define of statistics, Frequency distribution	18-Sep-23	09-10-23	Rahul SRGC
	2	Graphical representation : Histogram, Frequency polygon	19-Sep-23	10-10-23	
	3	Cumulative Frequency (ogive)	20-Sep-23	10-10-23	
	4	Define statistics in singular and plural sense	21-Sep-23	11-10-23	
	5	Limitation of Statistics	22-Sep-23	11-10-23	
	6	Collection of data	23-Sep-23	12-10-23	
	7	Classificaton of Data	25-Sep-23	12-10-23	
	8	Tabulation of Data	26-Sep-23	13-10-23	
	9	Revision/ Problem solving of Unit 1 & Assignment 1 submission	27-Sep-23	13-10-23	
	10	Unit test 1	28-Sep-23	14-10-23	
Signed by →		After Complete the Unit) Dean/Director :		HOD :	
Unit II (18)	11	Average or Measures of Central Tendancy- Mean (for Xi observ	29-Sep-23	16-10-23	
	12	To find mean in case of frequency distribution (direct/short Meth	30-Sep-23	16-10-23	
	13	To find mean in continuous frequency distribution (short-cut Met	3-Oct-23	17-10-23	
	14	To find mean in continuous frequency distribution (step-deviatio	4-Oct-23	17-10-23	
	15	To find missing frequency	5-Oct-23	18-10-23	
	16	Properties of Mean	6-Oct-23	18-10-23	
	17	Combined Mean	7-Oct-23	21-10-23	
	18	To find Median (if odd/even no terms), for grouped data	9-Oct-23	21-10-23	
	19	Median in Unequal Classes, To find missing frequency if Md given	10-Oct-23	25-10-23	
	20	Mode, mode in discrete series by grouping	11-Oct-23	25-10-23	
	21	Grouping in Continuous series	12-Oct-23	26-10-23	
	22	To find missing frequency if median and mode given	13-Oct-23	26-10-23	
	23	Geometric Mean and use of logarithms in calculation of G.M.	14-Oct-23	27-10-23	
	24	Harmonic Mean, Harmonic Mean in	16-Oct-23	27-10-23	
	25	Miscellaneous example of Mean, Median, Mode	17-Oct-23	28-10-23	
	26	Average Speed	18-Oct-23	28-10-23	
	27	Revision/ Problem solving of Unit 2 & Assignment 2 submission	19-Oct-23	30-10-23	
	28	Unit test 2	20-Oct-23	31-10-23	
Signed by →		After Complete the Unit) Dean/Director :		HOD :	
Unit III (12)	29	Measures of Dispersion	21-Oct-23	01-11-23	
	30	Standard deviation for individual series	25-Oct-23	01-11-23	
	31	For grouped data to find S.D.	26-Oct-23	02-11-23	
	32	For continuous distribution to find S.D.	27-Oct-23	03-11-23	
	33	Mean Deviation for individual series	28-Oct-23	03-11-23	
	34	Mean Deviation for grouped data	30-Oct-23	04-11-23	
	35	Mean Deviation for continuous distribution	31-Oct-23	04-11-23	
	36	Coefficient of variation	1-Nov-23	06-11-23	
	37	Range	2-Nov-23	06-11-23	
	38	Deciles	3-Nov-23	07-11-23	
	39	Revision/ Problem solving of Unit 3 & Assignment 3 submission	4-Nov-23	07-11-23	

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	40	Unit test 3	6-Nov-23	08-11-23	
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Unit IV (13)	41	Quartiles	7-Nov-23	09-11-23	
	42	Percentiles	8-Nov-23	09-11-23	
	43	Percentiles	9-Nov-23	16-11-23	
	44	Factorial Notation	10-Nov-23	16-11-23	13/11/23 C.L.
	45	Permutation type simple problem	15-Nov-23	18-11-23	
	46	Permutation type simple problem	16-Nov-23	18-11-23	
	47	Permutation based Word Problem	17-Nov-23	20-11-23	
	48	Permutation based Word Problem	18-Nov-23	20-11-23	
	49	Permutation with repetition	20-Nov-23	21-11-23	
	50	Circular Permutation	21-Nov-23	22-11-23	
	51	Permutation Type Special problems, Combination	22-Nov-23	23-11-23	
	52	Revision/ Problem solving of Unit 4 & Assignment 4 submissior	23-Nov-23	28-11-23	
	53	Unit test 4	24-Nov-23	28-11-23	
Signed by →		After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit V (10)	54	Combination based problem on formula	25-Nov-23	29-11-23	
	55	Combination based word problem	27-Nov-23	01-12-23	30-11-23 C.L.
	56	Miscellaneous example of Permutation & Combination	28-Nov-23	02-12-23	
	57	Experiments and random experiments	29-Nov-23	04-12-23	
	58	Sample Space	30-Nov-23	05-12-23	
	59	Types of events in Probability	1-Dec-23	06-12-23	
	60	Classical definition of probability and related problems	2-Dec-23	07-12-23	
	61	Addition Probability related problem	4-Dec-23	08-12-23	
	62	Revision/ Problem solving of Unit 5 & Assignment 5 submissior	5-Dec-23	09-12-23	
	63	Unit test 5	6-Dec-23	11-12-23	
Signed by →		After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit VI (12)	64	Multiplication related problem	7-Dec-23	12-12-23	
	65	Conditional Probability	8-Dec-23	12-12-23	
	66	Bayes theorem on probability	9-Dec-23	13-12-23	
	67	Statistical Quality Control ,	11-Dec-23	13-12-23	
	68	Control limits	12-Dec-23	14-12-23	
	69	Specification limits ,Tolerance limit	13-Dec-23	14-12-23	
	70	Process Control, Control chart for X	14-Dec-23	14-12-23	
	71	Control chart for R	15-Dec-23	15-12-23	
	72	p , np chart	16-Dec-23	15-12-23	
	73	C chart	18-Dec-23	15-12-23	
	74	Revision/ Problem solving of Unit 6 & Assignment 5 submissior	19-Dec-23	16-12-23	
	75	Unit test 5	20-Dec-23	16-12-23	
Signed by →		After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Co-ordinator
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Muzaffarnagar

Checked By:
Signature of HOD :

Prepared By: Rahul Kumar Paliwal
Signature of Faculty :

Chairman
IQAC, Shri Ram College,
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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Mr. Rahul Gautam | **Institute:-** SRC, MZN | **Deptt.:-** C.A. | **Total Lecture:-78**

Subject & Code :- C.G. & BCA-401 | **Year & Semester :-** II Year / IV Sem | **Sec.:-** F

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

			PLANNED	ACTUAL	
Unit No. (No. of Periods Allotted)	Lec. No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (20)	1	History of Computer Graphics	26-Mar-24	26/3/24	
	2	Definition & Application of computer graphics	27-Mar-24	27/3/24	
	3	Terminology Of Computer graphics	28-Mar-24	28/3/24	
	4	Type of computer graphic -Raster graphics ,vector graphics	29-Mar-24	29/3/24	
	5	Interactive and non-interactive Computer Graphics	30-Mar-24	30/3/24	
	6	CRT monitor	01-Apr-24	01/4/24	
	7	Raster scan and random scan system	02-Apr-24	02/04/24	
	8	Shadow mask display	03-Apr-24	03/04/24	
	9	Beam penetration Method	04-Apr-24	04/04/24	
	10	DVST(direct view storage tube)	05-Apr-24	05/04/24	
	11	LCD , TFT(Thin film transistor)	06-Apr-24	06/04/24	
	12	Line scan conversion: DDA Algorithm	08-Apr-24	8/4/24	
	13	Bresenham,s line Drawing algo	09-Apr-24	10/4/24	CL.
	14	Scan converting circle: DDA circle algorithm	10-Apr-24	10/4/24	
	15	Bresenham,s circle Drawing algo	12-Apr-24	15/4/24	[Leave on 12,
	16	Mid point circle algorithms	13-Apr-24	18/4/24	13 April 2024]
	17	Scan converting ellipse:polynomial method	15-Apr-24	20/4/24	
	18	Mid point ellipse algorithm	16-Apr-24	22/4/24	
	19	**Revision/Problem Solving of Unit-I**	18-Apr-24	22/4/24	Extra Lect.
	20	**Unit Test- I**	19-Apr-24	23/4/24	
Signed by →		(After Complete the Unit) **Dean/Director :**	**HOD :**	**Faculty:**	
II Unit (13)	21	Hardcopy Technologies :Input/output device	20-Apr-24	24/4/24	
	22	Raster scan display system	22-Apr-24	24/4/24	Extra Lect
	23	Random processor display	23-Apr-24	25/4/24	
	24	Video controller	24-Apr-24	26/4/24	
	25	Image scanners	25-Apr-24	27/4/24	
	26	Graphics Tools: Dream Weaver	26-Apr-24	27/4/24	Extra Lect
	27	3D Effects	27-Apr-24	29/4/24	

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	28	Point Clipping and Line Clipping	29-Apr-24	30/4/24	
	29	Southerland-Cohen Algorithms	30-Apr-24	30/4/24	Extra lect.
	30	Cyrus-Beck Algorithm	01-May-24	1/5/24	
	31	Mid Point Line Clipping	02-May-24	2/5/24	
	32	**Revision/Problem Solving of Unit-II**	03-May-24	3/5/24	
	33	**Unit Test- II**	04-May-24	3/5/24	Extra lect
Signed by →		(After Complete the Unit) **Dean/Director :**	**HOD :**	**Faculty:**	
III Unit (11)	34	Geometrical transformation and its types	06-May-24	4/5/24	
	35	2D translation , 2D rotation (geometric)	07-May-24	6/5/24	
	36	2D scaling , 2D mirror (geometric)	08-May-24	6/5/24	Extra lect
	37	Homogeneous Co-ordinates of 2D	09-May-24	7/5/24	
	38	Matrix representation of 2D operation	10-May-24	8/5/24	
	39	Numerical problem over transformation	11-May-24	9/5/24	
	40	Composition of 2d transformation	13-May-24	10/5/24	
	41	Window to viewport transformation	14-May-24	10/5/24	Extra lect.
	42	Introduction to 3D transformation	15-May-24	11/5/24	
	43	**Revision/Problem Solving of Unit-III**	16-May-24	13/5/24	
	44	**Unit Test- III**	17-May-24	14/5/24	
Signed by →		(After Complete the Unit) **Dean/Director :**	**HOD :**	**Faculty:**	
IV Unit (17)	45	Introduction to Projection and its types	18-May-24	14/5/24	
	46	Parallel projection	20-May-24	15/5/24	- CL (20/5/24)
	47	Perspective projection	21-May-24	16/5/24	
	48	Representing curve an surface: Polygon meshes parametrics	22-May-24	17/5/24	
	49	Spline representation:Bezier curves	23-May-24	17/5/24	Extra lect
	50	B- spline curves	24-May-24	18/5/24	
	51	Back face removal and detection	25-May-24	21/5/24	
	52	Z-buffer algorithm	27-May-24	22/5/24	
	53	Hidden surface detection	28-May-24	22/5/24	Extra lect
	54	Introduction of solid modelling	29-May-24	23/5/24	
	55	Regularized Boolean operators	30-May-24	24/5/24	
	56	Sweep Methods	31-May-24	24/5/24	Extra lect
	57	Boundary Representation	01-Jun-24	25/5/24	
	58	Spatial partitioning geometry	03-Jun-24	27/5/24	
	59	Constructive solid geometry(CSG)	04-Jun-24	28/5/24	
	60	**Revision/Problem Solving of Unit-IV**	05-Jun-24	29/5/24	
	61	**Unit Test-IV**	06-Jun-24	29/5/24	Extra lect
Signed by →		(After Complete the Unit) **Dean/Director :**	**HOD :**	**Faculty:**	

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	62	Introductory to multimedia	07-Jun-24	30/5/24	
	63	CD Rom technology	08-Jun-24	31/5/24	
	64	DVD ROM technology	10-Jun-24	31/5/24	Extra week
	65	Animation &its type	11-Jun-24	01/6/24	
V Unit (09)	66	Multimedia and Animation technology	12-Jun-24	02/6/24	
	67	Computer animation creation	13-Jun-24	03/6/24	
	68	Animation design	14-Jun-24	03/6/24	
	69	**Revision/Problem Solving of Unit-V**	15-Jun-24	04/6/24	
	70	Unit Test-V	17-Jun-24	04/6/24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			
	71	Multimedia concept and uses	18-Jun-24	05/6/24	
	72	Cont.: Multimedia concept and uses	19-Jun-24	05/6/24	
	73	Software requirement of multimedia	20-Jun-24	06/6/24	
V nit (08)	74	Hardware requirement of multimedia	21-Jun-24	06/06/24	
	75	Layer in multimedia application	22-Jun-24	07/6/24	
	76	Motivation for multimedia usage	24-Jun-24	07/6/24	
	77	**Revision/Problem Solving of Unit-VI**	25-Jun-24	08/6/24	
	78	Unit Test-VI	26-Jun-24	08/6/24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :** **Faculty:**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

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IQAC, Shri Ram College,
Muzaffarnagar

SHRI RAM GROUP COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Mr. Rahul Gautam **Institute:-** SRC, MZN **Department:-** C.A.

Subject & Code:- C.G. & 0428080 **Year & Semester:-** IInd & 4th **Session:-** 2023-24

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab Allotted)	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
Lab-1	WAP to display moving a Text.	30/Mar/2024	30/3/24	
Lab-2	WAP to draw a line using library function.	30/Mar/2024	30/3/24	
Lab-3	WAP to draw a circle using library function.	6/Apr/2024	06/04/24	
Lab-4	WAP to draw ellipse using library function.	6/Apr/2024	06/04/24	
Lab-5	WAP to write a message with different color.	13/Apr/2024	13/4/24	
Lab-6	WAP to a line using DDA.	20/Apr/2024	13/4/24	
Lab-7	WAP to draw a line using Bresenham's line Algorithm.	27/Apr/2024	20/4/24	
Lab-8	WAP to draw a circle using midpoint circle Algorithm.	4/May/2024	27/4/24	
Lab-9	WAP to draw a circle using Bresenham's circle Algorithm.	11/May/2024	4/5/24	
Lab-10	WAP to draw moving car using library function.	18/May/2024	11/5/24	
Lab-11	WAP to implement 2D translation using triangle shape.	25/May/2024	18/5/24	
Lab-12	WAP to implement 2D -Rotation.	1/Jun/2024	25/5/24	
Lab-13	WAP to implement 2D –Traslation.	8/Jun/2024	25/5/24	
Lab-14	WAP to creating a Bar Chart of giving data.	15/Jun/2024	1/6/24	
Lab-15	WAP to creating a Pie Chart of giving data.	22/Jun/2024	1/8/24	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Co-ordinator
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IQAC, Shri Ram College,
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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- RAHUL MAINWAL | Institute:- SRC | Department:- Computer Application

Subject & Code :- Optimization Techniques & 0427005 | Year & Semester :- 2,IV | Total Lecture:- 75

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED			ACTUAL	
Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
1	Linear Programming	26-Mar-24	26-3-24	
2	Central Problems of Linear Programming	27-Mar-24	26-3-24	
3	Various definitions included Statements of basic theorem and also their properties	28-Mar-24	27-3-24	
4	Simplex methods-Meaning	29-Mar-24	27-3-24	
5	Simplex methods-Applications	30-Mar-24	27-3-24	
6	Simplex methods-Uses	1-Apr-24	28-3-24	
7	Primal and dual simplex method-Meaning	2-Apr-24	28-3-24	
8	Primal and dual simplex method-Applications	3-Apr-24	28-3-24	
9	Primal and dual simplex method-Uses	4-Apr-24	29-3-24	
10	Transport problem-Meaning	5-Apr-24	29-3-24	
11	Transport problem-Applications	6-Apr-24	29-3-24	
12	Transport problem-Uses	8-Apr-24	30-3-24	
13	Tie-Tae problem-Meaning	9-Apr-24	30-3-24	
14	Tie-Tae problem and its solution	10-Apr-24	01-4-24.	
15	Tie-Tae problem-Applications	12-Apr-24	01-4-24	
16	Tie-Tae problem-Uses	13-Apr-24	02-4-24	
17	Assignment problem-Meaning	15-Apr-24	02-4-24	
18	Assignment problem and its solution	16-Apr-24	02-4-24	
19	Assignment problem-Applications	18-Apr-24	03-4-24	
20	Assignment problem-Uses	19-Apr-24	03-4-24	
21	Graphical Method-Meaning	20-Apr-24	04-4-24	
22	Graphical Method Formulation	22-Apr-24	04-4-24	
23	Graphical Method-Applications	23-Apr-24	04-4-24	
24	Graphical Method-Uses	24-Apr-24	05-4-24	
25	Linear Programming Problem-Meaning	25-Apr-24	05-4-24	
26	Linear Programming Problem	26-Apr-24	06-4-24	
27	Linear Programming Problem-Applications	27-Apr-24	06-4-24	
28	Linear Programming Problem-Uses	29-Apr-24	08-4-24	
29	Revision	30-Apr-24	08-4-24	
30	Test I	1-May-24	09-4-24	
31	Problems solving	2-May-24	10-4-24	
32	Assignment I	3-May-24	10-4-24	
	(After Complete the Unit) Faculty: HOD : Dean/Director :			
33	Queuing Theory	4-May-24	12-4-24	
34	Queuing Theory-Features and Applications	6-May-24	12-4-24	
35	Characteristics of queuing system	7-May-24	13-4-24	
36	Classification of Queuing Model	8-May-24	13-4-24	
37	Single Channel Queuing Theory	9-May-24	15-4-24	
38	Generalization of steady state M/M	10-May-24	15-4-24	

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39	I queuing models-Meaning	11-May-24	16-4-24	
40	I queuing models-Model-I	13-May-24	18-4-24	
41	I queuing models-Model-II	14-May-24	19-4-24	
42	Applications of queuing models	15-May-24	20-4-24	
43	Revision	16-May-24	22-4-24	
44	Test 2	17-May-24	23-4-24	
45	Problems solving	18-May-24	24-4-24	
46	Assignment 2	20-May-24	27-4-24	25-4-24 - C.L.
	(After Complete the Unit) Faculty: HOD : Dean/Director :			
47	Replacement Theory	21-May-24	29-4-24	26-4-24 - C.L.
48	Replacement Theory-Meaning. Importance	22-May-24	30-4-24	
49	Replacement Theory-Applications	23-May-24	01-5-24	
50	Replacement Theory-How to use in business world	24-May-24	02-5-24	
51	Replacement of item that deteriorates replacement of items that fail	25-May-24	03-5-24	
52	Group replacement	27-May-24	04-5-24	
53	Individual replacement	28-May-24	06-5-24	
54	Applications of Group replacement	29-May-24	07-5-24	
55	Applications of Individual replacement	30-May-24	08-5-24	
56	Revision	31-May-24	09-5-24	
57	Test 3	1-Jun-24	10-5-24	
58	Problems solving	3-Jun-24	11-5-24	
59	Assignment 3	4-Jun-24	13-5-24	
	(After Complete the Unit) Faculty: HOD : Dean/Director :			
60	Inventory Theory	5-Jun-24	14-5-24	
61	Cost involved in inventory problem	6-Jun-24	15-5-24	
62	Single item deterministic model	7-Jun-24	16-5-24	
63	Economics long size model without shortage and Economics long size model with shorter having production rate infinite and finite	8-Jun-24	17-5-24	
64	Revision	10-Jun-24	18-5-24	
65	Test 4	11-Jun-24	20-5-24	
66	Problems solving	12-Jun-24	21-5-24	
67	Assignment 4	13-Jun-24	22-5-24	
	(After Complete the Unit) Faculty: HOD : Dean/Director :			
68	Job Sequencing-Introduction	14-Jun-24	23-5-24	
69	Solution of Sequencing problem	15-Jun-24	24-5-24	
70	Johnsons algorithm for n jobs through Machine 1	17-Jun-24	25-5-24	
71	Johnsons algorithm for n jobs through Machine 2	18-Jun-24	27-5-24	
72	Revision	19-Jun-24	28-5-24	29-5-24 - C.L.
73	Test 5	20-Jun-24	30-5-24	
74	Problems solving	21-Jun-24	31-5-24	
75	Assignment 5	22-Jun-24	01-6-24	
	(After Complete the Unit) Faculty: HOD : Dean/Director :			

Approved By :
Signature of Dean Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Co-ordinator
IQAC, Shri Ram College
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Chairman
IQAC, Shri Ram College,
Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Dr. Anu Devi Institute:- SRC Department:-Fine Arts

Subject & Code :- History of Modern Art Year & Semester :- 4th Total Lecture:- 164

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit 1	1	Modernism –A Historical preamble Prelude to Modernism	25/9/2023	25/9/2023	
	2	Modernism –A Historical preamble Prelude to Modernism	26/9/2023	26/9/2023	
	3	Impressionism –A Magic of light Artist	27/9/2023	27/9/2023	
	4	Impressionism –A Magic of light Artist	28/9/2023	28/9/2023	
	5	Impressionism –A Magic of light Artist	29/9/2023	29/9/2023	
	6	Manet,	30/9/2023	30/9/2023	
	7	Manet,	3/10/2023	3/10/2023	
	8	Manet,	4/10/2023	4/10/2023	
	9	Manet,	5/10/2023	5/10/2023	
	10	Revision	6/10/2023	6/10/2023	
	11	Renoir	7/10/2023	7/10/2023	
	12	Renoir	9/10/2023	9/10/2023	
	13	Renoir	10/10/2023	10/10/2023	
	14	Revision	11/10/2023	11/10/2023	
	15	Monet,	12/10/2023	12/10/2023	
	16	Monet,	13/10/2023	13/10/2023	
	17	Monet,	14/10/2023	14/10/2023	
	18	Revision	16/10/2023	16/10/2023	
	19	Degas,	17/10/2023	17/10/2023	
	20	Degas,	18/10/2023	18/10/2023	
	21	Degas,	19/10/2023	19/10/2023	
	22	Berth Morisot,	20/10/2023	20/10/2023	
	23	Berth Morisot,	21/10/2023	21/10/2023	
	24	Mary Cassatt	25/10/2023	25/10/2023	
	25	Mary Cassatt	26/10/2023	26/10/2023	
	26	Revision	27/10/2023	27/10/2023	
	27	Test	28/10/2023	28/10/2023	Leave
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
	28	Pointillism –	30/10/2023	30/10/2023	
	29	Pointillism –	31/10/2023	31/10/2023	
	30	Pointillism –	1/11/2023	1/11/2023	
	31	Seurat,	2/11/2023	2/11/2023	
	32	Seurat,	3/11/2023	3/11/2023	
	33	Seurat,	4/11/2023	4/11/2023	
	34	Revision	6/11/2023	6/11/2023	
	35	Van Gogh,	7/11/2023	7/11/2023	
	36	Van Gogh,	8/11/2023	8/11/2023	

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Unit 2	37	Van Gogh,	9/11/2023	9/11/2023	
	38	Revision	10/11/2023	10/11/2023	
	39	Paul Gauguin,	16/11/2023	16/11/2023	
	40	Paul Gauguin,	17/11/2023	17/11/2023	
	41	Paul Gauguin,	18/11/2023	18/11/2023	
	42	Revision	20/11/2023	20/11/2023	
	43	Cezanne	21/11/2023	21/11/2023	
	44	Cezanne	22/11/2023	22/11/2023	
	45	Cezanne	23/11/2023	23/11/2023	
	46	Revision	24/11/2023	24/11/2023	
	47	Toulouse	25/11/2023	25/11/2023	
	48	Toulouse	27/11/2023	27/11/2023	
	49	Lautrec Between tradition and modernity-Rodin and other sculptors	28/11/2023	28/11/2023	
	50	Lautrec Between tradition and modernity-Rodin and other sculptors	29/11/2023	29/11/2023	
	51	Lautrec Between tradition and modernity-Rodin and other sculptors	30/11/2023	30/11/2023	
	52	Revision	1/12/2023	1/12/2023	
	53	Test	2/12/2023	2/12/2023	
	54	PPT Prsentation	4/12/2023	4/12/2023	
	55	PPT Prsentation	5/12/2023	5/12/2023	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
Unit 3	56	Break With the History – Crisis of modern consciousness	6/12/2023	6/12/2023	
	57	Break With the History – Crisis of modern consciousness	7/12/2023	7/12/2023	
	58	Break With the History – Crisis of modern consciousness	8/12/2023	8/12/2023	
	59	Revision	9/12/2023	9/12/2023	
	60	Edward Munch	11/12/2023	11/12/2023	
	61	Edward Munch	12/12/2023	12/12/2023	
	62	Edward Munch	13/12/2023	13/12/2023	
	63	Edward Munch	14/12/2023	14/12/2023	
	64	Test	15/12/2023	15/12/2023	
	65	,Breaking the form Cubism ,Expressionism of Picasso Classicism in sculpture	16/12/2023	16/12/2023	
	66	,Breaking the form Cubism ,Expressionism of Picasso Classicism in sculpture	18/12/2023	18/12/2023	
	67	,Breaking the form Cubism ,Expressionism of Picasso Classicism in sculpture	19/12/2023	19/12/2023	
	68	Revision	20/12/2023	20/12/2023	
	69	Zadkin	21/12/2023	21/12/2023	
	70	Zadkin	22/12/2023	22/12/2023	
	71	, Lipchitz Futurism	23/12/2023	23/12/2023	
	72	, Lipchitz Futurism	26/12/2023	26/12/2023	
	73	The primitivism in the fauves – Matisse	27/12/2023	27/12/2023	
	74	The primitivism in the fauves – Matisse	28/12/2023	28/12/2023	
	75	The primitivism in the fauves – Matisse	29/12/2023	29/12/2023	
	76	,Revision	8/1/2024	8/1/2024	
	77	PPT	9/1/2024	9/1/2024	
Signed by →		(After Complete the Unit) Faculty: HOD Dean/Director :			
	78	Expression and form -The Bruce painters	10/1/2024	10/1/2024	
	79	Expression and form -The Bruce painters	11/1/2024	11/1/2024	

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	80	Expression and form -The Bruce painters	12/1/2024	12/1/2024	
	81	Expression and form -The Bruce painters	13/1/2024	13/1/2024	
	82	Kirchner,	15/1/2024	15/1/2024	
	83	Kirchner,	16/1/2024	16/1/2024	
	84	Kirchner,	17/1/2024	17/1/2024	
	85	Kirchner,	18/1/2024	18/1/2024	
	86	Kokoschka	19/1/2024	19/1/2024	
	87	Kokoschka	20/1/2024	20/1/2024	
	88	The Blue Rider artist	22/1/2024	22/1/2024	
	89	The Blue Rider artist	23/1/2024	23/1/2024	
	90	The Blue Rider artist	24/1/2024	24/1/2024	
	91	The Blue Rider artist	25/1/2024	25/1/2024	
Unit 4	92	Klee	27/1/2024	27/1/2024	
	93	Klee	29/1/2024	29/1/2024	
	94	Klee	30/1/2024	30/1/2024	
	95	Revision	31/1/2024	31/1/2024	
	96	Kandinsky	1/2/2024	1/2/2024	
	97	Kandinsky	2/2/2024	2/2/2024	
	98	Kandinsky	3/2/2024	3/2/2024	
	99	Revision	5/2/2024	6/2/2024	leave
	100	Brancusi	6/2/2024	7/2/2024	
	101	Brancusi	7/2/2024	8/2/2024	
	102	Henry Moore and new developments in sculpture	8/2/2024	9/2/2024	
	103	Henry Moore and new developments in sculpture	9/2/2024	10/2/2024	
	104	Revision	10/2/2024	12/2/2024	
	105	Test	12/2/2024	12/2/2024	
Signed by →		(After Complete the Unit) **Faculty:** **HOD**		**Dean/Director :**	
	106	Revolt of Material and Psyche- Shift from	13/2/2024	13/2/2024	
	107	Revolt of Material and Psyche- Shift from	14/2/2024	14/2/2024	
	108	Revolt of Material and Psyche- Shift from	15/2/2024	15/2/2024	
	109	Paris to New Yark	16/2/2024	16/02/2024	
	110	Paris to New Yark	17/2/2024	17/02/2024	
	111	Paris to New Yark	19/2/2024	19/2/2024	
	112	Paris to New Yark	20/2/2024	20/2/2024	
	113	Revision	21/2/2024	21/2/2024	
	114	.Abstract Expressionism	22/2/2024	22/2/2024	
	115	.Abstract Expressionism	23/2/2024	23/2/2024	
	116	Revision	24/2/2024	24/2/2024	
	117	Jackson Pollock	26/2/2024	26/2/2024	
	118	Jackson Pollock	27/2/2024	27/2/2024	
Unit 5	119	Jackson Pollock	28/2/2024	28/2/2024	
	120	Jackson Pollock	29/2/2024	29/2/2024	
	121	Revision	1/3/2024	1/3/2024	
	122	William De Kooning ,	2/3/2024	2/3/2024	
	123	William De Kooning ,	4/3/2024	4/3/2024	
	124	Mark Rothko.	5/3/2024	5/3/2024	

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	125	Mark Rothko.	6/3/2024	6/3/2024	
	126	Revision	7/3/2024	7/3/2024	
	127	Sixteen and Post Sixteen of Twentieth Centre art-	9/3/2024	9/3/2024	
	128	Sixteen and Post Sixteen of Twentieth Centre art-	11/3/2024	11/3/2024	
	129	Sixteen and Post Sixteen of Twentieth Centre art-	12/3/2024	12/3/2024	
	130	Revision	13/3/2024	13/3/2024	
	131	Pop Art –Redefining popular culture –Andy	14/3/2024	14/3/2024	
Signed by →		(After Complete the Unit) Faculty: HOD :		Dean/Director :	
	132	Warhol Roy,	15/3/2024	15/3/2024	
	133	Warhol Roy,	16/3/2024	16/3/2024	
	134	Warhol Roy,	18/3/2024	18/3/2024	
	135	Warhol Roy,	19/3/2024	19/3/2024	
	136	Revision	20/3/2024	20/3/2024	
	137	Lichtenstein	21/3/2024	21/3/2024	
	138	Lichtenstein	22/3/2024	23/3/2024	
	139	Lichtenstein	23/3/2024	23/3/2024	
	140	Revision	26/3/2024	26/3/2024	
	141	Jasper Johan	27/3/2024	27/3/2024	
	142	Jasper Johan	28/3/2024	28/3/2024	
	143	Jasper Johan	29/3/2024	29/3/2024	
	144	Revision	30/3/2024	30/3/2024	
	145	Minimalist Art- Condensation of reality- Donald Judd	1/4/2024	1/4/2024	
	146	Minimalist Art- Condensation of reality- Donald Judd	2/4/2024	2/4/2024	
Unit 6	147	Minimalist Art- Condensation of reality- Donald Judd	3/4/2024	3/4/2024	
	148	Robert Morris	4/4/2024	4/4/2024	
	149	Robert Morris	5/4/2024	5/4/2024	
	150	Robert Morris	6/4/2024	6/4/2024	
	151	Robert Morris	8/4/2024	8/4/2024	
	152	Robert Morris	9/4/2024	9/4/2024	
	153	,Frank Stella .Concepturel Art Joseph Beuys and later development	10/4/2024	10/4/2024	
	154	,Frank Stella .Concepturel Art Joseph Beuys and later development	12/4/2024	12/4/2024	
	155	,Frank Stella .Concepturel Art Joseph Beuys and later development	13/4/2024	13/4/2024	
	156	Revision	15/4/2024	15/4/2024	
	157	Revision	16/4/2024	16/4/2024	
	158	Test	18/04/2024	18/4/2024	
	159	PPT Prsentation	19/4/2024	19/4/2024	
	160	PPT Prsentation	20/4/2024	20/4/2024	
	161	PPT Prsentation	22/4/2024	22/4/2024	
Signed by →		(After Complete the Unit) Faculty: HOD :		Dean/Director :	

Approved By :	Checked By:	Prepared By:
Signature of Dean/Director :	Signature of HOD :	Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2A

Name of Faculty:- Ms Reena Tyagi Institute:- SRC Department:-Fine Arts

Subject & Code : Entrepreunership Mgmt with Project Year & Semester :- MFA 1st Sem Total Lecture:- 67

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (13)	1	Introduction to entrepreneurship	25/9/2023	25/9/23	
	2	Introduction to entrepreneurship	26/9/2023	26/9/23	
	3	Concept	27/9/2023	27/9/23	
	5	Need and significance	28/9/2023	28/9/23	
	6	Classification of entrepreneur	29/9/2023	29/9/23	
	7	Types of enterprises classification based on capital, pr	30/9/2023	30/9/23	
	8	Types of enterprises classification based on capital, product and ownership	3/10/2023	3/10/23	
	9	Types of enterprises classification based on capital, pr	4/10/2023	4/10/23	
	10	Estimation and mobilization of resources, Challenges,	5/10/2023	5/10/23	
	11	Estimation and mobilization of resources, Challenges,	6/10/2023	6/10/23	
	12	**Revision/Problem Solving /Test**	7/10/2023	9/10/23	Leave.
	13	**Assignment**	9/10/2023	10/10/23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
II Unit.(12)	14	Entrepreneurial Motivation and Ideas	10/10/2023	11/10/23	
	15	Meaning of Achievement motivation	11/10/2023	12/10/23	
	16	Meaning of Achievement motivation	12/10/2023	13/10/23	
	17	Meaning of Achievement motivation	13/10/2023	14/10/23	
	18	Motivating factors: Internal and External	14/10/2023	16/10/23	
	19	Motivating factors: Internal and External	16/10/2023	17/10/23	
	20	Motivating factors: Internal and External	17/10/2023	18/10/23	
	21	Creativity generation	18/10/2023	19/10/23	
	22	Creativity generation	19/10/2023	20/10/23	
	23	Selection of entreprencurial ideas	20/10/2023	21/10/23	
	24	**Revision/Problem Solving /Test**	21/10/2023	25/10/23	
	25	**Assignment**	25/10/2023	25/10/23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
III Unit.(15)	26	Enterprise management	26/10/2023	26/10/23	
	27	Enterprise management	27/10/2023	27/10/23	
	28	Enterprise management	28/10/2023	30/10/23	Leave.
	29	Managing production	30/10/2023	31/10/23	
	30	Managing production	31/10/2023	1/11/23	
	31	Managing production	1/11/2023	2/11/23	
	32	Managing marketing	2/11/2023	3/11/23	
	33	Managing marketing	3/11/2023	4/11/23	
	34	Managing marketing	4/11/2023	6/11/23	
	35	Managing marketing	6/11/2023	7/11/23	
	36	Financial management	7/11/2023	8/11/23	
	37	Financial management	8/11/2023	9/11/23	
	38	Financial management	9/11/2023	10/11/23	
	39	**Revision/Problem Solving /Test**	10/11/2023	17/11/23	
	40	**Assignment**	16/11/2023	18/11/23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
	41	Enterprise resources planning	17/11/2023	20/11/23	
	42	Enterprise resources planning	18/11/2023	21/11/23	

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IV Unit.(13)	43	concept	20/11/2023	23/11/23	
	44	dynamics & methods	21/11/2023	24/11/23	
	45	dynamics & methods	22/11/2023	25/11/23	
	46	Role of institutions CII ,	23/11/2023	27/11/23	
	47	KVIC	24/11/2023	29/11/23	
	48	NIESBUD,	25/11/2023	30/11/23	
	49	FCCI	27/11/2023	1/12/23	
	50	NGO	28/11/2023	2/12/23	
	51	NGO	29/11/2023	4/12/23	
	52	**Revision/Problem Solving /Test**	30/11/2023	5/12/23	
	53	**Assignment**	1/12/2023	6/12/23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
IV Unit.(13)	54	Project Proposal	2/12/2023	7/12/23	
	55	Project Proposal	4/12/2023	8/12/23	
	56	SWOT analysis	5/12/2023	9/12/23	
	57	SWOT analysis	6/12/2023	9/12/23	
	58	SWOT analysis	7/12/2023	11/12/23	
	59	SWOT analysis	8/12/2023	11/12/23	
	60	Format, Content	9/12/2023	12/12/23	
	61	Format, Content	11/12/2023	13/12/23	
	62	Format, Content	12/12/2023	14/12/23	
	63	Steps in its preparation	13/12/2023	15/12/23	
	64	Project feasibility analysis	14/12/2023	16/12/23	
	65	Project feasibility analysis	15/12/2023	18/12/23	
	66	**Revision/Problem Solving /Test**	16/12/2023	19/12/23	
	67	**Assignment**	18/12/2023	20/12/23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Ms Reena Tyagi Institute:- SRC Department:-Fine Arts

Subject & Code : Surface Ornamenatation Year & Semester :- 2/3 Total Lecture:- 70

Session: 20223-24

COURSE COVERAGE PLAN/LECTURE PLAN (LAB)

			PLANNED	ACTUAL	
Unit No. (No. of Periods	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
UNIT I (27)	1	Block Printing	25/9/2023	25-9-24	
	2	Block Printing	26/9/2023	26-9-24	
	3	Block Printing	27/9/2023	27-9-24	
	4	Block Printing	28/9/2023	28-9-24	
	5	Block Printing	29/9/2023	30-9-23	
	6	Screen Printing	30/9/2023	3-10-23	
	7	Screen Printing	3/10/2023	4-10-23	
	8	Screen Printing	4/10/2023	5-10-23	
	9	Screen Printing	5/10/2023	6-10-23	
	10	Screen Printing	6/10/2023	7-10-23	
	11	Stencil Printing	7/10/2023	9-10-23	
	12	Stencil Printing	9/10/2023	11-10-23	
	13	Stencil Printing	10/10/2023	12-10-23	
	14	Stencil Printing	11/10/2023	13-10-23	
	15	Stencil Printing	12/10/2023	14-10-23	
	16	Tai & Dye	13/10/2023	16-10-23	
	17	Tai & Dye	14/10/2023	17-10-23	
	18	Tai & Dye	16/10/2023	18-10-23	
	19	Tai & Dye	17/10/2023	19-10-23	
	20	Tai & Dye	18/10/2023	20-10-23	
	21	Fabric Printing	19/10/2023	21-10-23	
	22	Fabric Printing	20/10/2023	25-10-23	
	23	Fabric Printing	21/10/2023	26-10-23	
	24	Fabric Printing	25/10/2023	27-10-23	Leave.
	25	Fabric Printing	26/10/2023	30-10-23	
	26	Fabric Printing	27/10/2023	31-10-23	
	27	**Revision/Problem Solving /Test**	28/10/2023	1-11-23	
		Assignment	30/10/2023	2-11-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
UNIT II (10)	28	Gold Silver Embroidery	31/10/2023	3-11-23	
	29	Gold Silver Embroidery	1/11/2023	4-11-23	
	30	Gold Silver Embroidery	2/11/2023	6-11-23	
	31	Zardozi Work	3/11/2023	7-11-23	
	32	Zardozi Work	4/11/2023	8-11-23	
	33	Zardozi Work	6/11/2023	9-11-23	
	34	Mirror Work	7/11/2023	16-11-23	
	35	Mirror Work	8/11/2023	17-11-23	
	36	Mirror Work	9/11/2023	18-11-23	
	37	Mirror Work	10/11/2023	20-11-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
UNIT III (12)	38	Sequins Work	16/11/2023	21-11-23	
	39	Sequins Work	17/11/2023	22-11-23	
	40	Sequins Work	18/11/2023	23-11-23	
	41	Sequins Work	20/11/2023	24-11-23	
	42	Patch Work	21/11/2023	25-11-23	
	43	Patch Work	22/11/2023	27-11-23	Leave
	44	Patch Work	23/11/2023	29-11-23	

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	45	Patch Work	24/11/2023	29|11|23	
	46	Applique Work	25/11/2023	30|11|23	
	47	Applique Work	27/11/2023	1|12|23	
	48	Applique Work	28/11/2023	1|12|23	
	49	Applique Work	29/11/2023	4|12|23	
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :	
UNIT IV (13)	50	Quilting	30/11/2023	5|12|23	
	51	Quilting	1/12/2023	6|12|23	
	52	Quilting	2/12/2023	7|12|23	
	53	Quilting	4/12/2023	7|12|23	
	54	Macrame Work	5/12/2023	9|12|23	
	55	Macrame Work	6/12/2023	10|12|23	
	56	Macrame Work	7/12/2023	11|12|23	
	57	Macrame Work	9/12/2023	12|12|23	
	58	Macrame Work	10/12/2023	13|12|23	
	59	Crochet	11/12/2023	14|12|23	
	60	Crochet	12/12/2023	15|12|23	
	61	Crochet	13/12/2023	16|12|23	
	62	Crochet	14/12/2023	18|12|23	
	63	Crochet	15/12/2023	18|12|23	
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :	
UNIT V (7)	64	Creative Work	16/12/2023	19|12|23	
	65	Creative Work	18/12/2023	20|12|23	
	66	Creative Work	19/12/2023	21|12|23	
	67	Creative Work	20/12/2023	22|12|23	
	68	Creative Work	21/12/2023	23|12|23	
	69	**Revision/Problem Solving /Test**	22/12/2023	24|12|23	
	70	**Assignment**	23/12/2023	24|12|23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD**	**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Dr. Anu Devi Institute:- SRC Departme Department of Fine Arts

Subject & Code :- History of far eastern Art Year & Semester :- 3rd Total Lecture:- 161

Session: 2024-25

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit -1	1	Chinese Art-Painting and	25/9/2023	25-9-23	
	2	Chinese Art-Painting and	26/9/2023	26/9/23	
	3	Chinese Art-Painting and	27/9/2023	27/9/23	
	4	Chinese Art-Painting and	28/9/2023	28/9/23	
	5	Chou Dynasty.	29/9/2023	29/9/23	
	6	Chou Dynasty.	30/9/2023	30/9/23	
	7	Chou Dynasty.	3/10/2023	3/10/23	
	8	Chou Dynasty.	4/10/2023	4/10/23	
	9	Chou Dynasty.	5/10/2023	5/10/23	
	10	Chou Dynasty.	6/10/2023	6/10/23	
	11	Chou dynasty the pre históric Age	7/10/2023	9/10/23	Leave
	12	,Early Painting	9/10/2023	10/10/23	
	13	,Early Painting	10/10/2023	11/10/23	
	14	Han Dynasty ,	11/10/2023	12/10/23	
	15	Han Dynasty ,	12/10/2023	13/10/23	
	16	Han Dynasty ,	13/10/2023	14/10/23	
	17	Han Dynasty ,	14/10/2023	16/10/23	
	18	Wei,Sui Dynasty	16/10/2023	17/10/23	
	19	Wei,Sui Dynasty	17/10/2023	18/10/23	
	20	Tang Dynasty,	18/10/2023	19/10/23	
	21	Tang Dynasty,	19/10/2023	20/10/23	
	22	Tang Dynasty,	20/10/2023	21/10/23	
	23	Tang Dynasty,	21/10/2023	25/10/23	
	24	Tang Dynasty,	25/10/2023	26/10/23	
	25	Six Dynasty,	26/10/2023	27/10/23	
	26	Six Dynasty,	27/10/2023	28/10/23	
	27	Six Dynasty,	28/10/2023	30/10/23	
	28	Six Dynasty,	30/10/2023	31/10/23	
	29	Six Dynasty,	31/10/2023	31/10/23	
	30	Six Dynasty,	1/11/2023	2/11/23	
	31	Six Dynasty,	2/11/2023	3/11/23	
	32	Sui and Tang (AD 581-907) Chin	3/11/2023	4/11/23	
	33	Sui and Tang (AD 581-907) Chin	4/11/2023	6/11/23	
	34	Sui and Tang (AD 581-907) Chin	6/11/2023	7/11/23	
	35	Sui and Tang (AD 581-907) Chin	7/11/2023	8/11/23	
	36	Revision &Test	8/11/2023	9/11/23	

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	37	Sung hui Dynasty,	9/11/2023	10/11/23
	38	Sung hui Dynasty,	10/11/2023	16/11/23
	39	Sung hui Dynasty,	16/11/2023	17/11/23
	40	Sung hui Dynasty,	17/11/2023	18/11/23
	41	Three Kingdom ,	18/11/2023	20/11/23
	42	Three Kingdom ,	20/11/2023	21/11/23
	43	Ming Dynasty, The Early Painting	21/11/2023	22/11/23
	44	Ming Dynasty, The Early Painting	22/11/2023	23/11/23

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Unit 2	45	Ming Dynasty, The Early Painting	23/11/2023	24/11/23	
	46	Ming Dynasty, The Early Painting	24/11/2023	25/11/23	
	47	Yuan Dynasty,	25/11/2023	27/11/23	
	48	Yuan Dynasty,	27/11/2023	28/11/23	
	49	Yuan Dynasty,	28/11/2023	29/11/23	
	50	Yuan Dynasty,	29/11/2023	30/11/23	
	51	Wu School,	30/11/2023	1/12/23	
	52	Wu School,	1/12/2023	2/12/23	
	53	Wu School,	2/12/2023	4/12/23	
	54	Ching Dynasty	4/12/2023	5/12/23	
	55	Ching Dynasty	5/12/2023	6/12/23	
	56	Ching Dynasty	6/12/2023	7/12/23	
	57	Ching Dynasty	7/12/2023	8/12/23	
	58	The Barbarian Empire; lain chin and Yuan.Ming and Ch'ing	8/12/2023	9/12/23	
	59	The Barbarian Empire; lain chin and Yuan.Ming and Ch'ing	9/12/2023	11/12/23	
	60	The Barbarian Empire; lain chin and Yuan.Ming and Ch'ing	11/12/2023	12/12/23	
	61	Revision	12/12/2023	13/12/23	
	62	Test	13/12/2023	14/12/23	
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director.:	
	63	Japanese Art – Painting and	14/12/2023	15/12/23	
	64	Japanese Art – Painting and	15/12/2023	16/12/23	
	65	Japanese Art – Painting and	16/12/2023	18/12/23	
	66	Japanese Art – Painting and	18/12/2023	19/12/23	
	67	Early Japanese art period	19/12/2023	20/12/23	
	68	Early Japanese art period	20/12/2023	21/12/23	
	69	Early Japanese art period	21/12/2023	22/12/23	
	70	Early Japanese art period	22/12/2023	23/12/23	
	71	Early Japanese art period	23/12/2023	26/12/23	
	72	.Asuka Period .	26/12/2023	27/12/23	
	73	.Asuka Period .	27/12/2023	28/12/23	
	74	.Asuka Period .	28/12/2023	29/12/23	
	75	.Asuka Period .	29/12/2023	01/1/24	
	76	Nara Period .	8/1/2024	9/1/24	
	77	Nara Period .	9/1/2024	10/1/24	
	78	Nara Period .	10/1/2024	11/1/24	
	79	Nara Period .	11/1/2024	12/1/24	
	80	Heian Period,	12/1/2024	13/1/24	
	81	Heian Period,	13/1/2024	15/1/24	
	82	Heian Period,	15/1/2024	16/1/24	
	83	Heian Period,	16/1/2024	17/1/24	
	84	Kamakura Period,	17/1/2024	18/1/24	
	85	Kamakura Period,	18/1/2024	19/1/24	
	86	Kamakura Period,	19/1/2024	20/1/24	
	87	yamato-e-traditional of narrative	20/1/2024	22/1/24	
	88	yamato-e-traditional of narrative	22/1/2024	23/1/24	
	89	yamato-e-traditional of narrative	23/1/2024	24/1/24	
	90	Momoyama Period	24/1/2024	25/1/24	
	91	Momoyama Period	25/1/2024	27/1/24	
	92	Momoyama Period	27/1/2024	29/1/24	
	93	Muromachi Period	29/1/2024	30/1/24	
	94	Muromachi Period	30/1/2024	31/1/24	

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95	Muromachi Period	31/1/2024	1/2/24	
96	,Edo Period.	1/2/2024	2/2/24	
97	,Edo Period.	2/2/2024	3/2/24	
98	,Edo Period.	3/2/2024	6/2/24	Leave
99	,Edo Period.	5/2/2024	7/2/24	
100	Revision	6/2/2024	8/2/24	
101	Test	7/2/2024	9/2/24	
102	PPT PRESENTATION	8/2/2024	10/2/24	
103	PPT PRESENTATION	9/2/2024	12/2/24	
104	PPT PRESENTATION	10/2/2024	12/2/24	

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105	Architecture –Pre-Buddhist Age;	12/2/2024	13/2/24	
106	Architecture –Pre-Buddhist Age;	13/2/2024	14/2/24	
107	Architecture –Pre-Buddhist Age;	14/2/2024	15/2/24	
108	Architecture –Pre-Buddhist Age;	15/2/2024	16/2/24	
109	Architecture –Pre-Buddhist Age;	16/2/2024	17/2/24	
110	Asuka period	17/2/2024	19/2/24	
111	Asuka period	19/2/2024	20/2/24	
112	Asuka period	20/2/2024	20/2/24	
113	Asuka period	21/2/2024	21/2/24	
114	Asuka period	22/2/2024	22/2/24	
115	Nara Period	23/2/2024	23/2/24	
116	Nara Period	24/2/2024	24/2/24	
117	Nara Period	27/2/2024	26/2/24	
118	Nara Period	28/2/2024	27/2/24	
119	Temple and Building ,Buddhist	29/2/2024	28/2/24	
120	Heian period monastery temple	1/3/2024	29/2/24	
121	Heian period monastery temple	2/3/2024	1/3/24	
122	Heian period monastery temple	4/3/2024	2/3/24	
123	Heian period monastery temple	5/3/2024	4/3/24	
124	Heian period monastery temple	6/3/2024	5/3/24	
125	Muromachi and	7/3/2024	6/3/24	
126	Muromachi and	9/3/2024	7/3/24	
127	Muromachi and	11/3/2024	9/3/24	
128	Muromachi and	12/3/2024	11/3/24	
129	Muromachi and	13/3/2024	12/3/24	
130	Muromachi and	14/3/2024	13/3/24	
131	Edp period	15/3/2024	14/3/24	
132	Edp period	16/3/2024	15/3/24	
Unit 4 133	Edp period	18/3/2024	16/3/24	
134	Southeast Asian Art- Also the arts ,	19/3/2024	18/3/24	
135	Southeast Asian Art- Also the arts ,	20/3/2024	19/3/24	
136	Southeast Asian Art- Also the arts ,	21/3/2024	20/3/24	
137	Korea	22/3/2024	21/3/24	
138	Korea	25/3/2024	22/3/24	
139	Korea	26/3/2024	25/3/24	
140	Thailand	27/3/2024	26/3/24	Leave
141	Thailand	28/3/2024	28/3/24	
142	Thailand	29/3/2024	29/3/24	
143	Thailand	30/3/2024	30/3/24	
144	Cambodia	1/4/2024	1/4/24	
145	Cambodia	2/4/2024	2/4/24	
146	Cambodia	3/4/2024	3/4/24	

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147	Cambodia	4/4/2024	4/4/24	
148	Bali	5/4/2024	5/4/24	
149	Bali	6/4/2024	6/4/24	
150	Bali	8/4/2024	8/4/24	
151	Java	9/4/2024	9/4/24	
152	Java	10/4/2024	10/4/24	
153	Java	12/4/2024	12/4/24	
154	Java	13/4/2024	13/4/24	
155	Revision	15/4/2024	15/4/24	
156	Test	16/4/2024	16/4/24	
157	Test	18/4/2024	18/4/24	
158	PPT Presentation	19/4/2024	19/4/24	
159	PPT Presentation	20/4/2024	20/4/24	
160	PPT Presentation	22/4/2024	22/4/24	
161	PPT Presentation	23/4/2024	23/4/24	
Signed by →	(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
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Signature of Dean/Director :	Signature of HOD :	Signature of Faculty :		

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2A

Name of Faculty:- Dr Ravindra Dhiman Institute:- SRC Department:-BFA Applied Art

Subject & Code :- Advertising Theory (403) Year & Semester :- 4th Year Total Lecture:- 161

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

			PLANNED	ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
	1	**Introduction about Subject**	25/9/2023	25/9/2023	
	2	Advertising Planning and execution	26/9/2023	26/9/2023	
	3	Advertising Planning and execution	27/9/2023	27/9/2023	
	4	Ideas soul of Advertising	28/9/2023	28/9/2023	
	5	Ideas soul of Advertising	29/9/2023	29/9/2023	
	6	Unique selling prints of priducts	30/9/2023	30/9/2023	
	7	Unique selling prints of priducts	3/10/2023	3/10/2023	
	8	How product analyses are made application of USPS.	4/10/2023	4/10/2023	
	9	How product analyses are made application of USPS.	5/10/2023	5/10/2023	
	10	Basic human/ motives that make people Act-Desire and Hope	6/10/2023	6/10/2023	
	11	Basic human/ motives that make people Act-Desire and Hope	7/10/2023	7/10/2023	
	12	Basic human/ motives that make people Act-Desire and Hope	9/10/2023	9/10/2023	
	13	Basic human desire that related to advertisement product	10/10/2023	10/10/2023	
	14	Basic human desire that related to advertisement product	11/10/2023	11/10/2023	
	15	Human sympathy-empathy-enxiety	12/10/2023	12/10/2023	
I Unit (35)	16	Human sympathy-empathy-enxiety	13/10/2023	13/10/2023	
	17	Fear executing the theme creativity.	14/10/2023	14/10/2023	leave
	18	Fear executing the theme creativity.	16/10/2023	16/10/2023	
	19	What is copy platform?	17/10/2023	17/10/2023	
	20	What is copy platform?	18/10/2023	18/10/2023	
	21	Copy writing Function of Advertising copy	19/10/2023	19/10/2023	
	22	Copy writing Function of Advertising copy	20/10/2023	20/10/2023	
	23	Copy writing Function of Advertising copy	21/10/2023	21/10/2023	
	24	Basic ingredients of copy	25/10/2023	25/10/2023	
	25	Basic ingredients of copy	26/10/2023	26/10/2023	
	26	Basic ingredients of copy	27/10/2023	27/10/2023	
	27	Approach an of writing-heading-text copy	28/10/2023	28/10/2023	
	28	Approach an of writing-heading-text copy	30/10/2023	30/10/2023	
	29	Approach an of writing-heading-text copy	31/10/2023	31/10/2023	
	30	Approach an of writing-heading-text copy	1/11/2023	1/11/2023	
	31	Visualization invention of adverising ideas	2/11/2023	2/11/2023	
	32	Visualization invention of adverising ideas	3/11/2023	3/11/2023	
	33	Visualization invention of adverising ideas	4/11/2023	4/11/2023	
	34	**Revision/Problem Solving /Test**	6/11/2023	6/11/2023	
	35	**Assignment**	7/11/2023	7/11/2023	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
	36	Advertising must be such that it is capable of easy perceptioin	8/11/2023	8/11/2023	
	37	Advertising must be such that it is capable of easy perceptioin	9/11/2023	9/11/2023	
	38	Advertising must be interesting	10/11/2023	10/11/2023	
	39	Advertising must be interesting	16/11/2023	16/11/2023	

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	40	Advertising must use the best presentation Law of rhythm	17/11/2023	17/11/2023	
	41	Advertising must use the best presentation Law of rhythm	18/11/2023	18/11/2023	
	42	The Law of emphasis	20/11/2023	20/11/2023	
	43	The Law of emphasis	21/11/2023	21/11/2023	
	44	The Law of Unity	22/11/2023	22/11/2023	
	45	The Law of Simplicity	23/11/2023	23/11/2023	
	46	The Law of Proportions	24/11/2023	24/11/2023	
	47	Eye direction	25/11/2023	25/11/2023	leave
11 Unit (28)	48	Write space unity	27/11/2023	27/11/2023	
	49	Write space simplicity	28/11/2023	28/11/2023	
	50	Write space proportion layout	29/11/2023	29/11/2023	
	51	Picture Vs Words-Communication	30/11/2023	30/11/2023	
	52	The importance of picture in advertising	1/12/2023	1/12/2023	
	53	Function of pictures	2/12/2023	2/12/2023	
	54	Analysizing picture subjects	4/12/2023	4/12/2023	
	55	Subject picture are most interesting to childrens,boys,youth and elderly people	5/12/2023	5/12/2023	
	56	Subject picture are most interesting to childrens,boys,youth and elderly people	6/12/2023	6/12/2023	
	57	Most interesting to men	7/12/2023	7/12/2023	
	58	Most interesting to women	8/12/2023	8/12/2023	
	59	Interesting to both senses	9/12/2023	9/12/2023	
	60	Interesting factors governing pictures,coment	11/12/2023	11/12/2023	
	61	Types of advertising	12/12/2023	12/12/2023	
	62	**Revision/Problem Solving /Test**	13/12/2023	13/12/2023	
	63	**Assignment**	14/12/2023	14/12/2023	

Signed by → (After Complete the Unit) **Faculty:** [illegible] **HOD :** [illegible] **Dean/Director :** [illegible]

	64	The hard sale	15/12/2023	15/12/2023	
	65	The soft sale	16/12/2023	16/12/2023	
	66	The reminder	18/12/2023	18/12/2023	
	67	The prestige	19/12/2023	19/12/2023	
	68	The humorous	20/12/2023	20/12/2023	
	69	Answer advertising	21/12/2023	21/12/2023	
	70	Distributors advertiding	22/12/2023	22/12/2023	
	71	Retail advertising	23/12/2023	23/12/2023	
	72	Industrial advertising	26/12/2023	26/12/2023	
	73	Direct mail advertising	27/12/2023	27/12/2023	
	74	Financial advertising	28/12/2023	28/12/2023	
	75	Travel advertising	29/12/2023	29/12/2023	
III Unit (25)	76	Entertainment advertising	8/1/2024	8/1/2024	
	77	Entertainment advertising	9/1/2024	9/1/2024	
	78	Cooperative advertising	10/1/2024	10/1/2024	
	79	Advertising by Government & public sector	11/1/2024	11/1/2024	
	80	Advertising by Government & public sector	12/1/2024	12/1/2024	
	81	Advertising by Government & public sector	13/1/2024	13/1/2024	
	82	Advertising and public relations	15/1/2024	15/1/2024	
	83	Advertising and public relations	16/1/2024	16/1/2024	
	84	Advertising and public relations	17/1/2024	17/1/2024	
	85	Advertising and public relations	18/1/2024	18/1/2024	
	86	Advertising and public relations	19/1/2024	19/1/2024	
	87	**Revision/Problem Solving /Test**	20/1/2024	20/1/2024	
	88	**Assignment**	22/1/2024	22/1/2024	

Signed by → (After Complete the Unit) **Faculty:** [illegible] **HOD :** [illegible] **Dean/Director :** [illegible]

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IV Unit (28)	89	Advertising Operation	23/1/2024	23/1/2024	
	90	The advertising department	24/1/2024	24/1/2024	
	91	The advertising department	25/1/2024	25/1/2024	
	92	The marketing policy	27/1/2024	27/1/2024	
	93	The marketing policy	29/1/2024	29/1/2024	
	94	public relation department	30/1/2024	30/1/2024	
	95	public relation department	31/1/2024	31/1/2024	
	96	Advertising agency and operation	1/2/2024	1/2/2024	
	97	Advertising agency and operation	2/2/2024	2/2/2024	
	98	How the agency works	3/2/2024	3/2/2024	
	99	How the agency works	5/2/2024	5/2/2024	
	100	The account executive security the client	6/2/2024	6/2/2024	Leave
	101	The account executive security the client	7/2/2024	7/2/2024	
	102	The account executive security the client	8/2/2024	8/2/2024	
	103	Selling agency service collection of relevant data	9/2/2024	9/2/2024	
	104	Selling agency service collection of relevant data	10/2/2024	10/2/2024	
	105	Selling agency service collection of relevant data	12/2/2024	12/2/2024	
	106	The marketing and advertising plan	13/2/2024	13/2/2024	
	107	The marketing and advertising plan	14/2/2024	14/2/2024	
	108	The creative department	15/2/2024	15/2/2024	
	109	The creative department	16/2/2024	16/2/2024	
	110	Creative advertising	17/2/2024	17/2/2024	
	111	The studio	19/2/2024	19/2/2024	
	112	The prodution depatment	20/2/2024	20/2/2024	
	113	Media and scheduling	21/2/2024	21/2/2024	
	114	Why advertising agency service	22/2/2024	22/2/2024	
	115	**Revision/Problem Solving /Test**	23/2/2024	23/2/2024	
	116	**Assignment**	24/2/2024	24/2/2024	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
V Unit (31)	117	Advertising as a Vocation	26/2/2024	26/2/2024	
	118	List of positions in advertising	27/2/2024	27/2/2024	
	119	List of positions in advertising	28/2/2024	28/2/2024	
	120	List of positions in advertising	29/2/2024	29/2/2024	
	121	List of positions in advertising	1/3/2024	1/3/2024	
	122	List of positions in advertising	2/3/2024	2/3/2024	
	123	List of positions in advertising	4/3/2024	4/3/2024	
	124	List of positions in advertising	5/3/2024	5/3/2024	
	125	Advertising agencies manufacturing	6/3/2024	6/3/2024	
	126	Advertising agencies manufacturing	7/3/2024	7/3/2024	
	127	Advertising agencies manufacturing	9/3/2024	9/3/2024	
	128	Advertising agencies manufacturing	11/3/2024	11/3/2024	
	129	Advertising agencies manufacturing	12/3/2024	12/3/2024	
	130	Advertising agencies manufacturing	13/3/2024	13/3/2024	
	131	Advertising agencies manufacturing	14/3/2024	14/3/2024	
	132	Printing houses	15/3/2024	15/3/2024	
	133	Printing houses	16/3/2024	16/3/2024	
	134	Printing houses	18/3/2024	18/3/2024	
	135	Printing houses	19/3/2024	19/3/2024	
	136	Printing houses	20/3/2024	20/3/2024	
	137	Marketing research organization	21/3/2024	21/3/2024	
	138	Marketing research organization	22/3/2024	22/3/2024	
	139	Marketing research organization	27/3/2024	27/3/2024	
	140	Marketing research organization	28/3/2024	28/3/2024	
	141	The Legal Aspects of Advertising	29/3/2024	29/3/2024	
	142	Status of advertising agent	30/3/2024	30/3/2024	
	143	**Revision/Problem Solving /Test**	1/4/2024	1/4/2024	
	144	**Assignment**	2/4/2024	2/4/2024	

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Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
VI Unit (26)	145	Outdoor Advertising	3/4/2024	3/4/2024	
	146	Advertising in newspaper	4/4/2024	4/4/2024	
	147	Advertising in magazines	5/4/2024	5/4/2024	
	148	Advertising in radio and television	6/4/2024	6/4/2024	
	149	Advertising contracts	8/4/2024	8/4/2024	
	150	Consequences of advertisement defamantion	9/4/2024	9/4/2024	
	151	Consequences of advertisement defamantion	13/4/2024	13/4/2024	
	152	Slender of goods massing off copy right trade mark	15/4/2024	15/4/2024	
	153	Slender of goods massing off copy right trade mark	16/4/2024	16/4/2024	
	154	Miscellaneous other laws affecting advertising puffery and guranted advertisings	18/4/2024	18/4/2024	
	155	Miscellaneous other laws affecting advertising puffery and guranted advertisings	19/4/2024	19/4/2024	
	156	Competitions and cross words indecent advertising	20/4/2024	20/4/2024	
	157	Competitions and cross words indecent advertising	22/4/2024	22/4/2024	
	158	Competitions and cross words indecent advertising	23/4/2024	23/4/2024	
	159	Competitions and cross words indecent advertising	24/4/2024	24/4/2024	
	160	**Revision/Problem Solving /Test**	27/4/2024	27/4/2024	
	161	**Assignment**	29/4/2024	29/4/2024	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:-Sachin Kumar Institute:- SRC Department:-Bioscience
Subject & Code :- Tool & Techniques in Biotechnology/MBT104 Year & Semester :-Ist Yr ,Ist Sem Total Lecture:-73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (9)	1	**Introduction about Subject**	02/Oct/2023	03/Oct/23	
	2	Principles ,Resolving power and applications of Light Microscopy	04/Oct/2023	04/Oct/23	
	3	Principles ,Resolving power and applications of Light Microscopy	05/10/2023	05/10/2023	
	4	Electron Microscopy (SEM & TEM)	06/10/2023	06/10/2023	
	5	Electron Microscopy (SEM & TEM)	07/10/2023	07/10/2023	
	6	Confocal Microscopy	09/10/23	09/10/2023	
	7	Confocal Microscopy	10/10/2023	11/10/2023	CL
	8	**Revision/Problem Solving/Test of Unit 1**	11/10/2023	12/10/2023	
	9	**Assignment**	12/10/2023	14/10/2023	
Signed by →		(After Complete the Unit) **Faculty:** SP **HOD :** **Dean/Director :**			
II Unit (10)	10	Centrifugation history, Type of Centrifugation	13/10/2023	16/10/23	LWP
	11	Centrifugation history, Type of Centrifugation	14/10/2023	17/10/23	
	12	Principle & theory of Centrifugation	16/10/23	18/10/23	
	13	Principle & theory of Centrifugation	17/10/2023	19/10/2023	
	14	Types of Centrifuges & Centrifugation Techniques	18/10/2023	20/10/2023	
	15	Types of Centrifuges & Centrifugation Techniques	19/10/2023	21/10/2023	
	16	Types of Rotor	20/10/2023	25/10/2023	
	17	Types of Rotor	24/10/2023	26/10/2023	
	18	**Revision/Problem Solving /Test of Unit 2**	25/10/2023	27/10/2023	
	19	**Assignment**	26/10/2023	30/10/2023	
Signed by →		(After Complete the Unit) **Faculty:** SP **HOD :** **Dean/Director :**			
	20	Electrophoresis History, Principles, Application	27/10/2023	31/10/2023	

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III Unit (18)	21	Electrophoresis History, Principles, Application	28/10/2023	1 Nov 2023	CL
	22	factor affecating of Electrophoresis in detail reference to Agarose	30/10/2023	2 Nov 2023	
	23	factor affecating of Electrophoresis in detail reference to Agarose	31/10/2023	3 Nov 2023	
	24	PAGE	1 Nov 2023	4 Nov 2023	
	25	PAGE	2 Nov 2023	6 Nov 2023	
	26	Pulsed Field Gel- Electrophoresis	3 Nov 2023	7 Nov 2023	
	27	Pulsed Field Gel- Electrophoresis	4 Nov 2023	8 Nov 2023	
	28	Capillary Electrophoresis	6 Nov 2023	9 Nov 2023	
	29	Capillary Electrophoresis	7 Nov 2023	16 Nov 2023	
	30	Continuous Electrophoresis	8 Nov 2023	17/11/2023	
	31	Continuous Electrophoresis	9 Nov 2023	18/11/2023	
	32	2-D PAGE	16 Nov 2023	20/11/2023	
	33	2-D PAGE	17 Nov 2023	21/11/2023	
	34	Iso-electric focusing	18 Nov 2023	22/11/2023	
	35	Iso-electric focusing	20 Nov 2023	28/11/2023	
	36	**Revision/Problem Solving /Test of Unit -3**	21 Nov 2023	25/11/2023	
	37	**Assignment**	22 Nov 2023	30/11/2023	
Signed by →		(After Complete the Unit) **Faculty:** SP **HOD :** Vj **Dean/Director :**			
IV Unit (08)	38	History of NMR,theory and Principles of NMR,	23 Nov 2023	2/12/2023	CL
	39	History of NMR,theory and Principles of NMR,	28 Nov 2023	04/12/2023	CL
	40	NMR Spectrometer,	29 Nov 2023	05/12/2023	
	41	NMR Spectrometer,	30 Nov 2023	06/12/2023	
	42	Detection of frequencies and Measurement by NMR	1 Dec 2023	07/12/2023	AIDS DAY celebration
	43	Detection of frequencies and Measurement by NMR	2 Dec 2023	08/12/2023	
	44	**Revision/Problem Solving of Unit -4**	4 Dec 2023	09/12/2023	
	45	**Assignment**	5 Dec 2023	11/12/2023	
Signed by →		(After Complete the Unit) **Faculty:** SP **HOD :** Vj **Dean/Director :**			
	46	Nature of Radioactivity,characterstics of different radiolabels	6 Dec 2023	12/12/2023	
	47	Nature of Radioactivity,characterstics of different radiolabels	7 Dec 2023	13/12/2023	
	48	detection and mesurement in Radioactivity,	8 Dec 2023	14/12/2023	

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V Unit (08)	49	detection and mesurement in Radioactivity,	9 Dec 2023	16/12/2023	
	50	Applications of of radioisotopes in biological sciencies	11 Dec 2023	18/12/2023	
	51	Applications of of radioisotopes in biological sciencies	12 Dec 2023	19/12/2023	
	52	**Revision/Problem Solving /Test of Unit -5**	13 Dec 2023	23/12/2023	
	53	**Assignment**	14 Dec 2023	25/12/2023	
		(After Complete the Unit) **Faculty:** S.P **HOD :** Vi **Dean/Director :**			
VIUnit (08)	54	Intoduction of spectroscopy	15 Dec 2023	26/12/2023	CL
	55	Intoduction of spectroscopy	16 Dec 2023	27/12/2023	
	56	Theory and principles of differents types of spectroscopy and	18 Dec 2023	28/12/2023	
	57	Theory and principles of differents types of spectroscopy and	19 Dec 2023	29/12/2023	
	58	Their application in biotechnology	20 Dec 2023	12 Jan 2024	h LWP
	59	Their application in biotechnology	21 Dec 2023	13 Jan 2024	LWP
	60	**Revision/Problem Solving /Test of Unit -6**	22 Dec 2023	15 Jan 2024	LWP
	61	**Assignment**	23 Dec 2023	16 Jan 2024	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** Vi **Dean/Director :**			
VII Unit (12)	62	Chromatography introduction & Paper chromatography	25 Dec 2023	17 Jan 2024	
	63	Chromatography introduction & Paper chromatography	26 Dec 2023	18 Jan 2024	
	64	Thin Layer Chromatography	27 Dec 2023	19 Jan 2024	
	65	Column Chromatography	28 Dec 2023	20 Jan 24	
	66	Gas Chromatography	29 Dec 2023	22 Jan 24	
	67	Gas Chromatography	12 Jan 2024	23 Jan 24	
	68	Affinity Chromatography	13 Jan 2024	24 Jan 24	
	69	Affinity Chromatography	15 Jan 2024	25 Jan 24	
	70	Ion Exchange Chromatography	16 Jan 24	27 Jan 24	
	71	Gel Filtration	17 Jan 24	29 Jan 24	
	72	**Revision/Problem Solving /Test of Unit -7**	18 Jan 24	30 Jan 24	
	73	**Assignment**	19 Jan 24	1 Feb 24	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** Vi **Dean/Director :**			

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:-Sachin Kumar Institute:- SRC Department:-BIOSCIENCE
Subject & Code :-Tool & Techniques in Biotechnology/MBT104 Year & Semester :- Ist Yr ,Ist Sem Total Lab:- 5 (0129004)

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No.	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
Lab-1	To perform the cleaning & sterilization of Glassware	12 Oct 2023	12 Oct 2023	
Lab-2	To Perform the paper chromatography for the separation of plant pigments.	19 Oct 2023	26 Oct 2023	Due to College Auditorium Programme
Lab-3	To prepare the TAE buffer for the Agarose Gel Electrophoresis	26 Oct 2023	2 Nov 2023	
Lab-4	To perform the Agarose Gel electrophoresis for the Detection of DNA	2 Nov 2023	9 Nov 2023	
Lab-5	To perform the TLC for separation of amino acids	9 Nov 2023	16 Nov 2023	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Sachin Kumar
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

ASSIGNMENT-PLAN

Course/Paper: M.Sc Biotechnology Ist yr-Ist sem / Tool & Techniques in Biotechnology

Faculty Name: Sachin Kumar

Session/Semester: 2023-24 / Ist sem

Department: BIOSCIENCE

S.N	NAME OF STUDENT	ASSIGNMENT TOPIC	DATE	GRADE
1	Aakansha	Confocal Microscopy	2-Feb-24	A+
2	Kirti	NMR spectrometry	3-Feb-24	B
3	Nishu	Gas Chromatography	5-Feb-24	C
4	Murtaza	Electrophoresis	7-Feb-24	B+
5	Gautam	Radioactivity & Role in Autor	8-Feb-24	ABSENT
6	Danish	Centrifugation	9-Feb-24	B
7	Zainab	Electron Microscopy	12-Feb 24	B+
8	Alka	Ion-exchange chromatu	15-Feb 24	B
9	Uzma	Introduction of spectroscopy	16-Feb 24	B++
10	Mahi	Affinity chromatography	20-Feb24	A
11	Vishakha	2D-PAGE	21-Feb 24	A+
12	Sahib	Capillary Electrophoresis	22-Feb 24	A
13	Tanu	Introduction of Microscopy	23-Feb24	B
14	Afroj	Principle of Different spectra	26-Feb24	C
15	Isha	Agarose Gel electrophoresis	27-Feb24	A++
16	Aman	Application of spectroscopy	29-Feb24	B
17	Toura Parveen	Pulsed Field Gel electroph	1-March24	B
18	Neha Sharma	Iso-electric focusing.	2-March24	B+
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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty :- Saba Rana **Institute :- Shri Ram College** **Department :- Bioscience**

Subject & Code: Analytical Techniques (128808) **Year: 1st Year** **Total Lecture :- (87)**

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (40)	1	Introduction about Subject	13|10|23	13|10|23	
	2	CHROMATOGRAPHY	13|10|23	14|10|23	Extra class
	3	HISTORY AND PRINCIPLE OF CHROMATOGRAPHY	14|10|23	14|10|23	
	4	DIFFERENT TYPES OF CHROMATOGRAPHY	14|10|23	15|10|23	Extra class
	5	PROCEDURE OF CHROMATOGRAPHY	19|10|23	19|10|23	
	6	APPLICATIONS	20|10|23	20|10|23	
	7	PAPER CHROMATOGRAPHY	20|10|23	20|10|23	
	8	PRINCIPLE	21|10|23	21|10|23	
	9	PROCEDURE OF PAPER CHROMATOGRAPHY	26|10|23	26|10|23	
	10	APPLICATIONS	27|10|23	27|10|23	
	11	THIN LAYER CHROMATOGRAPHY	28|10|23	28|10|23	
	12	PRINCIPLE	28|10|23	28|10|23	
	13	PROCEDURE OF THIN LAYER CHROMATOGRAPHY	2|11|23	2|11|23	
	14	APPLICATIONS	2|11|23	2|11|23	
	15	COLUMN CHROMATOGRAPHY	3|11|23	3|11|23	
	16	PRINCIPLE	3|11|23	7|11|23	Extra class
	17	PROCEDURE OF COLUMN CHROMATOGRAPHY	9|11|23	9|11|23	
	18	APPLICATIONS	17|11|23	17|11|23	
	19	GAS CHROMATOGRAPHY	17|11|23	18|11|23	
	20	PRINCIPLE	18|11|23	23|11|23	
	21	PROCEDURE OF GAS CHROMATOGRAPHY	23|11|23	28|11|23	Extra class
	22	APPLICATIONS	23|11|23	29|11|23	Extra class
	23	GAS LIQUID	24|11|23	30|11|23	
	24	PRINCIPLE	25|11|23	30|11|23	
	25	PROCEDURE OF GAS LIQUID CHROMATOGRAPHY	25|11|23	1|12|23	
	26	APPLICATIONS	1|12|23	2|12|23	
	27	AFFINITY CHROMATOGRAPHY	1|12|23	2|12|23	Extra class
	28	PRINCIPLE	2|12|23	2|12|23	
	29	PROCEDURE OF AFFINITY CHROMATOGRAPHY	2|12|23	3|12|23	
	30	APPLICATIONS	7|12|23	7|12|23	

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	31	GEL FILTRATION	8|12|23	8|12|23	
	32	PRINCIPLE	8|12|23	8|12|23	
	33	PROCEDURE OF GEL FILTRATION	9|12|23	9|12|23	
	34	APPLICATIONS	14|12|23	14|12|23	
	35	ION EXCHANGE	14|12|23	14|12|23	Extra class
	36	PRINCIPLE	15|12|23	15|12|23	
	37	PROCEDURE OF ION EXCHANGE	16|12|23	16|12|23	
	38	APPLICATIONS	16|12|23	16|12|23	Extra class
	39	**Revision/Problem Solving /Test**	21|12|23	23|12|23	
	40	**Assignment**	23|12|23	23|12|23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
II Unit (11)	41	ELECTROPHORESIS	11|1|24	24|12|23	
	42	SDS	12|1|24	11|1|24	
	43	POLYACRYLAMIDE	13|1|24	12|1|24	
	44	PROCEDURE	13|1|24	13|1|24	
	45	TOPIC 30 CONTINUE Applications	10|1|24	10|1|24	
	46	IMMUNOELECTROPHORESIS	19|1|24	19|1|24	
	47	TOPIC 32 CONTINUE Applications	20|1|24	19|1|24	Extra class
	48	ISOELECTRIC FOCUSSING	25|1|24	20|1|24	Extra class
	49	TOPIC 34 CONTINUE Procedure	27|1|24	20|1|24	
	50	**Revision/Problem Solving /Test**	1|2|24	25|1|24	
	51	**Assignment**	1|2|24	25|1|24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
III Unit (14)	52	FERMENTATION	2|2|24	27|1|24	
	53	PRINCIPLE	3|2|24	1|2|24	
	54	DIFFERENT TYPES OF FERMENTERS	8|2|24	2|2|24	
	55	BATCH FERMENTER	9|2|24	3|2|24	
	56	PROCEDURE	10|2|24	8|2|24	
	57	APPLICATIONS	16|2|24	9|2|24	
	58	CONTINUOUS AND FED BATCH	17|2|24	10|2|24	
	59	PRINCIPLES	22|2|24	16|2|24	
	60	OPERATION	23|2|24	17|2|24	
	61	PROCEDURE	24|2|24	22|2|24	
	62	CONSTRUCTION OF FERMENTERS	1|3|24	23|2|24	
	63	APPLICATIONS	2|3|24	24|2|24	
	64	**Revision/Problem Solving /Test**	7|3|24	1|3|24	
	65	**Assignment**	8|3|24	1|3|24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
IV Unit (11)	66	RADIOISOTOPE	9|3|24	2|3|24	
	67	RADIOISOTOPE TRACER TECHNIQUE	15|3|24	7|3|24	
	68	PRINCIPLE	16|3|24	8|3|24	
	69	PROCEDURE	21|3|24	9|3|24	
	70	APPLICATIONS	22|3|24	15|3|24	
	71	AUTORADIOGRAPHY	23|3|24	16|3|24	

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	72	PRINCIPLE	20/3/24	21/3/24	
	73	PROCEDURE	29/3/24	22/3/24	
	74	APPLICATIONS	30/3/24	20/3/24	
	75	**Revision/Problem Solving /Test**	4/4/24	29/3/24	
	76	**Assignment**	4/4/24	30/3/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
V Unit (11)	77	CHROMOSOMAL TECHNIQUES	5/4/24	4/4/24	
	78	TYPES OF CHROMOSOMAL	6/4/24	5/4/24	
	79	STAINS OF NUCLEIC ACIDS	11/4/24	6/4/24	
	80	PROCEDURE	12/4/24	11/4/24	
	81	BAND PATTERNS	13/4/24	12/4/24	
	82	KARYOTYPING	18/4/24	13/4/24	
	83	CELL SORTING	19/4/24	18/4/24	
	84	FRACTINATION	19/4/24	19/4/24	
	85	CELL GROWTH DETERMINATION	20/4/24	20/4/24	
	86	**Revision/Problem Solving /Test**	20/4/24	21/4/24	
	87	**Assignment**	20/4/24	21/4/24	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Approved By :			**Checked By:**		**Prepared By:**
Signature of Dean/Director :			Signature of HOD :		Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Saba Rani Institute:- Shri Ram College Department:- Bioscience
Subject & Code :- 120808 Year:- 2023-24 Total Lab:- 12
Analytical Technique.

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
01	To perform the separation of plant pigments using PC	24/04/2024	24/04/2024	
02	To perform the separation technique using TLC	29/04/2024	29/04/2024	
03	To perform agarose gel electrophoresis	1/05/2024	1/05/2024	
04.	To prepare stomata slide & observation under microscope	02/05/24	02/05/2024	
05	To perform the microorganism dimension using micrometer	03/05/2024	03/05/2024	
06	Protein isolation (egg albumin) from egg	04/05/2024	04/05/2024	
07	To study the different types of microscope	04/05/2024	04/05/2024	
08	To prepare the different types of buffers	06/05/2024	06/05/2024	
09	The effect of temperature on enzyme activity	07/05/2024	07/05/2024	
10	To study the principle of centrifuge	08/05/2024	08/05/24	
11.	To study the compound Microscope	09/05/2024	09/05/2024	
12.	To sterilize the glasswares	10/05/2024	10/05/2024	

Approved By : Signature of Director :
Checked By: Signature of HOD :
Prepared By: Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

ASSIGNMENT-PLAN

Course/Paper: Analytical Techniques
Faculty Name: Ms. Saba Rana
Session/Semester: 2023-2024 | 1st Department: BIOSCIENCE

S.N	NAME OF STUDENT	ASSIGNMENT TOPIC	DATE	GRADE
1	Aanzoo	Radioisotope	16/10/23	A+
2	Aastaa	Thin layer chromato.	25/10/23	B+
3	Aaysha	Thin layer chromato.	26/10/23	B+
4	Abhinav	Paper chromatography	30/10/23	B
5	Adiba	Paper chromatography	31/10/23	A
6	Aliza	Agarose gel Electrophoresis	6/11/23	A
7	Ameer Faiz	column chromatography	7/11/23	B+
8	Anas	column chromatography	8/11/23	B+
9	Anshul	Radioisotope	20/11/23	A
10	Aradhna ch.	Gas chromatography	21/11/23	A
11	Aransha	Gas chromatography	22/11/23	A
12	Areeba	Gas liquid	22/11/23	A
13	Arya Sharma	Gas liquid	4/12/23	B
14	Aryan	Affinity chromatography	4/12/23	B
15	Atul	Affinity chromatography	4/12/23	A
16	Ayushi	Ion Exchange	11/12/23	A+
17	Bhoomi	Ion Exchange	11/12/23	B
18	Chirag	Gel filtration	18/12/23	B
19	Dheeraj	Isoelectric focussing	18/12/23	B+
20	Intazar	SDS- PAGE	8/1/24	B
21	Kanak	Agarose gel Electrophoresis	8/1/24	A+
22	Karan	Chromosome banding	16/1/24	B+
23	Khusi	Karyotyping	22/1/24	A
24	Lekha	cell growth	5/2/24	B
25	Md. Anas	cell differentiation	26/2/24	B
26	Basharat	Fermenters	26/2/24	B
27	Kadir	Types of fermenters	4/3/24	A
28	Sarik	Tracer techniques	4/3/24	A
29	Priyanka	Autoradiography	4/3/24	A+
30	Riya	Stains of Nucleic Acid	18/3/24	A+
31	Rohit Km.	cell sorting	18/3/24	A+
32	Sajal	cell fractional	18/3/24	A
33	Shalu	cell growth determination	19/3/24	B+
34	Shamsheer	Chromosomal Techniques	19/3/24	A+
35	Soni ch.	Karyotyping	19/3/24	A+
36	Subail	Fermentors	19/3/24	B+
37	Suhani	SDS- PAGE	20/3/24	A+
38	Tanu	Affinity chromatography	20/3/24	A+
39	Vanshika	Banding patterns	20/3/24	A+
40	Vishakaa	Autoradiography	20/3/24	A
42	Vishu	Chromatography	20/3/24	B+
43	Aman	Tracer techniques	2/4/24	B+
44.	Rishabh Singh	Gel filtration	2/4/24	B

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- SACHIN KUMAR Institute:-SRC Department:-BIOSCIENCE

Subject & Code :-I&BT/0128706 , Year & Semester :- First year (BT) Total Lecture:-79

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (15)	1	**Introduction about Subject**	13 sept 2023	13 sept 2023	
	2	Simple Microscopy	14 sept 2023	14 sept 2023	
	3	Simple Microscopy	16 sept 2023	16 sept 2023	
	4	Phase contrast Microscopy	20 sept 2023	20 sept 2023	
	5	Phase contrast Microscopy	21sept-23sept	21sept23-23sept23	
	6	Dark field Microscopy	27sept 2023	27sept 2023	
	7	Dark field Microscopy	28 sept 2023	28 sept 2023	
	8	Fluorescence Microscopy	30 sept 2023	30 sept 2023	
	9	Fluorescence Microscopy	4 Oct 2023	4 Oct 2023	
	10	Fluorescence Microscopy	5 Oct 2023	5 Oct 2023	
	11	Electron microscopy (TEM &SEM)	7 Oct 2023	7 Oct 2023	
	12	Electron microscopy (TEM &SEM)	11 Oct 2023	11 Oct 2023	
	13	Electron microscopy (TEM &SEM)	12 Oct 2023	12 Oct 2023	
	14	**Revision/Problem Solving /Test**	14 Oct 2023 18 Oct 2023	14 Oct 2023 18 Oct 2023	
	15	**Assignment**	19 Oct 2023	19 Oct 2023	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
	16	Instruments, Principle of pH Meter	21 Oct 2023	21 Oct 2023	
	17	Absorption spectroscopy	25 Oct 2023	25 Oct 2023	
	18	Absorption spectroscopy	26 Oct 2023	26 Oct 2023	
	19	Absorption spectroscopy	28 Oct 2023	1 Nov 2023	LWP
	20	Emission Spectroscopy	1 Nov 2023	2 Nov 2023	
	21	Emission Spectroscopy	2 Nov 2023	4 Nov 2023	
	22	Emission Spectroscopy	4 Nov 2023	8 Nov 2023	
	23	Principle & law of Radiation spectroscopy	8 Nov 2023	9 Nov 2023	
	24	Principle & law of Radiation spectroscopy	9 Nov 2023	16 Nov 2023	

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II Unit (19)	25	Principle & law of Radiation spectroscopy	16 NOV 2023	18 NOV 2023	
	26	Use of Densitometry, Fluorimetery,Colorimetry	18 NOV 2023	22 -NOV 2023	
	27	Use of Densitometry, Fluorimetery,Colorimetry	22-23 NOV 2023	29 NOV 2023 -30 NOV 2023	23-NOV 2023 CL
	28	Use of Spectrophotometry (UV, Visible , and IR), Manometry,Polarography	29-30 NOV 2023	2 DEC 2023 -6 DEC 2023	
	29	Use of Spectrophotometry (UV, Visible , and IR), Manometry,Polarography	2 DEC 2023	7 DEC 2023	
	30	centrifugation	6 DEC 2023	9 DEC 2023	
	31	centrifugation	7 DEC 2023	13 DEC 2023	
	32	centrifugation	9 DEC 2023	14 DEC 2023	
	33	**Revision/Problem Solving /Test**	13 DEC 2023	16 DEC 2023	
	34	**Assignment**	14 DEC 2023	20 DEC 2023	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** Uj **Dean/Director :**			
III Unit (17)	35	Atomic Absorption spectroscopy	16 DEC 2023	23 DEC 2023	
	36	Atomic Absorption spectroscopy	20 DEC 2023	27 DEC 2023	
	37	Atomic Absorption spectroscopy	21 DEC 2023	28 DEC 2023	due LWP 21 DEC 2023
	38	Fluorescence Spectroscopy	23 DEC 2023	10 Jan 2024	
	39	Fluorescence Spectroscopy	27 DEC 2023	11 Jan 2024	
	40	Fluorescence Spectroscopy	28 DEC 2023	17 Jan 2024	
	41	IR Spectroscopy	10 Jan 2024	18 Jan 24	
	42	IR Spectroscopy	11 Jan 2024	27 Jan 24	
	43	NMR Spectroscopy	17 Jan 2024	31 Jan 24	
	44	NMR Spectroscopy	18 Jan 2024	1 Feb 24	
	45	NMR Spectroscopy	20 Jan 2024	4 Feb 24	Due to CL 20 Jan 24
	46	Mass Spectrometery-MALDITOF	24 Jan 2024	7 Feb 24	LWP on 24 Jan
	47	Mass Spectrometery-MALDITOF	25 Jan 24	8 Feb 24	LWP on 25 Jan
	48	X-Ray Crystallography	27 Jan 24	10 Feb 24	
	49	X-Ray Crystallography	31 Jan 24	14 Feb 24	
	50	**Revision/Problem Solving /Test**	1 Feb 24	15 Feb 24	
	51	**Assignment**	4 Feb 24	17 Feb 24	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** Uj **Dean/Director :**			

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IV Unit (17)	52	Chromatography introduction & Paper chromatography	7 Feb 24	21 Feb 24	
	53	Chromatography introduction & Paper chromatography	8 Feb 2024	22 Feb 24	
	54	Chromatography introduction & Paper chromatography	10 Feb 2024 13 Feb 2024	24 Feb 24 27 Feb 24	13 Feb 24 CL
	55	Thin Layer Chromatography	14 Feb 2024	29 Feb 24	
	56	Thin Layer Chromatography	15 Feb 2024	1 March 24	
	57	Column Chromatography	17 Feb 2024	7 March 24	
	58	Column Chromatography	21 Feb 2024	9 March 24	
	59	Gas Chromatography	22 Feb 2024	12 March 24	
	60	Gas Chromatography	24 Feb 2024	13 March 24	
	61	Affinity Chromatography	27 Feb 2024	14 March 24	
	62	Affinity Chromatography	29 Feb 2024	20 March 24	
	63	Ion Exchange Chromatography	2 March 2024	21 March 24	CL on 2 March 2024
	64	Ion Exchange Chromatography	6 March 24	27 March 24	
	65	Gel Filtration	7 March 24	28 March 24	
	66	Gel Filtration	9 March 24	30 March 24	
	67	**Revision/Problem Solving /Test**	12-13 March 24	3 APR 2024	
	68	**Assignment**	14 March 2024	4 APR 2024	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** **Dean/Director :**			
V Unit (11)	69	Introduction about the Electrophoresis	16 March 24	6 APR 2024	LWP
	70	SDS -Polyacrylamide Gel Electrophoresis	20 March 2024	10 APR 2024	
	71	SDS -Polyacrylamide Gel Electrophoresis	21 March 2024	13 APR 2024	
	72	Agarose Gel Electrophoresis	27 March 24	2 May 2024	
	73	Agarose Gel Electrophoresis	28 March 24	4 May 2024	
	74	Immunoelectrophoresis	30 March 24	8 May 2024	
	75	Immunoelectrophoresis	3 APR 2024	9 May 2024	
	76	Isoelectric Focusing	4 APR 2024	11 May 2024	
	77	Isoelectric Focusing	6 APR 2024	15 May 2024	
	78	**Revision/Problem Solving /Test**	10 APR 2024	16 May 2024	
	79	**Assignment**	13 APR 2024	18 May 2024	

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Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD :** Uj **Dean/Director :**			
VI Unit (07)	80	Radioactive material &Introduction of radioactivity	2 May 2024	20 May 2024	15-30 APR 2024 Internal Exam
	81	Radioactive material &Introduction of radioactivity	4 May 2024	21 May 2024	
	82	Radioisotope tracer technique, importance in biological studies,	8 May 2024	22 May 2024	
	83	Radioisotope tracer technique, importance in biological studies, Measures of Radioactivity	9 May 2024	23 May 2024	
	84	Autoradiography	11 May-2024 15 May 2024	24 May 2024	
	85	**Revision/Problem Solving /Test**	16 May 2024	25 May 2024	
	86	**Assignment**	18 May 2024	25 May 2024	
Signed by →		(After Complete the Unit) **Faculty:** S.P **HOD:** Uj **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

ASSIGNMENT-PLAN

Course/Paper: BSc Biotech IIIrd Yr/Instrumentation & Bioanalytical techniques.

Faculty Name: SACHIN KUMAR

Session/Semester: 2023-24 Department: BIOSCIENCE

S.N	NAME OF STUDENT	ASSIGNMENT TOPIC	DATE	GRADE
1	Aarti	Emission spectroscopy	3-Oct 2023	A+
2	Aashish Kumar Gautam	Polarography	3-Oct 2023	B
3	Aayushi	Manometry	3-Oct-2023	C
4	Aditya	Atomic Absorption spect	4-oct-2023	A
5	Aditya Kumar	IR spectroscopy	4-Oct-2023	B
6	Aditya tyagi	Mass spectroscopy	5-Oct 2023	A
7	Ameer Uzaif	X-ray crystallography	5-oct 2023	ABSENT
8	Anjali Tudu	Electron Microscopy	5-Oct 2023	B
9	Anchal	Affinity chromatography	6-Oct 2023	C
10	Ankush Kumar	Immunoelectrophoresis	6-oct 2023	A
11	Anneupal	SDS-PAGE	6-oct 2023	A+
12	Anushka	NMR spectrometry	7-Oct 2023	A++
13	Anvesha	Absorption spectroscopy	9-Oct-2023	B
14	Areeba Siddiqui	Radioisotope tracer tech.	10-oct 2023	C
15	Arshiya Naaz	Agarose Gel electrophor	11-Oct-2023	B
16	Ashu Gautam	Colorimetry	12-oct 2023	B+
17	Avisha choudhary	Isoelectric focusing	13-Oct 2023	ABSENT
18	Babita	Ion-exchange chrom	14-Oct 2023	B
19	Daksh om	Gas chromatography	16-Oct 2023	B
20	Drishti Malik	Phase contrast micro.	17-Oct 2023	C
21	Fiza	Affinity chromatography	17-Oct 2023	C
22	Garima	Column chromatography	17-oct 2023	B
23	Hayat Ali	X-ray crystallography	18-Oct 2023	B
24	Iram	Fluorescence Microscopy	18-Oct 2023	ABSENT
25	Jogendra Pundir	Colorimetry	18-Oct 2023	C
26	Kumari Kajal	Radioisotopes tracer tech.	19-oct 2023	B
27	Kapil Kumar	U.V spectrometry.	25-Oct 2023	B+
28	Lalit	Thin layer chromatog.	25-Oct 2023	C
29	Mahak Pundir	Gel filtration chrom.	25-oct 2023	C
30	Mansi Rani	mass spectrometry	25-Oct 2023	B
31	Moh. Anas	Measure of Radioactivity	26-Oct 2023	B
32	Moh. Habibullah	Ion-Exchange chromat.	27-Oct 2023	B+
33	Moh. Faisal	Paper chromatography	30-Oct 2023	C
34	Moh. Salman	Phase constrast microsc.	30-Oct 2023	B
35	Namra Parveen	Agarose Gel electrophor	30-oct 2023	B
36	Nikit	Autoradiography	30-oct 2023	C
37	Nisha Irfan	Affinity chromatography	31-Oct 2023	C+
38	Payal Rajput	NMR spectrometry	31-Oct 2023	B
39	Priti Kumari	Gel filtration chro.	31-Oct 2023	C
40	Puja Kumari	Detail explaination of simple	1-Nov 2023	C
42	Puja Kumari tudu	centrifugation Micro.	1-Nov 2023	B+
43	Prince	Column Chromatography	1 Nov 2023	B+

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	Rajnish Kumar	pH-meter	2 Nov 2023	C
	Rajan Kumar	IR spectrometry	2 Nov 2023	C
46	Sapshi Singh	Emission spectrometry	3 Nov 2023	B
47	Saloni Kumari	Immunoelectrophoresis	3 Nov 2023	B+
48	Sameer Ahmad	Gas chromatography	3 Nov 2023	C
49	Samiya	Thin layer chromato.	4 Nov 2023	C
50	Sandhya	Phase constrast Microsc.	6 Nov 2023	B+
51	Shaili Pal	Fluorescence " "	6 Nov 2023	B++
52	Shivani Sharma	Affinity chromatography	6 Nov 2023	C
53	Shoryan	Radio Isotopes tracer tech.	7 Nov 2023	B+
54	STUTI Kumari	Polarography	7 Nov 2023	B
55	Sujal Sangam	Manometer	7 Nov 2023	C
56	Tasneem Fatma	Centrifugation	8 Nov 2023	ABSENT
57	Vivek Kumar	Emission spectroscopy	8 Nov 2023	A
58	Zoriyat Zehra	Gas chromatography	8 Nov 2023	B+
59	Shreya Kumari	Dark field	9 Nov 2023	B
60	Pallavi Kumari	Fluorescence Microsc.	9 Nov 2023	ABSENT
61	Arvind Pal	Centrifugation	9 Nov 2023	C
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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:-Sachin Kumar Institute:- SRC Department:-BIOSCIENCE
Subject & Code :-Instrumentation & Bioanalytical Techniques/0128706 Year & Semester :- Ist Yr

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No.	Name of Experiment/Practic	Planned Date	Actual Date	Remarks
Lab-1	To Demonstrate the Common Lab Instruments	23 NoV 2023	30 NoV 2023	23 NoV 2023 CL
Lab-2	To prepare the slide and study the speciemen with the help of compound Microscopy	30 NoV 2023	7 DEC 2023	
Lab-3	To perform the paper chromatography for sepration of plant pigments	7 Dec 2023	14 Dec 2023	
Lab-4	To perform the TLC for separation of amino acids	14 Dec 2023	21 Dec 2023	
Lab-5	To perform the separation of components of given sample by centrifugation	21 Dec 2023	28 Dec 2023	
Lab-6	To perform the Agarose GEL Electrophoresis for the detection of DNA	28 Dec 2023	11 Jan 2024	
Lab7		11 Jan 2024	18 Jan 2024	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Sachin Kum
Signature of Faculty : SK

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- ASHU **Institute:-** Shri Ram College Muzaffarnagar **Department:-** Bioscience

Subject & Code :- Biophysics Year & Semester :- B.Sc. Biotech 1st year Total Lecture:- 85

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit	1	**Introduction about Subject**	18/09/2023	18/09/2023	
		Physics and Biology scope and Methods	21/09/2023	21/09/2023	
	2	Continue of Topic-1	22/09/2023	22/09/2023	
	3	Chirality of Biomolecules	23/09/2023	23/09/2023	
	4	Continue of Topic-2	28/09/2023	28/09/2023	
	5	General account of the chemical nature of living cells	29/09/2023	29/09/2023	
	6	Continue of Topic-3	30/09/2023	30/09/2023	
	7	Water, Structure and interaction	05/10/2023	05/10/2023	
	8	Continue of Topic-4	06/10/2023	06/10/2023	
	9	Water as solvent	07/10/2023	07/10/2023	
	10	Continue of Topic-5	11/10/2023	11/10/2023	
	11	Protone mobility	12/10/2023	12/10/2023	
	12	Acid-Base reaction	18/10/2023	18/10/2023	
	13	Continue of Topic -7	19/10/2023	19/10/2023	
	14	pH and Buffers	21/10/2023	21/10/2023	
	15	Isoelectric pH	25/10/2023	25/10/2023	
	16	**Revision/Problem Solving /Test**	26/10/2023	26/10/2023	
Signed by →		(After Complete the Unit) **Faculty:** Chaudhary **HOD :** **Dean/Director :**			
II Unit	17	Nature of Biological materials	27/10/2023	27/10/2023	
	18	Polymeric reaction	28/10/2023	28/10/2023	
	19	Continue of Topic-2	02/11/2023	02/11/2023	
	20	Oxidation properties	03/11/2024	03/11/2023	
	21	pH, pka and buffering,	04/11/2024	04/11/2023	

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	22	Continue of Topic-4	07/11/2023	07/11/2023	
	23	Isomerism	08/11/2023	08/11/2023	
	24	Types of chemical bonds	09/11/2023	09/11/2023	
	25	Hydrophilic and hydrophobic groups in Biomolecules	16/11/2023	16/11/2023	
	26	Neurotransmitters	17/11/2023	17/11/2023	
	27	Hormones and growth factors	18/11/2023	18/11/2023	
	28	Continue of Topic-9	22/11/2023	22/11/2023	
	29	High energy biomolecules	23/11/2023	23/11/2023	
	30	ATP,GTP and creatine phosphate	25/11/2023	25/11/2023	
	31	Continue of Topic-11	29/11/2023	29/11/2023	
	32	**Revision/Problem Solving /Test**	30/11/2023	30/11/2023	
Signed by →		(After Complete the Unit) **Faculty:** Chaudhary **HOD :** **Dean/Director :**			
III Unit	**33**	Bioenergetics	02/12/2023	02/12/2023	
	34	Law of thermodynamics	06/12/2023	06/12/2023	
	35	Continue of Topic-2	07/12/2023	07/12/2023	
	36	First Law of thermodynamics	09/12/2023	09/12/2023	
	37	Second law of thermodynamics	13/12/2023	13/12/2023	
	38	Electrical properties of biological compartments	14/12/2023	14/12/2023	
	39	Continue of Topic-5	16/12/2023	16/12/2023	
	40	Eletrochemical gradients	20/12/2023	20/12/2023	
	41	Membrane potential	21/12/2023	21/12/2023	
	42	Charismatic hypothesis	23/12/2023	23/12/2023	
	43	Continue of Topic- 8	27/12/2023	27/12/2023	
	44	Power point lecture	28/12/2023	28/12/2023	
	45	**Revision/Problem Solving /Test**	30/12/2023	30/12/2023	
Signed by →		(After Complete the Unit) **Faculty:** Chaudhary **HOD :** **Dean/Director :**			
IV Unit	**46**	Perspective of biological macro molecules	06/01/2024	06/01/2024	
	47	The repeating unit in nucleic acids and proteins.	10/01/2024	10/01/2024	
	48	Helicity	11/01/2024	11/01/2024	
	49	Bending	13/01/2024	13/01/2024	
	50	Looping	17/01/2024	17/01/2024	

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	51	Pleats	18/01/2024	18/01/2024	
	52	Salt Bridges	20/01/2024	20/01/2024	
	53	Basis of intermolecular interactions with examples	24/01/2024	24/01/2024	
	54	Enzyme substrate	25/01/2024	25/01/2024	
	55	Continue of Topic -9	27/01/2024	27/01/2024	
	56	Antigen Antibody reaction	31/01/2024	31/01/2024	
	57	**Revision/Problem Solving /Test**	01/02/2024	01/02/2024	
Signed by →		(After Complete the Unit) **Faculty:** Ahaudhary **HOD :** **Dean/Director :**			
V Unit	58	Energetic of living body	03/02/2024	03/02/2024	
	59	Sources of heat limits to temperature	07/02/2024	07/02/2024	
	60	Continue of Topic -2	08/02/2024	08/02/2024	
	61	Heat dissipation and conservation	10/02/2024	10/02/2024	
	62	Lambert-Beer Law	14/02/2024	14/02/2024	
	63	Continue of Topic -4	15/02/2024	15/02/2024	
	64	Spectrophotometry	17/02/2024	17/02/2024	
	65	Continue of Topic -5	21/02/2024	21/02/2024	
	66	Colorimetry	22/02/2024	22/02/2024	
	67	Continue of Topic -6	24/02/2024	24/02/2024	
	69	**Revision/Problem Solving /Test**	28/02/2024	28/02/2024	
Signed by →		(After Complete the Unit) **Faculty:** Ahaudhary **HOD :** **Dean/Director :**			
VI Unit	70	Primary events in photosynthesis	29/02/2024	29/02/2024	
	71	Stratgies of light reception in microbes	02/03/2024	02/03/2024	
	72	Continue of Topic -2	06/03/2024	06/03/2024	
	73	Plant and animals	07/03/2024	07/03/2024	
	74	Correction of vision faults	09/03/2024	09/03/2024	
	75	Generation and reception of sonic vibrations	13/03/2024	13/03/2024	
	76	Hearing as electrical properties of biological compartments	14/03/2024	14/03/2024	
	77	Continue of Topic -5	16/03/2024	16/03/2024	
	78	Electricity as a potential signal	20/03/2024	20/03/2024	
	79	Continue of Topic -6	21/03/2024	21/03/2024	
	80	**Revision/Problem Solving /Test**	23/03/2024	23/03/2024	
Signed by →		(After Complete the Unit) **Faculty:** Ahaudhary **HOD :** **Dean/Director :**			

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VII Unit	81	Intra and inter nuclear interaction in biological system	27/03/2024	27/03/2024	
	82	Continue of Topic -1	28/03/2024	28/03/2024	
	83	Spatial and changes compatibility of such interaction	30/03/2024	30/03/2024	
	84	Continue of Topic -2	03/04/2024	03/04/2024	
	85	**Revision/Problem Solving /Test**	04/04/2024	04/04/2024	
Signed by →		(After Complete the Unit) **Faculty:** Choudhary **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Choudhary
Prepared By:
Signature of Faculty :

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Department of Bioscience
Assignment Plan

Course ..B.Sc. Biotech Ist Department ..Bioscience.....
Subject & Code ..Biophysics.....128702... Year /Sem 2023-24

S.NO	Date	Student Name	Assignment Topic	Grade
1.		Aarti	Second law of thermodynamics	A++
2.		Aashish	First Law of thermodynamics	B+
3.		Aayushi	cofactor	B+
4.		Aditya	Co-enzyme	B+
5.		Aditya Kumar	Prosthetic Group	B++
6.		Aditya Tyagi	Chirality of Biomolecules	A++
7.		Anas	Allosteric enzyme	B+
8.		Ankush Kumar	H-Bonding	B+
9.		Anuj Saini	PH	B++
10.		Anchal	Pka	C+
11.		Annupal	Buffer	B+
12		Anush Kg	Vander Waal Interaction	B++
13.		Anvesha	Acid-Base reactions	B+
14.		Ameen Ujaif	Water	B++
15.		Arshiya Naaz	Proton Mobility	A+
16.		Areeba Siddiqui	Hydrophobic and Hydrophilic group	A+
17.		Ashu Gautam	ATP	B+

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		Avisha Chaudhary	Strategies of light reception	B+
19.		Anjali Tudu	Light reception in plants	B++
20		Aayush	Light reception in Animal	B++
21		Babita	Correction of vision faults	B+
22		Bilal	Generation of reception of sonic vibration	A+
23		Dakshom	ETC	A++
24		Drishti Malik	Hearing as electrical properties of Biological	A++
25		Fiza	Electricity as potential signal	A+
26		Mohd. Faisal	Salt Bridge	A+
27		Habibullah	Non covalent Interaction.	A+
28		Harsh Kumar	Symmetry and Asymmetry	A+
29		Hayat Ali	Light and dark reaction	A+
30		Garima	GTP	A+
31		Iram Chaudhary	Acetyl-co-A	B+
32		Jagendra Pundir	Creatine Phosphate	B+
33		Kumari Kajal	oxidative Phosphorylation	B++
34		Kapil Kumar	Cytochrom 'b' and 'c'	A+
35		Lalita	chemiosmotic coupling	A+
36		Mehak Pundir	Photophosphorylation	B+
37		Mansi Rani	Essential Amino Acid	A+
38		Mohd. Salman	Water structure and interaction	B++
39		Namra Parveen	Growth factor	B+

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10		Nikit	Non-Essential Amino Acid	B+
41		Nisha Irfan	Membrane Potential	B+
42		Payal Rajput	Zwitterions	B+
43		Prince	Spectrophotometry	C
44		Ranjan Kumar	Properties of Enzymes	C
45		Sakshi singh	Lock and key theory	B+
46		Saloni Kumari	Induce fit theory	B+
47		Pallavi Kumari	Nature of Active site	B+
48		Priti Kumari	Isozymes	B+
49		Puja Kumari	Multi Enzyme complex	A+
50		Puja Kumari Tudu	Pyruvate dehydrogenase complex.	A+
51		Stuti Kumari	Enzyme Kinetics	A++
52		Shreya Kumari	Rate of Reaction	A+
53		Sameer Ahmad	Michaelis Menton Kinetics	B+
54		Samiya	Photosynthesis	A++
55		Sandya	Lineweaver Burk Plot	A++
56		Shaili Pal	Lambert Beer law	B+
57		Shivani Sharma	Enzyme Inhibition	B+
58		Sharyan	Competitive Inhibition	A+
59		Tanneem Fatma	Non Competitive inhibition	A+
60		Vivek Kumar	Lysozyme	A++
61		Zuriyat zehra	Ribozyme	B+

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- ASHU Institute:- SRC Department:- Bioscience
Subject & Code :- Biophysics 128702 Year:- 23-24 Total Lab:-

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
1.	Preparation of Nutrient agar Medium	23/09/2023	23/09/2023	
2.	Preparation of Potato Dextrose Agar Medium	30/09/2023	30/09/2023	
3.	Preparation of B&W	12/10/2023	12/10/2023	
4.	Preparation of McKonky Agar	26/10/2023	26/10/2023	
5.	Preparation of SDA medium	28/10/2023	28/10/2023	
6.	Preparation of Moist Chamber for fungus	02/11/2023	02/11/2023	
7.	Preparation of Permanent Slide by using Lactophenol	03/11/2023	03/11/2023	
8.	Isolation of Fungi from Soil	04/11/2023	04/11/2023	
9.	Isolation of fungi from Air	16/11/2023	16/11/2023	
10.	Isolation of Fungi From water	18/11/2023	18/11/2023	
11	Isolation of Bacteria from Soil	22/11/2023	22/11/2023	
12.	Isolation of Bacteria from Air	25/11/2023	25/11/2023	
13.	Isolation of Bacteria from water.	29/11/2023	29/11/2023	
14.	Serial dilution method	06/12/2023	06/12/2023	

Approved By :
Signature of Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty : A Chaudhary

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Er. Darshika Sharma Institute:- Shri Ram College Department:- Bioscience

Subject & Code :- Genomics & Proteomics (301) Year & Semester :- Bsc. Biotechnology III Year Total Lecture:- 70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (7)	1	Evolution of nuclear and cellular Genome	1Sep023	1Sep023	
	2	Introns Origin	2 Sep023	2 Sep023	
	3	Genomes & human Evolution	4 Sep023	4 Sep023	
	4	Phylogenetic Trees	7 Sep023	7 Sep023	
	5	Phylogenetic Trees	8 Sep023	8 Sep023	
	6	Acquisition of new genes	9 Sep023	9 Sep023	
	7	**Revision/Problem Solving /Test**	11 Sep023	11 Sep023	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
II Unit (17)	8	Genetic Map, Physical Map, Transcript, Functional Map	14 Sep023	14 Sep023	
	9	Genetic Map, Physical Map, Transcript, Functional Map	15 Sep023	15 Sep023	
	10	Genetic Map, Physical Map, Transcript, Functional Map	16 Sep023	16 Sep023	
	11	Comparative Genomics	18 Sep023	18 Sep023	
	12	Genome Sequencing	21 Sep 023	21 Sep023	
	13	Sanger Sequencing	22 Sep 023	22 Sep023	
	14	Shot Gun Sequencing	23 Sep023	23 Sep023	
	15	Maxam Gilbert Sequencing	25 Sep023	28 Sep023	(1 CL)
	16	Pyro Sequencing	28 Sep023	29 Sep023	
	17	Ion Torrent Sequencing	29 Sep023	30 Sep023	
	18	Illumina Sequencing	30 Sep023	5 Oct023	
	19	Microarray technology	5 Oct023	6 Oct	
	20	Dna Array	6 Oct023	12 Oct	(1 CL)
	21	Protein Array	7 Oct023	13 Oct	
	22	Genome Annotation- Insilico Methods	12 Oct023	14 Oct	
	23	Management of Data, Est contigs Unigene Datasets	13 Oct023	19 Oct	
	24	**Revision/Problem Solving /Test**	14 Oct023	20 Oct	

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Signed by →		(After Complete the Unit) **Faculty:** Daughika **HOD :** Uj **Dean/Director :**			
III Unit (10)	25	Pharmacogenomics- Diagnosis And Treatment of Diseases	19 Oct 023	21 Oct 023	
	26	Pharmacogenomics- Diagnosis And Treatment of Diseases	20 Oct 023	26 Oct	
	27	Pharmacogenomics- Diagnosis And Treatment of Diseases	21 Oct 023	27 Oct	
	28	DNA Polymorphism	26 Oct 023	28 Oct	
	29	DNA Polymorphism	27 Oct 023	30 Oct	
	30	Personalised Medicines	28 Oct 023	2 Nov	
	31	Personalised Medicines	30 Oct 023	3 Nov	
	32	Pharmacogenomics and Industry	2 Oct 023	4 Nov	
	33	Pharmacogenomics and Industry	3 Oct 023	9 Nov	
	34	**Revision/Problem Solving /Test**	4 Oct 023	17 Nov	
Signed by →		(After Complete the Unit) **Faculty:** Daughika **HOD :** Uj **Dean/Director :**			
IV Unit (24)	35	Concept and approaches of Proteomics studies and activities	9 Nov	18 Nov	
	36	Concept and approaches of Proteomics studies and activities	17 Nov	29 Nov.	
	37	Concept and approaches of Proteomics studies and activities	1 Dec	1 Dec.	
	38	Analysis of genomics data using web based tools	2 Dec	2 Dec	
	39	Analysis of Proteomics data using web based tools	7 Dec	7 Dec	
	40	Qualitative And Quantitative analysis techniques	8 Dec	8 Dec	
	41	techniques	9 Dec	9 Dec.	
	42	2D PAGE, @DE (BN PAGE),Mass Spectrometry,LC- MS	14 Dec	14 Dec ~~12 Dec~~	
	43	2D PAGE, @DE (BN PAGE),Mass Spectrometry,LC- MS	15 Dec	15 Dec	
	44	2D PAGE, @DE (BN PAGE),Mass Spectrometry,LC- MS	21 Dec	21 Dec	
	45	2D PAGE, @DE (BN PAGE),Mass Spectrometry,LC- MS	22 Dec	22 Dec	

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	46	2D PAGE, @DE (BN PAGE),Mass Spectrometry,LC- MS	23 Dec. ~~19 Oct~~	23 Dec.	
	47	MALDI, SALDI	28 Dec	28 Dec	
	48	Protein- Protein Interaction,	29 Dec	29 Dec	
	49	Protein- Protein Interaction,	9 Jan	9 Jan	
	50	DNA protein Interaction	10 Jan	12 Jan	
	51	DNA protein Interaction	12 Jan	13 Jan	
	52	Yeast Two Hybrid System And their Applications	13 Jan	18 Jan	
	53	Yeast Two Hybrid System And their Applications	18 Jan	19 Jan	
	54	Modelling Protein Mutants	19 Jan	20 Jan	
	55	Modelling Protein Mutants	20 Jan	27 Jan	
	56	Evaluation of protein structures	25 Jan	29 Jan	
	57	Evaluation of protein structures	27 Jan	30 Jan	
	58	**Revision/Problem Solving /Test**	30 Jan	2 feb.	
Signed by →		(After Complete the Unit) **Faculty**. HOD : Dean/Director :			
V Unit (12)	59	Drug discovery and development-	1 feb	3 feb	
	60	Drug discovery and development-	2 feb	13 feb	
	61	Computer aided drug designing,	3 feb	15 feb	
	62	Computer aided drug designing,	15 feb	24 feb	
	63	QSAR	16 feb	1 March	
	64	QSAR	17 feb	5 March	
	65	Cancer Proteomics- Overview and types of cancer	22 feb	6 March	
	66	Cancer Proteomics- Overview and types of cancer	23 feb	7 March	
	67	Techniques of proteomics in cancer research	24 feb	8 March	
	68	Techniques of proteomics in cancer research	29 feb	14 March	
	69	Approaches of Proteomics and cancer research	1 March	15 March	
	70	**Revision/Problem Solving /Test**	2 March	16 March	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			

Approved By :
Signature of Dean/Director :

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Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Dashika Institute:- SRL Department:- Bioscience,
Subject & Code :- Year:- 2023-24 Total Lab:- 8,

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
1-	To Determine the Sequence Alignment, by BLAST Tool	7 March 2024	7 March 2024	
2-	To do the Analysis of Sequence In FASTA format	9 March 2024	9 March	
3-	To estimate the Sequence Alignment using clustal	11/March/2024	11 March	
4-	The determination of the Sequence by Phylogenetic tree.	13/March/2024	14 March	
5-	To determine the Sequence In Pair Wise Alignment	14/March/2024	15 March.	
6-	MSA by doing the clustal Omega	15/March	18 March.	
7-	Determination of the gene Seq. & DNA Extraction	18 March	21 March.	
8-	The determination of the Data base by NCBI	21 March	22 March.	

Approved By : **Checked By:** **Prepared By:**
Signature of Director : Signature of HOD : Signature of Faculty :

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Department of Bioscience
Assignment Plan

Course ...GE P (BBT-III)... Department ...Bioscience...
Subject & Code ...GE P... Year /Sem 2023-2024

S.NO	Date	Student Name	Assignment Topic	Grade
1	30 Sep	Aatif.	Mass spectrometry.	B
2	30 Sep	Aditya	Sanger Sequencing	B
3	30 Sep	Govind.	web based Tools	B+
4	30 Sep.	Himanshu.	Phylogenetic tree	A
5	7 Oct	Hritika	MALDI SALDI	A+
6	7 Oct	Kanika	Evaluation of Protein Structure	A+
7	7 Oct	Tawheed	mapping.	A++
8	7 Oct	Navin.	Pharmacogenomics.	A++
9	12 Oct	Nikhil	Cancer, Drug, Designing.	A+
10	12 Oct	Ojasvi	DNA chips / microarray.	B+
11	12 Oct	Shriya	Qualitative & Quantitative	A++
12	12 Oct	Ritik Ranjan	DNA-Protein Interaction.	C
13	13 Oct	Suman Kumari	watson Crick.	B+
14	13 Oct	Sweta Kumari	Protein-Protein Interaction.	B
15	13 Oct	Babasaheb	EST	C
16	14 Oct	Aarti Kumari	Maxam Gilbert	C
17	14 Oct	Kisa	LCMS.	B
18.	14 Oct.	Samra.	Phylogenetic tree.	B

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Mohd Salman Institute:-Shri Ram College Muzaffarnagar Department:- Bioscience

Subject & Code :- Biochemistry (B-101) Year :- 1st Year Total Lecture:- 77

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit	01	**Introduction about Subject**	13/09/2023	13/9/2023	
	02	Topic 1. Classification and properties of carbohydrates	14/9/2023	14/9/23 16/9/23	
	03	Topic 1. Continue…	16/9/2023	18/9/23	
	04	Topic 1. Continue.	~~18~~/9/23	20/9/23	
	05	Topic 2. Chemical structure and properties of monosaccharides.	20/9/23	21/9/23 23/9/23	
	06	Topic 2. Continue	21/9/23	25/9/23	
	07	Topic 2. Continue.	23/9/23	27/9/23	
	08	Topic 3. Chemical structure and properties of disaccharides.	25/9/23	28/9/23 30/9/23	
	09	Topic 3. Chemical structure and properties of polysaccharides.	27/9/23	3/10/23 4/10/23	
	10	Topic 3.Continue.	28/9/23	5/10/23	
	11	**Revision/Problem Solving /Unit Test**	30/9/23	7/10/23	
	12	**Assignment** Test	3/10/23	9/10/23	
Signed by →		(~~After~~ Completion of the Unit) **Dean/Director :** Salman		**HOD :**	
II Unit	13	Topic 1. Classification of lipids	4/10/23	11/10/23	
	14	Topic 2. Chemical structure and properties of lipids.	5/10/23	12/10/23	
	15	Topic 2. Continue	7/10/23	14/10/23	
	16	Topic 2. Continue	9/10/23	16/10/23	
	17	Topic 3. Biological significance of lipid	11/10/23	18/10/23	
	18	**Revision/Problem Solving /Unit Test**	12/10/23	19/10/23	
	19	**Assignment** Test	14/10/23	21/10/23	
Signed by →		(~~After~~ Completion of the Unit) **Dean/Director :** Salman		**HOD :**	
III Unit	20	Topic 1. Amino acids: General properties.	16/10/23	23/10/23	
	21	Topic 2. Peptide bond.	18/10/23	25/10/23	
	22	Topic 3. Essential and non - essential amino	19/10/23	26/10/23	
	23	Topic 3.Continue	21/10/23	28/10/23	
	24	Topic 4. Protein structure and function: Primary.	23/10/23	30/10/23	
	25	Topic 5. Secondary protein	25/10/23	1/11/23	
	26	Topic 5.-Continue.	26/10/23	2/11/23	
	27	Topic 6. Tertiary protein.	28/10/23	4/11/23	

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	28	Topic 7. Quarternary protein.	30/10/23	6/11/23	
	29	**Revision/Problem Solving /Unit Test**	1/11/23	8/11/23	
	30	**Assignment**	2/11/23	9/11/23	
Signed by →		(After ~~Completion of the Unit~~ Selman) **Dean/Director :**		**HOD :**	
IV Unit	31	Topic 1. Nucleic acid: Chemical structure and base composition	4/11/23	11/11/23	
	32	Topic 1. Continue…	6/11/23	13/11/23	
	33	Topic 1. Continue.	8/11/23	13/11/23	Extra
	34	Topic 2. Double helical structures.	9/11/23	15/11/23	
	35	Topic 3. Tm	11/11/23	15/11/23	Proxylect
	36	Topic 4. Supercoiled DNA.	13/11/23	16/11/23	
	37	**Revision/Problem Solving /Unit Test**	15/11/23	16/11/23	Extra
	38	**Assignment**	16/11/23	18/11/23	
Signed by →		(After ~~Completion of the Unit~~ Selman) **Dean/Director :**		**HOD :**	
V Unit	39	Topic 1. Carbohydrates metabolism: Glycolysis.	18/11/23	18/11/23	Extra lect.
	40	Topic 1. Continue.	20/11/23	20/11/23	
	41	Topic 2. Gluconeogenesis.	22/11/23	22/11/23	
	42	Topic 3. Citric acid cycle.	23/11/23	23/11/23	
	43	Topic 4. Glycogen metabolism.	25/11/23	25/11/23	
	44	Topic 4. Continue.	27/11/23	27/11/23	
	45	Topic 5. Pentose phosphate pathway	29/11/23	29/11/23	
	46	Topic 5. Continue.	30/11/23	30/11/23	
	47	Topic 6. Glyoxalate pathway.	2/12/23	2/12/23	
	48	**Revision/Problem Solving /Unit Test**	4/12/23	4/12/23	
	49	**Assignment**	6,7/12/23	6,7/12/23	
Signed by →		(After ~~Completion of the Unit~~ Selman) **Dean/Director :**		**HOD :**	
VI Unit	50	Topic 1. Protein metabolism: Protein turnover.	9/12/23	9/12/23	
	51	Topic 2. Amino acid catabolism.	11/12/23	11/12/23	
	52	Topic 2. Continue.	13/12/23	13/12/23	
	53	Topic 3. Biosynthesis of amino acids.	14/12/23	14/12/23	
	54	Topic 4. Fatty acid metabolism and nucleic acid metabolism: Overview of Fatty Acid metabolism.	15/12/23	15/12/23	
	55	Topic 5. Synthesis and degradation of fatty acids	18/12/23	18/12/23	
	56	Topic 5. Continue.	20/12/23	20/12/23	
	57	Topic 6. De novo synthesis of nucleotides.	21/12/23	21/12/23	
	58	Topic 7. Fate of nucleotides.	23/12/23	23/12/23	
	59	**Revision/Problem Solving /Unit Test**	25/12/23	25/12/23	
	60	**Assignment**	27,28/12/23	27,28/12/23	
Signed by →		(After ~~Completion of the Unit~~ Selman) **Dean/Director :**		**HOD :**	
	61	Topic 1. Enzymes, protein and non-protein enzymes.	30/12/23	10/1/24	
	62	Topic 2. Classification and nomenclature of enzymes.	3,4/1/24	11/1/24	

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	63	Topic 2. Continue.	6,8/1/24	13/1/24	
	64	Topic 3. Regulation of enzymes activity.	10,11/1/24	15/1/24	Extra class (2)
	65	Topic 3. Continue.	13/1/24	15/1/24	
	66	Topic 4. Coenzymes- structure and function of coenzymes and coenzyme A.	15/1/24	17/1/24	+Extra class (2)
	67	Topic 4. Continue.	17,18/1/24	20/1/24	
	68	Topic 5. Ribozyme, Abzyme and Synzyme.	20/1/24	22/1/24	
VII Unit	69	Topic 6. Kinetics of enzyme catalyzed reactions	22/1/24	24/1/24	
	70	Topic 6. Continue.	24/1/24	25/1/24	
	71	Topic 7. Isolation and purification of enzymes in food processing.	25,27/1/24	27/1/24	
	72	Topic 7. Continue.	29,31/1/24	29/1/24	
	73	Topic 8. Medicine and production of chemical compounds	1,3/2/24	1/2/24	+Extra class
	74	Topic 9. Vitamins.	5,7/2/24	5/2/24	Proxy class.
	75	Topic 10. Water and fat soluble vitamins, deficiency and diseases.	8/2/24	6/2/24	
	76	**Revision/Problem Solving /Unit Test**	10,12/2/24	10/2/24	Extra class
	77	**Assignment**	14,15/2/24	14/2/24	Proxy class.

Signed by → (After ~~Completion~~ Salman of the Unit) **Dean/Director :** **HOD :** Vij

Approved By : **Checked By:** Vij **Prepared By:** MOHD SALMAN

Signature of Dean/Director : Signature of HOD : Signature of Faculty : Salmandhas

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Mohd. Salman Institute:- SRC Department:- Bioscience
Subject & Code :- Biochemistry (BT-01) Year:- 1st-year Total Lab:- 10

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
1	Preparation of Buffer	21/9/23	21/9/23	
2	Estimation of Protein by Lowry's method	3/10/23	3/10/23	
3	Estimation of Protein by Biuret method.	18/10/23	18/10/23	
4	Qualitative analysis of Sugars.	30/10/23	30/10/23	
5	Purification of ~~Phosphate~~ from Sprouted Moong.	4/11/23	4/11/23	
6	Paper Chromatography by ascending method.	13/11/23	13/11/23	
7	Evaluating Catalase activity of different Food Sources. Using Paper disc.	25/11/23	25/11/23	
8	Estimation of Sugars by Nelson-Somogy's method.	4/12/23	4/12/23	
9	Estimation of Glucose by GOD POD methods.	13/12/23	13/12/23	
10	DNA Isolation from Plant Source.	20/12/23	20/12/23	

Approved By : Signature of Director :

Checked By: Signature of HOD :

Prepared By: Signature of Faculty : Salman

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Shri Ram College Muzaffarnagar
Department of Bioscience
Assignment Plan

Course Biotechnology Department Bioscience
Subject & Code Biochemistry (B-101) Year /Sem 1st-year

S.NO	Date	Student Name	Assignment Topic	Grade
1	25/9/23	Aarti	Classification of Carbohydrates	A+
2	25/9/23	Aashish	Chemical Structure of Monosaccharides.	A+
3	25/9/23	Ayushi	Lipids	A+
4	25/9/23	Aditya	Classification Lipids	B+
5	25/9/23	Aditya Kr	Different types of fatty acids.	A+
6	25/9/23	Aditya Tyagi	Nucleic acids	A
7	25/9/23	Anjali	DNA	A
8	25/9/23	Ankush	Different types of RNA	A
9	25/9/23	Annu	A, B & Z DNA	B+
10	25/9/23	Anushka	All Nitrogenous bases.	A
11	25/9/23	Anveesha	Sugars of Nucleotide.	A+
12	25/9/23	Areeba	Monosaccharides	A+
13	25/9/23	Arshiya	Disaccharides.	B+
14	25/9/23	Fiza	Polysaccharides	A+
15	25/9/23	Avisha	Glycogen	A+
16	25/9/23	Babita	Starch	A+
17	25/9/23	Daksh	Cellulose.	A+

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Department of Bioscience
Assignment Plan

Course Biochemistry (Biotech.) Department Bioscience
Subject & Code B-101) Year /Sem 1st-year

S.NO	Date	Student Name	Assignment Topic	Grade
18	25/9/23	Rajnish.	β-oxidation of fatty acids.	A
19	25/9/23	Sakshi	Amino acids metabolism.	A+
20	25/9/23	Saloni	Water- Structure and Properties.	B+
21	25/9/23	Sameer	Universal Solvent	A
22	25/9/23	Samiya	Thermodynamics	A+
23	25/9/23	Sandhya	Laws of Thermodynamics	A+
24	25/9/23	Shaily	Entropy	A+
25	25/9/23	Shivani	Enthalpy.	B+
26	25/9/23	Shreya	High energy Compounds.	B+
27	25/9/23	Stuti	Krebs's cycle	B+
28	25/9/23	Sujal	EMP- pathway.	A
29	25/9/23	Tasneem	Hexose mono-Phosphate Shunt.	B+
30	25/9/23	Vivek	Electron transport Chain	B+
31	25/9/23	Zeenat	Oxidative Phosphorylation.	A+
32	25/9/23	Vishesh	Different form of DNA	A+
33	25/9/23	Vikas	Nitrogenous bases.	A
34	25/9/23	Stuti	Glycolysis	A+

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35	25/9/23	Drishti	Amino acids.	A+
36	25/9/23	Garima	Structure of All amino acids.	A+
37	25/9/23	Gunjeshwar	Vitamins.	A+
38	25/9/23	Hayat	Enzymes	A
39	25/9/23	Izam	Classification of Enzymes.	B+
40	25/9/23	Jogendra.	Enzyme kinetics.	A
41	25/9/23	Kapil	Enzyme inhibition	B+
42	25/9/23	Kajal	Enzyme regulation.	A+
43	25/9/23	Lalit	Aerobic respiration	A+
44	25/9/23	Mahak	Glycolysis	A+
45	25/9/23	Mansi	regulation of glycolysis.	B+
46	25/9/23	Habibullah	Link reaction	A
47	25/9/23	Bhaj	TCA-cycle	B+
48	25/9/23	Salmen	ETS	A
49	25/9/23	Faisal	Regulation of ETS.	A+
50	25/9/23	Namra	Pentose Phosphate Pathway	A+
51	25/9/23	Nisha	Gluconeogenesis	A+
52	25/9/23	Payal	Glycogenesis	B+
53	25/9/23	Prince	Glycogenolysis	B+
54	25/9/23	Priti	Fermentation	A
55	25/9/23	Puja Kumari	Anaerobic respiration.	A+
56	25/9/23	Puja Kumari Tudu.	Biosynthesis of amino acids.	A+

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Vikas kumar Institute:- Shri ram college muzaffarnagr Department:-Biosciences
Subject & Code :- Fundamental of genetics Year & Semester :-M.Sc Biotech First year Total Lecture:- 76

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Reason of deviation
I Unit (12)	1	Introduction about Subject	3|10|23	3|10|23	
	2	Introduction of genetics, its common terminology	4|10|23	4|10|23	
	3	Genetics its scope and siginficance, Mendels history	5|10|23	5|10|23	
	4	Back cross , test cross & blending inheritance	6|10|23	7|10|23	ON LEAVE
	5	Mendels experiments, characters of pea plant	7|10|23	7|10|23	Extralecture
	6	Mendels law of inheritance	9|10|23	9|10|23	
	7	Continue of Topic	10|10|23	10|10|23	
	8	lethality	11|10|23	11|10|23	
	9	Interaction of genes , complementary gene interaction	12|10|23	12|10|23	
	10	Suplementary gene interaction and epistasis	13|10|23	13|10|23	
	11	Revision/Problem Solving /Unit Test	14|10|23	14|10|23	
	12	Assignment	16|10|23	16|10|23	
Signed by → (After Completion of the Unit). Dean/Director : HOD :					
II Unit (11)	13	Linkage defination, & types	17|10|23	17|10|23	
	14	Coupling & repulsion theory	18|10|23	18|10|23	
	15	Measurement & detection of linkage	19|10|23	19|10|23	
	16	Continued topic 3	20|10|23	20|10|23	
	17	Crossing over, its types & mechanism	21|10|23	21|10|23	
	18	Completed het topic	23|10|23	25|10|23	Ram Navmi
	19	Gene mapping, three point test cross... cont	24|10|23	26|10|23	Dusshera
	20	Gene mapping, three point test cross... Completed	25|10|23	25|10|23	Extralecture
	21	Frequency affecting crossing over	26|10|23	26|10|23	Extra lecture.
	22	Revision/Problem Solving /Unit Test	27|10|23	27|10|23	
	23	Assignment	28|10|23	28|10|23	
Signed by → (After Completion of the Unit) Dean/Director : HOD :					

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Signed by →		(After Completion of the Unit) Dean/Director :	30/10/23	30/10/23 HOD :	
III Unit (07)	24	Criteria for extrachromosomal inheritance, Plastid inheritance in Mirabilis cont…	31/10/23	31/10/23	
	25	criteria for extrachromosomal inheritance, Plastid inheritance in Mirabilis completed	31/10/23	31/10/23	
	26	iojapa in corn	1/11/23	1/11/23	
	27	Kappa particles in paramecium	2/11/23	2/11/23	
	28	shell coiling in snail	3/11/23	3/11/23	
	29	Male sterility in plants	4/11/23	4/11/23	
	30	Revision/Problem Solving /Unit Test	6/11/23	6/11/23	
	31	Assignment	7/11/23	7/11/23	
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	
IV Unit	32	Sex linked, sex limited & Sex influenced traits	8/11/23	8/11/23	
	33	Theories of esx determination cont..	9/11/23	9/11/23	
	34	Theories of esx determination completed	10/11/23	16/11/23	Holi days.
	35	Sex determination in plants	11/11/23	17/11/23	
	36	Sex Reversal & gynandromorphs	13/11/23	18/11/23	
	37	Human sex anamolies	14/11/23	23/11/23	
	38	Dosage compensation & Lyons hypothesis	15/11/23	24/11/23	
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	
V Unit	39	Brief history of mutation	16/11/23	24/11/23	Extra lect
	40	Physical and chemical mutagens cont…	17/11/23	25/11/23	
	41	Physical and chemical mutagens completed	10/11/23	27/11/23	
	42	Detection of mutation in Drosophila	20/11/23	28/11/23	
	43	Detection of mutation in plants	21/11/23	28/11/23	Extra lect.
	44	Practical importance cont…	22/11/23	29/11/23	
	45	Practical importance completed	23/11/23	30/11/23	
	46	Assignment	24/11/23	30/11/23	Proxy lect
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	
VI Unit	47	Hetrerosis & inbreeding depression	25/11/23	1/12/23	
	48	Completed the topic	27/11/23	2/12/23	
	49	Application of heterosis	28/11/23	4/12/23	
	50	Apomixis	29/11/23	6/12/23	
	51	Molecular markers in heterosis breeding	30/11/23	7/12/23	
	52	Revision	1/12/23	7/12/23	
	53	Unit Test	2/12/23	8/12/23	
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	

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VII Unit	54	Mutation brief History	4/12/23	8/12/23	Proxy lecture
	55	Physical mutagens	5/12/23	9/12/23	
	56	Chemical mutagens cont..	6/12/23	11/12/23	
	57	Chemical mutagens completes	7/12/23	13/12/23	
	58	Clb Method	8/12/23	14/12/23	
	59	Muller 5 Method	9/12/23	15/12/23	Extra lect.
	60	Detection of mutation in plants	11/12/23	15/12/23	
	61	Practical application of mutation	12/12/23	16/12/23	
	62	Revision	13/12/23	18/12/23	
	63	Unit Test	14/12/23	19/12/23	
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	
VIII Unit	64	Inborn errors of metabolism in man cont	15/12/23	20/12/23	
	65	Completed the topic	16/12/23	20/12/23	Proxy lect.
	66	Eye transplantation in drosophila	18/12/23	21/12/23	
	67	biochemical mutation in neurospora	19/12/23	22/12/23	
	68	Biosynthetic pathways and biochemical	20/12/23	23/12/23	
	69	mutation	21/12/23	25/12/23	
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	
IX Unit	70	Classical and modern gene concept	22/12/23	26/12/23	
	71	Classical and modern gene concept	23/12/23	27/12/23	
	72	Pseudoallelism	25/12/23	28/12/23	
	73	Position effect	26/12/23	29/12/23	
	74	Intrageneic crossing over	27/12/23	29/12/23	
	75	Benzers work on rII locus in T4 phases	28/12/23	30/12/23	Proxy lect
	76	Completed the topic	29/12/23	30/12/23	Extra lect
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Vikas Kumar Institute:- SRC Department:- Bioscience
Subject & Code :- Fof Genetics (101) Year:- MBT 1st Total Lab:- 08

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
1.	Study of Compound Microscope	14/10/23	14/10/23	
2.	Study of Mendel's law	21/10/23	21/10/23	
3.	Problem related with Mendel's law.	28/10/23	28/10/23	
4.	Problems of Multiple alleles	4/11/24	4/11/24	
5.	Problems of Gene Mapping	11/11/24	11/11/24	
6.	Problems regarding with Hardy-Veinberg law	18/11/24	18/11/24	
7.	Problems related with χ^2 test.	25/11/24	25/11/24	
8.	Study of Mitosis from onion root tip	2/12/24	2/12/24	

Approved By : Signature of Director :
Checked By: Signature of HOD :
Prepared By: Signature of Faculty :

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Department of Bioscience

Assignment Plan M.Sc BT 1

Course Vikas Kumar Department ....Bioscience.....

Subject & Code Fund. of Genetics..... Year /Sem 1st year

S.NO	Student Name	Father Name	Assignment Topic	Grade
1	AAKANSHASHARMA	GOPIRAMSHARMA	Mendel's law	A
2	AFROJRATHOUR	RAHISAHMAD	Interaction of Genes	B
3	AMANKUMAR	RAKESH	Linkage	B
4	ARSHICHOUDHARY	MOHDTARIK	Crossing over	B
5	GAUTAMKUMAR	YOGENDRASINGH	Gene Mapping	C
6	IQRAPARVEEN	MOHDGULZAR	Extra chromosomal	C
7	ISHA	VEERPALSINGH	Kappa particles	B
8	KIRTITYAGI	DHANESHWARTYAGI	Shell coiling in snail	A
9	KM ALKA	PREMCHAND	Male sterility in plants	A
10	KMMUSKAN	BALRAMSINGH	Theory of sex determination	B
11	KM TANU	RAJNEESHKUMAR	Brief history of Mutation	B
12	MAHITYAGI	MANOJKUMARTYAGI	Physical & Chemical Mutagens	A
13	MOHDDANISHCHAUDHARY	TAHIR HASAN	Cytoplasmic Inheritance & self Incompatability	B
14	MOHDSAHIB	MEHARBAN	Genetic Mapping	A
15	NEHASHARMA	BRAJPALSHARMA	Detection of linkage	B
16	UZMA	VAJARALI	CIB & Muller-5 Method	A
17	VISHAKHAPUNDIR	MANOJPUNDIR	Hetorsis & its application	A
18	ZAINABSHAHALAM	SHAHALAM	Benzer's work on rII locus	A

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2A

Name of Faculty:- Zehra Husaini Institute:- Shri Ram College Department:-Bioscience

Subject & Code :-Microbiology Year & Semester :- 23-24 Total Lecture:- 84

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit	1	**History &development of microbiology**	12|sep|23	12|sep|23	
	2	same topic	14|sep|23	14|sep|23	
	3	pasteur experiment	15|sep|23	15|sep|23	
	4	same topic	16|sep|23	21|sep|23	
	5	same topic	19|sep|23	23|sep|23	
	6	Concept of sterilization	21|sep|23	26|sep|23	
	7	Methods of sterilization	22|sep|23	28|sep|23	
	8	physical methods of sterilization	23|sep|23	29|sep|23	
	9	same topic	26|sep|23	30|sep|23	
	10	same topic	28|sep|23	3|oct|23	
	11	same topic	29|sep|23	6|oct|23	
	12	chemical methods of sterilization	30|sep|23	10|oct|23	
	13	same topic	3|oct|23	12|oct|23	
	14	Gaseous method of sterilization	5|oct|23	13|oct|23	
	15	same topic	6|oct|23	17|oct|23	
	16	same topic	10|oct|23	19|oct|23	
	17	Microscopy	12|oct|23	20|oct|23	
	18	same topic	13|oct|23	26|oct|23	
	19	same topic	17|oct|23	27|oct|23	
	20	Electron microscopy	19|oct|23	31|oct|23	
	21	same topic	20|oct|23	2|nov|23	
	22	concept of microbial species &strains	26|oct|23	3|nov|23	
	23	same topic	27|oct|23	7|nov|23	
	24	same topic	31|oct|23	9|nov|23	
	25	Growth curve	2|nov|23	16|nov|23	
	26	Same topic	3|nov|23	17|nov|23	
	27	same topic	7|nov|23	21|nov|23	
	28	Nature of microbial cell surface	9|nov|23	23|nov|23	
	29	same topic	16|nov|23	28|nov|23	
	30	Gram +ve Gram-ve bacteria	17|nov|23	30|nov|23	
	31	kinds of flagella	21|nov|23	1|Dec|23	
	32	same topic	23|nov|23	5|Dec|23	
	33	nutritional classification of microbes	24|nov|23	7|Dec|23	
	34	same topic	28|nov|23	8|Dec|23	
	35	**Revision/Problem Solving /Test**	30|nov|23	12|Dec|23	
		Assignment			

Signed by → Faculty: Zehra HOD: Dean/Director/Chairman

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36	Genetic homogeneity in colonel population	1 |Dec|23	14|Dec|23	
37	Same topic	5|dec|23	15|Dec|23	
38	Isolation of auxotroph	7|dec|23	19 |Dec|23	
39	Replica plating technique	8|dec|23	21 |Dec|23	
40	Analysis of mutation	12|dec|23	22|Dec|23	
41	Microbial assay of antibiotics	14|dec|23	26 |Dec|23	
42	same topic	15|dec|23	28 |Dec|23	
43	Microbial assay of vitamins	19|dec|23	29|Dec|23	
44	same topic	21|dec|23	11|Jan|24	
45	Strain improvement	22|dec|23	12|Jan|24	
46	same topic	26|dec|23	16|Jan|24	
47	same topic	28|dec|23	18|Jan|24	
48	**Revision/Problem Solving /Test**	9|Jan|24	19|Jan|24	Ch
	Assignment			

Signed by →	Faculty:	HOD :	Dean/Director :	
49	Bacterial diseases	11|Jan|24	23|Jan|24	
50	same topic	12|Jan|24	25|Jan|24	
51	Viral disease	16|Jan|24	2|Feb|24	
52	same topic	18|Jan|24	6|Feb|24	
53	fungal disease	19|Jan|24	9|Feb|24	
54	same topic	23|Jan|24	22|Feb|24	
55	protozoan diseases	25|Jan|24	23|Feb|24	
56	Thermophiles	30|Jan|24	27|Feb|24	
57	Alkalophiles	1|Feb|24	29|Feb|24	
58	Pathogenic microbes	2|Feb|24	1|Mar|24	
59	Bacteria	6|Feb|24	5|Mar|24	
60	fungi	8|Feb|24	4|Mar|24	Ch
61	Virus	9|Feb|24	8|Mar|24	
62	protozoa	13|Feb|24	12|Mar|24	
63	Defense mechanism against microbes	15|Feb|24	14|Mar|24	
64	Defense mechanism against microbes	16|Feb|24	15|Mar|24	
65	**Revision/Problem Solving /Test**	20|Feb|24	19|Mar|24	
	Assignment			

Signed by →	Faculty:	HOD :	Dean/Director :	
66	Symbiosis	22|Feb|24	21|Mar|24	
67	same topic	23|Feb|24	22|Mar|24	
68	Antibiosis	27|Feb|24	23|Mar|24	
69	Nitrogen fixing microbes	29|Feb|24	24|Mar|24	
70	same topic	1|Mar|24	25|Mar|24	
71	industrial microbes	5|Mar|24	28|Mar|24	
72	same topic	7|Mar|24	30|Mar|24	
73	Uses of industrial microbes	8|Mar|24	28|Mar|24	
74	**Revision/Problem Solving /Test**	12|Mar|24	29|Mar|24	
	Assignment			

Signed by →	Faculty:	HOD :	Dean/Director :	
75	production of dairy products	14|Mar|24	30|Mar|24	
76	same topic	15|Mar|24	1|Apr|24	

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	77	production of SCP	19|mar|24	2 |Apr|24	
	78	same topic	21|mar|24	3 |Apr|24	
	79	Production of antibiotics	22|mar|24	4 |Apr|24	
	80	same topic	26|mar|24	5 |Apr|24	
	81	same topic	28|mar|24	6 |Apr|24	
	82	Ferment centurion product	29|mar|24	8 |Apr|24	
	83	A survey of product from microbes	2|Apr|24	9 |Apr|24	
	84	**Revision/Problem Solving /Test**	4|Apr|24	10|Apr|24	
		Assignment			
Signed by →		**Faculty:**	**HOD :**		**Dean/Director :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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ASSIGNMENT PLAN

COURSE: B.Sc Biotechnology DEPARTMENT - Bioscience

SUBJECT & CODE-Microbiology (104) YEAR : I st year

S.NO	NAME OF STUDENTS	ASSIGNMENT TOPIC	DATE	GRADE
1.	Arshiya Nax	PPLOs	3/10/23	A
2.	Annu Pal	Microscopy	6/10/23	B
3.	Aarti	Nature of microbial Surface	10/10/23	A
4.	Ashish Kumar Gautam	Bacteria	12/10/23	C
5.	Aaditya Tyagi	Fungi	13/10/23	B
6.	Ashu Gautam	Viruses	17/10/23	B
7.	Daksh Om	Symbiosis & Antibiosis	19/10/23	A
8.	Drishti Malik	Protozoa	20/10/23	A
9.	Fiza	Strain improvement	26/10/23	A
10.	Garima	Pasteurization	27/10/23	A
11.	Hayat Ali	Microbial Assay for vitamins	31/10/23	A
12.	Iram	Electron Microscope	2/11/23	B
13.	Kapil Kumar	Dry heat sterilization	3/11/23	B
14.	Kumari Kajal	Concept of species	7/11/23	A
15.	Mehak Pundir	Gram+ve, Gram-ve bac.	9/11/23	B
16.	Mansi	Kinds of flagella	16/11/23	B
17.	Mohd Faisal	Bacterial Disease	17/11/23	B
18.	Mohd Anas	Viral Disease	21/11/23	B
19.	Habibullah	Fungal Disease	23/11/23	A
20.	Mohd Salman	Protozoan Disease	28/11/23	B
21.	Nikit	Thermophiles	30/11/23	C
22.	Prince	Pathogenic microbes	1/12/23	C
23.	Samiya	Nitrogen fixing microbes	5/12/23	A
24.	Shivani	Alkalophiles	7/12/23	A
25.	Shoryan	Defense mechanism	8/12/23	B
26	Sameer Ahmad	Isolation of Auxotroph	12/12/23	A
27.	Uzaif Tyagi	Nutritional classification	14/12/23	B
28.	Sandhya	Bacteria	15/12/23	B
29.	Namra	Strain improvement	19/12/23	B
30.	Babita	Fungi	21/12/23	B
31.	Anushka	Production of Penicillin	22/12/23	A
32.	Payal	Viruses	26/12/23	A
33.	Vansh baliyan	Protozoans	28/12/23	B
34.	Aditya Bhasker	PPLOs	29/12/23	B
35.	Ankush	Electron Microscope	11/1/24	B
36.	Nisha	Production of Streptomycin	12/1/24	B
37.	Areeba	Protozoan Disease	16/1/24	B
38.	Jasneem	Production of SCP	18/1/24	B
39.	Lalit	Microscope	19/1/24	B
40.	Vivek	Bacterial Disease	23/1/24	A
41.	Pooja(Dharmendra)	Fungal Disease	25/1/24	B

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Zehra Husain Institute:- Shri Ram College Department:- Bioscience
Subject & Code :- Microbiology Year:- 2023-24 Total Lab:- 12

COURSE COVERAGE PLAN/LAB PLAN (LAB)

PLANNED			ACTUAL	
Lab No. (No.	Name of Experiment/Practical	Planned Date	Actual Date	Remarks
1.	Isolation of Bacteria from air.	15-4-24	15-4-24	
2.	Isolation of fungi from air.	16|4|24	16|4|24	
3.	Isolation of Bacteria and fungi from soil.	18|4|24	18|4|24	
4.	Anaerobic Respiration in yeast.	19|4|24	19|4|24	
5.	To study Prokaryotic cell.	20|4|24	20|4|24	
6.	To study Eukaryotic cell.	20|4|24	20|4|24	
7.	Gram Staining Technique.	22|4|24	22|4|24	
8.	Isolation of Bacteria from skin.	23|4|24	23|4|24	
9.	Isolation of fungi from fruiting body.	24|4|24	24|4|24	
10.	Dilution techniques	25|4|24	25|4|24	
11.	Staining of fungi	25|4|24	25|4|24	
12.	Sampling of bacteria from water	26|4|24	26|4|24	

Approved By :
Signature of Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation & AG - 310

Year &Semester :-II Year & 3rd Sem.Sec ATotal Units (7) Total Lecture:- 22

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (02)	01	Introduction to Soil and Water Conservation. Causes of soil erosion.	07/10/23	7/10/23	
	02	Revision/Unit Test/Assignment	14/10/23	14/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (02)	03	Definition and agents of soil erosion.	21/10/23	21/10/23	
	04	Revision/Unit Test/Assignment	28/10/23	28/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
III Unit (03)	05	Water erosion: Forms of water erosion.	04/11/23	4/11/23	
	06	Gully classification and control measures.	11/11/23	11/11/23	

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	07	Revision/Unit Test/Assignment	11/11/23	11/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
IV Unit (04)	08	Wind erosion: mechanics of wind erosion	18/11/23	18/11/23	
	09	Types of soil movement.	25/11/23	25/11/23	
	10	Principles of wind erosion control and its control measures.	02/12/23	2/12/23	
	11	Revision/Unit Test/Assignment	09/12/23	9/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
V Unit (05)	12	Principles of erosion control:Introduction to contouring	16/12/23	16/12/23	
	13	strip cropping	23/12/24	23/12/24	
	14	Contour bund	06/01/24	6/1/24	
	15	Graded bund and bench terracing.	13/01/24	13/1/24	
	16	Revision/Unit Test/Assignment	20/01/24	20/1/24	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	17	Grassed water ways and their design.	20/01/24	20/1/24	
	18	Water harvesting and its techniques.	27/01/24	27/1/24	
	19	Revision/Unit Test/Assignment	27/01/24	27/1/24	

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Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	20	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	03/02/24	3/2/24	
	21	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	10/02/24	10/2/24	
	22	Revision/Unit Test/Assignment	10/02/24	10/2/24	
Signed by:		(After Completion of the Unit) Dean/Director		HOD:	

Approved By:

Signature of Dean/Director:

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Signature of HOD:

Prepared By:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation& AG - 310

Year &Semester :-II Year & 3rd Sem.Sec. A Total Practical:- 09

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practical	01	General status of soil conservation in India.	04/10/23	4/10/24	
	02	Calculation of erosion index.	11/10/23	11/10/23	
	03	Estimation of soil loss.	18/10/23	18/10/23	
	04	Measurement of soil loss.	25/10/23	25/10/23	
	05	Preparation of contour maps	01/11/23	1/11/23	
	06	Design of grassed water ways.	08/11/23	6/12/23	Extra class
	07	Design of contour bunds. Design of graded Bunds.	22/11/23	22/11/23	
	08	Design of bench terracing system.	29/11/23	29/11/23	
	09	Problem on wind erosion.	06/12/23	6/12/23	

Approved By:

Signature of Dean/Director:

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Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation& AG - 310

Year &Semester :-II Year & 3rd Sem.Sec BTotal Units (7) Total Lecture:- 22

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

	PLANNED			ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (02)	01	Introduction to Soil and Water Conservation. Causes of soil erosion.	05/10/23	5/10/23	
	02	Revision/Unit Test/Assignment	05/10/23	5/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (02)	03	Definition and agents of soil erosion.	12/10/23	12/10/23	
	04	Revision/Unit Test/Assignment	12/10/23	12/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
III Unit (03)	05	Water erosion: Forms of water erosion.	19/10/23	19/10/23	
	06	Gully classification and control measures.	26/10/23	26/10/23	

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	07	Revision/Unit Test/Assignment	02/11/23	2/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
IV Unit (04)	08	Wind erosion: mechanics of wind erosion	02/11/23	2/11/23	
	09	Types of soil movement.	09/11/23	9/11/23	
	10	Principles of wind erosion control and its control measures.	16/11/23	16/11/23	
	11	Revision/Unit Test/Assignment	16/11/23	16/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
V Unit (05)	12	Principles of erosion control:Introduction to contouring	23/11/23	23/11/23	
	13	strip cropping	30/11/23	30/11/23	
	14	Contour bund	07/12/23	7/12/23	
	15	Graded bund and bench terracing.	14/12/23	14/12/23	
	16	Revision/Unit Test/Assignment	14/12/23	14/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	17	Grassed water ways and their design.	21/12/23	21/12/23	
	18	Water harvesting and its techniques.	28/12/23	28/12/23	
	19	Revision/Unit Test/Assignment	28/12/23	28/12/23	

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Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	20	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	04/01/24	4/1/24	
	21	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	11/01/24	11/1/24	
	22	Revision/Unit Test/Assignment	18/01/24	18/1/24	
Signed by:		(After Completion of the Unit) Dean/Director		HOD:	

Approved By:

Signature of Dean/Director:

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Checked By:

Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation& AG - 310

Year &Semester :-II Year & 3rd Sem. Sec. BTotal Practical:- 09

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practical	01	General status of soil conservation in India.	05/10/23	5/10/23	
	02	Calculation of erosion index.	12/10/23	12/10/23	
	03	Estimation of soil loss.	19/10/23	19/10/23	
	04	Measurement of soil loss.	26/10/23	26/10/23	
	05	Preparation of contour maps	02/11/23	2/11/23	
	06	Design of grassed water ways.	09/11/23	9/11/23	
	07	Design of contour bunds. Design of graded Bunds.	16/11/23	16/11/23	
	08	Design of bench terracing system.	23/11/23	23/11/23	
	09	Problem on wind erosion.	30/11/23	30/11/23	

Approved By:

Signature of Dean/Director:

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Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP- 4 (Section - B) (Sec C)

Name of Faculty:-**Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject &Code :- **General Agricultural II, AG-111A** Year & Semester :-**B.Sc.Ist Year , I Sem.** Total Lecture:-**13**

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (04)	1	**Introduction about Subject**	06/10/23	06/10/23	
	2	Agriculture of Intermediate Standard	13/10/23	13/10/23	
	3	Continue the lacture	20/10/23	20/10/23	
	4	**Revision/Problem Solving /Test/ Assignment**	27/10/23	27/10/23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
II Unit (04)	5	Introduction about agril.engg.	03/11/23	3/11/23	
	6	Continue the lacture	10/11/23	10/11/23	
	7	Continue the lacture	17/11/23	17/11/23	
	8	**Revision/Problem Solving /Test/ Assignment**	24/11/23	24/11/23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
III Unit (05)	9	Introduction about Animal Husbandary	01/12/23	1/12/23	
	10	Continue the lacture	08/12/23	8/12/23	
	11	Introduction about agril.economics	15/12/23	15/12/23	
	12	Continue the lacture	22/12/23	22/12/23	

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	13	Revision/Problem Solving /Test/ Assignment	29/12/23	29/12/23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- SRC Department:- **Agriculture**

Subject & Code:-**General Agriculture II** & AG –111A

Year & Semester :- **I Year & I Sem.** Sec **C** Total Practical:- 08

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practicals	01	To study the cost of tractor power/hr.	07/10/23	07/10/23	
	02	To study the calleb'ration of seed drill	14/10/23	8/10/23	
	03	To study the primary & secondary Tillage Emplimants	21/10/23	21/10/23	
	04	To study the External Anatomy of cow	28/10/23	28/10/23	
	05	To study the External Anatomy of Buffalow	04/11/23	4/11/23	
	06	To study the credit cards	11/11/23	11/11/23	
	07	To study the fodder ratio for milking Animals	18/11/23	18/11/23	
	08	Numerical Problems	25/11/23	25/11/23	

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Signature of HOD:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject & Code:- **Farm power and Machinery & AG 306**

Year &Semester :- **II Year &III Sem.** Sec. **A** Total Units (8) Total Lecture:- 33

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

	PLANNED			ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (03)	01	Status of Farm Power in India	04/10/23	4/10/23	
	02	Sources of Farm Power, I.C. engines	05/10/23	5/10/23	
	03	Revision/Unit Test/Assignment	11/10/23	11/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (04)	04	Working principles of I.C. engines.	12/10/23	12/10/23	
	05	Comparison of two stroke and four stroke cycle engines	18/10/23	18/10/23	
	06	Study of different components of I.C. engine	19/10/23	19/10/23	
	07	Revision/Unit Test/Assignment	25/10/23	25/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	

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III Unit (05)	08	I.C. engine terminology and solved problems	26/10/23	26/10/23	
	09	Familiarization with different systems of I.C.	01/11/23	01/11/23	
	10	Familiarization with different systems of I.C.	02/11/23	2/11/23	
	11	Familiarization with different systems of I.C.	08/11/23	8/11/23	
	12	Revision/Unit Test/Assignment	09/11/23	9/11/23	
Signed by →		(After Completion of the Unit) Dean/Director		HOD:	
IV Unit (05)	13	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	16/11/23	16/11/23	
	14	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	22/11/23	22/11/23	
	15	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	23/11/23	23/11/23	
	16	Revision/Unit Test/Assignment	29/11/23	29/11/23	
Signed by →		(After Completion of the Unit) Dean/Director		HOD:	
V Unit (05)	17	Familiarization with Power transmission system	30/11/23	30/11/23	
	18	clutch, gear box, differential and final drive of a tractor,	06/12/23	6/12/23	
	19	clutch, gear box, differential and final drive of a tractor,	07/12/23	07/12/23	
	20	clutch, gear box, differential and final drive of a tractor,	13/12/23	13/12/23	

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	21	Revision/Unit Test/Assignment	14/12/23	14/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	22	Tractor types, Cost analysis of tractor power and attached implement	20/12/23	20/12/23	
	23	Tractor types, Cost analysis of tractor power and attached implement	21/12/23	21/12/23	
	24	Revision/Unit Test/Assignment	27/12/23	22/12/23	Extra
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	25	Familiarization with Primary and Secondary Tillage implement	28/12/23	28/12/23	
	26	Implement for hill agriculture, implement for intercultural operations	03/01/24	10/1/24	Extra class
	27	Revision/Unit Test/Assignment	04/01/24	10/1/24	Extra class
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VIII Unit (05)	28	Familiarization with sowing and planting equipment,	10/01/24	10/1/24	
	29	Calibration of a seed drill and solved examples,	11/01/24	11/1/24	
	30	Familiarization with Plant Protection equipment.	17/01/24	17/1/24	

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	31	Familiarization with harvesting and threshing equipment.	18/01/24	18/1/24	
	32	Familiarization with harvesting and threshing equipment.	24/01/24	24/1/24	
	33	Revision/Unit Test/Assignment	25/01/24	25/1/24	
Signed by:		(After Completion of the Unit) Dean/Director			HOD:

Approved By:

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Checked By:

Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject & Code:-Farm Power and Machinery& AG - 306

Year &Semester :-**II Year & 3rd Sem.**Sec **A** Total Practical:- 10

COURSE COVERAGE PLAN (Practical)

PLANNED				ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practicals	01	Study of different components of I.C. engine	03/10/23	3/10/23	
	02	To study air cleaning and cooling system of engine.	10/10/23	10/10/23	
	03	Familiarization with clutch	17/10/23	17/10/23	
	04	Differential and final drive of a tractor	31/10/23	18/10/23	
	05	Familiarization with lubrication and fuel supply system of engine	07/11/23	17/10/23	Students Request
	06	Familiarization with Tractor brake	21/11/23	21/11/23	
	07	Familiarization with hydraulic control system of Tractor engine	28/11/23	31/10/23	Students Request
	08	Familiarization with seed-cum-fertilizer drills their seed metering mechanism and calibration,	05/12/23	5/12/23	
	09	Familiarization with different types of sprayers and dusters	12/12/23	12/12/23.	
	10	Familiarization with harvesting and threshing machinery.	19/12/23	19/12/23	

Approved By:

Signature of Dean/Director:

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Checked By:

Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject & Code:- **Farm power and Machinery & AG 306**

Year &Semester :-**II Year &III Sem.Sec.B**Total Units (8) Total Lecture:- 33

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (03)	01	Status of Farm Power in India	04/10/23	4/10/23	
	02	Sources of Farm Power, I.C. engines	05/10/23	05/10/23	
	03	Revision/Unit Test/Assignment	11/10/23	11/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (04)	04	Working principles of I.C. engines.	12/10/23	12/10/23	
	05	Comparison of two stroke and four stroke cycle engines	18/10/23	18/10/23	
	06	Study of different components of I.C. engine	19/10/23	19/10/23	
	07	Revision/Unit Test/Assignment	25/10/23	25/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	

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III Unit (05)	08	I.C. engine terminology and solved problems	26/10/23	26/10/23	
	09	Familiarization with different systems of I.C.	01/11/23	01/11/23	
	10	Familiarization with different systems of I.C.	02/11/23	2/11/23	
	11	Familiarization with different systems of I.C.	08/11/23	8/11/23	
	12	Revision/Unit Test/Assignment	09/11/23	9/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
IV Unit (05)	13	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	16/11/23	16/11/23	
	14	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	22/11/23	22/11/23	
	15	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	23/11/23	23/11/23	
	16	Revision/Unit Test/Assignment	29/11/23	29/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
V Unit (05)	17	Familiarization with Power transmission system	30/11/23	30/11/23	
	18	clutch, gear box, differential and final drive of a tractor,	06/12/23	6/12/23	
	19	clutch, gear box, differential and final drive of a tractor,	07/12/23	7/12/23	
	20	clutch, gear box, differential and final drive of a tractor,	13/12/23	13/12/23	

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	21	Revision/Unit Test/Assignment	14/12/23	14/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	22	Tractor types, Cost analysis of tractor power and attached implement	20/12/23	20/12/23	
	23	Tractor types, Cost analysis of tractor power and attached implement	21/12/23	21/12/23	
	24	Revision/Unit Test/Assignment	27/12/23	22/12/23	Extra class
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	25	Familiarization with Primary and Secondary Tillage implement	28/12/23	28/12/23	
	26	Implement for hill agriculture, implement for intercultural operations	03/01/24	10/1/24	Extra class
	27	Revision/Unit Test/Assignment	04/01/24	10/1/24	Extra class
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VIII Unit (03)	28	Familiarization with sowing and planting equipment,	10/01/24	10/1/24	
	29	Calibration of a seed drill and solved examples,	11/01/24	11/1/24	
	30	Familiarization with Plant Protection equipment.	17/01/24	17/1/24	

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	31	Familiarization with harvesting and threshing equipment.	18/01/24	18/1/24	
	32	Familiarization with harvesting and threshing equipment.	24/01/24	24/1/24	
	33	Revision/Unit Test/Assignment	25/01/24	25/1/24	
Signed by:		(After Completion of the Unit) Dean/Director			HOD:

Approved By:

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Checked By:

Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- SRC Department:- **Agriculture**

Subject & Code:-Farm Power and Machinery& AG - 306

Year &Semester :-**II Year & 3rd Sem.**Sec **B** Total Practical:- 10

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practicals	01	Study of different components of I.C. engine	09/10/23	9/10/23	
	02	To study air cleaning and cooling system of engine.	16/10/23	16/10/23	
	03	Familiarization with clutch	30/10/23	30/10/23	
	04	Differential and final drive of a tractor	06/11/23	6/11/23	
	05	Familiarization with lubrication and fuel supply system of engine	20/11/23	16/10/23	
	06	Familiarization with Tractor brake	27/11/23	27/11/23	
	07	Familiarization with hydraulic control system of Tractor engine	04/12/23	20/11/23	
	08	Familiarization with seed-cum-fertilizer drills their seed metering mechanism and calibration,	11/12/23	11/12/23	
	09	Familiarization with different types of sprayers and dusters	18/12/23	18/12/23	
	10	Familiarization with harvesting and threshing machinery.	08/01/24	8/1/24	

Approved By:

Signature of Dean/Director:

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP- 4 (Section - E) (Sec C)

Name of Faculty:-**Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject &Code :- **General Agricultural II, AG-111A** Year & Semester :-**B.Sc.Ist Year , I Sem.** Total Lecture:-13

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (04)	1	**Introduction about Subject**	06/10/23	06/10/23	
	2	Agriculture of Intermediate Standard	13/10/23	13/10/23	
	3	Continue the lacture	20/10/23	20/10/23	
	4	**Revision/Problem Solving /Test/ Assignment**	27/10/23	27/10/23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
II Unit (04)	5	Introduction about agril.Engg.	03/11/23	3/11/23	
	6	Continue the lacture	10/11/23	10/11/23	
	7	Continue the lacture	17/11/23	17/11/23	
	8	**Revision/Problem Solving /Test/ Assignment**	24/11/23	24/11/23	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
III Unit (05)	9	Introduction about Animal Husbandary	01/12/23	1/12/23	
	10	Continue the lacture	08/12/23	8/12/23	
	11	Introduction about agril.economics	15/12/23	15/12/23	
	12	Continue the lacture	22/12/23	22/12/23	

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- SRC Department:- **Agriculture**

Subject & Code:-**General Agriculture II** & AG –111A

Year & Semester :- **I Year & I Sem.** Sec **C** Total Practical:- 08

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practicals	01	To study the cost of tractor power/hr.	07/10/23	07/10/23	
	02	To study the callebration of seed drill	14/10/23	8/10/23	
	03	To study the primary & secondary Tillage Emplimentr	21/10/23	21/10/23	
	04	To study the External Anatomy of cow	28/10/23	28/10/23	
	05	To study the External Anatomy of Buffalow	04/11/23	4/11/23	
	06	To study the Credit Cards	11/11/23	11/11/23	
	07	To study the fodder, Ratio for milking Animals	18/11/23	18/11/23	
	08	Numerical Problems	25/11/23	25/11/23	

Approved By:

Signature of Dean/Director:

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Checked By:

Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation& AG - 310

Year &Semester :-II Year & 3rd Sem.Sec BTotal Units (7) Total Lecture:- 22

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (02)	01	Introduction to Soil and Water Conservation. Causes of soil erosion.	05/10/23	5/10/23	
	02	Revision/Unit Test/Assignment	05/10/23	5/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (02)	03	Definition and agents of soil erosion.	12/10/23	12/10/23	
	04	Revision/Unit Test/Assignment	12/10/23	12/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
III Unit (03)	05	Water erosion: Forms of water erosion.	19/10/23	19/10/23	
	06	Gully classification and control measures.	26/10/23	26/10/23	

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	07	Revision/Unit Test/Assignment	02/11/23	2/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
IV Unit (04)	08	Wind erosion: mechanics of wind erosion	02/11/23	2/11/23	
	09	Types of soil movement.	09/11/23	9/11/23	
	10	Principles of wind erosion control and its control measures.	16/11/23	14/11/23	
	11	Revision/Unit Test/Assignment	16/11/23	16/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
V Unit (05)	12	Principles of erosion control:Introduction to contouring	23/11/23	23/11/23	
	13	strip cropping	30/11/23	30/11/23	
	14	Contour bund	07/12/23	7/12/23	
	15	Graded bund and bench terracing.	14/12/23	14/12/23	
	16	Revision/Unit Test/Assignment	14/12/23	14/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	17	Grassed water ways and their design.	21/12/23	21/12/23	
	18	Water harvesting and its techniques.	28/12/23	28/12/23	
	19	Revision/Unit Test/Assignment	28/12/23	28/12/23	

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Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	20	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	04/01/24	4/1/24	
	21	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques	11/01/24	11/1/24	
	22	Revision/Unit Test/Assignment	18/01/24	18/1/24	
Signed by:		(After Completion of the Unit) Dean/Director		HOD:	

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Prepared By:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Vikrant Kumar Institute:- SRC Department:- Agriculture

Subject & Code:-Fundamental of Soil and Water Conservation& AG - 310

Year &Semester :-II Year & 3rd Sem. Sec. BTotal Practical:- 09

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practical	01	General status of soil conservation in India.	05/10/23	5/10/23	
	02	Calculation of erosion index.	12/10/23	12/10/23	
	03	Estimation of soil loss.	19/10/23	19/10/23	
	04	Measurement of soil loss.	26/10/23	26/10/23	
	05	Preparation of contour maps	02/11/23	2/11/23	
	06	Design of grassed water ways.	09/11/23	9/11/23	
	07	Design of contour bunds. Design of graded Bunds.	16/11/23	16/11/23	
	08	Design of bench terracing system.	23/11/23	23/11/23	
	09	Problem on wind erosion.	30/11/23	30/11/23	

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject & Code:- **Farm power and Machinery & AG 306**

Year &Semester :-**II Year &III Sem.**Sec.**B**Total Units (8) Total Lecture:- 33

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

	PLANNED			ACTUAL	
	No. of Lectures	Name of Topics	PLANNED DATE	Actual Date	Reason of deviation
I Unit (03)	01	Status of Farm Power in India	04/10/23	4/10/23	
	02	Sources of Farm Power, I.C. engines	05/10/23	05/10/23	
	03	Revision/Unit Test/Assignment	11/10/23	11/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
II Unit (04)	04	Working principles of I.C. engines.	12/10/23	12/10/23	
	05	Comparison of two stroke and four stroke cycle engines	18/10/23	18/10/23	
	06	Study of different components of I.C. engine	19/10/23	19/10/23	
	07	Revision/Unit Test/Assignment	25/10/23	25/10/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	

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III Unit (05)	08	I.C. engine terminology and solved problems	26/10/23	26/10/23	
	09	Familiarization with different systems of I.C.	01/11/23	01/11/23	
	10	Familiarization with different systems of I.C.	02/11/23	2/11/23	
	11	Familiarization with different systems of I.C.	08/11/23	8/11/23	
	12	Revision/Unit Test/Assignment	09/11/23	9/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
IV Unit (05)	13	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	16/11/23	16/11/23	
	14	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	22/11/23	22/11/23	
	15	Engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor	23/11/23	23/11/23	
	16	Revision/Unit Test/Assignment	29/11/23	29/11/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
V Unit (05)	17	Familiarization with Power transmission system	30/11/23	30/11/23	
	18	clutch, gear box, differential and final drive of a tractor,	06/12/23	6/12/23	
	19	clutch, gear box, differential and final drive of a tractor,	07/12/23	7/12/23	
	20	clutch, gear box, differential and final drive of a tractor,	13/12/23	13/12/23	

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	21	Revision/Unit Test/Assignment	14/12/23	14/12/23	
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VI Unit (03)	22	Tractor types, Cost analysis of tractor power and attached implement	20/12/23	20/12/23	
	23	Tractor types, Cost analysis of tractor power and attached implement	21/12/23	21/12/23	
	24	Revision/Unit Test/Assignment	27/12/23	22/12/23	Extra class
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VII Unit (03)	25	Familiarization with Primary and Secondary Tillage implement	28/12/23	28/12/23	
	26	Implement for hill agriculture, implement for intercultural operations	03/01/24	10/1/24	Extra class
	27	Revision/Unit Test/Assignment	04/01/24	10/1/24	Extra class
Signed by →		(After Completion of the Unit) Dean/Director:		HOD:	
VIII Unit (03)	28	Familiarization with sowing and planting equipment,	10/01/24	10/1/24	
	29	Calibration of a seed drill and solved examples,	11/01/24	11/1/24	
	30	Familiarization with Plant Protection equipment.	17/01/24	17/1/24	

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	31	Familiarization with harvesting and threshing equipment.	18/01/24	18/1/24	
	32	Familiarization with harvesting and threshing equipment.	24/01/24	24/1/24	
	33	Revision/Unit Test/Assignment	25/01/24	25/1/24	
Signed by:		(After Completion of the Unit) Dean/Director			HOD:

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Signature of HOD:

Prepared By:

Signature of Faculty:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Dr. Vikrant Kumar** Institute:- **SRC** Department:- **Agriculture**

Subject & Code:-Farm Power and Machinery& AG - 306

Year &Semester :-**II Year & 3rd Sem.**Sec **B** Total Practical:- 10

COURSE COVERAGE PLAN (Practical)

	PLANNED			ACTUAL	
	Practical No.	Title	PLANNED DATE	Actual Date	Reason of deviation
Practicals	01	Study of different components of I.C. engine	09/10/23	9/10/23	
	02	To study air cleaning and cooling system of engine.	16/10/23	16/10/23	
	03	Familiarization with clutch	30/10/23	30/10/23	
	04	Differential and final drive of a tractor	06/11/23	6/11/23	
	05	Familiarization with lubrication and fuel supply system of engine	20/11/23	13/10/23	
	06	Familiarization with Tractor brake	27/11/23	27/11/23	
	07	Familiarization with hydraulic control system of Tractor engine	04/12/23	20/11/23	
	08	Familiarization with seed-cum-fertilizer drills their seed metering mechanism and calibration,	11/12/23	11/12/23	
	09	Familiarization with different types of sprayers and dusters	18/12/23	18/12/23	
	10	Familiarization with harvesting and threshing machinery.	08/01/24	8/1/24	

Approved By:

Signature of Dean/Director:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Dr. Shweta Rathi | Institute:- Shri Ram College, Mzn | Department:-Home Science

Subject & Code :-Family dynamics | Year & Semester :- 2nd Year, 3rd Sem | Total Lecture:- 70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	PLANNED: Planned Date	ACTUAL: Actual Date	ACTUAL: Mode of Teaching	ACTUAL: Reason of Deviation
I UNIT (16)	1	Introduction to family dynamics	27/09/2023	27/09/23		
	2	Meaning and definition of family	28/09/2023	28/09/23		
	3	Structure of family	29/09/2023	29/09/23		
	4	Changing trends in family constitution	30/09/2023	30/09/23		
	5	Role of family members	3/10/2023	3/10/23		Gandhi Jayanti
	6	Demand of family in relation to changing trends	4/10/2023	4/10/23		
	7	Responsibilties of different family members	5/10/2023	5/10/23		
	8	What is joint family	6/10/2023	6/10/23		
	9	Structure and role of joint family	7/10/2023	7/10/23		
	10	Interaction and heirarchy of dominance	9/10/2023	9/10/23		
	11	Continue	10/10/2023	10/10/23		
	12	What is nuclear family	11/10/2023	11/10/23		
	13	Structure and role of nuclear family	12/10/2023	12/10/23		
	14	Interaction and heirarchy of nuclear family	16/10/2023	16/10/23		
	15	Assignment/ Presentation	17/10/2023	17/10/23		
	16	Test	18/10/2023	18/10/23		
Signed by →		(After Complete the Unit) Faculty: Shweta HOD: Shweta Dean/Director :				
II Unit (10)	17	Marriage and indian society	19/10/2023	19/10/23		
	18	Meaning and definition of marriage	20/10/2023	21/10/23		Dandiya Desherra
	19	Importance of marriage as an institution	23/10/2023	25/10/23		
	20	Continue	25/10/2023	26/10/23		
	21	Psychological, social, physiological and economical readiness for	26/10/2023	30/10/23		
	22	Continue	30/10/2023	31/10/23		
	23	Selecting a suitable partner for marriage	31/10/2023	1/11/23		Cover one lecture.
	24	Pemarital association, premarital guidance and counseling	1/11/2023	2/11/23		
	25	Group discussion on enterprenuership and its importance in current scenario	2/11/2023	3/11/23		
	26	Assignment/ Test	3/11/2023			
Signed by →		(After Complete the Unit) Faculty: Shweta HOD: Shweta Dean/Director :				
III Unit (15)	27	Areas of adjustment within the family at different stages of family	4/11/2023	4/11/23		
	28	Various family life cycles	6/11/2023	6/11/23		
	29	Continue	7/11/2023	16/11/23		Rangoli Competition 8/11/23 due to online classes
	30	What is legal aspect of marriage	8/11/2023	17/11/23		
	31	Hindu law of marriage	9/11/2023	18/11/23		
	32	Continue diwali	16/11/2023	20/11/23		
	33	Muslim law of marriage	17/11/2023	21/11/23		
	34	Continue	18/11/2023	22/11/23		
	35	Christian law of marriage	20/11/2023	23/11/23		
	36	Continue	21/11/2023	29/11/23		Fashion Splash
	37	Brain storming sesion on various laws	22/11/2023	30/11/23		
	38	What is maladjustment in different stages in family	23/11/2023	1/12/23		
	39	Revision/Problem Solving	24/11/2023	2/12/23	24-27	Fashion Splash
	40	Assignment /Presentation	25/11/2023	4/12/23		
	41	Test	27/11/2023	5/12/23		
Signed by →		(After Complete the Unit) Faculty: Shweta HOD: Shweta Dean/Director :				
IV Unit	42	Families at risk	28/11/2023	6/12/23		Arrange due one lecture Lecture Class.
	43	What are various factors responsible for risk in a family	29/11/2023	06/12/23		
	44	What is marital disharmony	30/11/2023	07/12/23		
	45	Continue	1/12/2023	07/12/23		
	46	Ways to eradicate disharmony	2/12/2023	08/12/23		
	47	What is separation	4/12/2023	09/12/23		
	48	Causes of separation	5/12/2023	11/12/23		

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	49	Legal aspects of separation	6/12/2023	12/12/23		
	50	Difference between separation and divorce	7/12/2023	15/12/23	13-14 due to on leave	
	51	Continue	11/12/2023	16/12/23		
	52	What is voilence and distress	12/12/2023	18/12/23		
	53	Types of voilence and how to eradicate it	13/12/2023	19/12/23	20/12/24 Foreshan Party.	
	54	Test	14/12/2023	21/12/23		
	55	Assignment/ Presentation	18/12/2023	22/12/23	23/12/24 Certain	
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
	56	What are different disciplinary pattern	19/12/2023	25/12/23		
	57	Influence of different diciplinary pattern on child psychology	20/12/2023	26/12/23		
	58	Continue	21/12/2023	27/12/23	Arrangement & lecture.	
	59	What is maternal depriviation	22/12/2023	27/12/23		
	60	Factors responsible for maternal depriviation	23//12/2023	28/12/23		
	61	Continue	25/12/202	29/12/23		
V Unit (08)	62	What is overprotection in child development	26/12/202	03/01/24	7/1/24 Winter Vacation	
	63	Influence of overprotection on child's development	27/12/202	9/01/24		
	64	Which is the best disciplinary pattern	28/12/2023	10/01/24		
	65	Revision of the entire syllabus	29/12/2023	11/01/24		
	66	Resolving students doubts and queries	2/1/2024	12/01/24		
	67	Revision /Problem Solving	3/1/2024	13/01/24.		
	68	Presentation of students	4/1/2024	15/01/24.		
	69	Assignment/ Presentation	5/1/2024	16/01/24.		
	70	Test	6/1/2024	17/01/24.		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Shweta Rathi | Institute:- SHRI RAM COLLEGE | QIP-2

Subject & Code :-Interior Decoration & Art Principles | Year & Semester :- IIIYear, VISem | Department:-HOME SCIENCE

Total Lecture:- 75

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
I UNIT (15)	1	Introduction of Interior Decoration & Art Principles	1-Apr-2024	1/04/24		
	2	Classification of Elements of art-Line, form, colour	2-Apr-2024	2/4/24		
	3	Elements of art- Pattern, Light, texture, space	3-Apr-2024	3/4/24		
	4	Study of Colours	4-Apr-2024	4/04/24		
	5	Classification of Colours	5-Apr-2024	5/04/24		
	6	Colour Wheel	8-Apr-2024	8/04/24		
	7	Types of Colour Schemes	9-Apr-2024	9/04/24		
	8	Colour Schemes and Their Effects	10-Apr-2024	10/04/24		
	9	Colour Value Wheel 11 Eid ul Fitar	12-Apr-2024	13/04/24	+ Practical	
	10	Principles of design -Meaning and Definition	15-Apr-2024	15/04/24		
	11	Principles of design- Characteristics & Types	16-Apr-2024	16/04/24		
	12	Continue	18-Apr-2024	18/04/24		
	13	Revision/Problem Solving	22-Apr-2024	22/04/24		
	14	Assignment/ Presentation	23-Apr-2024	23/04/24		
	15	Test	24-Apr-2024	24/04/24		
Signed by →		(After Complete the Unit) Faculty: Shweta HOD: Shweta Dean/Director :				
II Unit (11)	16	Meaning of flower arrangement	25-Apr-2024	25/04/24		
	17	History of flower arrangement	29-Apr-2024	29/04/24		
	18	Types of flower arrangement	30-Apr-2024	30/04/24		
	19	Styles of flower arrangement	1-May-2024	1/5/24		
	20	Continue	2-May-2024	2/5/24		
	21	Elements of flower arrangement	6-May-2024	6/5/24		
	22	Principles of flower arrangement	7-May-2024	7/05/24		
	23	Selection of flower arrangement	8-May-2024	08/05/24		
	24	Revision/Problem Solving	9-May-2024	9/05/24		
	25	Assignment /Presentation	13-May-2024	14/05/24		
	26	Test	14-May-2024	15/05/24		
Signed by →		(After Complete the Unit) Faculty: Shweta HOD: Shweta Dean/Director :				
III Unit (15)	27	Meaning of Natural and artificial lighting	15-May-2024	16/05/24		
	28	Characteristics of Light	20-May-2024	20/05/24		
	29	Lighting Needs and Light Sources	21-May-2024	21/05/24		
	30	Kinds of Lighting	22-May-2024	22/05/24		
	31	Electric light or artificial light technique	23-May-2024	23/05/24		
	32	Light arrangement in Different rooms	27-May-2024	27/05/24		
	33	Continue	28-May-2024	28/05/24		
	34	Out door light arrangement	29-May-2024	29/05/24		
	35	Modern light Arrangement	30-May-2024	30/05/24		
	36	Principles of lighting design	3-Jun-2024	3/06/24	}	Covers one lecture.
	37	Psychological Effects of light & colour	4-Jun-2024	3/06/24	}	

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	38	Continue	5-Jun-2024	04/06/24	Cover in one lecture	
	39	Revision/Problem Solving	6-Jun-2024	04/06/24		
	40	Assignment /Presentation	10-Jun-2024	04/06/24		
	41	Test	11-Jun-2024	05/06/24		
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :		
IV Unit (11)	42	Meaning of Furnishing materials	12-Jun-2024	5/06/24		Extra Class.
	43	Objectives of home furnishing	13-Jun-2024	05/06/24		
	44	Need to home furnishin skills	14-Jun-2024	06/06/24		Cover in one lecture.
	45	Determining factors of selection of accessories	15-Jun-2024	06/06/24		
	46	Use & Selection of pictures	17-Jun-2024	06/06/24		
	47	Relation of accessories to rooms	18-Jun-2024	7/06/24		Extra Class.
	48	Purpose of furnishing materials	19-Jun-2024	7/06/24		
	49	Use & care of furnishing material	20-Jun-2024	7/06/24		
	50	Revision/Problem Solving	22-Jun-2024	7/06/24		
	51	Assignment/ Presentation	23-Jun-2024	8/06/24		Cover in one lecture.
	52	Test	24-Jun-2024	08/06/24		
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :		
V Unit (23)	53	Different kinds of window	25-Jun-2024	10/06/24		Extra Class.
	54	Types of Curtain	26-Jun-2024	10/06/24		
	55	Meaning of Drapery	27-Jun-2024	10/06/24		
	56	Selection of curtain for windows	28-Jun-2024	11/06/24		Cover in one lecture.
	57	Importance of floor covering	29-Jun-2024	11/06/24		
	58	Classification of floor covering	1-Jul-2024	11/06/24		
	59	Hard flooring	2-Jul-2024	12/06/24		
	60	Continue	3-Jul-2024	12/06/24		
	61	Soft floor coverings	4-Jul-2024	12/06/24		
	62	Types of Rugs	5-Jul-2024	13/06/24		
	63	Types of Carpet	6-Jul-2024	13/06/24		Cover in one lecture.
	64	Factors affecting selection of soft floor covering	8-Jul-2024	13/06/24		
	65	Care of floor covering (Soft, Hard)	9-Jul-2024	14/06/24		Cover in one lecture.
	66	Meaning, definition & importance of furniture	10-Jul-2024	14/06/24		
	67	History of furniture	11-Jul-2024	15/06/24		Cover in one lecture.
	68	Classification of furniture	12-Jul-2024	15/06/24		
	69	Stye of furniture	13-Jul-2024	17/06/24		Extra Class
	70	Principles of furniture arrangement	15-Jul-2024	17/06/24		
	71	Factors affecting selection of soft floor covering	16-Jul-2024	18/06/24		Extra Class
	72	Furniture arrangement in different rooms	17-Jul-2024	18/06/24		
	73	Revision/Problem Solving	18-Jul-2024	19/06/24		Cover one lecture.
	74	Assignment/ Presentation	19-Jul-2024	19/06/24		
	75	Test	20-Jul-2024	20/06/24		
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :		

Approved By :
Signature of Dean/Director :

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Signature of HOD :

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Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Institute :-** SRC **Department:** Home Science

Subject & code :- Interior Decoration & Art Principles **Year & Semester :-** 3 year. VSem. **Total lacture :-** 20

COURSE COVERAGE PLAN/LECTURE PLAN (Practical)

PLANNED			ACTUAL	
Lab No. (No. of lab	Name of Experiment/Practical	Planned date	Actual date	Remarks
Lab-1	Colour Wheel	5-Apr-2024	05/04/24	
Lab-2	Colour Wheel	6-Apr-2024	06/04/24	
Lab-3	Monochromatic & Analogous colour scheme	12-Apr-2024	12/04/24	
Lab-4	Triad & Complementary colour scheme	13-Apr-2024	13/04/24	
Lab-5	Accented-neutral colour scheme	19-Apr-2024	20/04/24	19, Voting day.
Lab-6	Line Arrangement	20-Apr-2024	26/04/24	
Lab-7	Mass Arrangement	26-Apr-2024	03/04/24	27
Lab-8	Combination Arrangement	27-Apr-2024	03/05/24	27/ Holi leave.
Lab-9	Miniature Arrangement	3-May-2024	04/05/24	
Lab-10	Japanese Style	4 May-2024	10/05/24	
Lab-11	Dry flower arrangement	10-May-2024	11/05/24	
Lab-12	Dry flower arrangement	11-May-2024	17/05/24	
Lab-13	Floor decoration - Rangoli & Alpnana	17-May-2024	18/05/24	
Lab-14	Floor decoration - Rangoli & Alpnana	18-May-2024	24/05/24	
Lab-15	Preparing a decorative articles	24-May-2024	25/05/24	
Lab-16	Preparing a decorative articles	25-May-2024	31/06/24	
Lab-17	Preparing a decorative articles	31-May-2024	1/06/24	
Lab-18	Preparing a decorative articles	1-Jun-2024	7/06/24	
Lab-19	Preparing a decorative articles	7-Jun-2024	8/06/24	Extra Classes.
Lab-20	Work submission	8-Jun-2024	8/06/24	
Signed by :	(After complete the unit):- faculty:	HOD:	Dean And Director	

Approved By :
Signature of Dean/Director :

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Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- Dr. Shweta Rathi Institute: Shri Ram College Department:- Home Science

Subject & Code :- Computer Basic Year & Semester :- BSc 1st year 1st sem Total Lecture:- 77

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	PLANNED: Planned Date	ACTUAL: Actual Date	ACTUAL: Mode of Teaching	ACTUAL: Reason of Deviation
I Unit	1	Introduction about Subject	11/09/23	11/09/23		
	2	What is Computer	12/09/23	12/09/23		
	3	Characteristic of Computer	13/09/2023	13/09/23		
	4	Generation of Computer	14/09/2023	14/09/23		
	5	Continue of Topic -4	15/09/2023	15/09/23		
	6	Classification of computer	16/09/2023	16/09/23		
	7	What is hardware	18/09/2023	18/09/23		
	8	Continue of Topic -7	19/09/2023	19/09/23		
	9	What is software	20/09/2023	20/09/23		
	10	Continue of Topic -9	21/09/2023	21/09/23		
	11	Output & Input devices	22/09/2023	22/09/23		
	12	Continue of Topic -11	23/09/2023	23/09/23		
	13	Data Repersentation & Processing	25/09/2023	25/09/23		
	14	Revision/Problem Solving /Test	26/09/2023	26/09/23		
	15	Assignment	27/09/2023	27/09/23		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
II UNIT	16	What is windows	28/09/2023	28/09/23		
	17	Features of Windows	29/09/2023	29/09/23		
	18	Continue of Topic	30/09/2023	30/09/23		
	19	Date & Time	03/10/23	3/10/23		Gandhi Jyanti
	20	Display	04/10/23	4/10/23		
	21	Continue of Topic	05/10/23	5/10/23		
	22	Fonts	06/10/23	6/10/23		
	23	Mouse	07/10/23	7/10/23		
	24	Continue of Topic	09/10/23	9/10/23		
	25	Find	10/10/23	10/10/23		
	26	Revision/Problem Solving /Test	11/10/23	11/10/23		
	27	Assignment	12/10/23	12/10/23		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
III Unit	28	What is MS word	16/10/2023	16/10/23		
	29	Starting Word, Creating Documents	17/10/2023	17/10/23		
	30	Continue of Topic	18/10/2023	18/10/23		
	31	Part of word windows	19/10/2023	19/10/23		
	32	Formatting Features	20/10/2023	21/10/23		Dandiya Paragram Deshera.
	33	Toolbars & their Icons	23/10/2023	25/10/23		
	34	Continue of Topic	25/10/2023	26/10/23		
	35	Tables	26/10/2023	30/10/23		
	36	Revision/Problem Solving /Test	30/10/2023	31/10/23		Lecture. Arrange.
	37	Assignment	31/10/2023	31/10/23		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
IV Unit	38	What is MS Excel	01/11/23	01/11/23		
	39	Starting MS Excel & Toolbars & their Icons	02/11/23	02/11/23		
	40	Continue of Topic	03/11/23	03/11/23		
	41	Selecting Cells	04/11/23	04/11/23		
	42	Entering & editing text	06/11/23	6/11/23		
	43	Continue of Topic	07/11/23	16/11/23		Rangoli Competition due to on leave.
	44	Entering Numbers	08/11/23	17/11/23		
	45	Entering cell contents	09/11/23	18/11/23		
	46	Continue of Topic	16/11/2023	20/11/23		

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	47	Formulas	17/11/2023	21/11/23		
	48	Creating the chart	18/11/2023	22/11/23		
	49	**Revision/Problem Solving /Test**	20/11/2023	23/11/23		
	50	**Assignment**	21/11/2023	29/11/23		

Signed by → (After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**

V Unit	51	What is MS power point	23/11/2023	30/11/23		
	52	Starting power point	23/11/2023	1/12/23		
	53	Creating power point presentation	24/11/2023	2/12/23	24-27	Fashion Splash
	54	Continue of Topic	25/11/2023	4/12/23	25	
	55	Editing Text on slide	27/11/2023	5/12/23		
	56	Formatting Text	28/11/2023	6/12/23		
	57	Continue of Topic	29/11/2023	06/12/23		Arrange to make ~~Extra class.~~ Extera Class
	58	Formatting paragraphs	30/11/2023	07/12/23		
	59	checking text, using clip Art Gallery	01/12/23	07/12/23		
	60	Continue of Topic	02/12/23	08/12/23		
	61	Develop a slide show	04/12/23	04/12/23		
	62	**Revision/Problem Solving /Test**	05/12/23	11/12/23		
	63	**Assignment**	06/12/23	12/12/23		

Signed by → (After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**

	64	introduction to networking LAN MAN WAN	07/12/23	15/12/23		13-14 due to on leave
	65	Continue of Topic	11/12/23	16/12/23		
	66	introduction to internet	12/12/23	18/12/23		
	67	use of internet	13/12/2023	19/12/23		
	68	software & hardware requirement of internet	14/12/2023	21/12/23	20/12/24	Freshar Party
	69	Continue of Topic	18/12/2023	22/12/23	23/12/24	Cefeteria
IV Unit	70	search engines & search of topic	19/12/2023	25/12/23		
	71	Continue of Topic	20/12/2023	26/12/23		
	72	Advantages & disadvantages of internet	21/12/2023	27/12/23		
	73	Continue of Topic	26/12/2023	27/12/23		
	74	creation & use of email	27/12/2023	28/12/23		
	76	**Revision / problem solving / Test**	28/12/2023	29/12/23		
	77	**Assignment**	29/12/2023	08/01/23		Winter Vaccation

Signed by → (After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**

Approved By:
Signature of Dean/Director :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Institute:- Shri Ram College Department:- Home science

Subject & Code :-Computer basic (prectical) Year & Semester :- BSc 1st year 1st sem Total Lecture:- 08

COURSE COVERAGE PLAN/LECTURE PLAN (LAB)

	PLANNED			ACTUAL	
	Lecture No.	Name of Topics	Planned Date	Actual Date	Remark
		LAB			
	1	Window XP Starting & shutting Computer Moving window display window files & folder use of CDs & pen drives	10/1/2024	10/01/24	
		LAB			
	2	Starting of MS word Creating new word document Open existing document save. print page setup	11/1/2024	11/01/24	
		LAB			
	3	Close, Exit .edit view insert Format, tools menus	12/1/2024	12/01/24	
		LAB			
	4	Starting of MS Power Point starting presentation improving presentation, create persantetion content wizard	13/01/2024	13/01/24.	
		LAB			
	5	Using power point templates copying text, moving text deleting text aligning text in slide	15/01/2024	15/01/24	
		LAB			
	6	Changing fonts adding symbol . using clip art gallery animate text and graphic object .	16/01/2024	16/01/24	
		LAB			
	7	Starting of MS excel Printing & saving sheets Entering & Editing text page setup. edit. insert, formet . Tools	17/01/2024	17/01/24	
		LAB			
	8	Introduction is Internet opening web page E mail . search engines Downloading files from internet	18/01/2024	18/01/24.	
Signed by →	(After Complete the Unit) Faculty:		HOD:	Dean/Director :	

Approved By :
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Signature of HOD :

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Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Dr. Shweta Rathi Institute:- SRGC Department:- Home science

Subject & Code :- Applied Chemistry Year & Semester :- 1st year 2nd sem Total Lecture:- 68

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
I Unit	1	**Introduction about Subject**	1/4/2024	02/04/24.		
	2	Topic -1 Introduction about chemistry ,branches of chemistry	2/4/2024	02/04/24.		
	3	continue topic -physical chemistry ,organic chemistry ,inorganic chemistry	3/4/2024	3/04/24.		
	4	continue topic - biochemistry ,industrial chemistry , nuclear chemistry	4/4/2024	4/04/24.		
	5	continue topic - enviormental chemistry , analytical chemistry	5/4/2024	05/04/24		
	6	continue topic - terminologies of chemistry	6/4/2024	6/04/24		
	7	Topic 2- What is element , mixture , valency	8/4/2024	8/04/24		
	8	Continue topic - compound , molor solutions , equivalent weight	9/4/2024	09/04/24		
	9	Topic 3- Atomic structure of electron , proton neutron	10/4/2024	10/04/24		Eid ul Fitar
	10	Topic 4- Atomic number and Atomic weight	11/4/2024	12/04/24		
	11	Continue topic - Atomic structure of Sodium , chlorine , copper	13/4/2024	13/04/24		
	12	**Revision/Problem Solving /Test**	15/4/2024	15/04/24		
	13	**Assignment**	16/4/2024	16/04/24		Ram Navmi
Signed by →	(After Complete the Unit) Faculty:		HOD :		Dean/Director :	
Unit II	14	Topic -1- Definition of acid and its classification- on the basis of sources - organic and inorganic	18/4/2024	18/04/24		Ram Navmi
	15	Topic continue - on the basis on basicity- monobasic , dibasic , tribasic	19/04/2024	20/04/24		Election day
	16	Continue of Topic- on the basis of strength - weak acid , stronge acid	20/04/2024	20/04/24		
	17	Topic continue- on the basis of concentration- concentrated acid and dilute acid	22/04/2024	22/04/24		
	18	Topic -2 - Definition of base and its ,classification , on the basis of acidity ,on the basis of concentration	23/4/2024	23/04/24		
	19	Topic 2 continue- on the basis of strength	24/4/2024	24/04/24		
	20	Topic 3 - salt and its type -simple salt , double salt etc.	25/4/2024	25/04/24		
	21	Topic 4- what is alkoloids - function and properties Of alkoloid	26/4/2024	26/04/24		
	22	continue topic	27/4/2024	29/04/24	27,	~~dear~~ due to on leave
	23	Topic 5 -types of dyeing - natural dye and synthetic dyes -	29/4/2024	30/04/24	}	Covered one lecture.
	24	continue topic - acid dye , basic dye , direct dye .	30/4/2024	30/04/24		

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	25	continue topic -solvent dye . sulphur dye ,mineral dye,	1/5/2024	01/05/24		
	26	continue topic - disperse dye ,vat dye ,mordent dye,	2/5/2024	02/05/24		
	27	continue topic - properties of dyes	3/5/2024	03/05/24		
	28	Repeat topic	4/5/2024	04/05/24		
	29	**Revision/Problem Solving /Test**	6/5/2024	06/05/24.		
	30	**Assignment**	7/5/2024	7/05/24.		
Signed by →		(After Complete the Unit) **Faculty :** HOD Dean/Director :				
III Unit	31	Topic 1- study of drugs - what is antibodies aand antigen vs antibodies	8/5/2024	08/05/24		
	32	Topic continue -how do antibodies fight off antigen . where are antibodies produced	9/5/2024	09/05/24		
	33	Continue of Topic-2 what are monoclonal antibodies ,what are the 5 types of antibodies and their function,	10/5/2024	10/05/24		
	34	Topic -continue topic	11/5/2024	11/05/24.		
	35	Topic 2 - what is antiseptic and common antiseptics - phenols ,diguanides	13/5/2024	13/05/24		
	36	Topic continue - quinolines ,alkohols .peroxide ,iodine etc	14/5/2024	14/05/24		
	37	Topic -3 Analgesics . what are analgesics . what are analgesics used for	15/5/2024	15/05/24		
	38	continue topic -how do these painkiller work how should you take analgesics	16/5/2024	16/05/24		
	39	continue topic -what are the risks of usieng pain relivers	17/5/2024	17/05/24		
	40	Topic 4 - what is sulpha drugs	18/5/2024	18/05/24		
	41	Topic 5 - insectissides and disinfectants .	20/5/2024	20/05/24		
	42	Topic 6 - fire extinguisher and use and maintenance	21/5/2024	21/05/24		
	43	Test	22/5/2024	22/05/24		
	44	Topic repeat	23/5/2024	23/05/24.		
	45	**Revision/Problem Solving /Test**	24/5/2024	24/05/24.		
	46	**Assignment**	25/5/2024	25/05/24.		
Signed by →		(After Complete the Unit) **Faculty :** HOD Dean/Director :				
IV Unit	47	Topic 1- cosmetics - . composition and characterstics of cold creame	27/5/2024	27/05/24.		
	48	Topic -2 composition a of vanishing creame and method	28/5/2024	28/05/24.		
	49	Topic -3 composition and manufacture of lipstics	29/5/2024	29/05/24		
	50	Topic -4 manufacture process of nail paints	30/5/2024	30/05/24		
	51	Topic -5 shampoo and suns creame	31/5/2024	31/05/24		
	52	Topic -6 hair colour and hair dyes	1/6/2024	1/06/24.		
	53	Topic -7 precaustions while using puchasing cosmetics	3/6/2024	3/06/24.		
	54	Topic -8 test	4/6/2024	4/06/24.		
	55	Repeat topic	5/6/2024	5/06/24.		
	56	**Revision/Problem Solving /Test**	6/6/2024	6/06/24.		
	57	**Assignment**	7/6/2024	7/06/24.		
Signed by →		(After Complete the Unit) **Faculty :** HOD Dean/Director :				
	58	Topic 1- what is panit and its type -oil panit .enamel paint .	8/6/2024	8/06/24		
	59	Topic continue- emulsion paint .cement paint .bituminous paint	10/6/2024	10/06/24		
	60	Topic continue-almunium paints .anti-corrosive paint	11/6/2024	11/06/24.		

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V Unit	61	Topic -2 what is varnish - purpose and advantages of varnish ,	12/6/2024	12/06/24		
	62	Topic continue -requirements of a good varnish .types of varnish-	13/6/2024	13/06/24		
	63	Topic -con tinue-oil varnish . spirit varnish	14/6/2024	14/06/24		
	64	Topic continue -turpine varnish , asphalt varnish	15/6/2024	15/06/24		
	65	Topic continue-water varnish , flat varnish	17/6/2024	17/06/24		
	66	Topic continue -oil varnish .spar varnish	18/6/2024	18/06/24		
	67	**Revision/Problem Solving /Test**	19/6/2024	19/06/24		
	68	**Assignment**	20/6/2024	20/06/24		
Signed by →		(After Complete the Unit) **Faculty:** **HOD:** **Dean/Director :**				

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:-

Institute:- Shri Ram College, Mzn

Department:- Home science

Subject & Code :- Applied Chemistry

Year & Semester :-B.Sc 1st year 2nd sem

Total Practical- 12

COURSE COVERAGE PLAN/LECTURE PLAN (Prectical)

PLANNED				ACTUAL	
(No. of lab Allotted)	Practical No.	Name of Topics	Planned Date	Actual Date	Remark
LAB	1	Maintenance and handling of physical and chemical balance	24/6/2024	24/06/24	
	2	Qualitative analysis of chloride, acetate, phosphate, sulphate	25/6/2024	25/06/24	
	3	Continue	27/6/2024	27/06/24	
	4	Qualitative analysis of sulphide as acid radicals and basic radi	28/6/2024	28/06/24	
	5	Continue	29/6/2024	29/06/24	
	6	Qualitative analysis of Aluminium, chormium, zinc, copper, iron, nickel and lead	1/7/2024	1/07/24	
	7	Continue	2/7/2024	2/07/24	
	8	Determination of pH	3/7/2024	3/07/24.	
	9	Continue	4/7/2024	4/07/24.	
	10	Qualitative analysis of preservative- nitrate and sulphite	5/7/2024	5/07/24	
	11	Qualitative analysis of salicylate and benzoate	6/7/2024	6/07/24	
	12	Continue	8/7/2024	08/07/24.	
Signed by →		(After Complete the Unit) Faculty:	HOD:	Dean/Director :	

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Dr. Shweta Rathi Institute:- SHRI RAM COLLEGE Department:-HOME SCIENCE

Subject & Code :- House Hold Equipments Year & Semester :- 2Year.IVSem Total Lecture:- 60

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
I UNIT (24)	1	Introduction of House Hold Equipments	1-Apr-2024	01/04/24		
	2	Meaning . Definition of House Hold Equipments	2-Apr-2024	02/04/24		
	3	Work Principle. Use and Care of house hold equipments	3-Apr-2024	03/04/24		
	4	Continue	4-Apr-2024	04/04/24		
	5	Electrical - Motor Driven	5-Apr-2024	05/04/24		
	6	Food Related Motor Driven - Refrigerator.	6-Apr-2024	06/04/24.		+ Practical Due to Sunday
	7	Importance of Refrigerator	7-Apr-2024	09/04/24		
	8	Types of Refrigerator	8-Apr-2024	08/04/24.		
	9	Construction of Refrigerator	9-Apr-2024	09/04/24		+ Practical
	10	Food Related Motor Driven- Grinder & Mixer	10-Apr-2024	10/04/24	11/4/24	Eid Vacation
	11	Types of Food Mixer	12-Apr-2024	13/04/24		
	12	Food Related Motor Driven-Blender. food processor	15-Apr-2024	15/04/24		
	13	Food Related Motor Driven- Coffee Maker	16-Apr-2024	16/04/24		
	14	Laundry- Washing machine.	18-Apr-2024	18/04/24		
	15	Types of Washing Machine	22-Apr-2024	22/04/24		
	16	Continue	23-Apr-2024	23/04/24		
	17	Construction of Washing Machine	24-Apr-2024	24/04/24		
	18	Cleaning - Vacuum Cleaner	25-Apr-2024	25/04/24		
	19	Types of Vaccum Cleaner	29-Apr-2024	29/04/24		
	20	Continue	30-Apr-2024	30/04/24		
	21	Working Principle of Vaccum Cleaner	1-May-2024	01/05/24		
	22	Revision/Problem Solving	2-May-2024	2/05/24		
	23	Assignment/ Presentation	6-May-2024	06/05/24		
	24	Test	7-May-2024	7/05/24		
Signed by →		(After Complete the Unit) Faculty : Shweta HOD : Shweta Dean/Director :				
	25	Food related heat appliances- Surface heating units . toasters	8-May-2024	08/05/24		
	26	Types of toasters	9-May-2024	09/05/24		
	27	Food related heat appliances- oven simple & microwave	13-May-2024	14/05/24		

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II Unit (13)	28	Types of microwave	14-May-2024	15/05/24		
	29	Principles of microwave	15-May-2024	16/05/24		
	30	Constructions of microwave	16-May-2024	20/05/24	}	Cover in one lecture.
	31	Working Principle of microwave	20-May-2024	20/05/24.	}	
	32	Laundry - Electric iron	21-May-2024	21/05/24.		
	33	Types of Electric iron	22-May-2024	22/05/24.		
	34	Care & Maintanance of iron	23-May-2024	23/05/24.		
	35	Revision/Problem Solving	27-May-2024	24/05/24.		
	36	Assignment /Presentation	28-May-2024	28/05/24		
	37	Test	29-May-2024	29/05/24		
Signed by →		(After Complete the Unit) Faculty :	HOD :	Dean/Director :		
III Unit (23)	38	Introduction of Solar Cooker	30-May-2024	30/05/24		
	39	Types of Solar Cooker	1-Jun-2024	03/05/24	}	Cover one lecture.
	40	Working Principle of Solar Cooker	3-Jun-2024	03/05/24	}	
	41	Meaning & Types of Non Stick Pans	4-Jun-2024	04/05/24	}	Extra Class
	42	Care & Maintanance of Non Stick Pans	5-Jun-2024	04/05/24	}	
	43	Repeat	6-Jun-2024	04/05/24	}	
	44	Types of Knives	7-Jun-2024	05/05/24	}	Cover one lecture.
	45	Types of Peelers & Graters	8-Jun-2024	05/05/24	}	
	46	Care & Maintanance of Knives	10-Jun-2024	7/05/24		
	47	Meaning and Definition of Guarantee	10-Jun-2024	08/05/24		
	48	Improtance of Guarantee	11-Jun-2024	10/05/24	}	Cover one lecture.
	49	Implication of Guarantee	12-Jun-2024	10/05/24	}	
	50	Meaning of Warranty	13-Jun-2024	11/05/24		
	51	Difference between guarantee & Warranty	14-Jun-2024	12/05/24		
	52	Cleaning of Household articles -Wood Articles	15-Jun-2024	13/05/24		
	53	Glass Articles	17-Jun-2024	14/05/24.		
	54	Plastic Articles & Iron Articles	17-Jun-2024	15/05/24		
	55	Cleaning of Non Stick Articles	18-Jun-2024	17/05/24	}	Cover one lecture.
	56	Cleaning of Silver	19-Jun-2024	17/05/24	}	
	57	Cleaning of Brass	20-Jun-2024	18/05/24		
	58	Revision/Problem Solving	21-Jun-2024	19/05/24		
	59	Assignment /Presentation	22-Jun-2024	20/05/24	}	Cover one lecture.
	60	Test	24-Jun-2024	20/05/24	}	
Signed by →		(After Complete the Unit) Faculty :	HOD :	Dean/Director		

Approved By :

Signature of Dean/Director :

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Checked By:

Signature of HOD :

Prepared By:

Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- **Institute :-** SRC **Department:** Home Science

Subject & code :- House Hold Equipments **Year & Semester :-** 2 year, IVSem. **Total lacture :-** 15

COURSE COVERAGE PLAN/LECTURE PLAN (Practical)

PLANNED			ACTUAL	
Lab No. (No. of	Name of Experiment/Practical	Planned date	Actual date	Remarks
Lab-1	Conduct Market Survey of different electrical article	6-Apr-2024	06/04/24	
Lab-2	Continue	13-Apr-2024	13/04/24	+ Theory.
Lab-3	Continue	19-Apr-2024	20/04/24	Election day
Lab-4	Conduct Market Survey of different non electrical article	20-Apr-2024	26/04/24	
Lab-5	Continue	26-Apr-2024	03/05/24	
Lab-6	Evaluation of different electrical equipments	27-Apr-2024	03/05/24	27/04/24 on leave.
Lab-7	Continue	3-May-2024	04/05/24	
Lab-8	Evaluation of different non electrical equipments	10-May-2024	24/05/24	} Cover one lacture
Lab-9	Continue	11-May-2024	24/05/24	
Lab-10	Cleaning of different household articles	17-May-2024	25/05/24	} Cover one lacture.
Lab-11	Wood Articles	18-May-2024	25/05/24	
Lab-12	Glass Articles	24-May-2024	31/05/24	} Cover one lacture.
Lab-13	Plastic Articles & Iron Articles	25-May-2024	31/05/24	
Lab-14	Cleaning of Brass	31-May-2024	07/05/24	
Lab-15	Cleaning of Non Stick Articles	1-Jun-2024	08/05/24	
Signed by :-				

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Sofiya Ansari

Institute:-Shri Ram College, Mzn

Department:-Home Science

Subject & Code:- Food Microbiology

Year & Semester :-B.sc 2Year, 4Sem

Total Lecture:- 70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Unit No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
		PLANNED		ACTUAL		
	1	Introduction to food microbiology	02/04/24	01/4/24		
	2	History of microbiology	2/04/24	2/4/24		
	3	Introduction to various micro organism	3/04/24	3/4/24		
	4	Introduction to Bacteria, its structure, types and mode of nutrition	4/04/24	4/4/24		
	5	Reproduction and industrial importance of bacteria	5/04/24	5/4/24		
	6	Introduction to virus, its structure and [illegible] in various industries [illegible] vaccine production etc.	8/04/24	8/4/24		
	7	Introduction to yeast, its morphology, types, growth and industrial importance	09/04/24	9/4/24		
	8	Introduction to Fungi, its morphology, types, growth and industrial importance	10/04/24	10/4/24	11/4/24	(Eid)
	9	Continuing of the topic	12/04/24	12/4/24		
	10	Brain storming session on previously discussed topics (to check students understanding)	15/04/24	15/4/24		
	11	Introduction to Mold, its morphology and types	16/04/24	16/4/24	17/4/24	(Ram Navami)
	12	Reproduction and industrial importance of Mold	18/04/24	18/4/24		
	13	Repeatation of the whole unit in brief	22/04/24	22/4/24		
	14	Revision/Problem Solving	23/04/24	23/4/24		
	15	Assignment /Presentation	24/04/24	24/4/24		
	16	Test	25/04/24	25/4/24		
Signature →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
	17	Introduction to cultivation of micro organisms	29/04/24	29/4/24		
	18	Introduction to instrinsic factors influencing the growth of micro organism	30/04/24	30/4/24		
	19	Continue	1/05/24	1/5/24		
	20	Introduction of extrinsic factors influencing the growth of	2/5/24	2/5/24		
	21	Nutritional requirement of micro organism	6/5/24	6/5/24		
	22	Differentiation about the requirement of various micro organism	7/05/24	7/5/24		
	23	Continue	8/05/24	8/5/24		
	24	Introduction and types of the media used in laboratory	09/05/24	9/5/24		
	25	Introduction to methods of isolation of micro organism	13/05/24	13/5/24		
	26	Streak plate method and pour plate method	14/05/24	14/5/24		
	27	Spread plate method and serial dilution technique	15/05/24	15/5/24		
	28	Revision/Problem Solving	16/05/24	16/5/24		
	29	Assignment /Presentation	20/05/24	20/5/24		
	30	Test	21/05/24	21/5/24		
→		(After Complete the Unit) Faculty: HOD: Dean/Director :				
	31	Introduction to the fundamental of control of micro organsims	22/05/24	22/5/24		
	32	Discussion the principles to hinder the growth of micro organism in food	23/05/24	23/5/24		
	33	Explaining the use of high temprature such as pasteurization to control M.O.	27/05/24	27/5/24		
	34	Explaining the use of low temperature [illegible] techniques to control M.O.	28/05/24	28/5/24		
	35	Explaining the technique of dehydration to prevent microbial growth in food	29/05/24	29/5/24		

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III Unit (141)	36	Explaining the technique of irradiation to avoid microbial growth in food	30/05/24	30/5/24		
	37	Explaining various preservation techniques to enhance the shelf life of food such as jam, jelly and squash preparation	03/06/24	01/6/24		
	38	Introduction to sterilization and to apply its various methods to kill micro organisms	03/06/24	3/6/24		
	39	Continue	04/06/24	4/6/24		
	40	Introduction and explanation about disinfection and its techniques	05/06/24	5/6/24		
	41	Continue	06/06/24	5/6/24		
	42	Revision/Problem Solving	07/06/24	7/6/24		
	43	Assignment /Presentation	08/06/24	8/6/24		
	44	Test	10/06/24	10/6/24		
Signed by →	(After Complete the Unit) Faculty: HOD: Dean/Director :					
IV Unit (141)	45	Introduction to food spoilage	11/06/24	11/6/24		
	46	Explaining various agents causing food spoilage	12/06/24	12/6/24		
	47	Continue	13/06/24	13/6/24		
	48	What is contamination, how mirco organism affect spoilage	14/06/24	14/6/24		
	49	Spoilage of cereal and cereal products and handling techniques	15/06/24	15/6/24		
	50	Spoilage of fruits and vegetable products and handling techniques	17/06/24	17/6/24		
	51	Spoilage of meat and meat products and handling techniques	18/06/24	18/6/24		
	52	Spoilage of egg and poultry and handling techniques	19/06/24	19/6/24		
	53	Spoilage of milk and milk products and handling techniques	20/06/24	20/6/24		
	54	Spoilage of cannede products and handling techniques	21/06/24	21/6/24		
	55	Revision/Problem Solving	22/06/24	22/6/24		
	56	Test	24/06/24	24/6/24		
	57	Assignment/ Presentation	25/06/24	25/6/24		
Signed by →	(After Complete the Unit) Faculty: HOD: Dean/Director :					
V Unit (141)	58	Introduction to public hazards due to contaminated food	26/06/24	25/6/24		
	59	Explaining various diseases caused by this eating	27/06/24	25/6/24		
	60	Introduction of microbes used in food	28/06/24	26/6/24		
	61	Explaining various diseases caused by previously discussed microbes	29/06/24	26/6/24		
	62	What is Biotechnology and its usage	01/07/24	26/6/24	} extra class	
	63	Health hazards due to the use of biotechnology	2/07/24	26/6/24		
	64	Various micro organism to prepare fermented food	3/07/24	26/6/24		
	65	Health hazards due to fermented food	04/07/24	27/6/24		
	66	Modern approaches to control diseases causing agents in food	5/07/24	27/6/24		
	67	Continue	6/07/24	27/6/24	} extra class	
	68	Revision /Problem Solving	8/07/24	27/6/24		
	69	Test	09/07/24	27/6/24		
	70	Assignment/ Presentation	10/7/24	27/6/24		
Signed by →	(After Complete the Unit) Faculty: HOD: Dean/Director :					

Approved By :
Signature of Dean/Director :

Checked By :
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Sofiya Ansari | Institute:- Shri Ram College, Mzn | Department:- Home science

Subject & Code :- Food microbiology | Year & Semester :-B.Sc 2nd year 4th sem | Total Practical- 15

COURSE COVERAGE PLAN/LECTURE PLAN (Prectical)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Practical No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
	1	Demonstration of Different parts of microscope	06/04/24	6/4/24		
	2	Demonstration of the adjustment of microscoope	13/04/24	13/4/24		
	3	Preparation of bacterial smear	19/04/24	19/4/24		
	4	Preparation of bacterial smear	20/04/24	20/4/24		
	5	Preparation of common laboratory media	26/04/24	26/4/24		
	6	Preparation of media for cultivation of bacteria	27/04/24	27/4/24		
	7	Preparation of media for cultivation of yeast	3/05/24	3/5/24		
	8	Preparation of media for cultivation of mold	4/05/24	4/5/24		
	9	Morphological identification of mold	10/05/24	10/5/24		
	10	Morphological identification of yeast	11/05/24	11/5/24		
	11	Morphological identification of rhizopus	17/05/24	17/5/24		
	12	Morphological identification of Mucor	18/05/24	18/5/24		
	13	Morphological identification of Aspergillus and penicilium	24/05/24	24/5/24		
	14	Morphological identification of Saccharomyces and alternaria	25/05/24	25/5/24		
	15	Bacteriological analysis of milk using MBRT	31/05/24	31/5/24		

Signed by → (After Complete the Unit) **Faculty:** **HOD:** **Dean/Director :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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Name of Faculty: [illegible]
Subject & Code: Applied Physics

SHRI RAM COLLEGE, MUZAFFARNAGAR
Institute:- Shri Ram College, Mzn
Year & Semester :-B sc 1Year, 2Sem

QIP-2
Department:-Home Science
Total Lecture:- 70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No	Lecture No	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
	1	Introduction to simple machines	1/4/24	1/4/24		
	2	Explanation, Machine and the working principle	2/4/24	2/4/24		
	3	Explanation of efficiency and mechanical advantage	3/4/24	3/4/24		
	4	Introduction to some basic machines like lever and Pulley	4/4/24	4/4/24		
	5	Description of Axel, Inclined plane and Wheel	5/4/24	5/4/24		
	6	Continuing the previous topic	8/4/24	8/4/24		
	7	Working knowledge of household equipments such as vacuum	9/4/24	9/4/24		
	8	Working knowledge of food processor and washing machine	10/4/24	10/4/24		11/4/24 (Eid)
	9	Working knowledge of Microwave oven and OTG's	12/4/24	12/4/24		
	10	Continue	15/4/24	15/4/24		
	11	Revision Problem Solving	16/4/24	16/4/24		17/4/24 (RamNavmi)
	12	Assignment Presentation	18/4/24	18/4/24		
	13	Test	22/4/24	22/4/24		
Signature →		After Complete the Unit: Faculty: HOD: Dean/Director				
	14	Introduction to heating and cooking machines	23/4/24	23/4/24		
	15	Explaining various heating machines including Heater and Iron	24/4/24	24/4/24		
	16	Explaining the precautions while and after use of Water	25/4/24	25/4/24		
	17	Continue [illegible]	26/4/24	26/4/24		
	18	Explaining working, utility and maintenance of Induction	29/4/24	30/4/24		
	19	Explaining utility and maintenance of cooler	1/5/24	1/5/24		
	20	Explaining working and precautions of refrigerator	2/5/24	2/5/24		
	21	Explaining utility and maintenance of air conditioner	6/5/24	6/5/24		
	22	Explaining utility and maintenance of deep freezer	7/5/24	7/5/24		
	23	Continue	8/5/24	8/5/24		
	24	Revision Problem Solving	9/5/24	9/5/24		
	25	Assignment Presentation	13/5/24	13/5/24		
	26	Test	14/5/24	14/5/24		
Signature →		After Complete the Unit: Faculty: HOD: Dean/Director				
	1	Basic discussion on light and electricity (checking students previous knowledge)	15/5/24	15/5/24		
	2	Introduction to light and its properties	16/5/24	16/5/24		
	3	What is transmission of light	20/5/24	20/5/24		
	4	Laws of reflection of light	21/5/24	21/5/24		
	5	Laws of refraction of light	22/5/24	[illegible]		
	6	Introduction to [illegible]	23/5/24	[illegible]		
	7	Working and [illegible]	27/5/24	[illegible]		
	8	Explanation the working of human eye	28/5/24	28/5/24		
	9	Various defects of vision and their remedies	29/5/24	29/5/24		
	10	Working of camera and microscope	30/5/24	30/5/24		
	11	Working of Binoculars	31/5/24	31/5/24		
	12	Introduction to electricity	1/6/24	1/6/24		
	13	Study of conductors, ammeter and voltmeter	3/6/24	3/6/24		
	14	Study of house wiring, earthing and transformers	4/6/24	4/6/24		
	15	Study of switches, plug, fuse, bulb and CFL/tube	5/6/24	5/6/24		
	16	Continue the previous topic	6/6/24	6/6/24		
	17	Revision Problem Solving	7/6/24	6/6/24		
	18	Assignment Presentation	8/6/24	7/6/24		
			10/6/24	10/6/24		

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	45	Test	11/6/24	10/6/24	
Signed by →		(After Complete the Unit) Faculty HOD Dean/Director .			
	46	Introduction to sound	12/6/24	11/6/24	
	47	Production and reflection of sound	13/6/24	11/6/24	
	48	Measurement of noise, echo and its uses	14/6/24	12/6/24	
	49	Elementry knowledge of radio	15/6/24	13/6/24	
	50	Elementry knowledge of telephone	17/6/24	13/6/24	— Extra class
	51	Elementry knowledge of microphone	18/6/24	14/6/24	
	52	Elementry knowledge of loudspeaker	19/6/24	14/6/24	
	53	Continuing the previous topic	20/6/24	14/6/24	
	54	Random oral presentation by students on any of the covered	21/6/24	15/6/24	
	55	Continuing the presentations	22/6/24	17/6/24	
	56	Revision Problem Solving	24/6/24	17/6/24	— extra class
	57	Test	25/6/24	18/6/24	
	58	Assignment Presentation	26/6/24	18/6/24	— Extra class
Signed by →		(After Complete the Unit) Faculty: HOD Dean/Director :			
	58	Introduction to consumer awareness	27/6/24	19/6/24	
	59	Introduction to Guarantee and Warranty	28/6/24	19/6/24	— Extra class
	60	Difference between guarantee and warranty	29/6/24	20/6/24	
	61	Introduction to consumer rights	01/7/24	20/6/24	
	62	Precautions while using household equipements	2/7/24	21/6/24	
	63	Servicing of equipment used	3/7/24	21/6/24	
	64	Revision Problem Solving	4/7/24	22/6/24	
	65	Assignment Presentation	5/7/24	22/6/24	— Extra class
	66	Test	6/7/24	24/6/24	
	67	Properties of light, reflection and refraction of laws	8/7/24	25/6/24	
	68	Electricity transmission of electricity	9/7/24	25/6/24	— Extra class
	69	Production and reflection of sound	10/7/24	26/6/24	} Extra class
	70	Discussing cooling and heating machines	10/7/24	26/6/24	
Signed by →					

Approved By :
Signature of Dean/Director

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty .

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Sufiya Ansari

Institute:- Shri Ram College, Mzn

Department:- Home science

Subject & Code :- Applied physics

Year & Semester :-B.Sc 1st year 2nd sem

Total Practical- 12

COURSE COVERAGE PLAN/LECTURE PLAN (Prectical)

PLANNED				ACTUAL		
Unit No. (No. of Periods Shotted)	Practical No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
	1	Demonstration of vernier callipers	6/4/24	6/4/24		
	2	Measurement of length with callipers	13/4/24	13/4/24		
	3	Measurement of diameter with callipers	19/4/24	19/4/24		
	4	Continue	20/4/24	20/4/24		
	5	Determination of Refractive index of glass	26/4/24	26/4/24		
	6	Continue	27/4/24	27/4/24		
	7	Determination of Focal length of optical lenses	3/5/24	3/5/24		
	8	Continue	4/5/24	4/5/24		
	9	Verification of Ohm's law	10/5/24	10/5/24		
	10	Verification of Ohm's law	11/5/24	11/5/24		
	11	Measurement of voltage of various household equipments used	17/5/24	17/5/24		
	12	Continue	18/5/24	18/5/24		
Signed by →		(After Complete the Unit) Faculty: HOD Dean/Director :				

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE MUZAFFARNAGAR

Name of Faculty:- Sofiya Ansari Institute:- Shri Ram College Mzn Department:-Home Science

Subject & Code :-Enterprenuership & Motivation Year & Semester :- 3 Year, 6 Sem Total Lecture:- 70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Reason of Deviation
I UNIT (16)	1	Introduction to enterprenuership	1/4/24	1/4/24		
	2	Meaning and definition of enterprenuership	2/4/24	2/4/24		
	3	Characteristics of enterprenuership	3/4/24	3/4/24		
	4	Continue	4/4/24	4/4/24		
	5	Introduction to enterprenuer	5/4/24	5/4/24		
	6	Various definition of enterprenuer	8/4/24	8/4/24		
	7	Traditional and modern approaches of enterprenuership	9/4/24	9/4/24		
	8	Concept of enterprenuership	10/4/24	10/4/24	11/4/24	(Eid)
	9	Different Theories of enterprenuership	12/4/24	12/4/24		
	10	Continue	15/4/24	15/4/24		
	11	Introduction to various enterprenuers	16/4/24	16/4/24	17/4/24	(Ramnavmi)
	12	Discussing leading female enterprenuer (to motivate students)	18/4/24	18/4/24		
	13	Continue	22/4/24	22/4/24		
	14	Revision/Problem Solving	23/4/24	23/4/24		
	15	Assignment/ Presentation	24/4/24	24/4/24		
	16	Test	25/4/24	25/4/24		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
II Unit (10)	17	Classification of enterprenueship	29/4/24	29/4/24		
	18	Traditional classification of enterprenuership	30/4/24	30/4/24		
	19	Modern classification of enterprenuership	1/5/24	1/5/24		
	20	Continue	4/5/24	4/5/24		
	21	Types of enterprenuership	6/5/24	6/5/24		
	22	Continue	7/5/24	7/5/24		
	23	Revision/Problem Solving	8/5/24	8/5/24		
	24	Assignment /Presentation	9/5/24	9/5/24		
	25	Test	13/5/24	13/5/24		
	26	Group discussion on enterprenuership and its importance in current scenario	14/5/24	14/5/24		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
III Unit (15)	27	Introduction to creativity along with a brain storming session on it	15/5/24	15/5/24		
	28	Meaning and definition of creativity by various scholars	16/5/24	16/5/24		
	29	Importance of creativity in enterprenuership	20/5/24	20/5/24		
	30	What is innovation	21/5/24	21/5/24		
	31	Meaning and definition of Innovation by various scholars	22/5/24	22/5/24		
	32	Importance of innovation in enterprenuership	23/5/24	23/5/24		
	33	Difference between creativity and innovation (ask students to present and example to differentiate)	27/5/24	27/5/24		
	34	Continue	28/5/24	28/5/24		
	35	Enterpreneurial traits	29/5/24	29/5/24		
	36	Enterpreneurial competencies	30/5/24	30/5/24		
	37	Enterpreneurial orinetation	1/6/24	1/6/24		
	38	Continue	3/6/24	3/6/24		
	39	Revision/Problem Solving	4/6/24	4/6/24		
	40	Assignment /Presentation	5/6/24	5/6/24		
	41	Test	6/6/24	6/6/24		
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :				
IV Unit (14)	42	Introduction to enterprenerial training	7/6/24	7/6/24		
	43	Importance of training in enterprenuership	8/6/24	8/6/24		
	44	Developing enterpreneurship through training	10/6/24	10/6/24		
	45	Continue	11/6/24	11/6/24		
	46	Introduction to motivation	12/6/24	12/6/24		
	47	Meaning and definition of motivation by various scholars	13/6/24	13/6/24		
	48	Importance of motivation in enterprenuership	14/6/24	14/6/24		
	49	Principles of motivation	15/6/24	15/6/24		
	50	Different motivational theories	17/6/24	17/6/24		

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	51	Group discussion on previously discussed topic to check their understanding	18/6/24	18/6/24		
	52	Continue	19/6/24	19/6/24		
	53	Revision/Problem Solving	20/6/24	20/6/24		
	54	Test	21/6/24	21/6/24		
	55	Assignment/ Presentation	22/6/24	22/6/24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				
V Unit (08)	56	Introduction and meaning of economical development	24/6/24	24/6/24		
	57	Relation between enterpreneurship and economical development of	25/6/24	25/6/24		
	58	How enterprenuership effect the economic level and GDP of a particular nation	26/6/24	26/6/24		
	59	How to motivate people in order to bring them into motivation (asking for students views as well)	27/6/24	27/6/24		
	60	Continue	28/6/24	28/6/24		
	61	What is innovation	29/6/24	29/6/24		
	62	Characteristics of innovation	01/7/24	01/7/24		
	63	Importance of innovaton	2/7/24	2/7/24		
	64	What is creativity	3/7/24	3/7/24		
	65	Characteristics of creativity	4/7/24	3/7/24	Extra Class	
	66	Importance of creativity	5/7/24	3/7/24		
	67	Revision /Problem Solving	6/7/24	4/7/24		
	68	Presentation of students	8/7/24	4/7/24	Extra class	
	69	Test	9/7/24	4/7/24		
	70	Assignment/ Presentation	10/7/24	4/7/24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				

Approved By :

Checked By : HOD

Prepared By:

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty: Sofiya Ansari Institute:- Shri Ram College, Mzn Department:- Home science

Subject & Code :- Enterprenuership and motivation Year & Semester :-B.Sc 3rd year 6th sem Total Practical-

COURSE COVERAGE PLAN/LECTURE PLAN (Practical)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	**Practical No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Mode of Teaching**	**Reason of Deviation**
	1	Demonstration of the objectives of Enterprenuership in practical context	24/4/24	24/4/24		
	2	Assigning enterprenueral projects	29/4/24	29/4/24		
	3	Preparation of the articles	01/5/24	01/5/24		
	4	Demonstration of calculating costs of article	9/5/24	9/5/24		
	5	Understanding the principles of planning	14/5/24	14/5/24		
	6	Understanding th principles of organising	28/5/24	28/5/24		
	7	Understanding the principles of controlling in	4/6/24	4/6/24		
	8	Demonstration of managing manpower and establising good relations	5/6/24	5/6/24		
	9	Demonstration of gaining experience in financial management	21/6/24	21/6/24		
	10	Checking of the articles of studnets	22/6/24	22/6/24		
	11	Organising a mini exhibition of the articles to be purchased	15/7/24	15/7/24		
	12	Calculation the profit margin after sell of the articles	20/7/24	20/7/24		
Signed by →		(After Complete the Unit) **Faculty:**		**HOD:**		**Dean/Director :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Pooja Tomar | Institute:- SRC | Department:Basic Sc.

Subject & Code :-Div. of Non-Chordates & Eco. Zoology | Semester :- V | Total Lecture:- 68

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Mode of Teaching**	**Faculty Signature**
I Unit	1	General characteristics of phylum Protozoa & Classification,	16/10/23	16/10/23		
	2	Paramecium- General characteristics & Nutrition	17/10/23	17/10/23		
	3	Locomotion Reproduction in	18/10/23	18/10/23		
	4	Continue	19/10/23	19/10/23		
	5	Sycon- Classification & General characters	25/10/23	25/10/23		
	6	Canal System in Sycon	26/10/23	26/10/23		
	7	Obelia- Morphology	31/10/23	30/10/23		
	8	Reproduction	1/11/2023	31/10/23		
	9	continue	2/11/2023	01/11/23		
	10	Important Ques.,Queries,	2/11/2023	02/11/23		Extra lecture
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		
II Unit (09)	11	Ctenophora- General characteristics & Classif.	6/11/2023	6/11/23		
	12	Platyhelminthes classification, Taenia- Morphology	7/11/2023	7/11/23		
	13	Continue	8/11/2023	8/11/23		
	14	Reproduction	9/11/2023	9/11/23		
	15	Continue	16/11/2023	16/11/23		
	16	Ascaris- Morphology	20/11/2023	20/11/23		
	17	Reproduction	21/11/2023	21/11/23		
	18	Continue	22/11/2023	22/11/23		
	19	Important Ques.,Queries,	22/11/2023			Extra lecture
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		
III Unit (07)	20	Annelida- Salient features	23/11/2023	23/11/23		
	21	Continue	27/11/2023	28/11/23		
	22	Hirudinaria Morphology	28/11/2023	4/12/23		
	23	Continue	29/11/2023	5/12/23		
	24	Reproductive System	30/11/2023	6/12/23		
	25	Continue	4/12/2023	7/12/23		
	26	Important Ques., Queries,	4/12/2023			Extra lecture
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		

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IV Unit (07)	27	Arthropoda- General characteristics & Paiaemon Morphology	6/12/2023	10/12/23		
	28	Appendages	7/12/2023	12/12/23		
	29	Nervous System	11/12/2023	13/12/23		
	30	Continue	12/12/2023	18/12/23		
	31	Reproductive System	13/12/2023	19/12/23		
	32	Continue	14/12/2023	26/12/23		
	33	Important Ques., Queries,	14/12/2023			Extra lecture
Signed by →	(After Completion of the Unit) Dean/Director :			HOD :		
V Unit (09)	34	Mollusca-General characteristics,Pila-Morphology	18/12/2023	20/01/24	Classroom	
	35	Shell Structure	19/12/2023	23/01/24		
	36	Respiratory System	20/12/2023	23/01/24		Extra lect.
	37	Continue	21/12/2023	24/01/24		
	38	Nervous System	26/12/2023	24/01/24		Extra lect.
	39	Reproductive System	27/12/2023	25/01/24		
	40	Echinodermata- General characteristics & Classif.	1/1/2024	25/01/24		Extra lect.
	41	Water Vascular System	2/1/2024	26/01/24		
	42	Important Ques., Queries, Assignment & Unit Test	2/1/2024	26/01/24		Extra lecture
Signed by →	(After Completion of the Unit) Dean/Director :			HOD :		
VI Unit (11)	43	Ghundi Bug- Morphology	3/1/2024	27/12/23		
	44	Life Cycle & Control	4/1/2024	28/12/23		
	45	Sugarcane Leaf Hopper- Morphology	8/1/2024	28/12/23		Extra lect.
	46	Life Cycle & Control	9/1/2024	29/12/23		
	47	Rodents-General Characteristics	10/1/2024	8/01/24		
	48	Life Cycle & Control	11/1/2024	8/01/24		Extra lect.
	49	Termites- General Characteristics	15/1/2024	9/01/24		
	50	Life Cycle & Control	16/1/2024	9/01/24		Extra lect.
	51	Mosquitoes- General Characteristics	17/1/2024	10/01/24		
	52	Life Cycle & Control	18/1/2024	10/01/24		Extra lect.
	53	Important Ques., Queries, Assignment & Unit Test	18/1/2024			Extra lecture
Signed by →	(After Completion of the Unit) Dean/Director :			HOD :		
VII Unit (06)	54	Animal Breeding	22/1/2024	11/01/24		
	55	Aquaculture	23/1/2024	11/01/24		Extra lect.
	56	Pisciculture	24/1/2024	12/01/24		
	57	Fishing Industries, Fishing Methods	29/1/2024	12/01/24		Extra lect.
	58	Exotic Fishes	30/1/2024	13/01/24		
	59	Important Ques., Queries, Assignment & Unit Test	30/1/2024	13/01/24		Extra lecture
Signed by →	(After Completion of the Unit) Dean/Director :			HOD :		
	60	Sericulture	1/2/2024	15/01/24		

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VIII Unit (09)	61	Continue	5/2/2024	15/01/24		Extra lect.
	62	Apiculture	6/2/2024	16/01/24		
	63	Continue	7/2/2024	16/01/24		Extra. lect.
	64	Lac culture	8/2/2024	18/01/24		
	65	Continue	12/2/2024	18/01/24		Extra lect.
	66	Vermiculture	13/2/2024	19/01/24		
	67	Continue	14/2/2024	19/01/24		ε
	68	Important Ques., Queries, Assignment	14/2/2024	19/01/24		**Extra lecture**
Signed by →	(After Completion of the Unit) **Dean/Director :**			**HOD :**		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Pooja Tomar | Institute:- SRC | Department:Basic Sc.

Subject & Code :-Div. of Chordates & Comparative Anatomy | Semester :- V | Total Lecture:- 68

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Faculty Signature
I Unit (08)	1	Origin of Chordates, Classification	16/10/23	16/10/23		
	2	Hemichordata- General characters & classification	17/10/23	17/10/23		
	3	Balanoglossus Morphology	18/10/23	18/10/23		
	4	Anatomy	19/10/23	19/10/23		
	5	Physiology	25/10/23	25/10/23		
	6	Development	26/10/23	26/10/23		
	7	continue	31/10/23	31/10/23		
	8	Important Ques.,Queries, Assignment,UT	31/10/23	~		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD : Pooja		
II Unit (11)	9	Cephalochordata-General Characters & Classification	1/11/2023	2/11/23		
	10	Branchiostoma- Morphology	2/11/2023	6/11/23		
	11	Anatotomy	6/11/2023	7/11/23		
	12	Physiology	7/11/2023	8/11/23		
	13	Continue	8/11/2023	9/11/23		
	14	Herdmania- Morphology	9/11/2023	16/11/23		
	15	Anatomy	16/11/2023	20/11/23		
	16	Physiology	20/11/2023	21/11/23		
	17	Post Embryonic Development	21/11/2023	22/11/23		
	18	Continue	22/11/2023	23/11/23		
	19	Important Ques.,Queries, Assignmen.,UT	22/11/2023			
Signed by →		(After Completion of the Unit) Dean/Director :		HOD : Pooja		
III Unit (12)	20	Pisces- General characteristics & Classification	23/11/2023	30/11/23		
	21	Amphibia- General characteristics & Classification	27/11/2023	4/12/23		
	22	Reptilia- General characteristics & Classification	28/11/2023	5/12/23		
	23	Aves- General characteristics & Classification	29/11/2023	6/12/23		
	24	Mammals- General characteristics & Classification	30/11/2023	7/12/23		
	25	Neoteny	4/12/2023	11/12/23		
	26	Paedogenesis	6/12/2023	12/12/23		
	27	Poisonous & Non-Poisonous Snakes	7/12/2023	13/12/23		
	28	Biting Mechanism in Snakes	11/12/2023	18/12/23		
	29	Migration in Birds	12/12/2023	19/12/23		

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	30	Dentition in Mammals	13/12/2023	26/12/23		
	31	Important Ques., Queries, Assignment,UT	13/12/2023			
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
IV Unit (08)	32	Integumentary System- Structure	14/12/2023	26/12/23		
	33	Continue	18/12/2023	27/12/23		
	34	Continue	19/12/2023	27/12/23		Extra lect.
	35	Continue	20/12/2023	28/12/23		
	36	Skeletal System	21/12/2023	28/12/23		Extra lect.
	37	Continue	26/12/2023	29/12/23		
	38	Continue	27/12/2023	29/12/23		Extra lect.
	39	Important Ques., Queries, Assignment,UT	27/12/2023	29/12/23		Extra lecture
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
V Unit (06)	40	Digestive System	1/1/2024	8/01/24	Classroom	
	41	Continue	2/1/2024	8/01/24		
	42	Continue	3/1/2024	9/01/24		
	43	Continue	4/1/2024	9/01/24		Extra lect.
	44	Teeth & Dentition	8/1/2024	10/01/24		
	45	Important Ques., Queries, Assignment & Unit Test	8/1/2024	16/01/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VI Unit (07)	46	Respiratory System in Scoliodon	9/1/2024	10/01/24		
	47	Respiratory System in Frog & Lizard	10/1/2024	11/01/24		
	48	Continue	11/1/2024	11/01/24		Extra lect.
	49	Respiratory System in Rabbit	15/1/2024	12/01/24		
	50	Comparision	16/1/2024	12/01/24		Extra lect.
	51	Continue	17/1/2024	13/01/24		
	52	Important Ques., Queries, Assignment & Unit Test	17/1/2024	13/01/24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VII Unit (08)	53	Circulatory System	18/1/2024	15/01/24		
	54	Comparision	22/1/2024	15/01/24		Extra lect.
	55	Continue	23/1/2024	16/01/24		
	56	Modification	24/1/2024	16/01/24		Extra lect.
	57	Urinogenital System	29/1/2024	18/01/24		
	58	Comparision	30/1/2024	18/01/24		
	59	Continue	1/2/2024	19/01/24		Extra lect.
	60	Important Ques., Queries, Assignment & Unit Test	1/2/2024	19/01/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VIII Unit (08)	61	Nervous System	5/2/2024	19/01/24		Extra lect.
	62	Continue	6/2/2024	20/01/24		
	63	Comparision	7/2/2024	20/01/24		Extra lect.
	64	Autonomous Nervous System	8/2/2024	23/01/24		
	65	Continue	12/2/2024	23/01/24		Extra lect.
	66	Sense Organs	13/2/2024	24/1/24		Extra lecture
	67	Continue	14/2/2024	24/01/24		

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	68	Important Ques., Queries, Assignment	14/2/2024	25/01/24		
Signed by →	(After Completion of the Unit) Dean/Director :			HOD :		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Pooja Tomar | Institute:- SRC | Department:Basic Sc.

Subject & Code :-Evolutionary & Developmental Biology | Semester :- VI | Total Lecture:- 73

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

SESSION – 2023-24 (EVEN SEMESTER)

Unit No. (No.	Lecture No.	Name of Topics	PLANNED Planned Date	ACTUAL Actual Date	Mode of Teaching	Faculty Signature
I Unit (10)	1	Origin of Life	20/3/24	20/3/24		
	2	Continue	21/3/24	20/3/24		
	3	Lamarckism	22/3/24	21/3/24		
	4	Continue	23/3/24	22/3/24		
	5	Darwinism	26/3/24	26/3/24		
	6	Continue	27/3/24	27/3/24		
	7	Modern Theories of Evolution	28/3/24	27/3/24		
	8	Pattern of Evolution- Divergence	29/3/24	28/3/24		
	9	Convergnce, Parallel	30/3/24	28/3/24		
	10	Coevolution	1/4/2024	29/3/24		
		Important Ques.,Queries, Assignment,	1/4/2024	29/3/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
II Unit (10)	11	Microevolution	2/4/2024	30/3/24		
	12	Macroevolution	3/4/2024	1/4/24		
	13	allele frequencies	4/4/2024	3/4/24		
	14	Genotype frequencies	5/4/2024	4/4/24		
	15	Hardy-Weinberg equilibrium	6/4/2024	5/4/24		
	16	Continue	8/4/2024	6/4/24		
	17	Forces of Evolution	9/4/2024	8/4/24		
	18	Mutation	10/4/2024	9/4/24		
	19	Selection	12/4/2024	9/4/24		
	20	Genetic Drift	13/4/2024	10/4/24		
		Important Ques.,Queries, Assignment,	13/4/2024	10/4/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
III Unit (08)	21	Types of Fossils	15/4/2024	12/4/24		
	22	Continue	16/4/2024	13/4/24		
	23	Incompleteness of Fossil Record	18/4/2024	15/4/24		
	24	Continue	19/4/2024	15/4/24		
	25	Dating of fossils	20/4/2024	16/4/24		
	26	Continue	22/4/2024	16/4/24		
	27	Phylogeny of Horse	23/4/2024	18/4/24		
	28	Continue	24/4/2024	20/4/24		
		Important Ques.,Queries, Assignment,	24/4/2024	20/4/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
IV Unit (09)	29	Biological Species Concept	26/4/2024	22/4/24		
	30	Continue	27/4/2024	23/4/24		
	31	Advantages	29/4/2024	23/4/24		
	32	Limitations	30/4/2024	24/4/24		
	33	Continue	1/5/2024	25/4/24		
	34	Mode of Speciation	2/5/2024	26/4/24		
	35	Continue	3/5/2024	27/4/24		
	36	Mass Extinction & its causes	4/5/2024	27/4/24		
	37	Continue	6/5/2024	29/4/24		
		Important Ques., Queries, Assignment	6/5/2024	29/4/24		Extra lecture
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
V Unit (11)	38	Gametogenesis	7/5/2024	1/5/24		
	39	Continue	8/5/2024	2/5/24		
	40	Continue	9/5/2024	3/5/24		
	41	Fertilization	10/5/2024	3/5/24		
	42	Continue	11/5/2024	4/5/24		
	43	Cleavage	13/5/2024	6/5/24		
	44	Continue	14/5/2024	6/5/24		

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	45	Gastrulation	15/5/2024	8|5|24		
	46	Continue	16/5/2024	8|5|24		
	47	Fate Maps	17/5/2024	9|5|24		
	48	Morphogenesis	18/5/2024	9|5|24		
		Important Ques., Queries, Assignment	18/5/2024	9|5|24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :			HOD :	
	49	Organogenesis	20/5/2024	10|5|24		
	50	Continue	21/5/2024	10|5|24		
	51	Embryonic Development	22/5/2024	11|5|24		
	52	Continue	23/5/2024	11|5|24		Extra lect.
	53	Developmental control genes	24/5/2024	13|5|24		
	54	Continue	25/5/2024	13|5|24		
	55	Homebox genes	27/5/2024	14|5|24		
VI Unit (07)		Important Ques., Queries, Assignment	27/5/2024	14|5|24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :			HOD :	
	56	Early development of vertebrates	28/5/2024	15|5|24		
	57	Fish	29/5/2024	16|5|24		
	58	Birds	30/5/2024	17|5|24		
	59	Mammals	31/5/2024	18|5|24		
	60	Continue	1/6/2024	20|5|24		
VII Unit (09)	61	Metamorphosis	3/6/2024	20|5|24		Extra lect.
	62	Continue	4/6/2024	22|5|24		
	63	Regeneration	5/6/2024	23|5|24		
	64	Environmental regulation of developm	6/6/2024	24|5|24		
		Important Ques., Queries, Assignment	7/6/2024	24|5|24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :			HOD :	
	65	Development of eye	8/6/2024	25|5|24		
	66	Continue	10/6/2024	27|5|24		
	67	Development of Kidney	11/6/2024	27|5|24		Extra lect.
	68	Dev. Of Limbs in Amphibia	12/6/2024	28|5|24		
	69	Continue	13/6/2024	28|5|24		
VIII Unit (09)	70	Mammalian female reproductive cycle	14/6/2024	29|5|24		Extra lecture
	71	Estrous cycle	15/6/2024	29|5|24		
	72	Menstruation	18/6/2024	30|5|24		
	73	Aging: the biology of senescence	19/6/2024	30|5|24		Extra lect.
		Important Ques., Queries, Assignment	19/6/2024	—		
Signed by →		(After Completion of the Unit) Dean/Director :			HOD :	

Approved By :

Signature of Dean/Director :

Checked By:

Signature of HOD :

Prepared By:

Signature of Faculty :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Chairman
IQAC, Shri Ram College,
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Pooja Tomar | Institute:- SRC | Department:Basic Sc.

Subject & Code :- Ecology,Ethology,Env. Science & Wildlife | Semester :- VI | Total Lecture:- 71

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

SESSION - 2023-24 (EVEN SEMESTER)

			PLANNED	ACTUAL		
Unit No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Faculty Signature
	1	History of Ecology	20/3/24	20/3/24		
	2	Autecology	21/3/24	21/3/24		
	3	Synecology	22/3/24	28/3/24		
	4	Levels of organisation	23/3/24	29/3/24		
	5	Laws of limiting factors	26/3/24	26/3/24		
	6	Study of Physical factors	27/3/24	27/3/24		
		Important Ques.,Queries, Assignment,UT	27/3/24	—		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD/Pooja		
	7	Population density	28/3/24	28/3/24		
	8	Natality	29/3/24	29/3/24		
	9	Mortality	30/3/24	30/3/24		
	10	Life tables	1/4/2024	1/4/24		
	11	Fecundity tables	2/4/2024	3/4/24		
	12	survivorship curves, age ratio	3/4/2024	3/4/24		
	13	Sex ratio	4/4/2024	4/4/24		
	14	dispersal & Dispersion	5/4/2024	5/4/24		
II Unit (16)	15	Exponential & Logistic growth	6/4/2024	6/4/24		
	16	Types of Ecosystem	8/4/2024	8/4/24		
	17	Food Chain	9/4/2024	9/4/24		
	18	Food web	10/4/2024	9/4/24		
	19	Energy flow	12/4/2024	10/4/24		
	20	Ecological Pyramids	13/4/2024	12/4/24		
	21	Biogeochemical cycle	15/4/2024	12/4/24		Extra class
	22	Carbon cycle	16/4/2024	13/4/24		
		Important Ques.,Queries, Assignment,UT	16/4/2024	13/4/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD/Pooja		
	23	Characteristics of Community	18/4/2024	15/4/24		
	24	Species richness	19/4/2024	16/4/24		
	25	Dominance	20/4/2024	18/4/24		
	26	Diversity	22/4/2024	18/4/24		
III Unit (07)	27	Aubundance	23/4/2024	20/4/24		
	28	continue	24/4/2024	20/4/24		Extra lect.
	29	Ecological Succession	26/4/2024	22/4/24		
		Important Ques., Queries, Assignment,UT	26/4/2024	22/4/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD/Pooja		
	30	Sources of environmental hazards	27/4/2024	23/4/24		
	31	Climate change	29/4/2024	24/4/24		
	32	Environmental impact & Assesment	30/4/2024	25/4/24		
	33	Green house gases	1/5/2024	25/4/24		
IV Unit (09)	34	continue	2/5/2024	26/4/24		
	35	Global Warming	3/5/2024	27/4/24		
	36	Acid Rain	4/5/2024	27/4/24		
	37	Ozone layer destruction	6/5/2024	29/4/24		
		Important Ques., Queries, Assignment,UT	6/5/2024	29/4/24		Extra lecture
Signed by →		(After Completion of the Unit) Dean/Director :		HOD/Pooja		
	38	Effect of Climate change on Public health	7/5/2024	1/5/24		
	39	Sources of wastes & its types	8/5/2024	2/5/24	Classroom	
	40	Sewage disposal & its management	9/5/2024	3/5/24		
	41	Solid waste disposal	10/5/2024	3/5/24		
V Unit (10)	42	Biomedical waste disposal & handling	11/5/2024	4/5/24		
	43	Nuclear waste disposal & handling	13/5/2024	4/5/24		
	44	Waste from thermal power plant	14/5/2024	6/5/24		
	45	Case histories on Bhopal gas tragedy	15/5/2024	8/5/24		
		Chernobyl disaster & its aftermath	16/5/2024	8/5/24		Extra lect.

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		Important Ques., Queries, Assignment & Unit Test	16/5/2024	9/5/24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VI Unit (10)	47	Ethology- Origin & history	17/5/2024	9/5/24		
	48	Instinct behaviour	18/5/2024	10/5/24		
	49	Learnt behaviour	20/5/2024	11/5/24		
	50	Associative learning	21/5/2024	13/5/24		
	51	Classical & Operant conditioning	22/5/2024	13/5/24		
	52	Habituation & Imprinting	23/5/2024	14/5/24		
	53	Biological clocks	24/5/2024	15/5/24		
	54	Circadian rhythms	25/5/2024	15/5/24		
	55	Lunar & circannual rhythms	27/5/2024	16/5/24		
	56	Chronomedicine	28/5/2024	17/5/24		
		Important Ques., Queries, Assignment & Unit Test	28/5/2024	17/5/24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VII Unit (09)	57	Values of wild life	29/5/2024	18/5/24		
	58	Positive & Negative values	30/5/2024	18/5/24		
	59	Conservation ethics	31/5/2024	20/5/24		
	60	Importance of conservation	1/6/2024	22/5/24		
	61	Causes of depletion	3/6/2024	23/5/24		
	62	continue	4/6/2024	23/5/24		
	63	World conservation strategies	5/6/2024	24/5/24		
	64	continue	6/6/2024	24/5/24		
		Important Ques., Queries, Assignment & Unit Test	6/6/2024	25/5/24		Extra lect.
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
VIII Unit (08)	65	National Parks & Sanctuaries	7/6/2024	25/5/24		
	66	Continue	8/6/2024	27/5/24		
	67	Community Reserves	10/6/2024	28/5/24		
	68	Important features of protected areas	11/6/2024	28/5/24		
	69	Tiger Conservation	12/6/2024	29/5/24		
	70	Tiger Reserves in India	13/6/2024	29/5/24		
	71	Management Challenges in Tiger reserves	14/6/2024	30/5/24		Extra lecture
		Important Ques., Queries, Assignment & Unit Test	14/6/2024	30/5/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		

Approved By :

Checked By:

Prepared By:

Signature of Dean/Director :

Signature of HOD :

Signature of Faculty :

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Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Rishabh Bhardwaj Institute:- Shri Ram College Department:-Basic Science

Subject & Code :- Environmental Chemistry & CH - 4507 Class & Semester :- M.Sc. & IV Total Lecture:- 51

SECTION-A

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (06)	1	Composition of atmosphere, Vertical temperature	05-04-2024	05/04/24	
	2	Heat budget of the earth atmospheric system	06-04-2024	06/04/24	
	3	Vertical stability atmosphere	10-04-2024	08/04/24	
	4	Biogeochemical cycles of Carbon, Nitrogen	11-04-2024	09/04/24	
	5	Biogeochemical cycles of Phosphorous, Sulphur & Oxygen	12-04-2024	10/04/24	
	6	Biodistribution of elements	13-04-2024	12/04/24	
	7	**Revision/Problem Solving /Unit Test**		13/04/24	
	8	**Assignment**		13/04/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
II Unit (10)	9	Chemical composition of water bodies-lakes, streams, rivers and wet lands etc.	17-04-2024	15/04/24	
	10	Hydrological cycle	18-04-2024	16/04/24	
	11	Aquatic pollution - inorganic, organic, pesticide, agricultural, industrial and sewage, detergents, oil spills and oil pollutants.	19-04-2024	18/04/24	
	12	Water quality parameters - dissolved oxygen, biochemical oxygen demand, solids, metals, content of chloride, sulphate, phosphate, nitrate and micro-organisms.	20-04-2024	20/04/24	
	13	Water quality standards.	24-04-2024	22/04/24	
	14	Analytical methods for measuring BOD, DO, COD, F, Oils, metals (As, Cd, Cr, Hg, Pb, Se etc.), residual chloride and chlorine demand.	25-04-2024	23/04/24	
	15	Purification and treatment of water.	26-04-2024	24/04/24	
	16	**Soils** Composition, micro and macro nutrients,	27-04-2024	25/04/24	
	17	Pollution - fertilizers, pesticides,	01-05-2024	26/04/24	
	18	plastics and metals: Waste treatment.	02-05-2024	27/04/24	
	19	**Revision/Problem Solving /Unit Test**		29/04/24	
	20	**Assignment**		29/04/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
III Unit	21	Chemical composition of atmosphere-particles, ions and radicals and their formation.	03-05-2024	30/04/24	
	22	Chemical and photochemical reactions in atmosphere,	04-05-2024	01/05/24	
	23	Smog formation,	08-05-2024	02/05/24	
	24	oxides of N, C, S, O and their effect,	09-05-2024	03/05/24	
	25	pollution by chemicals, petroleum, minerals,	10-05-2024	04/05/24	

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(09)	26	Chlorofluorohydrocarbons, Green house effect, acid rain,	11-05-2024	06/05/24	
	27	Air pollution controls and their chemistry.	15-05-2024	07/05/24	
	28	Analytical methods for measuring air pollutants.	16-05-2024	08/05/24	
	29	Continuous monitoring instruments.	17-05-2024	09/05/24	
	30	**Revision/Problem Solving /Unit Test**		10/05/24	
	31	**Assignment**		10/05/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
IV Unit (6)	32	Cement, sugar, Distillery, drug,	18-05-2024	11/05/24	
	33	Paper and pulp,	22-05-2024	13/05/24	
	34	Thermal power plants,	23-05-2024	14/05/24	
	35	Nuclear power plants, Metallurgy.	24-05-2024	15/05/24	
	36	Polymers, drugs etc., Radionuclide analysis.	25-05-2024	16/05/24	
	37	Disposal of wastes and their management.	29-05-2024	17/05/24	
	38	**Revision/Problem Solving /Unit Test**		18/05/24	
	39	**Assignment**		18/05/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
V Unit (10)	40	Chemical solutions to environmental problems	30-05-2024	20/05/24	
	41	Biodegradability	31-05-2024	21/05/24	
	42	Principles of decomposition, better industrial processes.	01-06-2024	22/05/24	
	43	Bhopal gas tragedy	05-06-2024	23/05/24	
	44	Chernobyl	06-06-2024	24/05/24	
	45	Three Mile Island	07-06-2024	25/05/24	
	46	Sewal D and Minamata disasters.	08-06-2024	27/05/24	
	47	12 Principles of Green Chemistry	12-06-2024	28/05/24	
	48	Less Hazardous Chemicals, Ionic Liquids,	13-06-2024	25/05/24	
	49	Some Examples of Green Chemistry: Caprolactum, Ibuprofen.	14-06-2024	30/05/24	
	50	**Revision/Problem Solving /Unit Test**		31/05/24	
	51	**Assignment**		31/05/24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Co-ordinator
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Chairman
IQAC, Shri Ram College,
Muzaffarnagar

Name of Faculty:- Dr. Rishabh Bhardwaj Institute:- Shri Ram College Department:-Basic Science

Subject & Code :- Inorganic Chemistry & CH-101 Class & Semester :- M.Sc. I Sem Total Lecture:- 64

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (14)	1	VSEPR	04-10-23	9-10-23	
	2	VSEPR	05-10-23	10-10-23	
	3	VSEPR	06-10-23	11-10-23	
	4	Walsh diagrams (tri atomic molecules),	07-10-23	12-10-23	
	5	Walsh diagrams (tri atomic molecules),	09-10-23	13-10-23	
	6	Walsh diagrams (tri atomic molecules),	10-10-23	14-10-23	
	7	dπ-Pπ bonds,	11-10-23	16-10-23	
	8	dπ-Pπ bonds,	12-10-23	17-10-23	
	9	Bent rule	13-10-23	18-10-23	
	10	Bent rule	14-10-23	25-10-23	
	11	energetics of hybridization	16-10-23	26-10-23	
	12	some simple reactions of covalently bonded molecules.	17-10-23	27-10-23	
	13	**Revision/Problem Solving /Unit Test**	18-10-23	28-10-23	
	14	**Assignment**	19-10-23	30-10-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
II Unit (10)	15	Stepwise and overall formation constants and their interaction	20-10-23	31-10-23	
	16	Stepwise and overall formation constants and their interaction	21-10-23	01-11-23	
	17	trends in stepwise constants	25-10-23	02-11-23	
	18	factors affecting the stability of metal complexes with reference to the nature of metal ion and Ligand	26-10-23	03-11-23	
	19	factors affecting the stability of metal complexes with reference to the nature of metal ion and Ligand	27-10-23	04-11-23	
	20	chelate effect and its thermodynamic origin	28-10-23	06-11-23	
	21	determination of binary formation constants by pH-metry and spectrophotometry	30-10-23	07-11-23	
	22	determination of binary formation constants by pH-metry and spectrophotometry	31-10-23	08-11-23	
	23	**Revision/Problem Solving /Unit Test**	01-11-23	09-11-23	
	24	**Assignment**	02-11-23	18-11-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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	25	Energy prof+C38:C62ile of a reaction	03-11-23	20-11-23	
	26	reactivity of metal complexes	04-11-23	21-11-23	
	27	inert and labile complexes,	06-11-23	22-11-23	
	28	kinetic application of valence bond Theory	07-11-23	23-11-23	
	29	kinetic application of crystal field theory	08-11-23	24-11-23	
	30	Kinetics of Substitution Reactions- acid hydrolysis,	09-11-23	25-11-23	
	31	factors affecting acid hydrolysis	10-11-23	27-11-23	
	32	factors affecting base hydrolysis	16-11-23	28-11-23	
	33	conjugate base mechanism,	17-11-23	29-11-23	
	34	direct and indirect evidences in favour of conjugate mechanism.	18-11-23	30-11-23	
	35	Anation reactions	20-11-23	01-12-23	
	36	reactions without Metal-Ligand bond cleavage.	21-11-23	07-12-23	
	37	Substitution reactions in square planer complexes	22-11-23	04-12-23	
	38	the trans effect	23-11-23	05-12-23	
III Unit (25)	39	mechanism of the substitution reaction.	24-11-23	06-12-23	
	40	mechanism of the substitution reaction.	25-11-23	07-12-23	
	41	Mechanism of one electron transfer reactions [such as Henry Taube's classical reaction of $(NH3)_5 Co^{3+}$ -Cr^{2+}, Inner spheretype reactions]	27-11-23	08-12-23	
	42	Mechanism of one electron transfer reactions [such as Henry Taube's classical reaction of $(NH3)_5 Co^{3+}$ -Cr^{2+}, Inner spheretype reactions]	28-11-23	09-12-23	
	43	Mechanism of one electron transfer reactions [such as Henry Taube's classical reaction of $(NH3)_5 Co^{3+}$ -Cr^{2+}, Inner spheretype reactions]	29-11-23	11-12-23	
	44	Outer-sphere type reactions (cross reactions)	30-11-23	12-12-23	
	45	Outer-sphere type reactions (cross reactions)	01-12-23	13-12-23	
	46	Marcus-Hush theory	02-12-23	14-12-23	
	47	Marcus-Hush theory	04-12-23	15-12-23	
	48	**Revision/Problem Solving /Unit Test**	05-12-23	16-12-23	
	49	**Assignment**	06-12-23	18-12-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
	50	Adjusted CFT	07-12-23	19-12-23	
	51	Adjusted CFT	08-12-23	15-12-23	
	52	Adjusted CFT	09-12-23	20-12-23	
	53	Adjusted CFT	11-12-23	21-12-23	
	54	Adjusted CFT	12-12-23	22-12-23	
	55	Limitations of crystal field theory	13-12-23	23-12-23	
IV Unit (15)	56	Limitations of crystal field theory	14-12-23	25-12-23	
	57	Octahedral complexes	15-12-23	26-12-23	
	58	Octahedral complexes	16-12-23	27-12-23	
	59	tetrahedral complexes	18-12-23	28-12-23	
	60	tetrahedral complexes	19-12-23	29-12-23	
	61	square planar complexes	20-12-23	30-12-23	
	62	square planar complexes	21-12-23	09-01-24	
	63	**Revision/Problem Solving /Unit Test**	22-12-23		
	64	**Assignment**	23-12-23		
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

Approved By :
Signature of Dean/Director :

Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

Chairman
IQAC, Shri Ram College,
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Rishabh Bhardwaj Institute:- Shri Ram College Department:-Basic Science

Subject & Code :- Bioinorganic & Biophysical Chemistry & CH-303 Class & Semester :- M.Sc. I Sem
Total Lecture:- 80

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (05)	1	Essential and trace metals.	25-09-23	03-10-23	
	2	Essential and trace metals.	26-09-23	04-10-23	
	3	Role of metals ions in biological processes (Na+/K+ Pump)	27-09-23	05-10-23	
	4	Role of metals ions in biological processes (Na+/K+ Pump)	28-09-23	06-10-23	
	5	Role of metals ions in biological processes (Na+/K+ Pump)	29-09-23	07-10-23	
	6	**Revision/Problem Solving /Unit Test**	30-09-23	09-10-23	
	7	**Assignment**	25-09-23	10-10-23	
Signed by →		(After Completion of the Unit) **Faculty:** **HOD:** **Dean/Director :**			
II Unit (06)	8	DNA polymerisation	26-09-23	11-10-23	
	9	glucose storage	27-09-23	12-10-23	
	10	metal complexes in transmission of energy	28-09-23	13-10-23	
	11	chlorophylls	29-09-23	14-10-23	
	12	photosystem I in cleavage of water	30-09-23	16-10-23	
	13	photosystem II in cleavage of water	02-10-23	17-10-23	
	14	**Revision/Problem Solving /Unit Test**	03-10-23	18-10-23	
	15	**Assignment**	04-10-23	25-10-23	
Signed by →		(After Completion of the Unit) **Faculty:** **HOD:** **Dean/Director :**			
III Unit (08)	16	Heme proteins and oxygen uptake	05-10-23	26-10-23	
	17	structure and function of hemoglobin	06-10-23	27-10-23	
	18	structure and function of myoglobin	07-10-23	28-10-23	
	19	structure and function of hemocyanins	09-10-23	01-11-23	
	20	structure and function of hemerythrin	10-10-23	02-11-23	
	21	model synthetic complexes of iron	11-10-23	03-11-23	
	22	model synthetic complexes of cobalt	12-10-23	04-11-23	
	23	model synthetic complexes of copper	13-10-23	06-11-23	
	24	**Revision/Problem Solving /Unit Test**	14-10-23	07-11-23	
	25	**Assignment**	16-10-23	08-11-23	
Signed by →		(After Completion of the Unit) **Faculty:** **HOD:** **Dean/Director :**			

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IV Unit (06)	26	Structure of metalloproteins in electron transport processes	05-10-23	09-11-23	
	27	Function of metalloproteins in electron transport processes	06-10-23	18-11-23	
	28	Cytochromes	07-10-23	20-11-23	
	29	Ion-sulphur proteins	09-10-23	21-11-23	
	30	Synthetic models	10-10-23	25-11-23	
	31	Synthetic models	11-10-23	28-11-23	
	32	**Revision/Problem Solving /Unit Test**	12-10-23	29-11-23	
	33	**Assignment**	13-10-23	25-11-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
V Unit (05)	34	Biological nitrogen fixation	14-10-23	27-11-23	
	35	molybdenum nitrogenase	16-10-23	28-11-23	
	36	spectroscopic and other evidence	17-10-23	29-11-23	
	37	spectroscopic and other evidence	18-10-23	30-11-23	
	38	other nitrogenases model systems	19-10-23	01-12-23	
	39	**Revision/Problem Solving /Unit Test**	20-10-23	02-12-23	
	40	**Assignment**	21-10-23	04-12-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
VI Unit (05)	41	Biological cell, structure and functions of proteins, enzymes	25-10-23	05-12-23	
	42	Structure and functions of DNA and RNA in living systems, Helix coil transition	26-10-23	07-12-23	
	43	Standard free energy change in biochemical reactions, exergonic, endergonic	27-10-23	08-12-23	
	44	Hydrolysis of ATP	28-10-23	09-12-23	
	45	synthesis of ATP from ADP	30-10-23	11-12-23	
	46	**Revision/Problem Solving /Unit Test**	31-10-23	12-12-23	
	47	**Assignment**	01-11-23	13-12-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
VII Unit (06)	48	Chain configuration of macromolecules	02-11-23	14-12-23	
	49	statistical distribution end to end dimensions	03-11-23	15-12-23	
	50	statistical distribution end to end dimensions	04-11-23	16-12-23	
	51	calculation of average dimensions for various chain structures	06-11-23	18-12-23	
	52	Polypeptide and protein structures	07-11-23	19-12-23	
	53	introduction to protein folding problem	08-11-23	20-12-23	
	54	**Revision/Problem Solving /Unit Test**	09-11-23	21-12-23	
	55	**Assignment**	10-11-23	22-12-23	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
VIII Unit (06)	56	Forces involved in biopolymer interactions	16-11-23	23-12-23	
	57	Electrostatic charges and molecular expansion	17-11-23	25-12-23	
	58	Hydrophobic forces, dispersion force interactions	18-11-23	26-12-23	
	59	Multiple equilibria and various types of binding processes in biological systems	20-11-23	27-12-23	
	60	Multiple equilibria and various types of binding processes in biological systems	21-11-23	28-12-23	
	61	Hydrogen ion titration curves	22-11-23	29-12-23	
	62	**Revision/Problem Solving /Unit Test**	23-11-23	08-01-24	
	63	**Assignment**	24-11-23	09-01-24	
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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IX Unit (07)	64	Thermodynamics of biopolymer solutions	25-11-23		
	65	osmotic pressure	27-11-23		
	66	membrane equilibrium	28-11-23		
	67	muscular contraction and energy generation in mechanochemical system	29-11-23		
	68	Structure and functions of cell membrane	30-11-23		
	69	ion transport through cell membrane,	01-12-23		
	70	irreversible thermodynamic treatment of membrane transport. Nerve conduction.	02-12-23		
	71	**Revision/Problem Solving /Unit Test**	04-12-23		
	72	**Assignment**	05-12-23		
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
X Unit (06)	73	Evaluation of size, shape, molecular weight and extent of hydration of biopolymers by various experimental techniques	06-12-23		
	74	Sedimentation equilibrium	07-12-23		
	75	hydrodynamic methods	08-12-23		
	76	diffusion, sedimentation velocity	09-12-23		
	77	viscosity, electrophoresis	11-12-23		
	78	rotational motions	12-12-23		
	79	**Revision/Problem Solving /Unit Test**	13-12-23		
	80	**Assignment**	14-12-23		
Signed by →		(After Completion of the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Dr. Rishabh Bhardwaj Institute:- Shri Ram College Department:-Basic Science

Subject & Code :- Inrganic Chemistry- II & CH - 201 Class & Semester :- M.Sc. & II Total Lecture:- 40

SECTION-A

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	**Remarks**
I Unit (12)	1	Spectroscopic ground states, correlation	08-04-2024	05-04-24	
	2	Spectroscopic ground states, correlation	09-04-2024	06-04-24	
	3	Orgel Diagrams for transition metal complexes (d1-d9 states)	10-04-2024	08-04-24	
	4	Orgel Diagrams for transition metal complexes (d1-d9 states)	11-04-2024	09-04-24	
	5	Tanabe-Sugano diagrams for transition metal complexes (d1-d9 states)	15-04-2024	10-04-24	
	6	Calculations of Dq, B and β parameters	16-04-2024	12-04-24	
	7	Charge transfer spectra	17-04-2024	13-04-24	
	8	Spectroscopic method of assignment of absolute configuration in optically active metal chelates and their stereochemical information	18-04-2024	15-04-24	
	9	Spectroscopic method of assignment of absolute configuration in optically active metal chelates and their stereochemical information	22-04-2024	16-04-24	
	10	Anomalous magnetic moments	23-04-2024	18-04-24	
	11	Magnetic exchange coupling and spin crossover	24-04-2024	20-04-24	
	12	Magnetic exchange coupling and spin crossover	25-04-2024	22-04-24	
	13	**Revision/Problem Solving /Unit Test**		23-04-24	
	14	**Assignment**		23-04-24	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	
II Unit (11)	15	Metal carbonyls structure and bonding	29-04-2024	24/04/24, 25/04/24	
	16	Vibrational spectra of metal carbonyls for bonding and structural elucidation	30-04-2024	26/04/24	
	16	Vibrational spectra of metal carbonyls for bonding and structural elucidation	01-05-2024	27/04/24 29/04/24	
	17	Important reactions of metal carbonyls	02-05-2024	30/04/24	
	18	Preparation of Metal Carbonyls	06-05-2024	01/05/24	
	19	Bonding of Metal Carbonyls	07-05-2024	02/05/24	
	19	Bonding of Metal Carbonyls	08-05-2024	05/05/24	
	20	Structure and important reactions of transition metal nitrosyl complexes	09-05-2024	04/05/24	
	21	Structure and important reactions of dinitrogen complexes	13-05-2024	06/05/24	
	22	Structure and important reactions of dinitrogen complexes	14-05-2024	07/05/24	
	23	tertiary phosphine as Ligand	15-05-2024	08/05/24	
	24	**Revision/Problem Solving /Unit Test**		09/05/24	

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	25	**Assignment**		09/05/24
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**
III Unit (09)	26	Higher boranes	16-05-2024	16/05/24
	26	Higher boranes	20-05-2024	11/05/24
	27	Carboranes	21-05-2024	13/05/24
	27	Carboranes	22-05-2024	14/05/24
	28	metalloboranes	23-05-2024	15/05/24
	28	metalloboranes	27-05-2024	16/05/24
	29	Metal carbonyl and halide clusters	28-05-2024	17/05/24
	30	compounds with metal-metal multiple bonds.	29-05-2024	18/05/24
	31	compounds with metal-metal multiple bonds.	30-05-2024	20/05/24
	32	**Revision/Problem Solving /Unit Test**		21/05/24
	33	**Assignment**		22/05/24
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**
IV Unit (08)	34	Radioactive decay & equilibrium.	03-06-2024	22/05/24
	35	Nuclear Reactions,	04-06-2024	23/05/24
	36	Q-value cross-section	05-06-2024	24/05/24
	37	types of reactions	06-06-2024	25/05/24
	38	Chemical effects of nuclear transformations Fission & Fusion	10-06-2024	27/05/24
	39	Fission products & fission yields	11-06-2024	28/05/24
	40	Radioactive techniques	12-06-2024	29/05/24
	41	Tracer techniques.	13-06-2024	30/05/24
	42	**Revision/Problem Solving /Unit Test**		31/05/24
	43	**Assignment**		31/05/24
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**

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Signature of Dean/Director :

Checked By:
Signature of HOD :

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Signature of Faculty :

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Shri Ram College, Muzaffarnagar

Name of Faculty:- Dr.Rahul Arya Department:-Basic Science

Subject & Code :-PHOTO CHEMISTRY & ~~BIO-ORGANIC CHEMISTRY~~ Year & Semester :- 2023-24 Total Lecture:- 71

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planne Date	Actual Date	Mode of Teaching	Faculty Signature
I Unit (05)	1	Interaction of electromagnetic radiation with matter	25/9/23	25/9/23	FCT	
	2	types of excitations, fate of excited molecule	26/9/23	26/9/23		
	3	quantum yield, transfer of excitation energy	27/9/23	27/9/23		
	4	actinometry	28/9/23	28/9/23		
	5	**Revision/Problem Solving /Unit Test**	29/9/23	29/9/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
Unit-2 (06)	6	rate constants and life times of reactive energy states	30/9/23	30/9/23		
	7	determination of rate constants of reactions	3/10/23	3/10/23		
	8	Effect of light intensity on rate of photochem reaction	4/10/23	4/10/23		
	9	Types of photochemical reactions	5/10/23	5/10/23		
	10	- photo-dissociation, gas-phase photolysis	6/10/23	6/10/23		
	11	**Revision/Problem Solving /Unit Test**	7/10/23	7/10/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
Unit-3 (06)	12	Intramolecular reactions of the olefinic bond	9/10/23	9/10/23		
	13	geometrical isomerism,	10/10/23	10/10/23		
	14	cyclisation reactions	11/10/23	11/10/23		
	15	rearrangement of 1,4 dienes	12/10/23	12/10/23		
	16	rearrangement of 1,5- dienes	13/10/23	13/10/23		
	17	**Revision/Problem Solving /Unit Test**	14/10/23	14/10/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
IV Unit (10)	17	Intramolecular reactions of carbonyl compounds	16/10/23	16/10/23		
	18	- saturated, cyclic and acyclic	17/10/23	17/10/23		
	19	β , γ - unsaturated	18/10/23	18/10/23		
	20	α, β-unsaturated compounds	19/10/23	19/10/23		
	21	Cyclohexadienones	20/10/23	26/10/23		
	22	Intermolecular cyloaddition reactions	21/10/23	21/10/23		
	23	- dimerisations and oxetane formation	25/10/23	25/10/23		
	24	PaternoBuchi Reaction.	26/10/23	26/10/23		
	25	**Revision/Problem Solving /Unit Test**	27/10/23	27/10/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
V Unit (05)	26	Photochemistry of Aromatic Compounds	28/10/23	28/10/23		
	27	Isomerisations	30/10/23	4/11/23	External exam	
	28	additions	31/10/23	8/11/23	〃	
	29	substitutions	1/11/23	7/11/23	〃	
	30	**Revision/Problem Solving /Unit Test**	2/11/23	8/11/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
VI-Unit (12)	31	Photo-Fries reactions of anilides	3/11/23	9/11/23		
	32	Photo-Fries rearrangement	4/11/23	20/11/23		
	33	Barton reaction. Singlet molecular oxygen reactions	6/11/23	20/11/23		
	34	Photochemical formation of smog	7/11/23	22/11/23		

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10 Nov – 15 Nov
18 Nov 2023
17 4
12 4

24, 25, 26 Nov – Bashir Bleas
27 Nov – Ganga Asnan
20 Dec – freshers party

	35	Photodegradation ofpolymers.Photochemistry of vision	8/11/23	23/11/23		
	36	**Revision/Problem Solving /Unit Test**	9/11/23	23/11/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
VII- Unit (09)	37	Intro & History, chemical and biological catalysis	10/11/23	28/11/23	Syllabus	
	38	properties of enzymes-catalytic power,specificity regulation	16/11/23	29/11/23		
	39	Nomenclature and classification	17/11/23	29/11/23	Complete	
	40	extraction and purification	18/11/23	30/11/23		
	41	Fischer's lock and key,Koshland induced fit hypothesis	20/11/23	11/12/23		
	42	concept&identification of active site by the use of inhibitors	21/11/23	12/12/23		
	43	Enzyme kinetics, MichaelisMentel& Lineweaver-Burk	22/11/23	13/12/23		
	44	reversible and irreversible inhibition.	23/11/23	14/12/23		
	45	**Revision/Problem Solving /Unit Test**	24/11/23	15/12/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
VIII-Unit (05	46	Transition-state theory, orientation and steric effect,	25/11/23			
	47	acid-base catalysis, covalent catalysis, strain or distortion	27/11/23			
	48	enzyme mechanisms for chymotrypsin, ribonuclease	28/11/23			
	49	lysozyme and carboxypeptidase A	29/11/23			
	50	**Revision/Problem Solving /Unit Test**	30/11/23			
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
X-Unit-(08	51	Nucleophilic displacement on a phosphorus atom	1/12/23			
	52	multiple displacement reactions	2/12/23			
	53	coupling of ATP cleavage to endergonic processes	4/12/23			
	54	Transfer of sulphate, addition and elimination reactions	5/12/23			
	55	enolic intermediates in isomerization reactions,	6/12/23			
	56	isomerization and rearrangement reactions.	7/12/23			
	57	Enzyme catalyzed carboxylation and decarboxylation	8/12/23			
	58	**Revision/Problem Solving /Unit Test**	9/12/23			
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
X-Unit- (06)	59	Cofactors derived from vitamins, coenzymes,pros. groups	11/12/23			
	60	apoenzymes.Structure& biological func. of coenzyme A	12/12/23			
	61	thiamine pyrophosphate, pyridoxal phosphate	13/12/23			
	62	NAD+, NADP+, FMN, FAD, lipoic acid, vitamin B12	14/12/23			
	63	Mech. of reactions catalyzed by the above cofactors	15/12/23			
	64	**Revision/Problem Solving /Unit Test**	16/12/23			
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
XI-Unit (07)	65	Host-guest chemistry, chiral recognition' and catalysis	18/12/23			
	66	molecular recognition, molecular asymmetry and prochirality	19/12/23			
	67	Biomimetic chemistry, crown ethers, cryptates	20/12/23			
	68	Cyclodextrins, cyclodextrin-based enzyme models	21/12/23			
	69	calixarenes, ionophores, micelles,	22/12/23			
	70	synthetic enzymes or synzymes.	23/12/23			
	71	**Revision/Problem Solving /Unit Test**	26/12/23			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

24, 25, 26 – fashion show
27 – Ganga as naam.
2 Dec 2023 – Internal exam preparation leave
3 Dec 2023 – 9 Dec 2023 (Internal exam)
20/12/23 – Teacher party
30, 31 Dec 2023 and 1 Jan 2024 – Colors
2 Jan to 6 Jan winter break

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Name of Faculty:- **Dr.Rahul Arya** Department:-**Basic Science**

Subject & Code :**Chemical Dynamics & Coordination Chemistry)**,Year & Semester :- 2023-24,Total Lecture:-72

SECTION-A SEM- III

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Faculty Signature
I Unit (12)	1	Rate of a reaction, molecularity and order of reaction,	13/10/23	16/10/23		
	2	concentration,dependence of rates- – zero order,	14/10/23	17/10/23		
	3	first order, second order kinetics	16/10/23	20/10/23		
	4	pseudo order, half-life and mean life.	17/10/23	21/10/23		
	5	differential method, method of integration,	20/10/23	30/10/23		
	6	half-life method and isolation method.	21/10/23	30/10/23		
	7	Effect of temperature on rate of reaction	27/10/23	31/10/23	External Exam	
	8	, Arrhenius equation,concept of activation energy	28/10/23	3/11/23	External Exam	
	9	Simple collision theory based on hard sphere model	30/10/23	4/11/23		
	10	transition state theory (equilibrium hypothesis)	30/10/23	6/11/23		
	11	Expression for rate constant based on equilibrium constt.	3/11/23	7/11/23		
	12	**Revision/Problem Solving /Unit Test**	4/11/23	7/11/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
II Unit (06)	13	Equilibrium constant and free energy	6/11/23	20/11/23		
	14	thermodynamic derivation of law of mass action	7/11/23	21/11/23		
	15	Le-Chatelier's principle	10/11/23	28/11/23		
	16	reaction isotherm and reaction isochore	11/11/23	28/11/23		
	17	– Clapeyron Clausius equation and its applications	17/11/23	1/12/23		
	18	**Revision/Problem Solving /Unit Test**	18/11/23	2/12/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
III Unit (07)	19	Statement and meaning of the terms-phase	20/11/23	4/12/23		
	20	component and degree of freedom	21/11/23	5/12/23		
	21	derivation of Gibbs phase rule	24/11/23	8/12/23		
	22	phase equilibria of 1 component system– water, CO2	25/11/23	9/12/23		
	23	Phase equilibria of2 component systems Solid,liquid equilibria	27/11/23	10/12/23		
	24	simple eutectic – Bi-Cd, Pb Ag systems.	28/11/23	11/12/23		
	25	**Revision/Problem Solving /Unit Test**	1/12/23	14/12/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				
IV-Unit No.(10)	26	Postulates of kinetic theory of gases	2/12/23	15/12/23		
	27	deviation from ideal behavior	4/12/23	16/12/23		
	28	van der Waals equation of state	5/12/23	18/12/23		
	29	PV isotherms of real gases, continuity of states	8/12/23	19/12/23		
	30	the isotherms of Van der Waals equation	9/12/23	19/12/23		
	31	relationship between critical constants &Van der Waals constants	10/12/23	22/12/23		
	32	the law of corresponding states, reduced equation of state	12/12/23	23/12/23		
	33	Qualitative discuss of Maxwell's distribution of molecular velocities	15/12/23	23/12/23		
	34	collision number, mean free path and collision diameter	16/12/23	25/12/23		
	35	**Revision/Problem Solving /Unit Test**	18/12/23	28/12/23		
Signed by →		(After Completion of the Unit) **Dean/Director :** HOD :				

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16 NOV – 15 NOV Diwali Holiday
17 NOV – Physics practical (Sem-II)
24, 25, 26 – Fashion & pleasure

11 Dec 2023 to 23 Dec 2023
Internal exam

V- Unit (07)	36	Intermolecular forces, structure of liquids	19/12/23	26/12/23		
	37	differences between solids, liquids and gases	22/12/23	26/12/23		
	38	Difference between liquid crystal, solid and liquid	23/12/23	26/12/23		
	39	Classification, structure of nematic and cholesterol phases	26/12/23	27/12/23		
	40	(gels): Classification, preparation and properties	29/12/23	27/12/23		
	41	inhibition, general application	30/12/23	28/12/23		
	42	**Revision/Problem Solving /Unit Test**	2/01/24	28/12/23		
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		
VI-Unit No-(06)	43	Werner's theory of coordination complexes	5/01/24	8/1/24		
	44	classification of ligands,ambidentate ligands,chelates,coordination numbers	6/01/24	8/1/24		
	45	IUPAC nomenclature of coordination complexes	8/01/24	9/1/24		
	46	Isomerism-coordination compounds,constitutional& stereo isomerism	9/01/24	9/1/24		
	47	geometrical and optical isomerism	12/01/24	10/1/24		
	48	**Revision/Problem Solving /Unit Test**	13/01/24	11/1/24		
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		
VII Unit (12)	49	Metal- ligand bonding in transition metal complexes	13/01/24	13/1/24		
	50	limitations of valance bond theory	15/01/24	13/1/24		
	51	An elementary idea of crystal field theory	16/01/24	15/1/24		
	52	C.F.S in octahedral, tetrahedral&square planner complexes	19/01/24	15/1/24		
	53	John teller effect	20/01/24	16/1/24		
	54	factors affecting the crystal-field parameters	22/01/24	17/1/24		
	55	Thermodynamic and kinetic aspects of metal complexes	23/01/24	19/1/24		
	56	thermodynamic stability of metal complexes	27/01/24	19/1/24		
	57	concept of hard and soft acids and bases	29/01/24	20/1/24		
	58	factors affecting stability, stability constants of complexes	30/01/24	20/1/24		
	59	substitution reactions of square planar complexes	30/01/24	22/1/24		
	60	**Revision/Problem Solving /Unit Test**	2/02/24	22/1/24		
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		
VIII Unit (12)	61	Electronic spectra of Transition Metal Complexes	2/02/24	23/1/24	Extra	
	62	Types of electronic transitions	3/02/24	23/1/24	Extra	
	63	selection rules for d-d transitions, spectroscopic ground states	5/02/24	23/1/24		
	64	Orgel-energy level diagram for d1 and d9 states	6/02/24	27/1/24	— Extra	
	65	electronic spectrum of [Ti(H2O)6]3+ complex ion	9/02/24			
	66	Magnetic properties of transition metal complexes	10/02/24	Course		
	67	types of magnetic behaviour	12/02/24	Course	22/1/24 to	
	68	methods of determining magnetic susceptibility	13/02/24	Exam	23/1/24	
	69	spin-only formula, L-S coupling	16/02/24	Lab (Chem Stay)		
	70	correlation of μ s and μ eff values	17/02/24			
	71	orbital contribution to magnetic moments				
	72	**Revision/Problem Solving /Unit Test**				
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

29, 30 & 31 Dec 2023 & 1 Jan 2024 → Holidays
2 Jan 2024 to 6 Jan 2024 → Winter break.
22 Jan 2024 → Pran partishtha - Ram Mandir.

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- **Dr.Rahul Arya** Institute:- **Shri Ram College** Department:-**Basic Science**

Subject & Code :**Organic Synthesis-(PC331)** Semester :-VI Total Lecture:-48

SECTION-A

Session – 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Faculty Signature
I Unit (10)	1	Organometallic ReagentsPrinciple, preparations	15/4/24	15/4/24	Projector	
	2	properties and applications of Li, Mg,	16/4/24	16/4/24	"	
	3	Hg, Cd	17/4/24	16/4/24	"	
	4	Zn,Ce Compound	18/4/24	17/4/24		
	5	Transition metals Cu, Pd	22/4/24	17/4/24		
	6	Ni, Fe	22/4/24	18/4/24	"	
	7	Co, Rh	23/4/24	20/4/24	Black board	
	8	Cr and Ti Compounds	25/4/24	23/4/24		
	9	S, Si.	25/4/24	25/4/24		
	10	B and I compounds.				
Signed by →		(After Completion of the Unit) · Dean/Director :		HOD :		
II Unit (09)	11	Introduction. Different oxidative processes	29/4/24	25/4/24		
	12	Hydrocarbons- alkenes, aromatic rings,	30/4/24	29/4/24		
	13	saturated C-H groups (activated and unactivated).	1/5/24	30/4/24	Projector	
	14	Alcohols, diols, aldehydes,	2/5/24	1/5/24	"	
	15	ketones. ketals and carboxylic acids	6/5/24	1/5/24		
	16	Amines, Hydrazines and sulphides	7/5/24	2/5/24	"	
	17	Oxidation with ruthenium tetraoxide,	8/5/24	2/5/24		
	18	iodobenzene diacetate and	9/5/24	6/5/24		
	19	thallium (III) nitrate	9/5/24	6/5/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
III Unit (09)	20	Introduction. Different reductive processes.	13/5/24	7/5/24		
	21	Hydrocarbons- alkanes, alkenes	14/5/24	7/5/24	Projector	Extra class
	22	alkynes and aromatic rings.	15/5/24	7/5/24	"	"
	23	Carbonyl Compounds- aldehydes,	16/5/24	8/5/24	"	Extra class
	24	ketones, acids and their derivatives.	20/5/24	8/5/24		
	25	Epoxides, nitro,	20/5/24	9/5/24		
	26	nitroso, azo and	21/5/24	9/5/24		
	27	oxime groups	21/5/24	9/5/24		
	28	Problem Solving	"			
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
Unit No. (IV) 14	29	Rearrangements:General mechanistic	22/5/24	13/5/24	Projector	
	30	nature of migration, migratory aptitude	23/5/24	13/5/24		Extra class
	31	memory effects	27/5/24	13/5/24		Extra
	32	Pinacol-Pinnacolone	28/5/24	14/5/24		
	33	Wagner-Meerwin	29/5/24	14/5/24	Projector	
	34	Demjanov, benzyl-Benzilic acid	30/5/24	14/5/24		
	35	Favorskii	3/6/24	15/5/24		
	36	Arndt-Eistern synthesis	3/6/24	15/5/24		
	37	Neber, Beckmann	4/6/24	15/5/24		Extra class
	38	offman, Curtius,	5/6/24	20/5/24		Extra class
	39	H Schmidt, Baeyer Villiger, Shaprio reaction	6/6/24	20/5/24		Lab
	40	Barton, Chichibaben,	10/6/24	20/5/24		
	41	Hoffman-Lofler Freytag reaction,	11/6/24			
	42	Wittig reaction.	"			
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
nit No. (V) (	43	Metallocenes, Nonbenzenoid Aromatic	12/6/24	21/5/24		
	44	Polycyclic Aromatic Compounds:	13/6/24	21/5/24		Extra class
	45	synthesis and reactions of Ferrocene,	17/6/24	28/5/24		
	46	synthesis and reactions of Chrysene	18/6/24	28/5/24		
	47	synthesis and reactions of Azulene	19/6/24	29/5/24		Extra class
	48	Problem Solving	20/6/24	29/5/24		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM GROUP OF COLLEGES, MUZAFFARNAGAR

Name of Faculty:- Dr.Rahul Arya Institute:- Shri Ram College Department:-Basic Science

Subject & Code :-ORGANIC CHEMISTRY(0820202) Semester :- 2nd Total Lecture:- 60

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL		
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Mode of Teaching	Faculty Signature
I Unit (08)	1	The arenium ion mechanism	15/4/24	15/4/24	Projector	
	2	orientation and reactivity	16/4/24	15/4/24	〃	
	3	ortho/para ratio,	18/4/24	16/4/24	〃	
	4	ipso attack	20/4/24	18/4/24	〃	
	5	Diazonium coupling	22/4/24	18/4/24	〃	
	6	Vilsmeir reaction	23/4/24	20/4/24		
	7	Gattermann-Koch reaction	24/4/24	22/4/24		
	8	assignment	〃	〃		
Signed by →		(After Completion of the Unit) Dean/Director :		HOD		
II Unit (07)	9	Aromatic Nucleophilic Substitution	25/4/24	23/4/24		
	10	The SNAr, SN 1	26/4/24	24/4/24		
	11	benzyne and SRN 1 mechanisms	2/5/24	25/4/24	Chalk&board	
	12	Reactivity - effect of substratestructure, leaving	3/5/24	26/4/24	〃	
	13	The von Richter, Sommelet-Hauser	4/5/24	3/5/24	〃	
	14	Smiles rearrangements	4/5/24	4/5/24		
	15	assignment	〃			
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :		
III Unit (12)	16	Types of free radical reactions, ,	8/5/24	8/5/24	Projector	
	17	free radical substitution mechanism	9/5/24	8/5/24		
	18	mechanism at an aromatic substrate	10/5/24	8/5/24	〃	
	19	neighbouring group assistance.	11/5/24	9/5/24		
	20	Reactivity for aliphatic and aromatic substrates at a	15/5/24	9/5/24	〃	
	21	bridgehead. Reactivity in the attacking radicals	16/5/24	9/5/24		
	22	effect of solvents on reactivity. Allylic halogenations	17/5/24	10/5/24	〃	
	23	(NBS), oxidation of aldehydes to carboxylic acids	18/5/24	10/5/24		
	24	autooxidation, coupling of alkynes and arylation of	22/5/24	14/5/24		
	25	aromatic compounds by diazonium salts	23/5/24	14/5/24		
	26	Sandmeyer reaction. Free radical rearrangement.	24/5/24	15/5/24		
	27	Hunsdiecker reaction.				
Signed by →		(After Completion of the Unit) Dean/Director :		HOD :	15/5/24	
IV Unit (08)	28	Addition to Carbon-Carbon Multiple Bonds	25/5/24	18/5/24	Projector	
	29	Mechanistic& stereochemical aspects of addition rea	27/5/24	18/5/24	〃	
	30	involving electrophiles, nucleophiles and free radicals	28/5/24	18/5/24		
	31	regio- and chemoselectivity, orientation	28/5/24	17/5/24		
	32	reactivity. Addition to cyclopropane ring reactivity	28/5/24	17/5/24		
	33	Hydrogenation of double and triple bonds,	28/5/24	17/5/24		

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	34	hydrogenation of aromatic ring,Hydroboration	30/5/24	18/5/24	Progector	
	35	Michael reaction. Sharpless asymmetric epoxidation	31/5/24	18/5/24	"	
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	18/5/24	
V Unit (07)	36	The E2, E1mechanism and their spectrum	1/6/24	22/5/24	Progector	
	37	E1 CB mechanism and their spectrum	1/6/24	22/5/24	"	
	38	Orientation of the double bond.	5/6/24	23/5/24	"	
	39	Reactivity - effects of substrate structures	5/6/24	23/5/24	"	
	40	attacking base, the leaving group	6/6/24	23/5/24		
	41	Mechanism and orientation in pyrolytic elimination	6/6/24	28/5/24		
	42	**Revision/Problem Solving /Unit Test**				
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**	25/5/24	
VI Unit (18)	43	Molecular orbital symmetry	7/6/24	25/5/24	Progector	
	44	Frontier orbitals of ethylene, 1,3- butadiene	7/6/24	25/5/24		
	45	1,3,5-hexatriene and allyl system	7/6/24	27/5/24		
	46	Classification of pericyclic reactions	8/6/24	27/5/24		
	47	Woodward--Hoffmann correlation diagrams	8/6/24	28/5/24		
	48	FMO and PMO approach	12/6/24	28/5/24		
	49	Electrocyclic reactions - conrotatory and	13/6/24	29/5/24		
	50	disrotatory motions, 4n, 4n+2	13/6/24	29/5/24		
	51	and allyl systems	14/6/24	30/5/24		
	52	Cycloaddditions - antarafacial and	14/6/24	30/5/24		
	53	suprafacial additions, 4n and 4n+2 systems	15/6/24	31/5/24		
	54	2+2 addition of ketenes	15/6/24	31/5/24		
	55	1,3 dipolar cycloadditions and cheleotropic reactions	19/6/24	1/6/24		
	56	Sigmatropic rearrangements - suprafacial and	19/6/24	1/6/24		
	57	antarafacial shifts of H	20/6/24	5/6/24		
	58	3,3- and 5,5- Sigmatropic rearrangements	20/6/24	5/6/24		
	59	Claisen, Cope,	20/6/24	6/6/24		
	60	Sommelet Hauser Rearrangement,Ene Reaction				
Signed by →		(After Completion of the Unit) **Dean/Director**		**HOD :**	07/6/24	
V Unit (10)	61	Addition to Carbon-Hetero Multiple Bonds	21/6/24	7/6/24		
	62	Mechanism of metal hydride reduction of saturated ,	21/6/24	7/6/24		
	63	unsaturated carbonyl compounds,acids,esters, nitriles	22/6/24	8/6/24		
	64	Addition of Grignard reagents, organozinc and	22/6/24	12/6/24		
	65	org.Li reagents to carbonyl,unsaturated carbonylcomp.	24/6/24	12/6/24		Extra
	66	Wittig reaction. Mechanism of condensation reactions	24/6/24	13/6/24		
	67	involving enolates - Aldol, Knoevenagel	25/6/24	13/6/24		Extra
	68	Claisen, Mannich, Benzoin, Perkin	25/6/24	14/6/24		
	69	Stobbe reactions.Hydrolysis of esters and amides		14/6/24		
	70	ammonolysis of esters		15/6/24		
		Assignment				

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

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Signature of Faculty :

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Shri Ram College, Muzaffarnagar

Name of Faculty:- **Dr.Rahul Arya** Department:-**Basic Scie**

Subject & Code :**Organic Synthesis B &** :B020601T Semester :-**VI** Total -79

SECTION-A & D

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**
I Unit (08)	1	Reagent in organic Synthesis	20/3/24	20/3/24
	2	Oxidation with DDQ, CAN , SeO2	21/3/24	21/3/24
	3	mCBPA,Jones Oxidation,PCC,PDC	22/3/24	22/3/24
	4	PFC, Collin's reagent and ruthenium tetraoxide	26/3/24	26/3/24
	5	Reduction with $NaBH_4$, $LiAlH_4$	27/3/24	27/3/24
	6	Meerwein-Ponndorf-Verley reduction	28/3/24	29/3/24
	7	Wilkinson's catalyst,	29/3/24	30/3/24
	8	Birch reduction, DIBAL-H	30/3/24	1/04/24
	9	**Revision/Problem Solving /Unit Test**	1/4/24	01/04/24
Signed by →		(After Completion of the Unit) **Dean/Director :**	**HOD :**	
II Unit (05)	10	Organomagnesium compounds:	2/4/24	2/4/24
	11	Grignard reagents,formation, structure, chemical reactions.	3/4/24	3/4/24
	12	Organozinc compounds: formation, chemical reactions	4/4/24	3/4/24
	13	Organolithium compounds: formation, chemical reactions.	5/4/24	4/4/24
	14	**Revision/Problem Solving /Unit Test**	6/4/24	4/4/24
Signed by →		(After Completion of the Unit) **Dean/Director :**	**HOD :**	
III Unit (15)	15	Nomenclature and structure of the carbonyl groups,	8/4/24	5/4/24
	16	synthesis of aldehydes and ketones from-	9/4/24	6/4/24
	17	acidchlorides,synthesis of aldehydes&ketones uses 1,3dithianes	10/4/24	8/4/24
	18	synthesis ofketones from nitrites and from carboxylic acids	11/4/24	9/4/24
	19	Physical properties.Mechanism of nucleophillic additions to	12/4/24	10/4/24
	20	carbonyl group with particular emphasis on benzoin,	13/4/24	11/4/24
	21	aldol, Perkin and Knoevenagel	15/4/24	12/4/24
	22	Condensation with ammonia and its derivatives. Wittig reaction	16/4/24	13/4/24
	23	Mannich reaction,	17/4/24	15/4/24
	24	Oxidation of aldehydes, Cannizzaro reaction,	18/4/24	16/4/24
	25	MPV, Clemmensen, Wolff-Kishner,	19/4/24	18/4/24
	26	$LiAlH_4$ and $NaBH_4$ reductions.	20/4/24	20/4/24
	27	Halogenation of enolizable ketones	22/4/24	22/4/24
	28	An introduction to unsaturated aldehydes and Ketones.	23/4/24	23/4/24
	29	**Revision/Problem Solving /Unit Test**	24/4/24	26/4/24
Signed by →		(After Completion of the Unit) **Dean/Director :**	**HOD :**	
	30	Nomenclature&classification of aliphatic&ar. carboxylic acids	25/4/24	26/4/24
	31	Preparation & reaction of Carboxilic acid	26/4/24	27/4/24

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Hall – 23, 24, 25
CL – 28 march 2024

IV-Unit No.(12)	32	Acidity & salt formation, Mechanism of reduction,substitution	27/4/24	27/4/24
	33	Preparation and properties of dicarboxylic acids	29/4/24	27/4/24
	34	such as oxalic, malonic, succinic, glutaric,	30/4/24	29/4/24
	35	Adipic acid and phthalic acids	1/5/24	29/4/24
	36	Unsaturated acids such as acrylic, crotonic and cinnamic acids,	2/5/24	30/4/24
	37	Reactions: Action of heat on hydroxy and amino acid	3/5/24	1/5/24
	38	saturated dicarboxylicacids,stereospecific addition-maleic&fumaric	4/5/24	1/5/24
	39	Preparation and reactions of acid chlorides, acid anhydrides	6/5/24	4/5/24
	40	amides and esters	7/5/24	6/5/24
	41	Acid & alkaline hydrolysis ofesters, trans-esterification.	7/5/24	6/5/24
	42	**Revision/Problem Solving /Unit Test**		
Signed by →		(After Completion of the Unit) **Dean/Director** :	**HOD** :	
V- Unit (05)	43	Alkylation of diethyl malonate and ethyl acetoacetate	8/5/24	7/5/24
	44	Synthesis of ethyl aceto acetate,Claisen condensation	9/5/24	7/5/24
	45	Keto-enol tautomerism of ethyl acetoacetate.	10/5/24	10/5/24
	46	Alkylation of 1, 3-dithianes, Alkylation and acylation of enamines	11/5/24	10/5/24
	47	**Revision/Problem Solving /Unit Test**		11/5/24
Signed by →		(After Completion of the Unit) **Dean/Director** :	**HOD** :	
VI-Unit No-(14)	48	Preparation of nitroalkanes and nitroarenes& Chemical reac.	13/5/24	13/5/24
	49	Mechanisms of nucleophilic substitution in nitroarenes	14/5/24	13/5/24
	50	reductions in acidic, neutral and alkaline media, Picric acid	15/5/24	14/5/24
	51	Halonitroarenes: reactivity	16/5/24	15/5/24
	52	Structure and nomenclature of amines, physical properties,	17/5/24	16/5/24
	53	Stereochemistry of amines	18/5/24	16/5/24
	54	Separation of a mixture of primary, secondary and tertiary amines.	20/5/24	17/5/24
	55	basicity of amines. Amine salts as phase-transfer catalysts	20/5/24	18/5/24
	56	Preparation of alkyl and aryl amines	21/5/24	20/5/24
	57	reductive amination of aldehydic and ketonic	22/5/24	20/5/24
	58	Gabriel phthalimide reaction, Hofmann bromamide reaction	23/5/24	20/5/24
	59	Electrophilic aromatic subst.in aryl amine	24/5/24	20/5/24
	60	aryl diazonium salts, azo coupling	25/5/24	
	61	**Revision/Problem Solving /Unit Test**		
Signed by →		(After Completion of the Unit) **Dean/Director** :	**HOD** :	
VII Unit (12)	62	Molecular orbital picture and aromatic characteristics of pyrrole,	27/5/24	27/5/24
	63	furan, thiophene and pyridine	28/5/24	27/5/24
	64	Methods of synthesis and chemical reactions	29/5/24	27/5/24
	65	Mechanism of electrophilic substitution,	30/5/24	27/5/24
	66	Mechanism of nucleophilic substitution reaction in pyridine	31/5/24	28/5/24
	67	Comparison of basicity of pyridine, piperidine and pyrrole	1/6/24	29/5/24
	68	Preparation and reactions of indole, quinoline&isoquinoline	3/6/24	28/5/24
	69	special reference to Fisher indole synthesis, Skraup synthesis	4/6/24	29/5/24
	70	Bischler-Nepieralski synthesis	5/6/24	29/5/24
	71	Mechanism of electrophilic substitution reactions of indole,	6/6/24	29/5/24
	72	quinoline and isoquinoline		29/5/24
	73	**Revision/Problem Solving /Unit Test**		
		(After Completion of the Unit) **Dean/Director** :	**HOD** :	

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VIII Unit (06)	74	**Alkaloids & Terpene** Natural occurrence,General structure	7/6/24	8/8/24
	75	physiological action, Hoffmann's exhaustive methylation,	8/6/24	8/8/24
	76	Emde's modification;Medicinal importance of Nicotine	10/6/24	8/8/24
	77	Hygrine, Quinine, Morphine, Cocaine, and Reserpine	11/6/24	30/8/24
	78	Natural Occurrence and classification of terpenes, isoprene rule.	12/6/24	
	79	**Revision/Problem Solving /Unit Test**		
Signed by →		(After Completion of the Unit) **Dean/Director :**		**HOD :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- Dr. Reetu Pudir Institute:- SRC Department:- Basic Science

Subject & Code: Zoology (0420501) Year & Semester :- IV sem Total Lecture:- 85

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (11)	1	Principle of gene manipulation	19-Mar-24	19/03/24	
	2	Recombinant DNA Technology	20-Mar-24	20/03/24	
	3	Continued	21-Mar-24	20/03/24	
	4	Selection and identification of recombinant cells	22-Mar-24	21/03/24	
	5	Continued	23-Mar-24	22/03/24	
	6	Restriction Enzymes, DNA modifying enzymes	26-Mar-24	23/03/24	
	7	Cloning Vectors, Ligation	27-Mar-24	26/03/24	
	8	Gene transfer techniques	28-Mar-24	27/03/24	
	9	Continued	29-Mar-24	28/03/24	
	10	, Gene therapy	30-Mar-24	30/03/24	
	11	Test ,assignment ,Revesion	1-Apr-24	30/03/24	
Signed by →		(After Complete the Unit) Faculty:	HOD : Prof.	Dean/Director :	
Unit II (10)	12	Applications of Genetic Engineering	2-Apr-24	2/04/24	
	13	Single cell proteins	3-Apr-24	02/04/24	arrangement
	14	Continued	4-Apr-24	03/04/24	
	15	Biosensors	5-Apr-24	04/04/24	
	16	Crop and livestock improvement	6-Apr-24	05/04/24	
	17	of transgenics	8-Apr-24	06/04/24	
	18	Development of DNA drugs and vaccines	9-Apr-24	08/04/24	
	19	Continued	10-Apr-24	08/04/24	extra lecture
	20	Continued	12-Apr-24	09/04/24	
	21	Test ,assignment ,Revesion	13-Apr-24	10/04/24	
Signed by →		(After Complete the Unit) Faculty:	HOD : Prof.	Dean/Director :	
Unit III (12)	22	DNA Diagnostics	15-Apr-24	11/04/24	
	23	Continued	16-Apr-24	12/04/24	
	24	Genetic analysis of human diseases,	18-Apr-24	13/04/24	
	25	Continued	19-Apr-24	15/04/24	extra lecture
	26	detection of known and unknown mutations □	20-Apr-24	15/04/24	
	27	Continued	22-Apr-24	16/04/24	
	28	Continued	23-Apr-24	17/04/24	
	29	Concept of pharmacogenomics and	24-Apr-24	18/04/24	
	30	Continued	25-Apr-24	18/04/24	extra lecture
	31	pharmacogenetics	26-Apr-24	19/04/24	
	32	Continued	27-Apr-24	20/04/24	
	33	Test , Assignment,Revesion	29-Apr-24	20/04/24	arrangement
Signed by →		(After Complete the Unit) Faculty:	HOD : Prof.	Dean/Director :	
Unit IV (16)	34	Immune System and its Components	30-Apr-24	22/04/24	
	35	Historical perspective of Immunology	1-May-24	23/04/24	
	36	Innate and Adaptive Immunity	2-May-24	24/04/24	
	37	Continued	3-May-24	25/04/24	
	38	clonal selection,	4-May-24	26/04/24	
	39	complement system	6-May-24	27/04/24	
	40	immunoglobulins	7-May-24	29/04/24	
	41	continued	8-May-24	29/04/24	arrangement
	42	, Hypersensitivity	9-May-24	30/04/24	

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	43	Humoral immunity	10-May-24	1/05/24	
	44	cell mediated immunity	11-May-24	1/05/24	
	45	molecules	13-May-24	02/05/24	
	46	continued	14-May-24	03/05/24	
	47	continued	15-May-24	04/05/24	
	48	continued	16-May-24	06/05/24	
	49	Test, Assignment,Revision	17-May-24	07/05/24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit V (07)	50	Calculations of mean, median, mode	18-May-24	07/05/24	
	51	variance	20-May-24	08/05/24	
	52	standard deviation	21-May-24	09/05/24	
	53	Concepts of coefficient of variation,	22-May-24	10/05/24	
	54	Skewness, Kurtosis □	23-May-24	11/05/24	
	55	Elementary idea of probability and application	24-May-24	13/05/24	
	56	Test, Assignment,Revision	25-May-24	14/05/24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VI (10)	57	Biostatistics II	27-May-24	15/05/24	
	58	Data summarizing: frequency distribution	28-May-24	16/05/24	
	59	graphical presentation—bar, pie diagram,	29-May-24	17/05/24	
	60	continued	30-May-24	17/05/24	
	61	continued	31-May-24	18/05/24	
	62	continued	1-Jun-24	20/05/24	
	63	continued	3-Jun-24	21/05/24	
	64	Tests of significance: one and two sample tests, t-	4-Jun-24	21/05/24	extra classes
	65	Chi-square test	5-Jun-24	22/05/24	
	66	Test, Assignment,Revision	6-Jun-24	23/05/24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VII (09)	67	Basics of Computers	7-Jun-24	24/05/24	
	68	Basics (CPU, I/O units)	8-Jun-24	25/05/24	
	69	operating systems	10-Jun-24	27/05/24	
	70	Concept of homepages and websites	11-Jun-24	28/05/24	
	71	World Wide Web, URLs, using search engines	12-Jun-24	29/05/24	
	72	continued	13-Jun-24	30/05/24	
	73	continued	14-Jun-24	31/05/24	
	74	continued	15-Jun-24	31/05/24	
	75	Test, Assignment,Revision	17-Jun-24	31/05/24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VIII (10)	76	Bioinformatics	18-Jun-24	01/06/24	
	77	Databases: nucleic acids, genomes,	19-Jun-24	01/06/24	
	78	protein sequences and structures	20-Jun-24	03/06/24	
	79	, Bibliography	21-Jun-24	03/06/24	
	80	multiple sequence alignments-BLAST	22-Jun-24	04/06/24	
	81	continued	24-Jun-24	04/06/24	complete
	82	continued	25-Jun-24	05/06/24	
	83	CLUSTALW	26-Jun-24	05/06/24	
	84	Phylogenetic analysis	27-Jun-24	05/06/24	
	85	Test, Assignment,Revision	28-Jun-24	05/06/24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Dr. Reetu Pundir Institute:- SRC Department:- Basic Science

Subject & Code: Cytology, Genetics and Infectious Diseases (0120580) Year & Semester :- B.Sc. CBZ I sem Total Lecture:- 96

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (15)	1	Basic principles of heridity	11-Sep-23	11 Sep 2023	
	2	Mendle's Law	12-Sep-23	12 | Sep | 23	
	3	continued	13-Sep-23	13 | Sep | 23	
	4	continued	14-Sep-23	14 | Sep | 23	
	5	continued	15-Sep-23	15 | Sep | 23	
	6	Monohybrid and Dihybrid Cross	16-Sep-23	16 | Sep | 23	
	7	Complete and Incomplete Dominance	18-Sep-23	18 | Sep | 23	
	8	Clinical Expression-Penentrance and Expressivity	19-Sep-23	18 | Sep | 23	exhalecter
	9	Genic sex determination System	20-Sep-23	19 | Sep | 23	
	10	Environmental Sex Determination System	21-Sep-23	20 | Sep | 23	
	11	Sex Determination System with example Of	22-Sep-23	21 | Sep | 23	
	12	Sex linked Character	23-Sep-23	22 | Sep | 23	
	13	Continued	25-Sep-23	23 | Sep | 23	
	14	Dosage Compensation	26-Sep-23	25 | Sep | 23	
	15	Test ,assignment ,Revesion	27-Sep-23	25 Sep 2023	extra
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit II (15)	16	Multiple Alleles	29-Sep-23	26 | Sep | 23	
	17	Gene Intraction	30-Sep-23	27 | Sep | 23	
	18	continued	3-Oct-23	28 | Sep | 23	
	19	Sex influenced and Sex limited Character	4-Oct-23	29 | Sep | 23	30 sep. onle
	20	Character	5-Oct-23	03 Oct 2023	1 Oct = Sund. 2 Oct - Gayanti
	21	Continued	6-Oct-23	04 | 10 | 23	
	22	Cytoplasmic Inheritance	7-Oct-23	05 | 10 | 23	
	23	Continued	9-Oct-23	05 | 10 | 23	arrangement
	24	MaternalEffect	10-Oct-23	06 | 10 | 23	
	25	Continued	11-Oct-23	07 | 10 | 23	
	26	Environmental Effect On gene Expres.	12-Oct-23	09 | 10 | 23	
	27	Inheritance of Contiguous Character	13-Oct-23	10 | 10 | 23	
	28	Continued	14-Oct-23	11 | 10 | 23	
	29	**continued**	16-Oct-23	12 | 10 | 23	
	30	**Test , Assignment,Revesion**	17-Oct-23	12 | 10 | 23	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
	31	Human Karyotype	18-Oct-23	13 | 10 | 23	
	32	Continued	19-Oct-23	14 | 10 | 23	
	33	Chromosomal Abnormalities	20-Oct-23	18 | 10 | 23	
	34	Continued	21-Oct-23	19 | 10 | 23	

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Unit III (16)	35	Structural and Numerical Aberration	25-Oct-23	20 Oct 23	
	36	Continued	26-Oct-23	21 Oct 23	
	37	Continued	27-Oct-23	25 Oct 23	
	38	Continued	28-Oct-23	25 Oct 23	extra lecture
	39	Pedigree Analysis	30-Oct-23	26 Oct 23	
	40	Continued	31-Oct-23	26 Oct 23	arrangement
	41	Pattern of inheritance	1-Nov-23	27 Oct 23	
	42	Auto.Dominant and Auto. Recessive	2-Nov-23	28 Oct 23	
	43	Continued	3-Nov-23	31 Oct 23	
	44	X-linked recessive	4-Nov-23	01 Nov 23	
	45	**X- linked Domiment**	6-Nov-23	01 Nov 23	
	46	**Test, Assignment,Revision**	7-Nov-23	01 Nov 23	extra lect
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit IV (09)	47	Introduction to pathogenic organism	8-Nov-23	02 Nov 23	
	48	Viruse ,Bacteria ,Fungi,Protozoa	9-Nov-23	03 Nov 23	04 (Zoo Pract II sem)
	49	Continued	16-Nov-23	06 Nov 23	extra lect (B.Sc)
	50	worms	17-Nov-23	07 Nov 23	EXT (Bot Pract)
	51	Structure ,life Cycle and Pathogenicity	18-Nov-23	08 Nov 23	
	52	**Trypanosoma**	20-Nov-23	08 Nov 23	10 Nov-15 Nov Diwali
	53	**continued**	21-Nov-23	09 Nov 23	
	54	**Giardia**	22-Nov-23	16 Nov 23	
	55	**Test, Assignment,Revision**	23-Nov-23	16 Nov 23	extra
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit V (10)	56	Plasma Membrane	24-Nov-23	17 Nov 23	
	57	Chemical Structure- Lipids & Proteins	25-Nov-23	18 Nov 23	
	58	Continued	28-Nov-23	23 Nov 23	
	59	Continued	29-Nov-23	23 Nov 23	
	60	Continued	30-Nov-23	24 Nov 23	
	61	Endomembtrane System	1-Dec-23	25 Nov 23	
	62	Protein Targetting & Sorting Transport	2-Dec-23	30 Nov 23	
	63	Continued	4-Dec-23	30 Nov 23	
	64	Introduction to Famous Biologist	5-Dec-23	30 Nov 23	
	65	Test, Assignment, Revesion	6-Dec-23	30 Nov 23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit VI (10)	66	Structure & Function of Cell Organelles	7-Dec-23	01 12 23	
	67	Continued	8-Dec-23	01 12 23	
	68	Cycloskeletons; Microtubules, Microfilaments	9-Dec-23	02 12 23	
	69	Mitochondria: Structuire & Function	11-Dec-23	02 12 23	
	70	Oxidative Phosphorylation	12-Dec-23	07 12 23	
	71	Electron Transport System	13-Dec-23	08 12 23	
	72	Continued	14-Dec-23	09 12 23	
	73	Ribosome : Structure & Function	15-Dec-23	14 12 23	
	74	Continued	16-Dec-23	15 12 23	
	75	Test, Assignment, Revesion	18-Dec-23	16 12 23	

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Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VII (10)	76	Nucleus & Chromatin Structure	19-Dec-23	21/12/23	
	77	Continued	20-Dec-23	22/12/23	
	78	Chemical Structure of DNA & RNA	21-Dec-23	23/12/23	
	79	DNA Supercoling	22-Dec-23	23/12/23	
	80	Continued	23-Dec-23	28	
	81	Chromatin Organization	26-Dec-23	28	Arrangement
	82	Structure of Chromosome	27-Dec-23	29	
	83	Continued	28-Dec-23	29	
	84	Types of DNA & RNA	29-Dec-23	28	
	85	Test, Assignment, Revesion	30-Dec-23	28/12/23	
Signed by →		(After Complete the Unit) Faculty:	HOD : Pooja	Dean/Director :	
Unit VIII (11)	86	Cell Cycle & Cell Division	1-Jan-24	08/01/24	
	87	Continued	2-Jan-24	08/01/24	
	88	Continued	3-Jan-24	09/01/24	
	89	Apoptosis	4-Jan-24	10/01/24	
	90	Signal Transduction	5-Jan-24	10/01/24	
	91	Continued	6-Jan-24	11/01/24	
	92	Continued	8-Jan-24	12/01/24	
	93	Continued	9-Jan-24	12/01/24	
	94	Cell- Cell Interaction	10-Jan-24	13/01/24	
	95	Continued	11-Jan-24	13/01/24	
	96	Test, Assignment, Revesion	12-Jan-24	13/01/24	Complete
Signed by →		(After Complete the Unit) Faculty:	HOD : Pooja	Dean/Director :	

Approved By :
Signature of Dean/Director :

Checked By: Pooja
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

QIP-2

Name of Faculty:- Dr. Reetu Pundir Institute:- SRC Department:- Basic Science

Subject & Code: Cytology, Genetics and Infectious Diseases (0120580) Year & Semester :- B.Sc. CBZ I sem Total Lecture:- 96

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (15)	1	Basic principles of heridity	11-Sep-23	11 Sep 2023	
	2	Mendle's Law	12-Sep-23	12 sep 23	
	3	continued	13-Sep-23	13 sep 23	
	4	continued	14-Sep-23	14 sep 23	
	5	continued	15-Sep-23	15 sep 23	
	6	Monohybrid and Dihybrid Cross	16-Sep-23	16 sep 23	
	7	Complete and Incomplete Dominance	18-Sep-23	18 sep 23	
	8	Clinical Expression-Penentrance and Expressivity	19-Sep-23	19 sep 23	
	9	Genic sex determination System	20-Sep-23	19 sep 23	extra
	10	Environmental Sex Determinat[illegible] System	21-Sep-23	20 sep 23	
	11	Sex Determination System with example Of	22-Sep-23	21 sep 23	
	12	Sex linked Character	23-Sep-23	22 sep 23	
	13	Continued	25-Sep-23	23 sep 23	
	14	Dosage Compensation	26-Sep-23	25 sep 23	
	15	Test ,assignment ,Revesion	27-Sep-23	25 Sep 2023	extra
Signed by →		(After Complete the Unit) Faculty :	HOD :	Dean/Director :	
Unit II (15)	16	Multiple Alleles	29-Sep-23	26 | 10 | 23	
	17	Gene Intraction	30-Sep-23	27 | 10 | 23	
	18	continued	3-Oct-23	28 | 10 | 23	
	19	Sex influenced and Sex limited Character	4-Oct-23	29 | 10 | 23	30 sep online
	20	Character	5-Oct-23	03 Oct 2023	[01,02 oct Holy]
	21	Continued	6-Oct-23	04 | 10 | 23	
	22	Cytoplasmic Inheritance	7-Oct-23	05 | 10 | 23	
	23	Continued	9-Oct-23	06 | 10 | 23	
	24	MaternalEffect	10-Oct-23	07 | 10 | 23	
	25	Continued	11-Oct-23	09 | 10 | 23	
	26	Environmental Effect On gene Expres.	12-Oct-23	10 | 10 | 23	
	27	Inheritance of Contiguous Character	13-Oct-23	11 | 10 | 23	
	28	Continued	14-Oct-23	12 | 10 | 23	
	29	continued	16-Oct-23	16 | 10 | 23	
	30	Test , Assignment,Revesion	17-Oct-23	16 | 10 | 23	extra lect
Signed by →		(After Complete the Unit) Faculty :	HOD :	Dean/Director :	
	31	Human Karyotype	18-Oct-23	17 | 10 | 23	
	32	Continued	19-Oct-23	18 | 10 | 23	
	33	Chromosomal Abnormalities	20-Oct-23	19 | 10 | 23	
	34	Continued	21-Oct-23	19 | 10 | 23	extra lect

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Unit III (16)	35	Structural and Numerical Aberration	25-Oct-23	21 | 10 | 23	
	36	Continued	26-Oct-23	21 | 10 | 23	extra
	37	Continued	27-Oct-23	25 | 10 | 23	
	38	Continued	28-Oct-23	26 | 10 | 23	
	39	Pedigree Analysis	30-Oct-23	26 | 10 | 23	arrangemen
	40	Continued	31-Oct-23	27 | 10 | 23	
	41	Pattern of inheritance	1-Nov-23	28 | 10 | 23	
	42	Auto.Dominant and Auto. Recessive	2-Nov-23	28 | 10 | 23	extra
	43	Continued	3-Nov-23	31 | 10 | 23	
	44	X-linked recessive	4-Nov-23	31 | 10 | 23	
	45	**X- linked Domiment**	6-Nov-23	01 NOV 23	
	46	**Test, Assignment,Revision**	7-Nov-23	01 NOV 23	04 NOV (Zoo prac) IIsem
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit IV (09)	47	Introduction to pathogenic organism	8-Nov-23	02 NOV 23 arrange (Bot practical)	
	48	Viruse ,Bacteria ,Fungi,Protozoa	9-Nov-23	03 NOV 23 arrangement (Bot Pra	
	49	Continued	16-Nov-23	06 NOV 23	
	50	worms	17-Nov-23	07 NOV 23	10-15 NOV Diwali)
	51	Structure ,life Cycle and Pathogenicity	18-Nov-23	08 NOV 23	
	52	**Trypanosoma**	20-Nov-23	08 NOV 23	
	53	**continued**	21-Nov-23	09 NOV 23	
	54	**Giardia**	22-Nov-23	16 NOV 23	
	55	**Test, Assignment,Revision**	23-Nov-23	16 NOV 23	extra
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit V (10)	56	Plasma Membrane	24-Nov-23	17 | NOV | 23	
	57	Chemical Structure- Lipids & Proteins	25-Nov-23	18 | NOV | 23	
	58	Continued	28-Nov-23	20 | NOV | 23	
	59	Continued	29-Nov-23	20 | NOV	arrange
	60	Continued	30-Nov-23	21 | NOV | 23	
	61	Endomembtrane System	1-Dec-23	22 | NOV | 23	
	62	Protein Targetting & Sorting Transport	2-Dec-23	27 | NOV | 23	
	63	Continued	4-Dec-23	28 | NOV | 23	
	64	Introduction to Famous Biologist	5-Dec-23	28 | NOV | 23	
	65	Test, Assignment, Revesion	6-Dec-23	29 | NOV | 23	
Signed by →		(After Complete the Unit) **Faculty:**	**HOD :**	**Dean/Director :**	
Unit VI (10)	66	Structure & Function of Cell Organelles	7-Dec-23	04 | Dec | 23	
	67	Continued	8-Dec-23	04 | Dec | 23	
	68	Cycloskeletons; Microtubules, Microfilaments	9-Dec-23	05 | Dec | 23	
	69	Mitochondria: Structuire & Function	11-Dec-23	06 | Dec | 23	
	70	Oxidative Phosphorylation	12-Dec-23	11 | Dec | 23	
	71	Electron Transport System	13-Dec-23	12 | Dec | 23	
	72	Continued	14-Dec-23	13 | Dec | 23	
	73	Ribosome : Structure & Function	15-Dec-23	13 | Dec | 23	
	74	Continued	16-Dec-23	18 | Dec | 23	
	75	Test, Assignment, Revesion	18-Dec-23	19 | Dec | 23	

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Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VII (10)	76	Nucleus & Chromatin Structure	19-Dec-23	20 | 12 | 23	
	77	Continued	20-Dec-23	26 | 12 | 23	
	78	Chemical Structure of DNA & RNA	21-Dec-23	26 | 12 | 23	
	79	DNA Supercoling	22-Dec-23	27 | 12 | 23	
	80	Continued	23-Dec-23	28	
	81	Chromatin Organization	26-Dec-23	28	arranged
	82	Structure of Chromosome	27-Dec-23	28	
	83	Continued	28-Dec-23	28	
	84	Types of DNA & RNA	29-Dec-23	28	arranged
	85	Test, Assignment, Revesion	30-Dec-23	28 | 12 | 23	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VIII (11)	86	Cell Cycle & Cell Division	1-Jan-24	08 | 01 | 24	
	87	Continued	2-Jan-24	08 | 01 | 24	
	88	Continued	3-Jan-24	09 | 01 | 24	
	89	Apoptosis	4-Jan-24	09 | 01 | 24	
	90	Signal Transduction	5-Jan-24	10 | 01 | 24	
	91	Continued	6-Jan-24	10 | 01 | 24	
	92	Continued	8-Jan-24	11 | 01 | 24	
	93	Continued	9-Jan-24	11 | 01 | 24	
	94	Cell- Cell Interaction	10-Jan-24	12 | 01 | 24	
	95	Continued	11-Jan-24	13 | 01 | 24	
	96	Test, Assignment, Revesion	12-Jan-24	13 | 01 | 24	arranged
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR				QIP-2A	
Name of Faculty:-Anjali Goyal		Institute:- Shri Ram College		Department:-Basic Science	
Subject & Code :-Differential Calculus & Integral Calculus(B030101T)				Sem : 1	
Lectures Alloted:70				Session: 2023-24	

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (12)	1	**Differential Calculus**	11-Sep-23	11-09-23	
	2	Introduction	12-Sep-23	12-09-23	
	3	Limit, Continuity & Differentiability	13-Sep-23	13-09-23	
	4	Cauchy' s definition, Uniform Continuity	14-Sep-23	14-09-23	Pooja 15/9/23
	5	Boundedness theorem,Intermediate value theorem	15-Sep-23	15-09-23	
	6	Extreme value & Darboux' s intermediate	16-Sep-23	18-09-23	
	7	Neighbourhod of a point,Bounded Set	18-Sep-23	18-09-23	extra class
	8	Unbounded Set ,Intervals(Open & Closed)	19-Sep-23	19-09-23	
	10	Limit point of set, Isolated Point	20-Sep-23	20-09-23	
	11	**Revision/Problem Solving /Test**	21-Sep-23	21-09-23	
	12	**Assignment**	22-Sep-23	22-09-23	
Signed by →		(After Complete the Unit) **Faculty:**		**HOD :** Pooja 26/9/23 **Dean/Director**	
III Unit (10)	14	Rolle' s theorem,Lagrange's theorem	23-Sep-23	23-09-23	
	15	Cauchy Mean value &Taylor' s theorem	25-Sep-23	26-09-23	
	16	Successsive differentiation	26-Sep-23	27-09-23	
	17	Leibnitz theorem	27-Sep-23	29-09-23	
	18	Maclaurin's & Taylor' s series	29-Sep-23	30-09-23	
	19	Partial differentiation	30-Sep-23	30-09-23	
	20	Euler' s theorem on Homogeneous	3-Oct-23	3-10-23	
	21	**Problem Solving/ Assignment**	4-Oct-23	4-10-23	
	22	**Assignment**	5-Oct-23	5-10-23	
Signed by →		(After Complete the Unit) **Faculty:**		**HOD :** Pooja **Dean/Director :**	
III Unit (08)	23	Tangent & Normal	6-Oct-23	6-10-23	
	24	Tangent & Normal ,Asymptotes	7-Oct-23	7-10-23	
	25	Curvature, Envelops & Evolutes	9-Oct-23	9-10-23	
	26	Tests for concavity & convexity	10-Oct-23	10-10-23	
	27	Point of inflexion, Multiple Points	11-Oct-23	11-10-23	
	28	Tracing of curves in Cartesian & Polar form	12-Oct-23	12-10-23	
	29	**Revision/Problem Solving /Test**	13-Oct-23	13-10-23	
	30	**Assignment**	14-Oct-23	14-10-23	

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Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director	
IV Unit (11)	31	Sequence,Bounded & monotonic sequenc	16-Oct-23	16-10-23	
	32	Cauchy's convergence criterion	17-Oct-23	17-10-23	
	33	Cauchy sequence , limit sup-inf, Subseqence	18-Oct-23	18-10-23	
	34	Cauchy's convergence ,Series of non - negative term	19-Oct-23	19-10-23	
	35	Convergence and divergence , Comparision Test, Cauchy' s integral test	20-Oct-23	20-10-23	
	36	Ratio test,Cauchy' s integral test,Ratio test	21-Oct-23	21-10-23	
	37	Root test,Raabe's log test,de Morgan' s test	25-Oct-23	25-10-23	
	38	Bertrand 's tests, Alternating series	26-Oct-23	26-10-23	
	39	Leibitz' s theorem ,Absolute and conditinonal convergence	27-Oct-23	27-10-23	
	40	**Revision/Problem Solving /Test**	28-Oct-23	28-10-23	
	41	**Assignment**	30-Oct-23	30-10-23	

Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director	
V Unit (09)	42	**Integral Calculus**	31-Oct-23	31-10-23	
	43	Lower-Upper Riemann Sum	1-Nov-23	1-11-23	
	44	Lower- Upper Riemann Intergral	2-Nov-23	2-11-23	
	45	Riemann integrable function, Continuous & monotonic function	3-Nov-23	3-11-23	
	46	Fundamental theorem of Integral Calculus	4-Nov-23	4-11-23	
	47	Mean value the of integral calculuorem	6-Nov-23	7-11-23	
	48	Differentiation under the sign of Integrati	7-Nov-23	8-11-23	
	49	**Revision/Problem Solving /Test**	8-Nov-23	8-11-23	Extra class
	50	**Assignment**	9-Nov-23	9-11-23	

Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director	
VI Unit(08)	51	Improper Integral & their classsification	16-Nov-23	16-11-23	
	52	Comparision test,u- Test	17-Nov-23	20-11-23	
	53	Quotient ,Dirichlet, Abel's Test	18-Nov-23	21-11-23	
	54	Beta & Gamma function	20-Nov-23	29.11.23	
	55	**Revision/Problem Solving /Test**	21-Nov-23	22.11.23	Extra Class
	56	**Assignment**	22-Nov-23	23-11-23	

Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
VII Unit(03)	57	Tangent & Normal	23-Nov-23	23.11.23	Extra Class
	58	Asymptotes,Curvature	24-Nov-23	24.11.23	
	59	Envelops & Evolutes	25-Nov-23	25.11.23	
	60	Tests for concavity & convexity	27-Nov-23	27.11.23	
	61	Point of inflexion, Multiple Points	28-Nov-23	30.11.23	to Holiday

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	62	Revision/Problem Solving /Test	29-Nov-23	4.12.23	
	63	Assignment	30-Nov-23	9.12.23	Extra class
Signed by →		(After Complete the Unit) **Faculty:**		**HOD :**	**Dean/Director :**
VIII Unit (09)	64	Vector Differentiation ,Gradient	1-Dec-23	5.12.23	
	65	Divergence & Curl	02-Dec-23	6.12.23	
	66	Normal on surface, Directinal Derivative	04-Dec-23	7.12.23	
	67	Vector Integration, Gauss & Green	05-Dec-23	7.12.23	Extra class
	68	Stoke Theorem & related problems	06-Dec-23	11.12.23	
	68	Problem Solving/ Assignment	07-Dec-23	11.12.23	Extra class
	70	Assignment	08-Dec-23	18.12.23	due to interna
Signed by →		(After Complete the Unit) **Faculty:**		**HOD :**	**Dean/Director :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Anjali Goyal
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

SESSION 2023-24

Name of Faculty:- Anjali Chaudhary Institute:- SRC. Department:-Basic Scienc

Subject&Code: Matrices and Differential Equations&Geometry(0220301) Year&Semester:-I(IInd sem) Total Lec

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signatur
	1	Introduction	20-Mar-24	20-Mar-24	
	2	Types of Matrices	21-Mar-24	21-March-24	
	3	Elementary operations on Matrices	22-Mar-24	22-March-24	
	4	Rank of a Matrix	23-Mar-24	26-March-24	
	5	Echelon form of a Matrix	26-Mar-24	27-March-24	
	6	Normal form of a Matrix	27-Mar-24	28-March-24	
U.. .I	7	Inverse of a Matrix by elementary operations	28-Mar-24	29-March-24	
	8	System of linear homogeneous	29-Mar-24	30-March-24	
	9	non-homogeneous equations	30-Mar-24	1-Apr-24	
	10	Theorems on consistency of a system of linear equations	1-Apr-24	2-Apr-24	
	11	**Revision\Assignment**	2-Apr-24	4-Apr-24	
	12	**Unit test**	3-Apr-24	5-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :** 5/4/24	
	13	Introduction	4-Apr-24	4-Apr-24	
	14	Eigen values	5-Apr-24	5-Apr-24	
	15	Eigen vectors and characteristic equation of a matrix	6-Apr-24	6-Apr-24	
	16	Caley-Hamilton theorem	8-Apr-24	8-Apr-24	
	17	its use in finding inverse of a matrix	9-Apr-24	9-Apr-24	
Unit II	18	Complex functions	10-Apr-24	10-Apr-24	
	19	separation into real and imaginary parts	11-Apr-24	12-Apr-24	
	20	Exponential and Logarithmic functions Inverse trigonometric	12-Apr-24	13-Apr-24	
	21	hyperbolic functions	13-Apr-24	15-Apr-24	
	22	**Revision\Assignment**	15-Apr-24	16-Apr-24	
	23	**Unit test**	16-Apr-24	18-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	24	Introduction	17-Apr-24	22-Apr-24	
	25	Formation of differential equations	18-Apr-24	23-Apr-24	
	26	Geometrical meaning of a differential equation	19-Apr-24	24-Apr-24	
	27	Equation of first order and first degree	20-Apr-24	25-Apr-24	
	28	Equation in which the variables are separable	22-Apr-24	26-Apr-24	
Unit III	29	Homogeneous equations	23-Apr-24	27 Apr-24	

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30	Exact differential equations	24-Apr-24	29-Apr-24	
31	equations reducible to the exact form	25-Apr-24	30-Apr-24	
32	Linear equations	26-Apr-24	1-May-24	
33	**Revision\Assignment**	27-Apr-24	2-May-24	
34	**Unit test**	29-Apr-24	3-May-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	
35	Introduction	30-Apr-24	4-May-24	
36	First order higher degree equations solvable for x, y, p.	1-May-24	9-May-24	Internals
37	Clairaut's equation	2-May-24	10-May-24	
38	singular solutions	3-May-24	11-May-24	
39	orthogonal trajectories	4-May-24	14-May-24	
Unit IV 40	Linear differential equation of order greater than one with constant coefficients	6-May-24	14-May-24	
41	Cauchy- Euler form	7-May-24	16-May-24	
42	**Revision\Assignment**	8-May-24	16-May-24	
43	**Unit test**	9-May-24	17-May-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	
44	Introduction	10-May-24	18-May-24	
45	General equation of second degree	11-May-24	20-May-24	
46	System of conics	13-May-24	21-May-24	
Unit V 47	Tracing of conics	14-May-24	22-May-24	
48	Confocal conics in two dimentional geometry	15-May-24	23-May-24	
49	**Revision\Assignment**	16-May-24	24-May-24	
50	**Unit test**	17-May-24	24-May-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	
51	Introduction	18-May-24	25-May-24	
52	Three-Dimensional Coordinates	20-May-24	28-May-24	
53	Projection and Direction Cosine	21-May-24	25-May-24	
Unit VI 54	Plane (Cartesian and vector form)	22-May-24	27-May-24	
55	Straight line in three dimension	23-May-24	27-May-24	
56	**Revision\Assignment**	24-May-24	27-May-24	
57	**Unit test**	25-May-24	28-May-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	
58	Introduction	27-May-24	28-May-24	
59	Sphere	28-May-24	28-May-24	
Unit VII 60	Cone	29-May-24	28-May-24	
61	with related problems	30-May-24	28-May-24	
62	**Revision\Assignment**	31-May-24	28-May-24	
63	**Unit test**	1-Jun-24		
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	
64	Introduction	3-Jun-24	28-May-24	

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	65	Cylinder	4-Jun-24	28-May-24	
	66	Central conicoids	5-Jun-24	29-May-24	
	67	Paraboloids	6-Jun-24	29-May-24	
Unit VIII	68	Plane section of conicoids	7-Jun-24	29-May-24	
	69	Generating lines	8-Jun-24	30-May-24	
	70	Confocal conicoids	10-Jun-24	30-May-24	
	71	**Revision\Assignment**	11-Jun-24	30-May-24	
	72	**Unit test**	12-Jun-24	30-May-24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Anjali Chaudhary | Institute:- SRC. | Department:-Basic Science
Subject&Code: Fluid Dynamics | Year&Semester:-II(IVth sem) | Total Lecture:80

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Introduction	27-Mar-24	27-Mar-24	
	2	Concept of fluid and its physical properties	28-Mar-24	28-Mar-24	
	3	Continuum hypothesis	29-Mar-24	29-Mar-24	
	4	Kinematics of fluids-Methods of describing fluid motion	30-Mar-24	30-Mar-24	
	5	Translation	1-Apr-24	1-Apr-24	
	6	Rotation and deformation of fluid elements	2-Apr-24	2-Apr-24	
	7	Stream Lines	3-Apr-24	4-Apr-24	
	8	Path lines and Streak lines	4-Apr-24	5-Apr-24	
	9	concepts of Vorticity	5-Apr-24	6-Apr-24	
	10	**Revision\Assignment**	6-Apr-24	8-Apr-24	
	11	**Unit test**	8-Apr-24	9-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
Unit II	9	Introduction	9-Apr-24	10-Apr-24	
	10	General theory of stress	10-Apr-24	12-Apr-24	
		rate of strain in a real fluid-Symmetry of stress tensor	11-Apr-24	13-Apr-24	
	11	Principal axes and Principle values of stress tensor	12-Apr-24	15-Apr-24	
	12	Constitutive equation for Newtonian fluid	13-Apr-24	16-Apr-24	
	13	Conservation laws-Conservation of mass	15-Apr-24	18-Apr-24	
	14	Conservation of momentum	16-Apr-24	22-Apr-24	
	15	Conservation of energy	17-Apr-24	23-Apr-24	
	17	**Revision\Assignment**	18-Apr-24	24-Apr-24	
	18	**Unit test**	19-Apr-24	26-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
Unit III	19	Introduction	20-Apr-24	27-Apr-24	
	20	One and two dimensional inviscid incompressible flow-Equation of continuity	22-Apr-24	29-Apr-24	
	21	motion using stream tube	23-Apr-24	30-Apr-24	
	22	Circulation	24-Apr-24	2-May-24	
	23	Velocity potential	25-Apr-24	3-May-24	
	24	Irrotational flow	26-Apr-24	9-May-24	
	25	Some theorems about rotational and irrotational	27-Apr-24	10-May-24	

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26	flows-Stoke's theorem	29-Apr-24	11-May-24	
27	Kelvin's minimum energy theorem	30-Apr-24	13-May-24	
	Gauss theorem	1-May-24	14-May-24	
	Kelvin's circulation theorem	2-May-24	16-May-24	
30	**Revision\Assignment**	3-May-24	17-May-24	
31	**Unit test**	4-May-24	18-May-24	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :**

32	Introduction	6-May-24	20-May-24	
33	Vortex motion and its elementary properties	7-May-24	21-May-24	
34	Integration of equations of motion - Bernoulli's equation	8-May-24	21-May-24	
35	Stream function in two dimensional motion	9-May-24	21-May-24	
36	Complex variable technique	10-May-24	22-May-24	
37	flow past a circular cylinder	11-May-24	22-May-24	
	Blasius theorem	13-May-24	22-May-24	
Unit IV	Milne's circle theorem	14-May-24	22-May-24	
	Sources,Sinks and Doublets	15-May-24	22-May-24	
	Dynamical similarity	16-May-24	23-May-24	
	Buckingham's pie theorem	17-May-24	23-May-24	
	Non-dimensional numbers and their physical significance	18-May-24	23-May-24	
38	**Revision\Assignment**	20-May-24	23-May-24	
39	**Unit test**	21-May-24		

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :**

40	Introduction	22-May-24	24-May-24	
41	Incompressible viscous fluid flows	23-May-24	24-May-24	
	Steady flow between two parallel plates (non-porous and porous)	24-May-24	24-May-24	
	Plane couette flow	25-May-24	24-May-24	
42	Plane poiseuille flow	27-May-24	25-May-24	
43	Generalized plane couette flow	28-May-24	27-May-24	
44	Steady flow of two immiscible fluids between two rigid parallel plates	29-May-24	27-May-24	
	Steady flow through tube of uniform circular cross section	30-May-24	28-May-24	
	Steady flow through annulus under constant pressure gradient	31-May-24	29-May-24	
50	**Revision\Assignment**	1-Jun-24	30-May-24	
51	**Unit test**	2-Jun-24	30-May-24	

Unit V

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :**

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : 14/6/24

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

SESSION 2023-24

Name of Faculty:- Anjali Chaudhary | Institute:- SRC. | Department:-Basic Science
Subject&Code: Mathematics for chemist | Year & Semester :-I(Ist sem) | Total Lecture:23

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Matix addition and multiplication,Adjoint ,inverse and transpose of matrix	17-Nov-23	17-Nov-23	
	2	Special matix and their properties,matrix E	18-Nov-23	18-Nov-23	
	3	linear dependence and independence,vectors- dot ,cross and triple product	24-Nov-23	21-Nov-23	
	4	Gradient,divergence and curl, vector calculus,gauss' theorem,divergence theorem	25-Nov-23	22-Nov-23	
	5	Introduction of vector space ,matrix eigenvalue and eigenvectors	1-Dec-23	28-Nov-23	
	6	Diagonazlization,determinants, introduction tensor	2-Dec-23	29-Nov-23	
	7	**Unit test / Revision / Assignment**	8-Dec-23	30-Nov-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit II	8	Functions,Continuity,and Differentiability rules of differential equation,application of differential calculus	9-Dec-23	30-Nov-23	
	9	Application of differential calculus;maxima and minima	15-Dec-23	2-Dec-23	online
	10	Exact and inexect differentials with their application to thermodynamics properties	16-Dec-23	3-Dec-23	
	11	Integral calculus,basic rules of integration integration by parts ,partial fraction and substitution	22-Dec-23	8-Dec-23	online
	12	Reduction formula,application of integral calculus	23-Dec-23	12-Dec-23	
	13	Function of several variables,partial differentiation,co - ordinats transformation curve sketching	5-Jan-24	13-Dec-23	
	14	**Unit test Revision\Assignment**	6-Jan-24	13-Dec-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit III	15	Variable seperable and exact first order differential equation homogeneous,exact and linear equation	12-Jan-24	15-Dec-23	
	16	Application of chemical kinetics secular equilibria,quantam chemistry	13-Jan-24	16-Dec-23	
	17	Solution of diff. equation by power series method fourier series,solution of harmonic oscillator and legendre equation	19-Jan-24	22-Dec-23	

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	18	Spherical harmonics second order differential equation and their solutions	20-Jan-24	26-Dec-23	Freshers Party
	19	Unit test Revision\Assignment	26-Jan-24	27-Dec-23	
Signed by →		(After Complete the Unit) Dean/Director :		HOD : Pooja	
Unit IV	20	Permutation and combination probability theorems, probability curves	27-Jan-24	10-Jan-24	
	21	Average,root mean square and most probable errors	28-Jan-24	11-Jan-24	
	22	Curve fitting with general polynomial fit	28-Jan-24	29-Jan-24	
	23	Revision\Assignment	29-Jan-24	30-Jan-24	
Signed by →		(After Complete the Unit) Dean/Director :		HOD : Pooja	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : Pooja

Prepared By: Ajab
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Anjali Chaudhary Institute:- SRC. Department:-Basic Science
Subject&Code: Fuzzy sets and its applications Year&Semester:-II(IVth sem) Total Lecture:80

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED			ACTUAL		
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signatur
Unit I	1	Introduction	27-Mar-24	27-Mar-24	
	2	Basic definitions	28-Mar-24	28-Mar-24	
	3	A -level sets	29-Mar-24	29-Mar-24	
	4	comparison with classical (crisp) sets	30-Mar-24	30-Mar-24	
	5	Types of fuzzy sets	1-Apr-24	1-Apr-24	
	6	extension principle	2-Apr-24	2-Apr-24	
	7	**Revision\Assignment**	3-Apr-24	4-Apr-24	
	8	**Unit test**	4-Apr-24	5-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
Unit II	9	Introduction	5-Apr-24	6-Apr-24	
	10	Fuzzy complement	6-Apr-24	8-Apr-24	
	11	t-norms	8-Apr-24	9-Apr-24	
	12	t-conorms	9-Apr-24	10-Apr-24	
	13	combination of operations	10-Apr-24	12-Apr-24	
	14	aggregation operations	11-Apr-24	13-Apr-24	
	15	Fuzzy numbers	12-Apr-24	15-Apr-24	
	16	linguistic variables	13-Apr-24	16-Apr-24	
	17	arithmetic operations on intervals	15-Apr-24	18-Apr-24	
	18	arithmetic operations on fuzzy numbers	16-Apr-24	22-Apr-24	
	19	lattice of fuzzy numbers	17-Apr-24	23-Apr-24	
	20	fuzzy equations	18-Apr-24	24-Apr-24	
	21	**Revision\Assignment**	19-Apr-24	25Apr-24	
	22	**Unit test**	20-Apr-24	26-Apr-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
Unit III	23	Introduction	22-Apr-24	27-Apr-24	
	24	Crisp versus fuzzy relation	23-Apr-24	29-Apr-24	
	25	projections and cylindric extensions	24-Apr-24	30-Apr-24	
	26	binary Fuzzy relations	25-Apr-24	2-May-24	
	27	binary relations on a single set	26-Apr-24	3-May-24	
	28	fuzzy equivalence relations	27-Apr-24	9-May-24	
	29	fuzzy compatibility and fuzzy ordering relations	29-Apr-24	10-May-24	
	30	Fuzzy measures	30-Apr-24	11-May-24	

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	31	evidence theory	1-May-24	13-May-24	
	32	possibility theory	2-May-24	14-May-24	
	33	fuzzy sets and possibility theory	3-May-24	16 May-24	
	34	**Revision\Assignment**	4-May-24	17-May-24	
	35	**Unit test**	6-May-24	18-May-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
	36	Introduction	7-May-24	20-May-24	Ext
	37	An overview of classical logic	8-May-24	21-May-24	
	38	multivalued logic	9-May-24	22-May-24	
	39	fuzzy propositions	10-May-24	23-May-24	
	40	fuzzy quantifiers	11-May-24	24-May-24	
	41	linguistic hedges	13-May-24	29-May-24	
Unit IV	42	Inference from conditional fuzzy propositions	14-May-24	23-June-24	
	43	Inference from conditional and qualified propositions	15-May-24	24-May-24	
	44	Information and uncertainty	16-May-24	24-May-24	
	45	non-specificity of crisp and fuzzy sets	17-May-24	24-May-24	
	46	fuzziness of fuzzy sets	18-May-24	24-May-24	
	47	**Revision\Assignment**	20-May-24	24-May-24	
	48	**Unit test**	21-May-24	25-May-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			
	49	Introduction	22-May-24	25-May-24	
	50	Individual	23-May-24	25-May-24	
	51	multiperson	24-May-24	26-May-24	
	52	multicriteria decision making	25-May-24	26-May-24	
Unit V	53	fuzzy ranking method	27-May-24	26-May-24	
	54	fuzzy linear programming	28-May-24	27-May-24	
	55	Methods of defuzzy fication	29-May-24	28-May-24	
	56	**Revision\Assignment**	30-May-24	28-May-24	
	57	**Unit test**	31-May-24	29-May-24	
Signed by →		(After Complete the Unit) **Dean/Director :** **HOD :**			

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD : 14/6/24

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Ms. Anjali Chaudhary Institute:- SRC Department:- BASIC SCIENCE

Subject & Code :- Partial Differential Equations(~~M-3050~~ 0327608) Year & Semester :- M.Sc.(Maths) Year II Sem III Total Lecture:- 44

Session: 2023-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	REMARKS
Unit I (10)	1	Introduction	3-Nov-23	3 - Nov 23	
	2	Example of PDE, Classfication	4-Nov-23	4 - Nov 23	
	3	Transport Equation	6-Nov-23	6-Nov-23	
	4	Intial Value Problem; Non - Homogeneous Equation	7-Nov-23	7-Nov-23	
	5	Fundamental Solution	8-Nov-23	8-Nov-23	
	6	Mean Value Problem	9-Nov-23	9-Nov-23	
	7	Properties of Harmonic Function	16-Nov-23	16-Nov-23	
	8	Energy Methods	17-Nov-23	17-Nov-23	
	9	Fundamental Solution	18-Nov-23	18-Nov-23	
	10	**Revision/Assignment/ Unit test**	20-Nov-23	20-Nov-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit II (09)	11	Introduction	21-Nov-23	21-Nov-23	
	12	Heat Eqation	22-Nov-23	22-Nov-23	
	13	Fundamental Solution	23-Nov-23	23-Nov-23	
	14	Mean Value Theorem; Properties of Solution	24-Nov-23	28-Nov-23	due to fashion splash
	15	Energy Methods	25-Nov-23	29-Nov-23	
	16	Wave Equation	28-Nov-23	30-Nov-23	
	17	Solution by spherical Means	29-Nov-23	1-Dec-23	
	18	Non - Homogeneous Equation; Energy Methods	30-Nov-23	8-Dec-23	Due to long topic
	19	**Revision/Assignment/ Unit test**	1-Dec-23	9-Dec-23	Due to internal
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
(05)	20	Non-linear First Order PDE- Complete Integrals	2-Dec-23	11-Dec-23	
	21	Envelopes & Its Characteristics	4-Dec-23	12-Dec-23	
	22	Hamilton -Jacobi Equations	5-Dec-23	13-Dec-23	
	23	Conservation Law	6-Dec-23	14-Dec-23	
	24	**Revision/Assignment/ Unit test**	7-Dec-23	15-Dec-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit IV (08)	25	Representation of solution	8-Dec-23	16-Dec-23	
	26	Separation of variables	9-Dec-23	18-Dec-23	
	27	Similarity Solution	11-Dec-23	19-Dec-23	
	28	Fourier and Laplace Transform	12-Dec-23	21-Dec-23	Due to fresher's
	29	Hopi- Cole Transform	13-Dec-23	22-Dec-23	
	30	Hodograph and Legendre Transforms	14-Dec-23	23-Dec-23	
	31	Potential Function	15-Dec-23	25-Dec-23	
	32	**Revision/Assignment/ Unit test**	16-Dec-23	26-Dec-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	33	Deriving Difference Equations	18-Dec-23	27-Dec-23	
	34	Elliptic Equation	19-Dec-23	28-Dec-23	
	35	Solution of Laplace 's equation	20-Dec-23	29-Dec-23	

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Unit V (12)	36	Leibmann' s method	21-Dec-23	8-Jan-23	Due to Colours
	37	Relaxation methods	22-Dec-23	9-Jan23	Due to Vacation
	38	Solution of Possion' s equation	23-Dec-23	10-Jan-23	
	39	Parabolic equation	26-Dec-23	11-Jan-23	
	40	Solution of heat equation	27-Dec-23	12-Jan-23	
	41	Bender -Schmidt method	28-Dec-23	13-Jan-23	
	42	The Crank -Nicholson method	29-Dec-23	15-Jan-23	
	43	Hyperbolic equation	2-Jan-24	15-Jan-23	
	44	**Revision/Assignment/ Unit test**	3-Jan-24	16-Jan-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By: Ajali
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science
Subject & Code: Complex Analysis(M302) Year&Semester :-II(IIIrdsem) Total Lecture:68

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Introduction	27-Sep-23	27-Sep-23	
	2	Complex integration	29-Sep-23	29-Sep-23	
	3	Cauchy-Goursat Theorem	30-Sep-23	30-Sep-23	
	4	Cauchy's integral formula	3-Oct-23	03-Oct-23	
	5	Higher Order derivatives	4-Oct-23	04-Oct-23	
	6	Morera's Theorem	5-Oct-23	05-Oct-23	
	7	Cauchy's inequality	6-Oct-23	06-Oct-23	
	8	Liouville's theorem	7-Oct-23	06-Oct-23	
	9	The fundamental theorem of algebra	9-Oct-23	07-Oct-23	
	10	Taylor's theorem	10-Oct-23	09-Oct-23	
	11	Maximum modulus principle	11-Oct-23	10-Oct-23	
	12	Schwarz lemma	12-Oct-23	11-Oct-23	
	13	**Revision\Assignment**	13-Oct-23	12-Oct-23	
	14	**Unit test**	14-Oct-23	13-Oct-23	
Signed by →	(After Complete the Unit) **Dean/Director :**			**HOD :**	
Unit II	15	Introduction	16-Oct-23	14-Oct-23	
	16	Bilinear transformations	17-Oct-23	16-Oct-23	
	17	Classifications of Bilinear transformations	18-Oct-23	17-Oct-23	
	18	Properties of Bilinear transformations	19-Oct-23	18-Oct-23	
	19	Definitions of conformal mappings	20-Oct-23	19-Oct-23	
	20	Example of conformal mappings	21-Oct-23	20-Oct-23	
	21	Meromorphic functions	25-Oct-23	21-Oct-23	
	22	The argument principle	26-Oct-23	25-Oct-23	
	23	Rouche's theorem	27-Oct-23	26-Oct-23	

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24	Inverse function theorem(Statement Only)	28-Oct-23	27-Oct-23	
25	**Revision\Assignment**	30-Oct-23	28-Oct-23	
26	**Unit test**	31-Oct-23	30-Oct-23	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :** Pooja

27	Introduction	1-Nov-23	31-Oct-23	
28	Laurent's series	2-Nov-23	01-Nov-23	
29	Isolated singularities	3-Nov-23	02-Nov-23	
30	Residues	4-Nov-23	03-Nov-23	
31	Cauchy's residue theorem	6-Nov-23	04-Nov-23	
Unit III 32	Evaluation of integrals	7-Nov-23	06-Nov-23	
33	many valued functions	8-Nov-23	07-Nov-23	
34	Branches of many valued functions	9-Nov-23	08-Nov-23	
35	Special reference to arg z and z°	16-Nov-23	09-Nov-23	
36	Special reference to log z	17-Nov-23	16-Nov-23	
37	**Revision\Assignment**	18-Nov-23	17-Nov-23	
38	**Unit test**	20-Nov-23	18-Nov-23	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :** Pooja

39	Introduction	21-Nov-23	20-Nov-23	
40	Weierstrass' factorization theorem	22-Nov-23	21-Nov-23	
41	Gamma function	23-Nov-23	22-Nov-23	
42	properties of Gamma function	24-Nov-23	23-Nov-23	
43	Riemann zeta function	25-Nov-23	28-Nov23	(Fashion splash)
44	Riemann's functional	27-Nov-23	29-Nov23	
45	Riemann's functional equation	28-Nov-23	30-Nov23	
46	Runge's theorem	29-Nov-23	01-Dec23	
Unit IV 47	Mittag-Leffler's theorem	30-Nov-23	02-Dec23	(National Pollution)
48	Analytic continuation	1-Dec-23	08-Dec23	(Control Day)
49	direct analytic continuation	02-Dec-23	09-Dec23	
50	Uniqueness of direct analytic continuation	04-Dec-23	11-Dec23	
51	analytic continuation along a curve	05-Dec-23	12-Dec23	
52	Uniqueness of analytic continuation along a curve	06-Dec-23	13-Dec23	
53	Power series	07-Dec-23	14-Dec23	
54	Power series method of analytic continuation	08-Dec-23	15-Dec23	
55	**Revision\Assignment**	09-Dec-23	18-Dec23	
56	**Unit test**	11-Dec-23	18-Dec23	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :** Pooja

57	Introduction	12-Dec-23	19-Dec23	
58	Canonical products	13-Dec-23	21-Dec23	
59	Jensen's formula	14-Dec-23	22-Dec23	
60	Poisson-Jensen formula	15-Dec-23	23-Dec23	
61	Hadamard's three circles theorem	16-Dec-23	25-Dec23	

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Unit V	62	entire function	18-Dec-23	26-Dec-23	
	63	Order of an entire function	19-Dec-23	08-Jan-24	
	64	Exponent of Convergence	20-Dec-23	09-Jan-24	
	65	Borel's theorem	21-Dec-23	10-Jan-24	
	66	Hadamard's factorization theorem	22-Dec-23	11-Jan-24	
	67	Revision\Assignment	23-Dec-23	12-Jan-24	
	68	Unit test	26-Dec-23	12-Jan-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science

Subject&Code: Group and Ring Theory&Linear Algebra Year&Semester:-III(Vth sem) Total Lecture:65

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Introduction	13-Oct-23	13-Oct-23	
	2	Automorphism Inner automorphism	16-Oct-23	16-Oct-23	
	3	Automorphism groups	17-Oct-23	17-Oct-23	
	4	Automorphism groups of finite cyclic groups infinite cyclic groups	18-Oct-23	18-Oct-23	
	5	**Revision\Assignment**	19-Oct-23	19-Oct-23	
	6	**Unit test**	20-Oct-23	20-Oct-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit II	7	Introduction	25-Oct-23	25-Oct-23	
	8	Characteristic Subgroups	26-Oct-23	26-Oct-23	
	9	Commutator subgroup Its properties	27-Oct-23	27-Oct-23	
	10	Applications of factor groups automorphism groups	30-Oct-23	30-Oct-23	
	11	Polynomial rings over commutative rings	1-Nov-23	01-Nov-23	
	12	**Revision\Assignment**	2-Nov-23	02-Nov-23	
	13	**Unit test**	3-Nov-23	03-Nov-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit III	14	Introduction	6-Nov-23	06-Nov-23	
	15	Polynomial rings over commutative rings	7-Nov-23	07-Nov-23	
	16	Division algorithm	8-Nov-23	08-Nov-23	
	17	consequences	9-Nov-23	09-Nov-23	
	18	Principal ideal domains	16-Nov-23	16-Nov-23	
	19	Factorization of polynomials	17-Nov-23	17-Nov-23	
	20	Reducibility tests Irreducibility tests	20-Nov-23	21-Nov-23	
	21	Eisenstein Criterion of Irreducibility	21-Nov-23	21-Nov-23	
	22	Eisenstein Criterion of Irreducibility of polynomials over rational field	22-Nov-23	22-Nov-23	
	23	**Revision\Assignment**	23-Nov-23	22-Nov-23	
	24	**Unit test**	24-Nov-23	22-Nov-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	25	Introduction	27-Nov-23	23-Nov-23	
	26	Divisibility in integral domains	28-Nov-23	28-Nov-23	
	27	Irreducibles	29-Nov-23	29-Nov-23	

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Unit IV	28	Primes	30-Nov-23	30-Nov-23	
	29	Unique factorization domains Euclidean domains	1-Dec-23	01-Dec-23	
	30	**Revision\Assignment**	4-Dec-23	04 Dec-23	
	31	**Unit test**	5-Dec-23	04-Dec-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit V	32	Introduction	6-Dec-23	05-Dec 23	
	33	Vector spaces	7-Dec-23	06 Dec-23	
	34	their elementary properties Subspaces	8-Dec-23	07-Dec-23	
	35	Linear independence	11-Dec-23	08-Dec-23	
	36	dependence of vectors	12-Dec-23	14-Dec-23	
	37	Basis	13-Dec-23	18-Dec 23	
	38	Dimension	14-Dec-23	18-Dec-23	
	39	Direct sum Quotient space	15-Dec-23	19-Dec-23	
	40	**Revision\Assignment**	18-Dec-23	19-Dec-23	
	41	**Unit test**	19-Dec-23	19-Dec-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit VI	42	Introduction	20-Dec-23	21-Dec-23	
	43	Linear transformations	21-Dec-23	22-Dec 23	
	44	The Algebra of linear transformations, Range	22-Dec-23	22-Dec.23	
	45	Null space of a linear Transformation	26-Dec-23	26-Dec23	
	46	**Revision\Assignment**	27-Dec-23	29-Dec23	
	47	**Unit test**	28-Dec-23	29-Dec 23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit VII	48	Introduction	2-Jan-24	08-Jan 24	
	49	Rank and nullity theorem	3-Jan-24	08-Jan-24	
	50	Linear Transformations	4-Jan-24	09-Jan-24	
	51	Their representation as Linear Transformations	5-Jan-24	09-Jan-24	
	52	Matrices Change of Basis	8-Jan-24	10-Jan-24	
	53	**Revision\Assignment**	9-Jan-24	10-Jan-24	
	54	**Unit test**	10-Jan-24	16-Jan-24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
Unit VIII	55	Introduction	11-Jan-24	11-Jan-24	
	56	Inner product spaces	12-Jan-24	12-Jan-24	
	57	norms	16-Jan-24	16-Jan-24	
	58	Cauchy-Schwarz inequality	17-Jan-24	17-Jan-24	
	59	Orthogonal vectors	18-Jan-24	18 Jan 24	
	60	Orthonormal sets, bases	19-Jan-24	19-Jan 24	
	61	Bessel's inequality	22-Jan-24	22-Jan-24	
	62	finite dimensional spaces	23-Jan-24	22-Jan-24	

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63	Gram- Schmidt orthogonalization process	24-Jan-24	22-Jan-24	
64	The topic "Indian Ancient Mathematics and Mathematicians" should be covered under Continuous Internal Evaluation (CIE)	25-Jan-24	23-Jan-24	
65	Unit test Revision\Assignment	29-Jan-24	23-Jan-24	
Signed by →	(After Complete the Unit) Dean/Director :		HOD :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science
Subject&Code: Differential Equation&Mechanic(0420301) Year & Semester :II(IVth sem) Total Lecture:71

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signature
	1	Introduction	20-Mar-24	20-Mar-24	
	2	Second order linear differential equations with variable coefficients	21-Mar-24	21-Mar-24	
	3	Use of a known solution	22-Mar-24	22-Mar-24	
Unit I	4	to find another	23-Mar-24	26-Mar-24	(Holi Leave)
	5	normal form	26-Mar-24	26/3/24	
	6	method of undetermined coefficient	27-Mar-24	27/03/24	
	7	variation of parameters	28-Mar-24	28/03/24	
	8	**Revision\Assignment**	29-Mar-24	29/03/24	
	9	**Unit test**	30-Mar-24	30/03/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	10	Introduction	1-Apr-24	01/04/24	
	11	solutions of second order ordinary differential equations(ODE)	2-Apr-24	02/04/24	
	12	Elementary idea of Power series	3-Apr-24	03/04/24	
Unit II	13	Bessels functions	4-Apr-24	04/04/24	
	14	Legender functions	5-Apr-24	05/04/24	
	15	their properties	6-Apr-24	06/04/24	
	16	**Revision\Assignment**	8-Apr-24	08/04/24	
	17	**Unit test**	9-Apr-24	09/04/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	18	Introduction	10-Apr-24	08/04/24	
	19	Origin of first order partial differential equations	11-Apr-24	09/04/24	
	20	Lagrange's solution	12-Apr-24	10/04/24	
Unit III	21	Partial differential equation of first order and degree greater than one	13-Apr-24	12/04/24	
	22	Charpit's method of solution	15-Apr-24	13/04/24	
	23	**Revision\Assignment**	16-Apr-24	15/04/24	
	24	**Unit test**	17-Apr-24	16/04/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	25	Introduction	18-Apr-24	18/04/24	
	26	Origin of second order PDE	19-Apr-24	22/04/24	

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Unit IV	27	Solution of partial differential equations	20-Apr-24	23/04/24	
	28	the second and higher order with constant coefficients	22-Apr-24	24/04/24	
	29	Classification of linear partial differential equations of second order	23-Apr-24	25/04/24	
	30	Solution of second order partial differential equations	24-Apr-24	26/04/24	
	31	partial differential equations with variable coefficients	25-Apr-24	27/04/24	
	32	Monge's method of solution	26-Apr-24	29/04/24	
	33	**Revision\Assignment**	27-Apr-24	30/04/24	
	34	**Unit test**	29-Apr-24	01/05/24	
Signed by →		(After Complete the Unit) **Dean/Director**		**HOD** :	
Unit V	35	Introduction	30-Apr-24	02/05/24	
	36	Frame of reference	1-May-24	03/05/24	
	37	work energy principle	2-May-24	04/05/24	
	38	Forces in three dimensions	3-May-24	09/05/24	
	39	Poinsot's central axis	4-May-24	10/05/24	
	40	Wrenches	6-May-24	11/05/24	
	41	Null lines	7-May-24	14/05/24	
	42	Planes	8-May-24	16/05/24	
	43	**Revision\Assignment**	9-May-24	17/05/24	
	44	**Unit test**	10-May-24	17/05/24	
Signed by →		(After Complete the Unit) **Dean/Director** :		**HOD** :	
Unit VI	45	Introduction	11-May-24	18/05/24	
	46	Virtual work	13-May-24	20/05/24	
	47	Stable	14-May-24	21/05/24	
	48	Unstable equilibrium	15-May-24	22/05/24	
	49	**Revision\Assignment**	16-May-24	23/05/24	
	50	**Unit test**	17-May-24	24/05/24	
Signed by →		(After Complete the Unit) **Dean/Director** :		**HOD** :	
Unit VII	51	Introduction	18-May-24	25/05/24	
	52	Velocities	20-May-24	25/05/24	
	53	accelerations along radial	21-May-24	27/05/24	
	54	transverse directions	22-May-24	27/05/24	
	55	along tangential	23-May-24	28/05/24	
	56	normal directions	24-May-24	28/05/24	
	57	Simple Harmonic motion	25-May-24	28/05/24	
	58	Motion under other law of forces	27-May-24	29/05/24	
	59	Elastic strings	28-May-24	29/05/24	
	60	Motion in resisting medium	29-May-24	29/05/24	
	61	**Revision\Assignment**	30-May-24	29/05/24	
	62	**Unit test**	31-May-24	29/05/24	
Signed by →		(After Complete the Unit) **Dean/Director** :		**HOD** :	

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Signed by →	(After Complete the Unit) Dean/Director :		HOD :	
63	Introduction	1-Jun-24	29/05/24	
64	Constrained motion	3-Jun-24	29/05/24	
65	Motion on smooth	4-Jun-24	30/05/24	
66	rough plane curves	5-Jun-24	30/05/24	
Unit VIII 67	Central orbit	6-Jun-24	30/05/24	
68	Kepler's laws of motion	7-Jun-24	30/05/24	
69	Motion of particle in three dimensions	8-Jun-24	30/05/24	
70	Revision\Assignment	10-Jun-24	30/05/24	
71	Unit test	11-Jun-24	30/05/24	
Signed by →	(After Complete the Unit) Dean/Director :		HOD :	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD 14/6/24

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

SESSION 2023-24

Name of Faculty:- Vinay Kumar | Institute:- SRC. | Department:-Basic Science

Subject & Code: Number Theory(M-401) | Year&Semester :-II(IVthsem) | Total Lecture:68

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture	Name of Topics	Planned Date	Actual Date	Faculty Signature
	1	Introduction	27-Mar-24	27/03/24	
	2	The Division Algorithm, the ged	28-Mar-24	28/03/24	
	3	The Euclidean Algorithm	29-Mar-24	29/03/24	
	4	Diophantine equation ax + by = c	30-Mar-24	30/03/24	
Un	5	The fundamental theorem of arithmetic	1-Apr-24	01/04/24	
	6	The Sieve of Eratosthenes	2-Apr-24	02/04/24	
	7	The Goldbach conjecture	3-Apr-24	03/04/24	
	8	**Revision\Assignment**	4-Apr-24	04/04/24	
	9	**Unit test**	5-Apr-24	05/04/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	10	Introduction	6-Apr-24	06/04/24	
	11	Theory of Congruences Basic properties of Consequence	8-Apr-24	08/04/24	
	12	Linear Congruences	9-Apr-24	09/04/24	
Unit II	13	Chinese remainder theorem	10-Apr-24	10/04/24	
	14	Fermat's Theorem	11-Apr-24	12/04/24	
	15	Wilson's Theorem	12-Apr-24	13/04/24	
	16	Statement of Prime number theorem	13-Apr-24	15/04/24	
	17	Some primality testing	15-Apr-24	16/04/24	
	18	**Revision\Assignment**	16-Apr-24	18/04/24	
	19	**Unit test**	17-Apr-24	22/04/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	20	Introduction	18-Apr-24	23/04/24	
	21	Number-Theoretic Functions	19-Apr-24	24/04/24	
	22	The functions T and Sigma	20-Apr-24	25/04/24	
	23	The mobius inversion formula	22-Apr-24	26/04/24	
Unit III	24	The Greatest integer function	23-Apr-24	27/04/24	

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	25	Euler's Phi function - Euler Theorem	24-Apr-24	29/04/24	
	26	Properties of the Phi-function	25-Apr-24	30/04/24	
	27	Applications to Cryptography	26-Apr-24	02/05/24	
	28	**Revision\Assignment**	27-Apr-24	03/05/24	
	29	**Unit test**	29-Apr-24	09/05/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	30	Introduction	30-Apr-24	10/05/24	
	31	The order of an integer modulo n	1-May-24	11/05/24	
	32	Primitive roots for primes	2-May-24	16/05/24	
	33	The theory of indices	3-May-24	17/05/24	(Due to long topic)
	34	Euler's criterion	4-May-24	18/05/24	
Unit IV	35	Legendre's symbol and its properties	6-May-24	20/05/24	
	36	Quadratic reciprocity	7-May-24	23/05/24	(Due to long topic)
	37	Quadratic congruences with composite moduli	8-May-24	23/05/24	
	38	**Revision\Assignment**	9-May-24	23/05/24	
	39	**Unit test**	10-May-24	23/05/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	40	Introduction	11-May-24	24/05/24	
	41	Perfect Numbers, .	13-May-24	24/05/24	
	42	Representation of integers	14-May-24	25/05/24	
Unit V	43	Representation of integers as sum of two squares and sum of more than two squares	15-May-24	27/05/24	
	44	**Revision\Assignment**	16-May-24	28/05/24	
	45	**Unit test**	17-May-24	29/05/24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD 14/6/24

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR

SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science

Subject&Code: METRIC SPACES&COMPLEX ANALYSIS(0620301) Year & Semester :-III(VIth sem) Total Lecture: 78

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Introduction	20-Mar-24	20-Mar-24	
	2	Metric spaces: Definition and examples	21-Mar-24	21-Mar-24	
	3	diameters in Metric Space	22-Mar-24	22-Mar-24	
	4	Bounded	23-Mar-24	23-Mar-24	(Holi Leave)
	5	Unbounded Metric Space	26-Mar-24	26/03/24	
	6	Revision\Assignment	27-Mar-24	27/03/24	
	7	Unit test	28-Mar-24	28/03/24	
Signed by →		(After Complete the Unit) Dean/Director :		HOD :	
Unit II	8	Introduction	29-Mar-24	29/03/24	
	9	Open and closed ball	30-Mar-24	30/03/24	
	10	Neighborhood	1-Apr-24	01/04/24	
	11	Open set	2-Apr-24	01/04/24	
	12	Interior of a set	3-Apr-24	02/04/24	
	13	limit point of a set	4-Apr-24	02/04/24	
	14	derived set	5-Apr-24	03/04/24	
	15	closed set	6-Apr-24	04/04/24	
	16	closure of a set	8-Apr-24	05/04/24	
	17	Subspaces	9-Apr-24	06/04/24	
	18	Dense set	10-Apr-24	08/04/24	
	19	Revision\Assignment	11-Apr-24	09/04/24	
	20	Unit test	12-Apr-24	10/04/24	
Signed by →		(After Complete the Unit) Dean/Director :		HOD :	
Unit III	21	Introduction	13-Apr-24	12/04/24	
	22	Sequences in metric spaces	15-Apr-24	13/04/24	
	23	Cauchy sequences	16-Apr-24	15/04/24	
	24	Complete metric space with Examples	17-Apr-24	16/04/24	
	25	Cantor intersection Theorem	18-Apr-24	18/04/24	
	26	Revision\Assignment	19-Apr-24	22/04/24	
	27	Unit test	20-Apr-24	23/04/24	
Signed by →		(After Complete the Unit) Dean/Director :		HOD :	
	28	Introduction	22-Apr-24	24/04/24	

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	29	Continuous mappings	23-Apr-24	25/04/24	
	30	Sequential criterion and other characterizations of continuity	24-Apr-24	26/04/24	
	31	Uniform continuity	25-Apr-24	27/04/24	
Unit IV	32	Homeomorphism	26-Apr-24	29/04/24	
	33	Contraction mapping	27-Apr-24	30/04/24	
	34	Banach fixed point theorem	29-Apr-24	01/05/24	
	35	**Revision\Assignment**	30-Apr-24	02/05/24	
	36	**Unit test**	1-May-24	03/05/24	

Signed by → (After Complete the Unit) **Dean/Director :** HOD :

37	Introduction	2-May-24	04/05/24	
38	Functions of complex variable	3-May-24	09/05/24	
39	Mappings by the exponential function	4-May-24	10/05/24	
40	Limits	6-May-24	11/05/24	
41	Theorems on limits	7-May-24	13/05/24	
42	Limits involving the point at infinity	8-May-24	14/05/24	
43	Continuity	9-May-24	15/05/24	
44	Derivatives	10-May-24	16/05/24	
45	Differentiation formulae	11-May-24	15/05/24	
46	**Revision\Assignment**	13-May-24	15/05/24	
47	**Unit test**	14-May-24	15/05/24	

Signed by → (After Complete the Unit) **Dean/Director :** HOD :

48	Introduction	15-May-24	17/05/24	
49	Cauchy-Riemann equations	16-May-24	18/05/24	
50	Sufficient conditions for differentiability	17-May-24	18/05/24	
51	Analytic functions and their examples	18-May-24	20/05/24	
52	Harmonic Function	20-May-24	20/05/24	
53	method of construction of a regular function	21-May-24	20/05/24	
54	Milne-Thomson's Method	22-May-24	20/05/24	
55	**Revision\Assignment**	23-May-24	20/05/24	
56	**Unit test**	24-May-24	20/05/24	

Signed by → (After Complete the Unit) **Dean/Director :** HOD :

57	Introduction	25-May-24	22/05/24	
58	Conformal Mapping	27-May-24	22/05/24	
59	necc. & suff. Condition	28-May-24	22/05/24	
60	inverse point, bilinear transformation	29-May-24	23/05/24	
61	critical point	30-May-24	23/05/24	
62	cross ratio	31-May-24	23/05/24	
63	fixed point	1-Jun-24	24/05/24	
64	**Revision\Assignment**	3-Jun-24	24/05/24	
65	**Unit test**	4-Jun-24	24/05/24	

Signed by → (After Complete the Unit) **Dean/Director :** HOD :

66	Introduction	5-Jun-24	25/05/24

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	67	Exponential functions	6-Jun-24	27/05/24	
	68	Logarithmic functions	7-Jun-24	28/05/24	
	69	branches and derivative of logarithmic function	8-Jun-24	28/05/24	
	70	Trigonometric functions	10-Jun-24	28/05/24	
	71	Derivative of functions	11-Jun-24	29/05/24	
Unit VIII	72	Definite integral of functions	12-Jun-24	29/05/24	
	73	contours	13-Jun-24	30/05/24	
	74	contour integrals	14-Jun-24	30/05/24	
	75	its examples	15-Jun-24	30/05/24	
	76	upper bound for moduli of contour integrals	17-Jun-24	30/05/24	
	77	Revision\Assignment	18-Jun-24	30/05/24	
	78	Unit test	19-Jun-24	30/05/24	
Signed by →		(After Complete the Unit) Dean/Director :		HOD :	

Approved By :
Signature of Dean/Director :

Checked By: Pooja
Signature of HOD : 19/6/24

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science
Subject&Code: Mathematical Methods(M303) Year & Semester :-II(IIIrd sem) Total Lecture:67

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No.	Lecture	Name of Topics	Planned Date	Actual Date	Faculty Signature
Unit I	1	Introduction	27-Sep-23	27-Sep-23	
	2	Inner products of functions	29-Sep-23	29-Sep-23	
	3	Orthogonal set of functions	30-Sep-23	30-Sep-23	
	4	Fourier series	3-Oct-23	03-Oct-23	
	5	Properties of Fourier series	4-Oct-23	04-Oct-23	
	6	Bessels inequality	5-Oct-23	05-Oct-23	
	7	Parseval's equation	6-Oct-23	06-Oct-23	
	8	Convergence of Fourier series	7-Oct-23	07-Oct-23	
	9	Property of fourier constants	9-Oct-23	09-Oct-23	
	10	Fourier theorem	10-Oct-23	10-Oct-23	
	11	Uniform convergence	11-Oct-23	11-Oct-23	
	12	Uniform convergence of Fourier series	12-Oct-23	12-Oct-23	
	13	**Revision\Assignment**	13-Oct-23	13-Oct-23	
	14	**Unit test**	14-Oct-23	14-Oct-23	
Signed by →	(After Complete the Unit) **Dean/Director :**			**HOD :** Pooja	
Unit II	15	Introduction	16-Oct-23	16-Oct-23	
	16	Differentiation of Fourier series	17-Oct-23	17-Oct-23	
	17	Integration of Fourier series	18-Oct-23	18-Oct-23	
	18	Ordinary boundary value problems	19-Oct-23	19-Oct-23	
	19	Solutions of ordinary boundary value problems in Fourier series	20-Oct-23	20-Oct-23	
	20	A slab with faces at prescribed temperature	21-Oct-23	21-Oct-23	
	21	A Dirichlet problem (in Cartesian coordinates	25-Oct-23	25-Oct-23	
	22	A string with prescribed initial velocity	26-Oct-23	26-Oct-23	
	23	an elastic bar	27-Oct-23	27-Oct-23	
	24	Sturm Lioville problems	28-Oct-23	28-Oct-23	
	25	Applications of Fourier series	30-Oct-23	30-Oct-23	
	26	**Revision\Assignment**	31-Oct-23	31-Oct-23	
	27	**Unit test**	1-Nov-23	01-Nov-23	
Signed by →	(After Complete the Unit) **Dean/Director :**			**HOD :** Pooja	
	28	Introduction	2-Nov-23	02-Nov-23	

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Unit III	29	Definitions of integral equations	3-Nov-23	03-Nov-23	
	30	Classification of integral equations	4-Nov-23	04-Nov-23	
	31	Differential equations	6-Nov-23	06-Nov-23	
	32	Relation between integral and differential equatio	7-Nov-23	07-Nov-23	
	33	Fredholm integral equations	8-Nov-23	08-Nov-23	
	34	Separable kernels	9-Nov-23	09-Nov-23	
	35	Fredholm integral equations of second kind with separable kernels	16-Nov-23	16-Nov-23	
	36	Algebraic equations	17-Nov-23	17-Nov-23	
	37	A system of algebraic equations	18-Nov-23	18-Nov-23	
	38	Reduction to a system of algebraic equations	20-Nov-23	20-Nov-23	
	39	**Revision\Assignment**	21-Nov-23	21-Nov-23	
	40	**Unit test**	22-Nov-23	22-Nov-23	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :**

Unit IV	41	Introduction	23-Nov-23	23-Nov-23	
	42	Eigen values	24-Nov-23	23 Nov. 23	
	43	eigen functions	25-Nov-23	28-Nov-23	(Fashion Splash)
	44	iterated kernels	27-Nov-23	29-Nov-23	
	45	Fredholm integral equation of second kind	28-Nov-23	30-Nov-23	
	46	Iterative scheme	29-Nov-23	01-Dec-23	
	47	iterative scheme for solving Fredholm integral equation of second kind	30-Nov-23	02-Dec-23	(National Pollution Day)
	48	(Neumann series)	1-Dec-23	08-Dec-23	
	49	Resolvent kernel	02-Dec-23	09-Dec-23	
	50	Volterra's integral equation	04-Dec-23	11-Dec-23	
	51	Volterra's integral equation of second kind	05-Dec-23	12-Dec-23	
	52	Application of iterative scheme to Volterra's integral equation of second kind	06-Dec-23	13-Dec-23	
	53	**Revision\Assignment**	07-Dec-23	14-Dec-23	
	54	**Unit test**	08-Dec-23	19-Dec-23	

Signed by → (After Complete the Unit) **Dean/Director :** **HOD :**

Unit V	55	Introduction	09-Dec-23	15-Dec-23	
	56	Hilbert Schmidt theory	11-Dec-23	18-Dec-23	
	57	Symmetric kernels	12-Dec-23	19-Dec-23	
	58	Orthonormal systems	13-Dec-23	21-Dec-23	
	59	Orthonormal systems of functions	14-Dec-23	22-Dec-23	
	60	Fundamental properties	15-Dec-23	23-Dec-23	
	61	Fundamental properties of eigenvalues	16-Dec-23	25-Dec-23	
	62	Eigen functions	18-Dec-23	26-Dec-23	
	63	Eigen functions for symmetric kernels	19-Dec-23	08-Jan-24	
	64	Solution of integral equations	20-Dec-23	09-Jan-24	

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65	Solution of integral equations by using Hilbert Schmidt theory	21-Dec-23	10-Jan-24	
66	Revision\Assignment	22-Dec-23	11-Jan-24	
67	Unit test	23-Dec-23	12-Jan-24	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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SHRI RAM COLLEGE, MUZAFFARNAGAR
SESSION 2023-24

Name of Faculty:- Vinay Kumar Institute:- SRC. Department:-Basic Science
Subject&Code: Algebra&Mathematical Methods Year & Semester :-II(IIIrd sem) Total Lecture:90

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Faculty Signature
	1	Introduction	13-Oct-23	13-Oct-23	
	2	Introduction to Indian ancient Mathematics	14-Oct-23	14-Oct-23	
	3	Mathematicians should be included under Continuous Internal Evaluation (CIE)	16-Oct-23	16-Oct-23	
	4	Equivalence relations	17-Oct-23	17-Oct-23	
	5	Partitions	18-Oct-23	18-Oct-23	
Unit I	6	Congruence modulo n	19-Oct-23	19-Oct-23	
	7	Definition of a group with examples	20-Oct-23	20-Oct-23	
	8	Simple properties	21-Oct-23	21-Oct-23	
	9	Subgroups	25-Oct-23	25-Oct-23	
	10	Generators of a group	26-Oct-23	26-Oct-23	
	11	Cyclic groups	27-Oct-23	27-Oct-23	
	12	**Revision\Assignment**	28-Oct-23	28-Oct-23	
	13	**Unit test**	30-Oct-23	30-Oct-23	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	14	Introduction	31-Oct-23	31-Oct-23	
	15	Permutation groups	1-Nov-23	01-Nov-23	
	16	Even	2-Nov-23	02-Nov-23	
	17	Odd permutations	3-Nov-23	03-Nov-23	
	18	The alternating group	4-Nov-23	04-Nov-23	
	19	Cayley's theorem	6-Nov-23	06-Nov-23	
Unit II	20	Direct products	7-Nov-23	07-Nov-23	
	21	Coset decomposition	8-Nov-23	08-Nov-23	
	22	Lagrange's theorem	9-Nov-23	09-Nov-23	
	23	its consequences	16-Nov-23	16-Nov-23	
	24	Fermat	17-Nov-23	17-Nov23	
	25	Euler theorems	18-Nov-23	18-Nov-23	
	26	**Revision\Assignment**	20-Nov-23	20-Nov-23	
	27	**Unit test**	21-Nov-23	21-Nov-23	

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Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**		
	28	Introduction	22-Nov-23	22-Nov-23	
	29	Normal subgroups	23-Nov-23	23-Nov-23	
	30	Quotient groups	24-Nov-23	28-Nov-23	Fashan explain
	31	Homomorphism	25-Nov-23	29-Nov-23	
Unit III	32	isomorphism	27-Nov-23	30-Nov-23	
	33	Fundamental theorem of homomorphism	28-Nov-23	01-Dec-23	
	34	Theorems on isomorphism	29-Nov-23	02-Dec-23	
	35	**Revision\Assignment**	30-Nov-23	04-Dec-23	
	36	**Unit test**	1-Dec-23	04-Dec-23	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**		
	37	Introduction	02-Dec-23	05-Dec-23	
	38	Rings	04-Dec-23	05-Dec-23	
	39	Subrings	05-Dec-23	06-Dec-23	
	40	Integral domains	06-Dec-23	07-Dec-23	
	41	fields	07-Dec-23	08-Dec-23	
	42	Characteristic of a ring	08-Dec-23	09-Dec-23	
Unit IV	43	Ideal	09-Dec-23	14-Dec23	
	44	Quotient rings	11-Dec-23	15-Dec-23	
	45	Ring homomorphism	12-Dec-23	18-Dec-23	
	46	Field of quotient of an integral domain	13-Dec-23	19-Dec-23	
	47	**Revision\Assignment**	14-Dec-23	21-Dec23	
	48	**Unit test**	15-Dec-23	22-Dec 23	
Signed by →	(After Complete the Unit) **Dean/Director :**		**HOD :**		
	49	Introduction	16-Dec-23	23-Dec 23	
	50	Limit	18-Dec-23	25-Dec-23	
	51	Continuity of functions of two variables	19-Dec-23	26-Dec 23	
	52	Differentiation of function of two variables	20-Dec-23	29-Dec 23	
	53	Necessary and sufficient condition for differentiability of functions two variables	21-Dec-23	08-Jan-24	
	54	Schwarz's	22-Dec-23	09-Jan-24	
	55	Young theorem	23-Dec-23	10-Jan-24	
Unit V	56	Taylor's theorem for functions of two variables with examples	26-Dec-23	11-Jan-24	
	57	Maxima and minima for functions of two variables	27-Dec-23	12-Jan-24	
	58	Lagrange multiplier method	28-Dec-23	13-Jan-24	
	59	Jacobians	02-Jan-24	14-Jan-24	

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	60	miniM bine amixM	03-Jan-24	14-Jan-24	
	61	**Revision\Assignment**	04-Jan-24	15-Jan-24	
	62	**Unit test**	05-Jan-24	15-Jan-24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	63	Introduction	06-Jan-24	15-Jan-24	
	64	Existence theorems for Laplace transforms	08-Jan-24	16-Jan-24	
	65	Linearity of Laplace transform and their properties	09-Jan-24	16-Jan-24	
	66	Laplace transform of the derivatives	10-Jan-24	16-Jan24	
Unit VI	67	integrals of a function	11-Jan-24	17-Jan24	
	68	inverse Laplace transforms	12-Jan-24	17-Jan24	
	69	Solution of the differential equations using Laplace transforms	16-Jan-24	17-Jan24	
	70	**Revision\Assignment**	17-Jan-24	18-Jan24	
	71	**Unit test**	18-Jan-24	18-Jan24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	72	Introduction	19-Jan-24	19-Jan-24	
	73	Fourier series	20-Jan-24	19-Jan24	
	74	Fourier expansion of piecewise monotonic functions	22-Jan-24	19-Jan24	
Unit VII	75	Half and full range expansions	23-Jan-24	19-Jan24	
	76	Fourier transforms (finite and infinite)	24-Jan-24	20-Jan24	
	77	Fourier integral. Misint	25-Jan-24	20-Jan24	
	78	**Revision\Assignment**	27-Jan-24	20-Jan24	
	79	**Unit test**	29-Jan-24	20-Jan24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	
	80	Introduction	30-Jan-24	22-Jan24	
	81	Calculus of variations	31-Jan-24	22-Jan24	
	82	Variational problems with fixed boundaries	01-Feb-24	22-Jan24	
	83	Euler's equation for functionals containing first order derivative	02-Feb-24	23-Jan24	
	84	one independent variable	03-Feb-24	23-Jan24	
Unit VIII	85	Extremals		23-Jan24	
	86	Functionals dependent on higher order derivatives	05-Feb-24	23-Jan24	
	87	Functionals dependent on more than one independent variable	06-Feb-24	24-Jan24	
	88	Variational problems in parametric form	07-Feb-24	24-Jan24	
	89	**Revision\Assignment**	08-Feb-24	24-Jan24	
	90	**Unit test**	09-Feb-24	24-Jan24	
Signed by →		(After Complete the Unit) **Dean/Director :**		**HOD :**	

Approved By :

Co-ordinator
IQAC, Shri Ram College
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Checked By:

Prepared By:

Chairman
IQAC, Shri Ram College,
Muzaffarnagar

Session - 2023-24

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- Mr.Sachin Kumar | Institute:-Shri Ram College , Muzaffarnagar | Department:-Basic Science

Subject & Code :- Botany & 0320401 | Year & Semester :- Second & Third | Total Lectures:-70

III rd Sem.

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Unit No. (No. of Periods Allotted)	Lecture No.	PLANNED: Name of Topics	PLANNED: Planned Date	ACTUAL: Actual Date	ACTUAL: Remarks
I Unit (08)	1	**Taxonomic Resources & Nomenclature:**Components of taxonomy	11-09-23	11-09-23	
	2	Taxonomic resources: Herbarium- functions & important herbaria,	12-09-23	12-09-23	
	3	Botanical gardens, Flora, Artificial Keys.	13-09-23	13-09-23	
	4	Botanical gardens, Flora, Artificial Keys.	14-09-23	14-09-23	
	5	Rules of Botanical Nomenclature according to ICN (ranks and taxa;principle of priority)	15-09-23	15-09-23	
	6	Continue	18-09-23	18-09-23	
	7	Type method, author citation, valid publication).	19-09-23	19-09-23	
	8	**Revision/Problem Solving /Assignment/Unit Test**	20-09-23	20-09-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
II Unit (05)	9	**Types of classification & Evidences:** Artificial, natural and phylogenetic. Bentham and Hooker (upto series),	21-09-23	21-09-23	
	10	Takhtajaan, Angiosperm Phylogeny Group (APG IV) classification.	22-09-23	22-09-23	
	11	Introduction to taxonomic evidences from cytology,	23-09-23	23-09-23	
	12	Phytochemistry & Molecular biology data (Protein and Nucleic acid homology).	25-09-23	25-09-23	
	13	**Revision/Problem Solving / Assignment/Unit Test**	26-09-23	26-09-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
III Unit (10)	14	Identification of Angiospermic families -I: Ranunculaceae, Papaveraceae,	27-09-23	27-09-23	
	15	Continue	28-09-23	28-09-23	
	16	Malvaceae, Rutaceae	29-09-23	30-09-23	
	17	Continue	30-09-23	30-09-23	
	18	Fabaceae, Myrtaceae ,	03-10-23	03-10-23	
	19	Continue	04-10-23	04-10-23	
	20	Cucurbitaceae, Apiaceae,	06-10-23	06-10-23	
	21	Rubiaceae, Asteraceae	07-10-23	07-10-23	
	22	Continue	09-10-23	09-10-23	
	23	**Revision/Problem Solving / Assignment/ Unit Test**	10-10-23	10-10-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
IV Unit (11)	24	Identification of Angiospermic families -II:-Apocynaceae, Asclepiadaceae,	11-10-23	11-10-23	
	25	Continue	12-10-23	12-10-23	
	26	Solanaceae, Acanthaceae,	13-10-23	13-10-23	
	27	Continue	14-10-23	14-10-23	
	28	Lamiaceae, Amaranthaceae,	16-10-23	16-10-23	
	29	Continue	17-10-23	17-10-23	
	30	Euphorbiaceae, Liliaceae	18-10-23	18-10-23	
	31	Continue	19-10-23	19-10-23	
	32	Musaceae, Poaceae	20-10-23	20-10-23	
	33	Continue	21-10-23	21-10-23	
	34	**Revision/Problem Solving/Assignment/Unit Test**	25-10-23	25-10-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
V Unit (08)	35	**Phylogenetic systematics:**Brief idea on Phenetics, Biometrics (Neighbour joining),	26-10-23	26-10-23	
	36	Continue	27-10-23	27-10-23	
	37	Cladistics: Basics and Methodology;	28-10-23	28-10-23	
	38	Continue	30-10-23	30-10-23	
	39	Supraspecific taxa (Monophyletic, polyphyletic groups)	31-10-23	31-10-23	
	40	Continue	01-11-23	01-11-23	
	41	Plesiomorphy and Apomorphy).	02-11-23	02-11-23	
	42	**Revision/Problem Solving/ Assignment/Unit Test**	03-11-23	03-11-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
VI Unit (10)	43	**TOOLS & SOFTWARES IN PLANT IDENTIFICATION:**	04-11-23	04-11-23	
	44	GIS (Mapping of (i) Patterns(ii) Features (iii) Quantities	06-11-23	06-11-23	
	45	Continue	07-11-23	07-11-23	
	46	Free Phylogenetic Software: PAUP and MESQUITE	17-11-23	17-11-23	
	47	Continue	18-11-23	18-11-23	
	48	Digital Taxonomy (e-flora),	20-11-23	20-11-23	
	49	Description Language for Taxonomy – DELTA	21-11-23	21-11-23	
	50	Internet directory for Botany	24-11-23	24-11-23	
	51	Continue	25-11-23	25-11-23	
	52	**Revision/Problem Solving/Assignment/Unit Test**	27-11-23	27-11-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			

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VII Unit (10)	53	**Computer usage, Android Applications & Character Analysis:** MS Office: PPT, Microsoft Excel, data entry	02/12/23	02-12-23
	54	Continue	04/12/23	04-12-23
	55	Graphs,GPS tagging, Plant Identification Apps	08-12-23	08-12-23
	56	Continue	09-12-23	09-12-23
	57	Concept of Character, Selection of characters	12-12-23	12-12-23
	58	Continue	15-12-23	15-12-23
	59	Character coding, Character step matrix	16/12/23	16-12-23
	60	Continue	18-12-23	18-12-23
	61	Character x Taxon Matrix	22-12-23	22-12-23
	62	**Revision/Problem Solving / Assignment/Unit Test**	25-12-23	25-12-23
Signed by →		(After Complete the Unit) Faculty HOD: Dean/Director:		
VIII Unit (08)	65	**Aesthetic Characteristics of Plants:** Elementary knowledge of Aesthetic characteristics of plants,	26-12-23	26-12-23
	66	English, Italian, French, Persian, Mughal and Japanese	29-12-23	29-12-23
	67	Features of gardens:(Garden wall, Fencing, Steps, Hedge,Edging,Lawn , Trees, Shrubs Etc.)	02-01-24	02-01-24
	68	Some Famous gardens of India, Conservatory, green houses	05-01-24	05-01-24
	69	Indoor garden, Roof garden, Topiary, Bonsai.	06-01-24	06-01-24
	70	**Revision/Problem Solving/Assignment/Unit Test**	08-01-24	30 Jan 2024
Signed by →		(After Complete the Unit) Faculty HOD: Dean/Director:		

Revision

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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Session 2023-24

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:-**Mr. SACHIN KUMAR** Institute:-**Shri Ram College , Muzaffarnagar** Department:-**Basic Science**

Subject & Code :-**BOTANY & 0420401** Year & Semester :-**SECOND & FOURTH** Total Lecture:-65

IV th Sem.

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (11)	1	**Origin and domestication of cultivated plants:**	20-03-24	20-03-24	
	2	Centers of diversity of plants,	21-03-24	22-03-24	
	3	origin of crop plants.	22-03-24	22-03-24	
	4	Domestication and introduction of crop plants	26-03-24	26-03-24	
	5	Continue	27-03-24	27-03-24	
	6	Concepts of sustainable development;	27-03-24	27-03-24	
	7	Continue	28-03-24	28-03-24	
	8	cultivation, production and uses of Cereals,	29-03-24	29-03-24	
	9	legumes, Spices & beverages.	30-03-24	30-03-24	
	10	Continue	30-03-24	30-03-24	
	11	**Revision/Problem Solving / Assignment/Unit Test**	01-04-24	01-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
II Unit (06)	12	**Botany of oils, fibers , timber yieling plants & dyes: Study of the plants with**	02-04-24	02-04-24	
	13	Yielding Edible and Essential Oils	03-04-24	03-04-24	
	14	Sugar , Starch & Fibers	03-04-24	03-04-24	
	15	Paper , Fumigatories	04-04-24	04-04-24	
	16	Ruober, Dyes , Timber , Biofel crops	04-04-24	04-04-24	
	17	**Revision/Problem Solving / Assignment/Unit Test**	06-04-24	06-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
III Unit (06)	18	**Commercial Production of Flowers, Vegetables & Fruits**	08-04-24	08-04-24	
	19	Commercial greenhouse cultivation of Rose, Gerbera ,Gladiolus , Bell Peper	10-04-24	10-04-24	
	20	Commercial greenhouse cultivation of Antheridium, Lilium , Lily, Tomato	12-04-24	12-04-24	
	21	Continue	13-04-24	13-04-24	
	22	Cucumber, Srawberry & Exotic leafy vegetable using Hydroponics	15-04-24	15-04-24	
	23	**Revision/Problem Solving / Assignment/Unit Test**	16-04-24	16-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
IV Unit (09)	24	**IPR & Traditional Knowledge:**	18-04-24	18-04-24	
	25	IPR & WTO(TRIPS, WIPO)	18-04-24	18-04-24	
	26	Patent Act 1970 & its Amendments , TIFAC , NRDC	20-04-24	20-04-24	
	27	Right Procedure of Obtaining Patent ,Working Patent, Infrigement, Copyright	22-04-24	22-04-24	
	28	Continue	23-04-24	23-04-24	
	29	Trademark, Geographical Inication(G.I) , Digital Library	24-04-24	24-04-24	
	30	Protection of Traditional knowledge , Plant Varities & Biotech Invention	24-04-24	24-04-24	
	31	Continue	25-04-24	25-04-24	
	32	**Revision/Problem Solving / Assignment/Unit Test**	26-04-24	26-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
V Unit (08)	33	**Ethnobotany:**	26-04-24	26-04-24	
	34	Methodologies of ethnobotanical research: Field Work	27-04-24	27-04-24	
	35	Literature, Herbaria & Musea & other aspects of Ethnobotany	29-04-24	29-04-24	
	36	Imortance of ethnobotany in India system of medicine(Siddha,Ayurveda & Unani)	30-04-24	30-04-24	
	37	Role of AYUSH, NMPB, CIMAP and CARI	01-05-24	01-05-24	
	38	Tribal knowledge towards disease diagnosis ,treatment, medicinal plants	01-05-24	01-05-24	
	39	Plant conservation and cultivation	02-05-24	02-05-24	
	40	**Revision/Problem Solving / Assignment/Unit Test**	03-05-24	03-05-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
VI Unit (07)	41	**Medicinal Aspects**	03-05-24	03-05-24	
	42	Study of common plants used by tribes(Aegel marmelos, Ficus religiosa)	04-05-24	04-05-24	
	43	Study of common plants used by tribes(Emblica officinalis,Ocimum sanctum etc)	04-05-24	04-05-24	
	44	Ethnobotanical aspects of consevation & management of plant resources	06-05-24	06-05-24	
	45	Preservation of primeval forest (In form of scared groves of I.S)	07-05-24	07-05-24	
	46	Botanical Uses Depicted in our Epics	08-05-24	08-05-24	
	47	**Revison/Problem Solving / Assignment/Unit Test**	09-05-24	09-05-24	
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VII Unit (09)	48	**Pharmacognosy**	10-05-24	17-05-24
	49	Preparation of drugs for commercial market- Organoleptic evaluation of drug	11-05-24	17-05-24
	50	Preparation of drugs for commercial market- Microscopic evaluation of drug	11-05-24	18-05-24
	51	Preparation of drugs for commercial market- Physical evaluation of drug	13-05-24	20-05-24
	52	Active & Inert constituents of drug , Classification of drug plants , I.D	14-05-24	20-05-24
	53	Drug Adulteration, Source of crude drug-Roots,Rhizome,Bulb, Leaves,& Seeds	15-05-24	20-05-24
	54	Organoleptic study of Adhatoda vasica, Azadirachta indica,Ocimum sanctum	16-05-24	21-05-24
	55	Coriandrum sativum,Datura metel , Eclipta officinalis,Phyllanthus amarus etc.	16-05-24	21-05-24
	56	**Revision/Problem Solving / Assignment/Unit Test**	17-05-24	22-05-24
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :		
VIII Unit (09)	57	**Herbal Preparation & Phytochemistry**	18-05-24	23-05-24
	58	Collection of Wild Herbs-Capsules-Compresses- Exlixirs-Glycerites	18-05-24	23-05-24
	59	Plant natural products, general detection , extraction & characterization	20-05-24	24-05-24
	60	Glycosides & Flavonoids & therapeutic applications	20-05-24	24-05-24
	61	Anthocyanins & Coumarins and therapeutic applications, Lignans, Terpenes	21-05-24	24-05-24
	62	Volatile oils and Saponins , Carotenoids , Alkaloids	22-05-24	25-05-24
	63	Pharmacological activities	23-05-24	25-05-24
	64	Continue	24-05-24	27-05-24
	65	**Revision/Problem Solving / Assignment/Unit Test**	25-05-24	27-05-24
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director :		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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Chairman
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Session : 2023-2024

V^th Sem

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- **Mr.SACHIN KUMAR** Institute:-**SHRI RAM COLLEGE, MZN** Department:-**BASIC SCIENCE**

Subject & Code :- **BOTANY , 0520402** Year & Semester :-**THIRD , FIFTH** Total Lecture:-65

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (11)	1	**Introduction About Subject:**	11-09-23	11-09-23	
	2	Genetic material: Miescher to Watson and Crick- Historic Perspective	12-09-23	12-09-23	
	3	Griffith's and Avery's Transformation experiments,	13-09-23	13-09-23	
	4	Hershey-Chase, Bacteriophage Experimet	14-09-23	14-09-23	
	5	DNA Structure, Types of DNA, Types of Genetic Material.	15-09-23	15-09-23	
	6	DNA Replication (Prokaryotes and Eukaryotes): Semi-conserative	16-09-23	16-09-23	
	7	DNA replication (Prokaryotes and eukaryotes): Bidirectional Replication,	18-09-23	18-09-23	
	8	Semi– Conservative, Semi Discontinuous,	19-09-23	19-09-23	
	9	RNA Priming, Θ (Theta) Mode of Replication,	20-09-23	20-09-23	
	10	Replication of Linear, dsDNA, Replicating the 5' end of linear Chromosome including Replication enzymes	21-09-23	21-09-23	
	11	**Revision/Problem Solving / Assignment/Unit Test**	22-09-23	22-09-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
II Unit (07)	12	**Transcription & Regulation of Gene Expression:**	23-09-23	23-09-23	
	13	Types of Structures of RNA (mRNA, tRNA, rRNA),	25-09-23	25-09-23	
	14	RNA Polymerase- Various types;	26-09-23	26-09-23	
	15	Translation, (Prokaryotes and Eukaryotes), Genetic Code	27-09-23	27-09-23	
	16	Regulation of Gene Expression in Prokaryotes: Lac Operon and Tryptophan Operon; and in Eukaryotes,	28-09-23	28-09-23	
	17	RNAi, Gene Editing	29-09-23	29-09-23	
	18	**Revision/Problem Solving / Assignment/Unit Test**	30-09-23	30-09-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
III Unit (10)	19	**Principles & Techniques of Genetic Engineering:**	03-10-23	03-10-23	
	20	Blotting Techniques: Northern, Southern and Western Blotting,	04-10-23	04-10-23	
	21	DNA Fingerprinting;	05-10-23	05-10-23	
	22	Molecular DNA Markers i.e. RAPD, RFLP, SNPs;	06-10-23	06-10-23	
	23	DNA Sequencing,	07-10-23	07-10-23	
	24	PCR and Reverse Transcriptase-PCR	09-10-23	09-10-23	
	25	Hybridoma and monoclonal antibodies,	10-10-23	10-10-23	
	26	ELISA and Immunodetection,Antibody Engineering.	11-10-23	11-10-23	
	27	Enzymes used in Genetic Engineering and Gene Cloning	12-10-23	12-10-23	
	28	**Revision/Problem Solving / Assignment/Unit Test**	13-10-23	13-10-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
IV Unit (09)	29	**Applications of Genetic engineering**	14-10-23	14-10-23	
	30	Pest resistant (Bt-cotton);	16-10-23	16-10-23	
	31	Herbicide resistant plants (RoundUp Ready soybean);	17-10-23	17-10-23	
	32	Transgenic crops with improved quality traits (Flavr Savr tomato, Golden rice);	18-10-23	18-10-23	
	33	Improved horticultural varieties (Moondust carnations)	19-10-23	19-10-23	
	34	Role of transgenics in bioremediation (Superbug);	20-10-23	20-10-23	
	35	Industrial enzymes (Aspergillase, Protease, Lipase); Genetically Engineered Products,	21-10-23	21-10-23	
	36	Biosafety concerns.	25-10-23	25-10-23	
	37	**Revision/Problem Solving / Assignment/Unit Test**	26-10-23	26-10-23	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
	38	Bioinformatics & its applications	27-10-23	27-10-23	
	39	Computer fundamentals - programming languages in bioinformatics,	28-10-23	28-10-23	
	40	Role of supercomputers in biology.	30-10-23	30-10-23	

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V Unit (09)	41	Historical background. Scope of bioinformatics - Genomics, Transcriptonics,	31-10-23	03-11-23
	42	Proteomics, Metabolomics, Molecular Phylogeny	01-11-23	04-11-23
	43	computer aided Drug Design (structure based and ligand based approaches),	02-11-23	06-11-23
	44	Systems Biology and Functional Biology. Applications and Limitations of bioinformatics.	03-11-23	07-11-23
	45	Primer designing	04-11-23	17-11-23
	46	**Revision/Problem Solving / Assignment/Unit Test**	06-11-23	18-11-23
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:		
VI Unit (06)	47	**Biological databases :**	07-11-23	20-11-23
	48	Introduction to biological databases - primary, secondary and composite databases,	17-11-23	21-11-23
	49	NCBI, nucleic acid databases (GenBank, EMBL, DDBJ, NDB)	18-11-23	28-11-23
	50	protein databases (PIR, SwissProt, TrEMBL, PDB)	20-11-23	01-12-23
	51	Metabolic pathway database (KEGG, EcoCyc, and MetaCyc),	21-11-23	02-12-23
	52	Small molecule databases (PubChem,)	24-11-23	04-12-23
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:		
VII Unit (06)	53	**Data Generation and Data Retrieval**	25-11-23	05-12-23
	54	Generation of data (Gene sequencing, Protein sequencing,Mass spectrometry, Microarray),	28-11-23	08-12-23
	55	Sequence submission tools (BankIt, Sequin, Webin);	02-12-23	09-12-23
	56	Sequence file format (flat file, FASTA, GCG, EMBL, Clustal, Phylip, Swiss-Prot)	04-12-23	11-12-23
	57	Sequence annotation; Data retrieval systems (SRS, Entrez)	05-12-23	12-12-23
	58	**Revision/Problem Solving / Assignment/Unit Test**	08-12-23	15-12-23
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:		
VIII Unit (07)	59	**Phylogenetic analysis:**	09-12-23	16-12-23
	60	Similarity, identity and homology, Alignment – local and global alignment,	11-12-23	18-12-23
	61	pairwise and multiple sequence alignments,alignment algorithms	12-12-23	19-12-23
	62	Methods of Alignment (Dot matrix, Dynamic Programming, BLAST and FASTA);	15-12-23	22-12-23
	63	Phylogenetic analysis: Construction of phylogenetic tree, Dendrograms,	16-12-23	23-12-23
	64	Methods of construction of phylogenetic trees.	18-12-23	25-12-23
	65	**Revision/Problem Solving / Assignment/Unit Test**	19-12-23	26-12-23
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty :

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Session - 2023-2024

VI th Sem.

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- SACHIN KUMAR | Institute:-Shri Ram College , Muzaffarnagar | Department:-Basic Science

Subject & Code :-BOTANY & 0620401 | Year & Semester :-THIRD & VI | Total Lecture:-80

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

			PLANNED		ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date		Remarks
I Unit (14)	1	**Cell biology:** Structure and function of cell wall,Plasma membrane,	20-03-24	20-03-24		
	2	Ribosomes, Endoplasmic reticulum,Golgi apparatus, Mitochondria,	21-03-24	21-03-24		
	3	Chloroplast, Lysosomes,Peroxisomes and Cell inclusions	22-03-24	22-03-24		
	4	Organization of nucleus: Nuclear envelope	26-03-24	26-03-24		
	5	Chromosomal nomenclature- Chromatids,Nucleoplasm and Nucleolus.	27-03-24	27-03-24		
	6	Centromere, Telomere, Satellite, Generic, inter specific,	27-03-24	27-03-24		
	7	Organization of chromosomes- Nucleic acid and histones- types and classification.	28-03-24	28-03-24		
	8	Lampbrush chromosomes and Polytene chromosomes-Karyotype and idiogram	29-03-24	29-03-24		
	9	Cell cycle:– mitosis: open and closed mitosis – amitosis - meiosis.	30-03-24	30-03-24		
	10	Variation in Chromosome number (Numerical aberrations)- Aneuploidy	30-03-24	30-03-24		
	11	Euploidy-haploidy,	01-04-24	01-04-24		
	12	Polyploidy- significance (Structural aberrations) - deletion,	02-04-24	02-04-24		
	13	Duplication, Inversion and Translocation.	03-04-24	03-04-24		
	14	**Revision/Problem Solving / Assignment/Unit Test**	03-04-24	03-04-24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				
II Unit (09)	15	**Genetics:** Chromosome theory of inheritance,Crossing over and linkage;	04-04-24	04-04-24		
	16	Incomplete dominance and Codominance;	04-04-24	04-04-24		
	17	Interaction of Genes; Multiple alleles,	06-04-24	06-04-24		
	18	Lethal alleles, Epistasis, Pleiotropy,	08-04-24	08-04-24		
	19	Polygenic inheritance; Extra-nuclear Inheritance,	09-04-24	09-04-24		
	20	Linkage, crossing over, Concept of sex	10-04-24	10-04-24		
	21	Concept of sex determination and Sex chromosomes;	12-04-24	12-04-24		
	22	Patterns of Sex determination in plants	13-04-24	13-04-24		
	23	**Revision/Problem Solving / Assignment/Unit Test**	15-04-24	15-04-24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				
III Unit (11)	24	**Plant Breeding:**Plant introduction, Agencies of plant introduction in India,	16-04-24	16-04-24		
	25	Acclimatization – Achievements,Selection - mass selection,	18-04-24	18-04-24		
	26	Pure line selection and clonal selection	18-04-24	18-04-24		
	27	Genetic basis of selection methods:Hybridization, Procedure of hybridization,	20-04-24	20-04-24		
	28	Intergeneric, inter specific, inter varietal hybridization with examples	22-04-24	22-04-24		
	29	Male sterility,	23-04-24	23-04-24		
	30	Heterosis and its exploitation in plant breeding, Mutation,	24-04-24	24-04-24		
	31	Molecular Breeding (use of DNA markers in plant breeding),	24-04-24	24-04-24		
	32	Achievements in India, Breeding for pest,	25-04-24	25-04-24		
	33	Pathogenic diseases and stress resistance	26-04-24	26-04-24		
	34	**Revision/Problem Solving / Assignment/Unit Test**	26-04-24	26-04-24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				
IV Unit (11)	35	**Biostatistics: Definition, Statistical methods,**	27-04-24	27-04-24		
	36	Basic principles, variables- measurements,	29-04-24	29-04-24		
	37	Functions, limitations and uses of statistics.	30-04-24	30-04-24		
	38	Biometry: Data, Sample, Population,Random sampling,	01-05-24	01-05-24		
	39	Frequency distribution- definition only,	01-05-24	01-05-24		
	40	Central tendency– Arithmetic Mean,Mode and Median,	02-05-24	02-05-24		
	41	Measurement of dispersion–Coefficient of variation,	03-05-24	03-05-24		
	42	Standard Deviation,Standard error of mean,	04-05-24	04-05-24		
	43	Test of significance: chi- square test for goodness of fit.	04-05-24	04-05-24		
	44	Computer application in biostatics-MS Excel and SPSS	06-05-24	06-05-24		
	45	**Revision/Problem Solving / Assignment/Unit Test**	07-05-24	16-05-24		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :				
V Unit (09)	46	Plant Tissue Culture:Elementary knowledge of Principles,	08-05-24	15-05-24		
	47	Components and techniques of in vitro plant cultures,	09-05-24	16-05-24		
	48	Callus cultures, Cell culture, cell suspension cultures,	09-05-24	16-05-24		
	49	Embryogenesis and organogenesis,	10-05-24	17-05-24		
	50	Protoplast isolation and culturing of protoplast-Principle and Application	11-05-24	17-05-24		

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	51	Regeneration of protoplast , protoplast fusion &	11-05-24	17-05-24
	52	Somatic hybridization- selection of hybrid cells,	11-05-24	18-05-24
	53	Somaclonal variation, Plant secondary Metabolites production	13-05-24	20-05-24
	54	**Revision/Problem Solving / Assignment/Unit Test**		
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :		
	55	**Nanotechnology:**	14-05-24	20-05-24
	56	Nanoscale assembly of cellular components (cell membrane and liposomes).	14-05-24	20-05-24
	57	Nanoscale assembly assembly of microorganisms (virus).	15-05-24	20-05-24
	58	Nano-particle synthesis:	16-05-24	21-05-24
VI Unit (10)	59	Biological synthesis of Nanoparticles	16-05-24	21-05-24
	60	Advantages and applications of biologically synthesized nanomaterials.	17-05-24	22-05-24
	61	Introduction to biological nanomaterials.	18-05-24	23-05-24
	62	Biomineralization, Magnetosomes,Nano-pesticides,	18-05-24	23-05-24
	63	Nano-fertilizers, nano-sensors.	20-05-24	24-05-24
	64	**Revision/Problem Solving / Assignment/Unit Test**	20-05-24	24-05-24
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :		
	65	**Artificial Intelligence in Plant Sciences:**	21-05-24	24-05-24
	66	Elementary idea of Big Data Analytics,	22-05-24	25-05-24
	67	Blockchain Technology, 3-D Printing,	23-05-24	25-05-24
	68	Machine learning,Algorithms of Machine Learning,	24-05-24	27-05-24
VII Unit (09)	69	Expert systems and Fuzzy logic,	24-05-24	27-05-24
	70	Artificial Network & Genetic algorithms	24-05-24	27-05-24
	71	Agents and Robotics, IoT sensors,Object Image capture & analysis;	25-05-24	27-05-24
	72	Applications of Artificial Neural Networks in plant Sciences	25-05-24	28-05-24
	73	**Revision/Problem Solving / Assignment/Unit Test**	27-05-24	28-05-24
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :		
	74	**Introduction to use of Digital technologies – AI, IoT & ICT in Botany:**	28-05-24	28-05-24
	75	Educational software- INFLIBNET, NICNET, BRNET,	28-05-24	28-05-24
VIII Unit (07)	76	Internet as a knowledge repository-google scholar, science direct,	29-05-24	29-05-24
	77	Weather forecasting. IoT Database Management	29-05-24	29-05-24
	78	IoT application development for Android Mobile phones,	30-05-24	30-05-24
	79	ICT Applications for different crops and horticulture	30-05-24	30-05-24
	80	**Revision/Problem Solving / Assignment/Unit Test**	31-05-24	31-05-24
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :		

Approved By :
Signature of Dean/Director

Checked By:
Signature of HOD :

Prepared By:
Signature of Faculty

Co-ordinator
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Rama Median **Institute:- Shri Ram College , Muzaffarnagar** **Department:- Basic Science**

Subject & Code :- Microbiology & Plant Pathology (B040101T) **Semester :- B. Sc.- Yr-1, Sem-1**

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

Session 2023-24

PLANNED				ACTUAL	
Unit No. (No. of Periods	*Lecture No.*	*Name of Topics*	*Planned Date*	*Actual Date*	*Remarks*
	1	Introduction about subject: Introduction to Indian ancient, Vedic and	11-09-23	11-09-23	
	2	Continue	12-9-23	12-09-23	
	3	Basics of Microscopy, Light, Phase Contrast & Electron Microscope	13-09-23	13-09-23	
	4	Staining Techniques for Light Microscopy; Sample Preparation for Electron	14-09-23	14-09-23	
Unit I (06)	5	Continue	15-09-23	15-09-23	
	6	Common Equipment of Microbiology Lab & Principle of their working	16-09-23	16-09-23	
	7	Colorimetry & Spectrophotometry; Immobilization methods, Fermentation	18-09-23	18-09-23	
	8	Continue	19-09-23	19-09-23	
	9	**Revision, Problem Solving , Assignments & Tests**	20-09-23	20-09-23	
Signed by →		**(After Complete the Unit) Faculty:** **HOD :** **Dean/Director :**			
	10	Microbial World Introduction: Cell structure of Eukaryotic & Prokaryotic	21-09-23	21-09-23	
	11	Bacterial Chemotaxis & Quorum Sensing; Bacterial Growth Curve;	22-09-23	22-09-23	
	12	Continue	23-09-23	23-09-23	
	13	Factors affecting growth of microbes; Measurement of Growth	25-09-23	25-09-23	
	14	Batch Culture, Fed batch culture & continuous culture; Synchronous growth	26-09-23	26-09-23	
	15	Sporulation & Reproduction and recombination in bacteria	27-09-23	27-09-23	
Unit II (07)	16	Continue	28-09-23	28-09-23	
	17	General characteristics of Viruses; Virus Culture;	29-09-23	29-09-23	
	18	Sturcture of virus; TMV & retro virus, Bacteriophages, Structure of T4 & λ-	30-09-23	30-9-23	
	19	Continue	03-10-23	03-10-23	
	20	Lytic & Lysogenic Cycles;	04-10-23	04-10-23	
	21	Viroid, Prions, Mycoplasma, Phytoplasma; Actinomycetes & their economic	05-10-23	05-10-23	
	22	Continue	06-10-23	06-10-23	
	23	**Revision, Problem Solving , Assignments & Tests**	07-10-23	07-10-23	
Signed by →		**(After Complete the Unit) Faculty:** **HOD :** **Dean/Director :**			
	24	Phycology Introduction : Range of Thallus organisation in Algae ,	09-10-23	09-10-23	
	25	Pigments, Flagella; Types of reproduction	10-10-23	10-10-23	
	26	Continue	11-10-23	11-10-23	
	27	Classification & Comparative life cycle of Nostoc, Chlorella, Volvox &	12-10-23	12-10-23	
	28	Continue	13-10-23	13-10-23	
Unit III (06)	29	Continue	14-10-23	14-10-23	
	30	Classification & Comparative life cycle of Oedogonium, Chara, Sargassum,	16-10-23	16-10-23	
	31	Continue	17-10-23	17-10-23	
	32	Phycoviruses & Economic Importance of Algae; Role of Algae in soil	18-10-23	18-10-23	
	33	Continue	19-10-23	19-10-23	
	34	Commercial products of Algae - Biofuel, Agar, Diatomite.	20-10-23	20-10-23	
	35	**Revision, Problem Solving , Assignments & Tests**	21-10-23	21-10-23	
Signed by →		**(After Complete the Unit) Faculty:** **HOD :** **Dean/Director :**			
	36	Mycology Introduction : Comparative study of general characteristics;	25-10-23	25-10-23	
	37	Classification upto class; Distinguishing characters of Myxomycota	26-10-23	26-10-23	
	38	General characteristics of True Fungi (Eumycota); Mastigomycotina:	27-10-23	27-10-23	
Unit IV (06)	39	Zygomycota: Rhizopus, Ascomycota:Sacchromyces, Pencillium, Peziza	28-10-23	28-10-23	
	40	Continue	30-10-23	30-10-23	
	41	Basdiomycotina: Ustilago, Puccinia, Agaricus; Deuteromycotina: Fusarium,	31-10-23	03-11-23	
	42	Continue	01-11-23	04-11-23	
	43	**Revision, Problem Solving , Assignments & Tests**	02-11-23	06-11-23	

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Rama Median Institute:- Shri Ram College, Mzn Department:- Basic Science

Subject & Code :- Microbiology & Plant Pathology (B040101T) Semester :- B. Sc.-I Year , I Semester

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No.	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit V (04)	44	Mushroom Cultivation: Classification, characteristics &	03-11-23	07-11-23	
	45	Occurrence, Classification, Reproduction & Significance	04-11-23	17-11-23	
	46	Harmful aspects, components & Important Key points of	06-11-23	18-11-23	
	47	Mycorrhiza: Introduction, Types & Economic Importance	07-11-23	20-11-23	
	48	Continue	17-11-23	21-11-23	
	49	Revision, Problem Solving , Assignments & Tests	18-11-23	28-11-23	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VI (05)	50	Definition, Causes & Symptoms of Plant Diseases	20-11-23	01-12-23	
	51	Identification of Plant Diseases & Preparation of Culture	21-11-23	02-12-23	
	52	Koch's Postulates, Disease Cycle	24-11-23	04-12-23	
	53	Defence Mechnism & Methods of application	25-11-23	05-12-23	
	54	Continue	28-11-23	08-12-23	
	55	Preparation of Antibiotics & Fungicides	02-12-23	09-12-23	
	56	Revision, Problem Solving , Assignments & Tests	04-12-23	11-12-23	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VII (08)	57	Alternaria: Occurrence, Symptoms, Reproduction &	05-12-23	12-12-23	
	58	Continue	08-12-23	15-12-23	
	59	Phytophthor: Occurrence, Symptoms, Reproduction &	09-12-23	16-12-23	
	60	Puccinia Graminis: Occurrence, Symptoms, Reproduction	11-12-23	18-12-23	
	61	Albugo: Occurrence, Symptoms, Reproduction & Disease	12-12-23	19-12-23	
	62	Continue	15-12-23	22-12-23	
	63	Fusharium & Red Rots of Sugarcane	16-12-23	23-12-23	
	64	Mosaic Diseases of Tobacco, Cucumber,	18-12-23	25-12-23	
	65	Citrus Canker & Damping of Seedlings	19-12-23	26-12-23	
	66	Disease Management: Quarantine, Chemical & Biological	22-12-23	29-12-23	
	67	Continue	23-12-23	01-01-24	
	68	Revision, Problem Solving , Assignments & Tests	25-12-23	01-01-24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	
Unit VIII (06)	69	Food Fermentation & Food production by Microbes	26-12-23	10-01-24	
	70	Continue	29-12-23	11-01-24	
	71	Enzymes, Vitamins, Amino Acids & Organic Acids	30-12-23	12-01-24	
	72	Continue	02-01-24	13-01-24	
	73	Vaccines & their Types	05-01-24	15-01-24	
	74	Mass Production of Bacterial Biofertilizers	06-01-24	16-01-24	
	75	Continue	08-01-24	17-01-24	
	76	Microbial Proteins & Organic Farming Inputs	09-01-24	18-01-24	
	77	Bioremediation	12-01-24	19-01-24	
	78	Revision, Problem Solving , Assignments & Tests	13-01-24	20-01-24	
Signed by →		Revision (After Complete the Unit) Faculty:	21 to 30 Jan 2024 HOD :	Dean/Director :	

Approved By :
Signature of Dean/Director
Co-ordinator
IQAC, Shri Ram College
Muzaffarnagar

Checked By: 01/2/24
Signature of HOD :

Prepared B
Signature
Chairman
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Muzaffarnagar

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2

Name of Faculty:- RAMA MEDIAN | Institute:-**Shri Ram College , Muzaffarnagar** | Department:-**Basic Science**

Subject & Code :-**BOTANY** | Year & Semester :- SECOND | Total Lecture:-70

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY) Session 2023-2

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	**Lecture No.**	**Name of Topics**	**Planned Date**	**Actual Date**	Rema
I Unit (08)	1	Unique features of archegoniates,	20-03-24	20-03-24	
	2	Bryophytes: General characteristics, adaptations to land habit, Range of thallus organization.	21/03/24	21/03/24	
	3	Classification (up to family),	22/03/24	22/03/24	
	4	Morphology, Anatomy	26/03/24	26/03/24	
	5	Reproduction of Riccia, Marchantia , Anthoceros, Sphagnum and Funaria	27/03/24	27/03/24	
	6	Continue	27/03/24	27/03/24	
	7	Economic importance of bryophytes	28/03/24	28/03/24	
	8	**Revision/Problem Solving/Assignment**	29/03/24	29/03/24	
	9	**Unit Test**	30/03/24	30/03/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
II Unit (07)	10	General characteristics, Early (fossil)land plants (Rhynia).	30/03/24	30/03/24	
	11	Classification (up to family)	01/04/24	01/04/24	
	12	Heterospory and seed habit, stelar evolution	02/04/24	02/04/24	
	13	Economic importance of Pteridophytes.	03/04/24	03/04/24	
	14	Comparative study of morphology	03/04/24	03/04/24	
	15	Anatomy and reproduction of Selaginella, Equisetum and Azolla.	04/04/24	04/04/24	
	16	Continue	04/04/24	04/04/24	
	17	**Revision/Problem Solving/Assignment**	06/04/24	06/04/24	
	18	**Unit Test**	08/04/24	08/04/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
III Unit (07)	19	Classification and distribution of gymnosperms;	09/04/24	09/04/24	
	20	Salient features of Cycadales	10/04/24	10/04/24	
	21	Ginkgoales, Coniferales and Gnetales,	12/04/24	12/04/24	
	22	Ginkgo,Pinus, Ephedra, structure and reproduction;	13/04/24	13/04/24	
	23	Economic importance	15/04/24	15/04/24	
	24	**Revision/Problem Solving/Assignment**	15/04/24	15/04/24	
	25	**Unit Test**	16/04/24	16/04/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
IV Unit (10)	26	General account of Cycadofilicales,	18/04/24	18/04/24	
	27	Bennettitales, Pentoxylales and Cordaitales	18/04/24	18/04/24	
	28	Geological time scale	20/04/24	20/04/24	
	29	Brief account of process of fossilization	22/04/24	22/04/24	
	30	Types of fossils and study techniques;	23/04/24	23/04/24	
	31	Continue	24/04/24	24/04/24	
	32	**Revision/Problem Solving/Assignment**	24/04/24	24/04/24	
	33	**Unit Test**	25/04/24	25/04/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
V Unit (09)	34	Morphology and modifications of roots; stem, leaf and bud.	26/04/24	26/04/24	
	35	Continue	26/04/24	26/04/24	
	36	Types of inflorescences	27/04/24	27/04/24	
	37	Flowers, flower parts, fruits	29/04/24	29/04/24	
	38	Types of placentation; Definition and types of seeds.	30/04/24	30/04/24	
	39	Continue	01/05/24	01/05/24	
	40	**Revision/Problem Solving/Assignment**	01/05/24	01/05/24	
	41	**Unit Test**	02/05/24	02/05/24	
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**			
	42	Meristematic and permanent tissues	03/05/24	03/05/24	
	43	Organs (root, stem and leaf)	04/05/24	04/05/24	
	44	Apical meristems & theories on apical organization.	04/05/24	04/05/24	
	45	Continue	06/05/24	06/05/24	

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VI Unit (08)	46	Secondary growth - Root and stem- cambium (structure and function) annual rings,	07/05/24	10/05/24
	47	Continue	08/05/24	15/05/24
	48	Periderm, Anomalous secondary growth - Bignonia,	09/05/24	16/05/24
	49	Boerhaavia, Dracaena, Nyctanthes	10/05/24	17/05/24
	50	Continue	11/05/24	17/05/24
	51	**Revision/Problem Solving/Assignment**	11/05/24	18/05/24
	52	**Unit Test**	13/05/24	20/05/24
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**		
VII Unit (10)	50	Plant Embryology, Structure of microsporangium,	14/05/24	20/05/24
	51	Microsporogenesis	15/05/24	20/05/24
	52	Structure of megasporangium and its types, megasporogenesis	16/05/24	21/05/24
	53	Continue	16/05/24	21/05/24
	54	Structure and types of female gametophyte,	17/05/24	22/05/24
	55	Types of pollination, Methods of pollination,	18/05/24	23/05/24
	56	Continue	18/05/24	28/05/24
	57	Germination of pollen grain,	20/05/24	24/05/24
	58	Structure of male gametophyte, Fertilization	20/05/24	24/05/24
	59	Structure of dicot and monocot embryo, Endosperm, Double fertilization	21/05/24	24/05/24
	60	Apomixis and Polyembryony.	22/05/24	26/05/24
	61	**Revision/Problem Solving/Assignment**	23/05/24	25/05/24
	62	**Unit Test**	24/05/24	27/05/24
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**		
VIII Unit (10)	63	Pollen structure, pollen morphology, pollen allergy	25/05/24	28/05/24
	64	Applied Palynology: Basic concepts,	25/05/24	28/05/24
	65	Palaeopalynology, Aeropalynology	27/05/24	28/05/24
	66	Continue	28/05/24	29/05/24
	67	Forensic palynology, Role in taxonomicevidences.	29/05/24	29/05/24
	68	Continue	29/05/24	30/05/24
	69	**Revision/Problem Solving/Assignment**	30/05/24	30/05/24
	70	**Unit Test**	31/05/24	31/05/24
Signed by →		(After Complete the Unit) **Faculty:** **HOD :** **Dean/Director :**		

Approved By :
Signature of Dean/Director :

Checked By:
Signature of HOD :

Prepared By :
Signature of Faculty :

Co-ordinator
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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Miss. Rama Median Institute:- SRC Department:- Basic Science

Subject & Code :- : Plant Physiology,Metabolism & Biochemistry Semester :- B.Sc.(CBZ) Vth Semester

Session 23-24

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
Unit I (07)	1	Water	11/09/23	11/09/23	
	2	Transpiration and its significance;	12/09/23	12/09/23	
	3	Root pressure and guttation.	13/09/23	13/09/23	
	4	Symptoms of mineral deficiency in major crops,	14/09/23	14/09/23	
	5	Transport of ions across cell membrane, active and passive transport,	15/09/23	15/09/23	
	6	Composition of phloem sap, girdling experiment; Pressure flow model.	16/09/23	16/09/23	
	7	Unit Test/Assignment/ Quiz	18/09/23	18/09/23	
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:			
Unit II (07)	8	Carbon Oxidation Krebs cycle/ Glycolysis	19/09/23	19/09/23	
	9	Fate of pyruvate- aerobic and anaerobic respiration and fermentation,	20/09/23	20/09/23	
	10	Mitochondrial electron transport,	21/09/23	21/09/23	
	11	Oxidative phosphorylation,	22/09/23	22/09/23	
	12	ATP-Synthetase, Chemiosmotic mechanism,	23/09/23	23/09/23	
	13	Chemiosmotic mechanism, P/O ratio, cyanide-resistant respiration	25/09/23	25/09/23	
	14	Unit Test/Assignment/ Quiz	26/09/23	26/09/23	
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:			
Unit III (06)	15	Nitrate assimilation	27/09/23	27/09/23	
	16	Physiology and biochemistry of nitrogen fixation,	28/09/23	28/09/23	
	17	Ammonia assimilation (GS-GOGAT),	29/09/23	29/09/23	
	18	Reductive amination and transamination, amino acid synthesis.	30/09/23	30/09/23	
	19	Amino acid synthesis.	03/10/23	03/10/23	
	20	Unit Test/Assignment/ Quiz	04/10/23	04/10/23	
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:			
Unit IV (06)	21	Lipid Metabolism & Photosynthesis:	05/10/23	05/10/23	
	22	Oxidation, Glyoxylate cycle	06/10/23	06/10/23	
	23	Gluconeogenesis and its role in mobilization of lipids during seed germination	07/10/23	07/10/23	
	24	Oxidation. ; Photosynthesis: Pigments,	09/10/23	09/10/23	
	25	C3 & C4 photosynthesis,CAM- Reaction and Significance,	10/10/23	10/10/23	
	26	Unit Test/Assignment/ Quiz	11/10/23	11/10/23	
Signed by →		(After Complete the Unit) Faculty: HOD: Dean/Director:			

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Contd to back page.

SHRI RAM COLLEGE, MUZAFFARNAGAR QIP-2 Session: 2023-24

Name of Faculty:- Rama Madan Institute:-Shri Ram College , Muzaffarnagar Department:-Basic Science

Subject & Code :-0620402 Year & Semester :- Third & Sixth Total Lecture:- 85

COURSE COVERAGE PLAN/LECTURE PLAN (THEORY)

PLANNED				ACTUAL	
Unit No. (No. of Periods Allotted)	Lecture No.	Name of Topics	Planned Date	Actual Date	Remarks
I Unit (10)	1	Land Utilization,Soil degradation and management strategies;	20-03-24	20-03-24	
	2	Restoration of degraded lands., Water,	21-03-24	92-03-24	
	3	Wetlands; Threats and management strategies, Ramsar sites,	22-03-24	22-03-24	
	4	Energy: Renewable and non-renewable sources of energy,	26-03-24	26-03-24	
	5	Contemporary practices in resource management: EIA, GIS,	27-03-24	27-03-24	
	6	Participatory Resource Appraisal,	27-03-24	27-03-24	
	7	Ecological Footprint with emphasis on carbon footprint,	28-03-24	28-03-24	
	8	Revision/Problem Solving / Assignment/Unit Test	29-03-24	29-03-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
II Unit (13)	9	Definition of Ecology, Ecological Factors,	30-03-24	30-03-24	
	10	Ecosystem – Concept of an ecosystem-structure and function of an ecosystem.	01-04-24	01-04-24	
	11	Abiotic and biotic components and their interrelationship	02-04-24	02-04-24	
	12	Biogeochemical and hydrological cycles,Energy flow in an Ecosystem	03-04-24	03-04-24	
	13	Ecological Succession-Definition & types.	03-04-24	03-04-24	
	14	Hydrosere and Xerosere.Food chains and food webs	04-04-24	04-04-24	
	15	Concept of Ecological perturbations and balance,Ecological pyramids,	06-04-24	06-04-24	
	16	Types of ecosystems: Natural and Man-made- Forest Grassland, Aquatic and AgroEcosystems	08-04-24	08-04-24	
	17	Revision/Problem Solving / Assignment/Unit Test	09-4-24	09-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
III Unit (05)	18	Soil: Origin, Formation, composition, Soil types,	10-04-24	10-04-24	
	19	Biogeochemical cycles,	12-04-24	12-04-24	
	20	Soil Conservation: Biological-- Contour farming	13-04-24	13-04-24	
	21	Mechanical--Basin Listing,Soil Reclamation	15-04-24	15-04-24	
	22	Revision/Problem Solving / Assignment/ Unit Test	16-04-24	16-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
IV Unit (11)	23	Definition -genetic, species, and ecosystem diversity.	18-04-24	18-04-24	
	24	Value of biodiversity: Indian socio-cultural,ethical and aesthetic values;	18-04-24	18-04-24	
	25	Biotic communities and populations, their characteristics and dynamics.	20-04-24	20-04-24	
	26	Endemic and endangered species of plants in India	22-04-24	22-04-24	
	27	Red data book, botanical gardens, National park	23-04-24	23-04-24	
	28	Sanctuaries, hot & hottest spots and Biosphere reserves.	24-04-24	24-04-24	
	29	Role of Seed Bank and Gene Bank Valuing plant resources, ecotourism,	25-04-24	25-04-24	
	30	Role of NBPGR, FAO, BSI, Indian value system	26-04-24	26-04-24	
	31	Revision/Problem Solving/Assignment/Unit Test	26-04-24	26-04-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
V Unit (7)	32	Biogeographic regions of India & world,	27-04-24	27-04-24	
	33	Agroecological & Floristic zones of India.	29-04-24	29-04-24	
	34	Natural vegetation of India, static and dynamic plant geography	30-04-24	30-04-24	
	35	Basic principles governing geographical distribution of plants,	01-05-24	01-05-24	
	36	Phytogeographical regions of India,	02-05-24	02-05-24	
	37	Vegetational types in Uttar Pradesh.	03-05-24	03-05-24	
	38	Revision/Problem Solving/ Assignment/Unit Test	04-05-24	04-05-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
VI Unit (10)	39	Elementary knowledge: Concept of environmental audit;	04-05-24	04/05/24	
	40	Guidelines of environmental audit;	06-05-24	09-05-24	
	41	Methodologies adopted along with some industrial case studies;	07-05-24	10-05-24	
	42	Life cycle analysis; Concept of energy and green audit,	08-05-24	15-05-24	
	43	Strategies and debates on sustainable development;	09-05-24	16-05-24	
	44	India's environment action programme: issues, approaches	10-05-24	17-05-24	
	45	initiatives towards Sustainability;	11-05-24	18-05-24	
	46	Revision/Problem Solving/ Assignment/Unit Test	13-05-24	20-05-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
VII Unit (16)	47	Environmental pollution, Environmental protection laws,Bioremediation,	14-05-24	20-05-24	Extra class
	48	Activated Sludge Process (ASP) – Trickling Filters – oxidation ponds,	15-05-24	20-05-24	
	49	Fluidized bed reactors, membrane bioreactor, neutralization,ETP sludge management;	16-05-24	21-05-24	
	50	Digesters, up flow anaerobic sludge blanket reactor,	17-05-24	22-05-24	
	51	Implementation of CNG ;Waste- Types , collection and disposal,	18-05-24	23-05-24	
	52	Recycling of solid wastes (hazardous & non-hazardous)	18-05-24	23-05-24	
	53	Classification, collection and segregation ,	20-05-24	24-05-24	Extra class
	54	Sanitary landfilling; composting, Biogas production	20-05-24	24-05-24	
	55	Circular Economy & sustainability	21-05-24	24-05-24	
	56	Revision/Problem Solving / Assignment	22-05-24	25-05-24	
	57	Unit Test	23-05-24	27-05-24	
Signed by →		(After Complete the Unit) Faculty: HOD : Dean/Director :			
	58	Carbon credit: concept, exchange of carbon credits	24-05-24	27-05-24	Extra class
	59	Climate change, global warming, acid rain, ozone layer depletion, n	25-05-24	27-05-24	
	60	Wasteland reclamation. Consumerism and waste products.	27-05-24	29-05-24	

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VIII Unit (13)	61	Geographical Information Systems: definitions and components;	28-05-24	29-05-24	Extra class
	62	GPS survey, data import, processing, and mapping.	29-05-24	29-05-24	
	63	Applications and case studies of remote sensing and GIS in land use planning,	29-05-24	30-05-24	Extra class
	64	Revision/Problem Solving/Assignment	30-05-24	30-05-24	
	65	Unit Test	31-05-24	31-05-24	
Signed by →		(After Complete the Unit) Faculty:	HOD :	Dean/Director :	

Approved By :
Signature of Dean/Director

Checked By:
Signature of HOD

Prepared By:
Signature of Faculty

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SHRI RAM COLLEGE, MUZAFFARNAGAR

(QIP-3)

Name of Faculty:- Kehkasha Mirza
Department/Course: BAJMC
Subject & Code :- Advertising & Public Relation
Semester :-Ist Sem Lecture:- 60

ACADEMIC CURRICULUM COVERAGE/LECTURE PLAN (THEORY)

Unit No. (With No. of Periods Allotted)	Topics with Periods/Session	Methodology (Lecture/Assignment/Test/Revision/Problem Solving)	Date of Conduct		Deviation (if any)
			Planned Date	Actual Date	
I Unit (04)	Topic-1: What is Advertising	Lecture-1	11/09/23	11/09/23	
	Topic-2: Concept & Definition of Advertising	Lecture-2	12/09/23	12/09/23	
	Topic-3: Types & Function of Advertising	Lecture-3	13/09/23	13/09/23	
	Topic-4 : Evolution of Advertising	Lecture-4	14/09/23	14/09/23	
	Revision/Problem Solving of Unit -1				
	Unit Test-1				
II Unit (10)	Topic-1: Advertising Agencies	Lecture-5	15/09/23	15/09/23	
	Topic-2: Types of Advertising Agencies	Lecture-6	16/09/23	16/09/23	
	Topic-3. Advertising Agencies the Indian scenario	Lecture-7	18/09/23	18/09/23	
	Topic-4. Advertising Agencies Structure	Lecture-8	19/09/23	19/09/23	
	Topic-5. Advertising Agencies function	Lecture-9	20/09/23	20/09/23	
	Topic-6. How do Agencies Earn Revenue	Lecture-10	21/09/23	21/09/23	
	Topic-7. Advertising & Marketing MIX	Lecture-11	22/09/23	22/09/23	
	Topic 8. Advertising Research	Lecture-12	23/09/23	23/09/23	
	Topic-9. Market Research	Lecture-13	25/09/23	26/09/23	
	Topic-10. Survey of Advertising	Lecture-14	26/09/23	27/09/23	
	Revision/Problem Solving of Unit -II				
	Unit Test-II				
III Unit (09)	Topic-1. Theories of Advertising	Lecture-15	27/09/23	28/09/23	
	Topic-2. Motivational Theory	Lecture-16	28/09/23	29/09/23	
	Topic-3.Consumer Behavior	Lecture-17	29/09/23	03/10/23	
	Topic-4. Advertising Appeals	Lecture-18	30/09/23	04/10/23	
	Topic-5.Personal Appeals	Lecture-19	03/10/23	05/10/23	
	Topic-6. Social Appeals	Lecture-20	04/10/23	06/10/23	
	Topic-7.Humor Appeals	Lecture-21	05/10/23	07/10/23	
	Topic-8.Fear & Romantic Appeals	Lecture-22	06/10/23	09/10/23	
	Topic-9. Endorsement & Youth Appeals	Lecture-23	07/10/23	10/10/23	

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	Revision/Problem Solving of Unit -III **Unit Test-III**				
IV Unit (08)	Topic-1. Consumer Behavior Factor	Lecture-24	09/10/23	11/10/23	
	Topic-2. Models of Advertising	Lecture-25	10/10/23	12/10/23	
	Topic-3. Brand Positioning.	Lecture-26	11/10/23	16/10/23	
	Topic-4. Creative Strategies-Creative Ads.	Lecture-27	12/10/23	17/10/23	
	Topic-5.Ads for FMCG Product	Lecture-28	13/10/23	18/10/23	
	Topic-6. Brand Promotion & Sale promotion	Lecture-29	14/10/23	19/10/23	
	Topic-7 Advertising & Ethics	Lecture-30	16/10/23	20/10/23	
	Topic-8. ASCI	Lecture-31	17/10/23	21/10/23	
	Revision/Problem Solving of Unit -IVth **Unit Test-IVth**				
V Unit (08)	Topic-1. Advertising Research	Lecture-32	18/10/23	25/10/23	
	Topic-2. Importance of Ad Research	Lecture-33	19/10/23	26/10/23	
	Topic-3. Types of Ad Research.	Lecture-34	20/10/23	27/10/23	
	Topic-4. Online Advertising	Lecture-35	21/10/23	28/10/23	
	Topic-5. Process of Online Advertising	Lecture-36	25/10/23	30/10/23	
	Topic-6 Types of Online Advertising	Lecture-37	26/10/23	31/10/23	
	Topic-7 CPC	Lecture-38	27/10/23	01/11/23	
	Topic-8. CPM & Other Method	Lecture-39	28/10/23	02/11/23	
	Revision/Problem Solving of Unit -Vth **Unit Test-Vth**				
VI Unit (08)	Topic-1. Public Relation	Lecture-40	30/10/23	03/11/23	
	Topic-2. Nature & Scope	Lecture-41	31/10/23	04/11/23	
	Topic-3. History & Definition.	Lecture-42	01/11/23	06/11/23	
	Topic-4. Role & Function of PR	Lecture-43	02/11/23	07/11/23	
	Topic-5. Publicity & Public Opinion	Lecture-44	03/11/23	08/11/23	
	Topic-6 Propaganda	Lecture-45	04/11/23	09/11/23	
	Topic-7 Public Affairs	Lecture-46	06/11/23	16/11/23	
	Topic-8. Lobbing	Lecture-47	07/11/23	17/11/23	
	Revision/Problem Solving of Unit -VIth **Unit Test-VIth**				

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VII Unit (08)	Topic-1. PR Tools	Lecture-48	08/11/23	18/11/23	
	Topic-2. House Journals	Lecture-49	09/11/23	20/11/23	
	Topic-3. Press Conference	Lecture-50	15/11/23	21/11/23	
	Topic-4. Press Release	Lecture-51	16/11/23	22/11/23	
	Topic-5. Exhibition, Advertising	Lecture-52	17/11/23	23/11/23	
	Topic-6 Media Tours	Lecture-53	18/11/23	28/11/23	
	Topic-7 PR in Public Sector	Lecture-54	20/11/23	29/11/23	
	Topic-8. Private Sector, Multinationals	Lecture-55	21/11/23	30/11/23	
	Revision/Problem Solving of Unit -VIIth				
	Unit Test-VIIt				
VIII Unit (05)	Topic-1. PRSI Theories	Lecture-56	22/11/23	01/12/23	
	Topic-2. Symmetrical & Asymmetrical	Lecture-57	23/11/23	02/12/23	
	Topic-3. PRO	Lecture-58	24/11/23	04/12/23	
	Topic-4. Corporate Communication	Lecture-59	25/11/23	05/12/23	
	Topic-5. Corporate Image, Identity	Lecture-60	27/11/23	06/12/23	
	Revision/Problem Solving of Unit -VIIIth				
	Unit Test-VIIIth				

Assistance Needed:

1) **All 4Units Covered in Total 60 Lectures.**
2) **4 Lectures for Unit Tests.**
3) **4 Lectures for Revision/Problem Solving.**

Date:- 11/09/2023 **Signature of HOD:** **Signature of Faculty:**

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty:- Kehkasha Mirza
Subject & Code :- Value Education

(QIP-3)
Department/Course:BAJMC
Semestre :-Ist Sem Lecture:- 60

ACADEMIC CURRICULUM COVERAGE/LECTURE PLAN (THEORY)

Unit No. (With No. of Periods Allotted)	Topics with Periods/Sessions	Methodology (Lecture/Assignment/Test/Revision/Problem Solving)	Date of Conduct		Deviation (if any)
			Planned Date	Actual Date	
I Unit (04)	Topic-1: Meaning and significance of Value	Lecture-1	18/09/23	18/09/23	
	Topic-2: Need of Value Education	Lecture-2	19/09/23	19/09/23	
	Topic-3: Types of Value	Lecture-3	20/09/23	20/09/23	
	Topic-4 : Role of culture in Value Education	Lecture-4	21/09/23	21/09/23	
	Topic-5 : Role of Tradition in Value Education	Lecture-5	22/09/23	22/09/23	
	Revision/Problem Solving of Unit -1				
	Unit Test-1				
II Unit (10)	Topic-1: Value Education for Indian Society	Lecture-6	23/09/23	23/09/23	
	Topic-2: Bhagwat Geeta	Lecture-7	25/09/23	26/09/23	25/09/23 Holiday
	Topic-3. Role of Bhagwat Geeta in Indian values and culture	Lecture-8	26/09/23	27/09/23	
	Topic-4. Role of Bhagwat Geeta in Indian values and culture	Lecture-9	27/09/23	28/09/23	
	Topic-5. Incidents in Bhagwat Geeta who helped us in present scenario	Lecture-10	28/09/23	29/09/23	
	Topic-6.Morals, sacrifices	Lecture-11	29/09/23	30/09/23	
	Topic-7. Values and culture	Lecture-12	30/09/23	03/10/23	30th Dashera Holiday
	Revision/Problem Solving of Unit -II	Lecture-13	03/10/23	04/10/23	
	Unit Test-II	Lecture-14	04/10/23	05/10/23	
III Unit (09)	Topic-1. Value education	Lecture-15	05/10/23	06/10/23	
	Topic-2. Education for self development	Lecture-16	06/10/23	07/10/23	
	Topic-3.self analysis	Lecture-17	07/10/23	09/10/23	
	Topic-4. Introspection	Lecture-18	09/10/23	10/10/23	
	Topic-5. Examples of Values Education from around the world	Lecture-19	10/10/23	11/10/23	
	Revision/Problem Solving of Unit -III	Lecture-20	11/10/23	12/10/23	
	Unit Test-III	Lecture-21	12/10/23	16/10/23	

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IV Unit (08)	Topic-1 Sensitization towards Equality	Lecture-24	16/10/23	17/10/23	
	Topic-2. Sensitization towards Physically Challenged	Lecture-25	17/10/23	18/10/23	
	Topic-3. Sensitization towards Mentally Challenged	Lecture-26	18/10/23	19/10/23	
	Topic-4. Respect to persons according the basis of their age.	Lecture-27	19/10/23	20/10/23	
	Topic-5. Rules of the society	Lecture-28	20/10/23	21/10/23	
	Topic-6 Respect to persons according the basis of their Experience	Lecture-29	21/10/23	25/10/23	
	Revision/Problem Solving of Unit -IVth	Lecture-30	25/10/23	26/10/23	
	Unit Test-IVth	Lecture-31	26/10/23	27/10/23	
V Unit (08)	Topic-1. Value education for nation building	Lecture-32	27/10/23	28/10/23	
	Topic-2. Value education in the development of Nation.	Lecture-33	28/10/23	30/10/23	
	Topic-3. Why Education for Values	Lecture-34	30/10/23	31/10/23	
	Topic-4. Respect to Indian constitution and National Values	Lecture-35	31/10/23	01/11/23	
	Topic-5. Basic Objectives of and value of Indian Constitution	Lecture-36	01/11/23	02/11/23	
	Topic-6 Sovereignty, Socialism, Secularism	Lecture-37	02/11/23	03/11/23	
	Revision/Problem Solving of Unit -Vth	Lecture-38	03/11/23	04/11/23	
	Unit Test-Vth	Lecture-39	04/11/23	06/11/23	
VI Unit (08)	Topic-1. Democracy, Justice, Secularism	Lecture-40	06/11/23	07/11/23	
	Topic-2. Republic, Liberty	Lecture-41	07/11/23	08/11/23	
	Topic-3. Equality, Dignity of the Individual	Lecture-42	08/11/23	09/11/23	
	Topic-4. Unity and integrity of the Nation	Lecture-43	09/11/23	16/11/23	
	Topic-5. Fundamental Duties	Lecture-44	15/11/23	17/11/23	
	Topic-6 Fundamental Rights	Lecture-45	16/11/23	18/11/23	
	Topic-7 Demographic Character of Indian Society	Lecture-46	17/11/23	20/11/23	
	Topic-8. Religious demographics	Lecture-47	18/11/23	21/11/23	
	Revision/Problem Solving of Unit -VIth				
	Unit Test-VIth				
VII Unit (08)	Topic-1. Media and Social Values	Lecture-48	20/11/23	22/11/23	
	Topic-2. Role of media in value education	Lecture-49	21/11/23	23/11/23	
	Topic-3. Importance of Media in Social Ethics	Lecture-50	22/11/23	28/11/23	
	Topic-4. What should be published in favor of the promotion of values?	Lecture-51	23/11/23	29/11/23	
	Topic-5. Features of Indian Society	Lecture-52	24/11/23	30/11/23	
	Topic-6 Role of voluntary organisation in value education	Lecture-53	25/11/23	01/12/23	
	Revision/Problem Solving of Unit -VIIth	Lecture-54	27/11/23	02/12/23	
	Unit Test-VIIth	Lecture-55	28/11/23	04/12/23	

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VIII Unit (05)	Topic-1 Role of media in creating awareness	Lecture-56	29/11/23	05/12/23
	Topic-2. Role of media in creating social awareness	Lecture-57	30/11/23	06/12/23
	Topic-3. Role of various institutes in inculcating values	Lecture-58	01/12/23	07/12/23
	Topic-4. Role of Media in inculcating values	Lecture-59	02/12/23	08/12/23
	Revision/Problem Solving of Unit -VIIIth	Lecture-60	03/12/23	09/12/23
	Unit Test-VIIIth			14/12/2023

Assistance Needed:

1) **All 4Units Covered in Total 60 Lectures.**
2) **4 Lectures for Unit Tests.**
3) **4 Lectures for Revision/Problem Solving.**

Date:-14/12/2023 **Signature of HOD:-** **Signature of Faculty:-**

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SHRI RAM COLLEGE, MUZAFFARNAGAR

Name of Faculty: - MAYANK VERMA
Subject &Code :- CORPORATE COMMUNICATION

Department/Course: JMC/BAJMC
Semestre :- Ist Sem
Total Lecture:- 65

ACADEMIC CURRICULUM COVERAGE/LECTURE PLAN (THEORY)

Unit No. (With No. of Periods Allotted)	Topics with Periods/Sessions	Methodology (Lecture/Assignment/Test/ Revision/Problem Solving)	Date of Conduct		Deviation (if any)
			Planned Date	Actual Date	
I Unit (06)	Topic -1 Corporate Communication	Lecture-1	18/9/23	18/9/23	
	Topic-2 Concept OF Corporate Communication	Lecture-2	19/9/23	19/9/23	
	Topic-3 Definitions OF Corporate Communication	Lecture-3	20/9/23	20/9/23	
	Topic-4 Definitions OF Corporate Communication	Lecture-4	21/9/23	21/9/23	
	Topic-5 Evolution of Corporate Communication	Lecture-5	22/9/23	22/9/23	
	Topic-6 Evolution of Corporate Communication	Lecture-6	23/9/23	23/9/23	
	Revision/Problem Solving of Unit -1/ Unit Test-1	Lecture-7	25/9/23	25/9/23	
II Unit (06)	Topic-1 Corporate Communication Functions	Lecture-8	26/9/23	26/9/23	
	Topic-2- Need for Corporate Communication	Lecture-9	27/9/23	27/9/23	
	Topic-3 Need for Corporate Communication	Lecture-10	28/9/23	28/9/23	
	Topic-4 Corporate Public Relations.	Lecture-11	29/9/23	29/9/23	
	Topic-5 Corporate Public Relations	Lecture-12	30/9/23	3/10/23	
	Revision/Problem Solving of Unit -2/ Unit Test-2	Lecture-13	3/10/23	4/10/23	
		Lecture-14	4/10/23		

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III Unit (09)	Topic-1 Corporate Social Responsibility	Lecture-15	5/10/23	7/10/23
	Topic-2 Corporate Social Responsibility	Lecture-16	6/10/23	10/10/23
	Topic-3 Corporate Communication and Management.	Lecture-17	7/10/23	12/10/23
	Topic-4 Corporate Communication and Management.	Lecture-18	9/10/23	13/10/23
	Revision/Problem Solving of Unit -3/	Lecture-19	10/10/23	14/10/23
	Unit Test-3	Lecture-20	11/10/23	16/10/23
IV Unit (08)	Topic-1 Defining strategy and its relevance in Corporate Communication	Lecture-21	12/10/23	17/10/23
	Topic-2 Defining strategy and its relevance in Corporate Communication	Lecture-22	13/10/23	20/10/23
	Topic-3 Campaign planning	Lecture-23	14/10/23	21/10/23
	Topic-4 Crisis management Techniques	Lecture-24	16/10/23	25/10/23
	Revision/Problem Solving of Unit -4	Lecture-25	17/10/23	26/10/23
	Unit Test-4	Lecture-26	18/10/23	27/10/23
V Unit (8)	Topic-1 Media Planning	Lecture-27	19/10/23	28/10/23
	Topic-2 Media Selection	Lecture-28	20/10/23	30/10/23
	Topic-3 Building a distinct	Lecture-29	21/10/23	1/11/23
	Topic4- Corporate identity	Lecture-30	25/10/23	2/11/23
	Topic-5 Making of Logo	Lecture-31	26/10/23	3/11/23
	Topic -6 House style	Lecture 32	27/10/23	4/11/23
	Topic-7 Lettering andprocess	Lecture-33	28/10/23	6/11/23
	Revision/Problem Solving of Unit -5	Lecture-34	30/10/23	7/11/23
	Unit Test-5			

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VI Unit (6)	Topic-8 Organizing press Conferences Topic- 9 Organizing press Conferences Topic- 10 Press Briefings Topic- 11 Proactive andreactive media relations. Topic-12 Proactive andreactive media relations. **Revision/Problem Solving of Unit -6** **Unit Test-6**	Lecture-34 Lecture-35 Lecture-36 Lecture-37 Lecture-38 Lecture-39 Lecture-40	1/11/23 2/11/23 3/11/23 4/11/23 6/11/23 7/11/23 8/11/23	8/11/23 9/11/23 16/11/23 12/11/23 20/11/23	
VII Unit (6)	Topic-1 Brand Topic-2 : Meaning of brands Topic-3 Concept of brands Topic-4. Characteristics of brands Topic-5 Product Topic 6- Product vs. Corporate Branding Topic-7 Functions of Brand, .Topic-8 Process of Branding **Revision/Problem Solving of Unit -7** **Unit Test-7**	Lecture-41 Lecture-42 Lecture-43 Lecture-44 Lecture-45 Lecture-46 Lecture-47 Lecture-48 Lecture-49 Lecture-50	9/11/23 15/11/23 16/11/23 17/11/23 18/11/23 20/11/23 21/11/23 22/11/23 23/11/23 24/11/23	28/11/23 29/11/23 5/12/23 6/12/23 7/12/23 8/12/23 9/12/23	
VIII Unit (8)	Topic-1 Developing Brand Identity Topic-2 Developing Brand Personality Topic-3 Brand Strategies, Topic-4 Brand Sponsorship Topic-5 Brand Extension	Lecture-51 Lecture-52 Lecture-53 Lecture-54 Lecture-55	25/11/23 28/11/23 29/11/23 1/12/23 4/12/23	12/12/23 13/12/23 15/12/23	

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	Topic-6 Multiple Branding Topic-7 , Co-branding its type. **Revision/Problem Solving of Unit -8** **Unit Test-8**	Lecture-56 Lecture-57 Lecture-58 Lecture-59 Lecture-60	5/12/23 6/12/23 7/12/23 8/12/23 9/12/23	06/12/23 08/12/23 12/12/23 12/12/23 12/12/23	

Assistance Needed:

1) **All 8 Units Covered in Total 66 Lectures.**
2) **8 Lectures for Revision/Problem Solving/ Unit Tests.**

Date:- 18/09/23 **Signature of HOD: -** **Signature of Faculty: -**

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SHRI RAM COLLEGE, MUZAFFARNAGAR

(QIP-3)

Name of Faculty: - Ravi Gautam

Department/Course: MAJMC

Subject &Code :-SOCIAL & POLITICAL SYSTEM OF INDIA, 104 Semestre :- Ist Total Lecture:- 60

ACADEMIC CURRICULUM COVERAGE/LECTURE PLAN (THEORY)

Unit No. (With No. of Periods Allotted)	Topics with Periods/Sessions	Methodology (Lecture/Assignment/Test/ Revision/Problem Solving)	Date of Conduct		Deviation (i any)
			Planned Date	Actual Date	
I Unit (12)	Topic -1What is Society?	Lecture-1	01/11/23	1/11/2023	
	Topic-2 What is the concept of Society?	Lecture-2	02/11/23	2/11/2023	
	Topic-3 Definition of Society	Lecture-3	03/11/23	3/11/2023	
	Topic-4 What is the meaning of Social Institution?	Lecture-4	04/11/23	4/11/2023	
	Topic-5 Difference Between Family, Community and Social Change.	Lecture-5	06/11/23	6/11/2023	
	Topic-6 What is the concept of Social change?	Lecture-6	07/11/23	7/11/2023	
	Topic7-Process and types of Social change	Lecture-7	08/11/23	8/11/2023	
	Topic-8 Types of Society & Communication	Lecture-8	09/11/23	9/11/2023	
	Topic-9 Society in Ancient, Recent Past & Present, Social Issues and Mass Media	Lecture-9	15/11/23	16/11/2023	
	Topic-10 What is Human Right?	Lecture-10	16/11/23	21/11/2023	
	Topic-11 What is Consumerism?	Lecture-11	17/11/23	22/11/2023	
	Topic-12 What is the meaning of Women Empowerment?	Lecture-12	18/11/23	23/11/2023	
	Revision/Problem Solving of Unit -1				
	Unit Test-1				
II Unit (12)	Topic-13 What is Culture?	Lecture-13	20/11/23	28/11/2023	
	Topic-14 Concept & its Definition	Lecture-14	21/11/23	29/11/2023	
	Topic-15 Difference Between Culture, Tradition & Values	Lecture-15	22/11/23	30/11/2023	
	Topic-16 Difference Between Culture, Tradition & Values	Lecture-16	23/11/23	1/12/2023	
	Topic-17 Aspects of India Culture.	Lecture-17	24/11/23	4/12/2023	
	Topic-18 Aspects of India Culture.	Lecture-18	25/11/23	5/12/2023	
	Topic-19 What is Individualism?	Lecture-19	27/11/23	6/12/2023	

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	Topic-20 What is Collectivism?	Lecture-20	28/11/23	7/12/
	Topic-21 What is Intercultural Communication?	Lecture-21	29/11/23	8/12/
	Topic -22 Unity in Diversity	Lecture-22	30/11/23	9/12/
	Topic-23 Individual Collectivism on religion, cast	Lecture-23	01/12/23	12/12/
	Topic-24 Individual Collectivism on the base of ideology political thinking Community, group	Lecture-24	02/12/23	13/12/
	Revision/Problem Solving of Unit -2 **Unit Test-2**			
III Unit (12)	Topic-25 Media Audiences.	Lecture-25	04/12/23	14/12/
	Topic-26 Types of Media Audiences	Lecture-26	05/12/23	15/12/
	Topic-27 Reach Of Media	Lecture-27	06/12/23	16/12/
	Topic-28 Access of Media Across the country	Lecture-28	07/12/23	18/12/
	Topic 29-Participation of Community	Lecture-29	08/12/23	25/12/
	Topic-30- Community participation in access of media.	Lecture-30	09/12/23	27/12/
	Topic-31 Impact of Media on Indian Society.	Lecture-31	11/12/23	28/12/
	Topic-32 Reaction of Indian Society on Media	Lecture-32	12/12/23	29/12/
	Topic- 33 Role of Media in Society	Lecture-33	13/12/23	8/1/
	Topic- 34 Responsibility of media in society	Lecture-34	14/12/23	9/1/
	Topic- 35 Impact of OTT platform in society	Lecture-35	15/12/23	10/1/
	Topic- 36 Positive impact of	Lecture-36	16/12/23	11/1/
	Revision/Problem Solving of Unit -3 **Unit Test-3**			
IV Unit (12)	Topic-37 Indian Constitution & Characteristics of Indian Constitution.	Lecture -37	18/12/23	23/1/

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	Topic-38 Salient Features of Indian Constitution.	Lecture-38	19/12/23	15/1/2024
	Topic-39 Fundamentals Rights.	Lecture-39	20/12/23	16/1/2024
	Topic-40 Directive Principles of States.	Lecture-40	21/12/23	17/1/2024
	Topic-41 Central & State Government Relation prescribed by Indian Constitution.	Lecture-41	29/12/23	18/1/2024
	Topic-42 Parliamentary system Of India.	Lecture-42	23/12/23 26/12/23	19/1/2024 20/1/2024
	Topic-43 Legislative System of India.	Lecture-43	27/12/23	24/1/2024
	Topic-44 Indian Judiciary System.	Lecture-44	28/12/23	25/1/2024
	Topic-45 Supreme Court of India & High Courts.	Lecture-45	29/12/23	26/1/2024
	Topic- 46 Sessions, District Courts	Lecture-46	30/12/23	27/1/2024
	Topic-47 Indian Political System & Specific Features of Indian Political System.	Lecture-47	01/01/24	28/1/2024
	Topic-48 National Political parties of India & State level Political Parties of India.	Lecture-48		
	Revision/Problem Solving of Unit -4			
	Unit Test-4			
V Unit (12)	Topic-49Basic Feature of Indian Economy.	Lecture-49	03/01/24	29/1/2024
	Topic-50 Basic Economic terms.	Lecture-50	03/01/24	30/1/2024
	Topic-51 Per Capita Income.	Lecture-51	04/01/24	31/1/2024
	Topic-52What is GDP?	Lecture-52	05/01/24	01/2/2024
	Topic-53 What is Budget, General Budget?	Lecture-53	06/01/24	01/2/2024
	Topic-54 Rail Budget, Inflation.	Lecture-54	08/01/24	02/2/2024
	Topic-55 Economic Planning in India.	Lecture-55	09/01/24	02/2/2024

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	Topic-56 Liberalization, Privatization.	Lecture-56	10/01/24	02/2/2024	
	Topic-57 Globalization, Stock Market.	Lecture-57	11/01/24	03/2/2024	
	Topic-58 Working Process of Stock Market.	Lecture-58	12/01/24	03/2/2024	
	Topic-59 Devaluation.	Lecture-59	13/01/24	03/02/2024	
	Topic-60 FDI.	Lecture-60	15/01/24	05/2/2024	
	Revision/Problem Solving of Unit -5				
	Unit Test-5				

Assistance Needed:

1) **All 5 Units Covered in Total 60 Lectures.**
2) **5 Lectures for Unit Tests.**
3) **5 Lectures for Revision/Problem Solving.**

Date:- 01/11/2023 **Signature of HOD:-** **Signature of Faculty: -**

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SHRI RAM COLLEGE, MUZAFFARNAGAR

(QIP-3)

Name of Faculty:- Shiwani Berman

Department/ Course: JMC/BAJMC

Subject &Code :- General English

Semester :- II

Total Lecture:- 60

ACADEMIC CURRICULUM COVERAGE/LECTURE PLAN (THEORY) 2023-24 Even Semester

Unit No. (With No. of Periods Allotted)	Topics with Periods/Sessions	Methodology (Lecture/Assignment/Test/Revision/Problem Solving)	Date of Conduct		Deviation (if any)
			Planned Date	Actual Date	
I Unit (10)	Topic -1 What is Articles & its types	Lecture-1	02/04/24	02/4/24	
	Topic -2 Definite and Indefinite	Lecture-2	03/04/24	3/4/24	
	Topic -3 Parts of Speech & its Types	Lecture-3	04/04/24	4/4/2024	
	Topic-4 Noun & Pronoun	Lecture-4	05/04/24	05/04/2024	
	Topic -5 Adjectives & Verbs	Lecture-5	06/04/24	06/04/2024	
	Topic-6 Adverbs,& Propositions	Lecture-6	08/04/24	8/04/2024	
	Topic-7 Conjunctions & Interjections	Lecture-7	09/04/24	09/4/2024	
	Topic-8 Figure of Speech & its types	Lecture-8	10/04/24	10/04/2024	
	Topic-9 Simile , Metaphor & Personification	Lecture-9	12/04/24	12/04/2024	
	Topic-10 Apostrophe , Oxymoron, Onomatopoeia & Hyperbole	Lecture-10	13/04/24	13/04/2024	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**	**Dean/Director:**			

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II Unit (08)	Topic-11 Meaning of Sentence & Types of Sentence	Lecture- 11	15/04/2024	15/04/2024	
	Topic- 12 Simple Sentence & Compound Sentence	Lecture12	16/04/24	16/4/24	
	Topic- 13 Complex Sentence	Lecture-13	18/4/24	18/4/24	
	Topic-14 Prepositions & Prepositional Phrase	Lecture-14	19/4/24	20/4/24	Clarified 19/04/2024
	Topic-15 Indefinite Tense	Lecture-15	20/4/24	22/4/24	
	Topic-16 Continuous Tense	Lecture-16	22/4/24	23/4/24	
	Topic-17 Perfect Tense	Lecture-17	23/4/24	24/4/24	
	Topic-18 Perfect Continuous Tense	Lecture-18	24/4/24	25/4/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		
III Unit (06)	Topic-19 Correction of Common Errors	Lecture-19	25/4/24	26/4/24	
	Topic-20 Correction of Common Errors	Lecture-20	26/4/24	27/4/24	
	Topic-21 Choosing Correct Forms	Lecture-21	27/4/24	29/4/24	
	Topic-22 Choosing Correct Forms	Lecture-22	29/4/24	30/4/24	
	Topic-23 Rewriting Sentences	Lecture-23	30/4/24.	01/5/24	
	Topic-24 Rewriting Sentences	Lecture-24	01/05/24	02/5/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		
IV Unit (6)	Topic-25 Compound Words	Lecture-25	02/5/24	3/5/24	
	Topic-26 Words often mis-spelt and misused	Lecture-26	03/5/24	04/5/24	

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	Topic-27 Words often mis-spelt and misused	Lecture-27	04/5/24	06/5/24	
	Topic-28 Idioms	Lecture-28	06/5/24	07/5/24	
	Topic-29 Antonyms	Lecture-29	07/5/24	08/5/24	
	Topic-30 Synonyms	Lecture-30	08/5/24	09/5/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		
V Unit (6)	Topic-31 Homonyms	Lecture-31	09/5/24	10/5/24	
	Topic-32 Homonyms	Lecture-32	10/5/24	11/5/24	
	Topic-33 Acronyms	Lecture-33	11/5/24	13/5/24	
	Topic-34 Acronyms	Lecture-34	13/5/24	14/5/24	
	Topic-35.One word Substitutes	Lecture-35	14/5/24	15/5/24	
	Topic-36.One word Substitutes	Lecture-36	15/5/24	16/5/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		
VI Unit (8)	Topic-37 Composition	Lecture-37	16/5/24	17/5/24	
	Topic-38 Mechanics of Writing	Lecture-38	17/5/24	18/5/24	
	Topic-39 Translation	Lecture-39	18/5/24	20/5/24	
	Topic-40 Hindi to English Translation	Lecture-40	20/5/24	21/5/24	
	Topic -41 English to Hindi Translation	Lecture-41	21/5/24	22/5/24	
	Topic-42 Precis writing	Lecture-42	22/5/24	23/5/24	
	Topic-43 Paragraph	Lecture-43	23/5/24	24/5/24	
	Topic-44 Expansion	Lecture-44	24/5/24	25/5/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		

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VII Unit (6)	Topic-45 Use of English words in Hindi Journalism	Lecture-45	25/5/24	25/5/24	
	Topic-46 Curriculum Vitae/Resume	Lecture-46	27/5/24	25/5/24	22 to 31 May 2024 Internal Exam
	Topic-47 Principle of Resume Writing	Lecture-47	28/5/24	01/6/24	
	Topic-48 Types of Resume	Lecture-48	29/5/24	01/6/24	
	Topic-49 Resume for Job	Lecture-49	30/5/24	03/6/24	
	Topic-50 Difference between Resume and CV	Lecture-50	31/5/24	03/6/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		
VIII Unit (10)	Topic-51 Article writing	Lecture-51	01/6/24	04/6/24	
	Topic-52 Letter writing	Lecture-52	03/6/24	05/6/24	
	Topic-53 Types of Letter	Lecture-53	04/6/24	06/6/24	
	Topic-54 Application writing	Lecture-54	05/6/24	06/6/24	
	Topic-55 Types of Application	Lecture-55	06/6/24	07/6/24	
	Topic-56 Types of Application	Lecture-56	07/6/24	07/6/24	
	Topic-57 Types of Application	Lecture-57	08/6/24	08/6/24	
	Topic-58 Types of Application	Lecture-58	10/6/24	10/6/24	
	Topic-59 Types of Application	Lecture-59	11/6/24	12/6/24	
	Topic-60 Types of Application	Lecture-60	12/6/24	13/6/24	
	Revision/Problem Solving & Unit Test				
Remarks	**H0D:**		**Dean/Director:**		

Assistance Needed:

1) **All 8 Units Covered in Total 60 Lectures.**

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2) 8 Lectures for Unit Tests & Lectures for Revision/Problem Solving.

Date:- 02/4/24 Signature of HOD:- Signature of Faculty:-

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