

DEPARTMENT OF ZOOLOGY SESSION - 2019-20

W.E.F. 31.07.2019

	CLASS	I (9:00)	II (9:50)	III (10:40)	IV (11:30)	V (12:20)	VI (1:10)	VII (2:00)	VIII (2:50)
MONDAY	B.Sc I	BM + NG (A)	NG - Pr	BM (Th) B	BM (Th) A	SB (Th) A	SB (Th) B	GP	Pragati - Pr
	B.Sc II	(B)		MS	+ MV (B)		(B) SJ + Anshika Pr		
	B.Sc III	KC (Th) B	KC (Th) A						
	M.Sc I			NG					
	M.Sc II	MS		KC					
TUESDAY	B.Sc I	NG + MV (B)	Pr	KC (Th) B	KC (Th) A			SB + Anshika Pr	
	B.Sc II			GP	NG - Pr (B)	GP (Th) A	GP (Th) B		
	B.Sc III	MS (Th) B	MS (Th) A						
	M.Sc I	BM		MV					
	M.Sc II		MS	BM					
WEDNESDAY	B.Sc I	BM + MV (C)		SB (Th) A	SB (Th) B				
	B.Sc II			NG + BM - Pr		MS (Th) B	MS (Th) A		
	B.Sc III	GP (Th)	GP (Th)						
	M.Sc I	KC		GP					
	M.Sc II	NG		SJ					
THURSDAY	B.Sc I	BM + NG - Pr (C)	Pr	NG (Th) A	NG (Th) B				
	B.Sc II			SB + MV - Pr		KS (Th) B	KS (Th) A		
	B.Sc III	SJ (Th) A	SJ (Th) B						
	M.Sc I		KC	BM					
	M.Sc II	SB		GP					
FRIDAY	B.Sc I	BM + NG - Pr (A)	Pr			MS (Th) A	MS (Th) B		
	B.Sc II	SJ (Th) A	SJ (Th) B	BM + NG (A)					
	B.Sc III			SB (Th) A	SB (Th) B				
	M.Sc I	MS		MV					
	M.Sc II	MV		KC					
SATURDAY	B.Sc I	BM + NG - Pr (A)	Pr			GP (Th) A	GP (Th) B		
	B.Sc II	KC (Th) A	KC (Th) B	GP + BM (A)					
	B.Sc III			MV (Th) A	MV (Th) B				
	M.Sc I			SB					
	M.Sc II	MS		NG					

HEAD,  
ZOOLOGY DEPT  
R.C.P.G. COLLEGE, MEERUT

COURSE ALLOTTED

2019-20

S.No	Teacher's Name	P.G.	U.G.
1.	DR. SEEMA JAIN	M.Sc Sem I H1062 Economic Zoology & Taxonomy 1/2 P Sem II H2064 Mammalian Physio 1/2 P Sem III H1062 Chordata 1/2 P Sem IV H 4069 Fish Culture and its importance in Fishery Science	B.Sc II 1/2 P B 222 Physiology & Biochemistry B.Sc III 1/2 P B 320, B 321 Economic Zoology Immunology
2.	DR. GARIMA PUNDIR	M.Sc-I : I Sem Course I - Economic Zoology & Taxonomy non chordata M.Sc-II - course II Biostat & Bioinfo III Sem: - course III Environmental Biology IV sem, course IV Morphology & Physiology of fishes	B.Sc-I Paper II, higher non chordata B121 B.Sc-I Practical B.Sc-II course IV B.Sc-220 chordata B.Sc-II Practical B.Sc-III Paper II Biotechnology & Biostatistics B 321

Sl. No.	Teacher's Name	P.G.	U.G.
3.	DR. SHASHI BALA	<u>M.Sc. I Sem</u> Evolutionary Biology.	B.Sc I Higher Nonchordata, 1/2 P (B-121)
		<u>M.Sc II Sem.</u> Biostat. & Bioinformatics	B.Sc II Developmental Biology (B-221)
		<u>M.Sc III Sem</u> Developmental Biology	B.Sc III (B-320) Economic (Applied)
		<u>M.Sc IV Sem</u> General Fish Biology	zoology, <del>Evolution</del> 1/2 Paper
4.	DR. KALPANA CHAUDHARY	<u>M.Sc. Sem. II</u> Cell & Molecular biology H-1065	<u>B.Sc. II</u> Cell biology & Genetics, 1/2 P B-122
		<u>M.Sc. Sem. III</u> Biochemistry H-2065, 1/2 P	<u>B.Sc. III</u> Chordata, 1/2 P B-220
		<u>M.Sc. Sem. III</u> Animal Behaviour H-3065, 1/2 P	<u>B.Sc. III</u> Ecology, Microbio- logy, Animal beha- viour, pollution & Toxicology. 1/2 P B-322
		<u>M.Sc. Sem. IV</u> Applied fisheries Course-XVI-13 H-4069, 1/2 P	B.Sc. III Practical P-523

S.No.	Teacher's Name	P.G.	DATE	U.G.
5	MANJU SINGH	M.Sc. I Sem		B.Sc. I
		Non-chordata (H-1064)		Lower non-chordata
		M.Sc. II Sem <sup>1/2 Paper</sup>		B-120 (1/2 Paper)
		Genetics. H-20		B.Sc. II
		M.Sc. III Sem. <sup>1/2 paper</sup>		Animal Distribution
		Environmental Biology		Evolution, Deme. Biology
		H-3064 <sup>1/2 Paper</sup>		B-220 (1/2 Paper)
		M.Sc. IV Sem		B.Sc. III
		Applied Fisheries		Eco, Micro, Animal, Behaviour
		H-4069		Pollution
		<sup>1/2 Paper.</sup>		B-322 (1/2 Paper)

DATE

S.No.

Teacher's Name.

P.G.

U.G.

7

8.	DR. BARKHA MITHAL	M.Sc. Sem I Cell and Molecular biology H-1065	B.Sc. I year Cell Biology & Genetics 1/2 Ppr B-122 & Practical B.Sc. II Practical
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S.No.	Teacher's Name	P.G.	DATE
9	DR. NIDHI GOYAL	M.Sc I Sem.	U.G.
		Practical.	B.Sc. I Year.
		M.Sc III Sem.	(B120) - Phylum-
		Developmental	Porifera, Platyhelminths
		Biology (half	Aschelminthes,
		course)	
		(Unit - 1 a, b and	
		half of the c, Unit 2,	
		and Unit 3)	

Practical work (M.Sc) DATE     /    /    

1. DR. SEEMA JAIN.

Sem. I - Dissection of Sepia & Loligo

Sem. III - Skeleton of Turtle.

Sem II - Experiments related to Physiology -  
R.B.Cs estimation, WBCs estimation  
Hb percentage, Hemin crystal  
of blood.

Sem IV - Local fish fauna Bones of  
Wallago & Labeo.

2. DR. GARIMA PUNDIR.

Sem. I - Specimens of Porifera, Cnidaria,  
Helminthes, Arthropoda,  
Mollusca, Echinodermata &  
Minor Phyla.

Sem II - Problems of Biostatistics, Bioin-  
formatics, Power Point presentation

Sem III - Permanent slide preparations,  
Specimen of Chordata, Urochordata,  
Cephalochordata, Cyclostomata & Amphibia  
Experiments based on ecology.

Sem IV - Deep sea fishes, poisonous fishes,  
hill stream fishes, cold water  
fishes, water analysis.

3. DR. SHASHI BALA

Sem I - Slides of Porifera, Cnidaria, Helminthes, Annelida, Dissection of Earthworm, Practical of Evolutionary Biology.

Sem II - Problems of Biostatistics and Bioinformatics.

Sem III - Embryological slides of Frog and Chick.

Sem IV - Dissection of Wallago attu Cranial nerves, migratory fishes, Electric fishes, Luminescent fishes, Slides of fishes.

4. DR. KALPANA CHAUDHARY

Sem I - Nervous system of Craven and Squilla.

Minor dissection - Craven (Statocyst, Hastate plate). Cytological exercises - Prepared slides of Mitosis, Squash technique (Onion root tip), Giant Chromosomes.

Sem II - Biochemical tests - Carbohydrate, Protein, Lipid, Amylase, enzyme, Invertase enzyme.

Sem III - Animal behaviour exercises. Slides - Urochordata, Cephalochordata, Pisces, Amphibia, Reptilia.

Sem IV - Aquarium/ornamental fishes, nets & gears, transgenic fishes, crustacean fishes.



5. DR. MANJU SINGH.

DATE

11

SEM I - Octopus (Nervous System)

II - Blood group testing Problem on  
Population Genetics, Human karyotypes  
and Syndrome, Pedigree analysis,  
Problems on sex-linked inheritance,  
Nucleosome Model, Polytene  
chromosome, Lampbrush chromosome  
T4 Bacteriophage.

Biotechnology: RFLP, PCR, Southern &  
Northern blotting, DNA & RNA Isolation,  
SDS-page Electrophoresis --- Contd ---

Contd: - - DR. MANJU SINGH

Sem. III - Scoliodon - Cranial nerves,  
Internal Ear, Ecology Exercises,  
Chordate Osteology  
Complete Skeleton of Varanus ferox  
and Rabbit.

Sem IV - Internal Ear of Scoliodon, Weberian  
ossicles of Wallago, Accessory  
Respiratory organs of Clarias,  
Heteropneustes, Anabas.

DATE

# Departmental Work (2019-20)

1. Zoology Association -  
Dr. Garima Pundir  
Dr. Manu Verma
2. Time table - Dr. Manju Singh
3. Departmental & Main Library -  
Dr. Kalpana Chaudhary  
Dr. Manu Verma  
Mrs Shashi Bala
4. Museum -  
Dr. Garima Pundir  
Dr. Barkha Mithal  
Ms. Pragati
5. Slides -  
B Sc I Dr. Manju Singh  
B Sc II Smt Shashi Bala  
B Sc III Dr. Kalpana Chaudhary  
MSc I & II
6. Animal stock  
Checking Smt Shashi Bala  
Dr. Manju Singh
7. Furniture  
Dr. Garima Pundir  
Dr. Kalpana Chaudhary
8. Breakage, Chemicals & Glasswares  
Dr. Garima Pundir  
Dr. Kalpana Chaudhary

9. Apparatus &  
Microscopes

DATE     /    /      
Smt Shashi Bala  
Dr. Manju Singh

10. Impress

Dr. Garima Pundir  
Dr.     

11. NAAC/CPE/IQAC -  
Results

Dr. Garima Pundir  
Dr. Kalpana Chaudhary

12. Cleanliness -

Mrs Shashi Bala

13. Internals -

Dr. Kalpana Chaudhary

14. Register

	Practical	Theory
B. Sc. I	K. C	G P

B. Sc II	B M	S B
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B. Sc III	-	M. S
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M.Sc - Individually

15. Departmental Diary - DR. BARKHA MITHAL  
DR. NIDHI GOYAL.

July/August 2019.

Sl. No.	Teacher's Name	Course Allotted	Classes taken	Percentage of Course completed	Departmental Work.
1.	Dr. Seema Jain	B.Sc II (1/2 P) Biochemistry & Physiology	Th. 03 X 2 = 06 Prac as per schedule	Blood, Plasma & RBC	Allocation of departmental work, time-table allotment, Stock taking, registers completed & Signed Meetings on
		B.Sc-III (1/2 P) Economic Zoology (1) Immunology (1 Unit)	Tu 02 X 2 = 04 Prac as per schedule	Aquaculture	
		M.Sc Sem I (1/2 P) H1062 Econ. Zool. & Taxonomy	Th - 02 Pr - NIL	Introduction to Museum Maintenance	
		M.Sc Sem IV (1/2 P) H3062 Chordata	July Th=04 Pr=NIL Aug Th=04 Pr=04	Classif. living beings. Chordata Origin of Chordata Specimens of the, aptaloe Pisces.	
2.	Dr. Garima Pundir	B.Sc-I (B-121) Higher Non Chordata		Introduction; classification of Phylum Mollusca	
		B.Sc-II (B-220) Chordata		Introduction, Diagnostic characters of chordata	
		B.Sc-III (B-121) Biotech & Bioinformatics		sampling	
		M.Sc-II Environmental Biology		Niche concept types of Niche.	
		M.Sc-I Taxonomy & Economic Zoology			

DATE	Teacher's Name	College work.	Any other	Remark	No. of working days	No. of leaves taken	Signature
	1. Dr. Seema Jain	Renewal and admission of M.Sc students.		M.Sc Sem I classes started from 19.8.2019	July - 19	2 CL	<i>[Signature]</i>
					August - 21	9 PL	<i>[Signature]</i>
	2. Dr. Garima Pundir	Renewal and admission of M.Sc		M.Sc classes started from 19.8.19	July - 17 Aug - 21	02 CL 04 PL 1 DL	<i>[Signature]</i>

HEAD  
ZOOLOGY DEPT. I  
M.P.G. COLLEGE

July / August 2019.

Sl. No.	Teacher's Name	Course Allotted	Classes taken
1-3	Dr. Shashi Bala	B.Sc I - Higher Non Chordata 1/2 Paper B-120	
		B.Sc II - Evolution & Developmental Biology 1/2 Paper B-221	
		B.Sc III - Parasitology & Wild life. 1/2 Paper B-320	
		M.Sc I Sem. Evolutionary Biology 1/2 Paper.	
		M.Sc III Sem. Developmental Biology 1/2 Paper	
4	Dr. Kalpana Choudhary	B.Sc I - Cell biology & Genetics 1/2 P. B-122	Th-
		B.Sc II - Chordata. 1/2. B-220	Th-
		B.Sc III - Eco., Microbio, Animal behaviour, pollution & toxicology. 1/2 P	Pr-
		M.Sc Sem I Cell & molecular biology. 1/2 P. JI-1065	Th- Pr-
		M.Sc Sem III Animal behaviour. 1/2 P JI-3065	Th- Pr-

Percentage of courses completed	Departmental work.
Introduction to Annelida General characters, classification. Introduction about Nereis, External characters.	Arranged the slide boxes of B.Sc I, B.Sc II, B.Sc III
⇒ Basic concepts of evolution. Ancient theories. Medieval beliefs,	⇒ Rearranged the books of departmental library,
⇒ Introduction to Parasitology ⇒ Earlier theories of evolution. Primitive atmosphere.	⇒ checking of microscopes in stock registers.
⇒ Aim & Scope of Developmental biology.	
- Introduction to genetics, law of dominance, law of segregation (monohybrid & dihybrid cross).	- Stock register signed
- Characters of Phylum Chordata & Subphylum vertebrata.	- Departmental library books rearranged.
- Introduction to Ethology, Migration in fishes, Migration in Birds.	- B.Sc. III Practical register ready to use.
- History of animal behaviour, migration in birds. Phenomena	- List of topper students of B.Sc. I, II & III (Session 2018-19)
	- Merit list of M.Sc. III & IV Semester.





July / August 2019

Sl. No.	Teacher's Name	Courses Allotted	Classes Taken
5	Dr. Manju Singh	B.Sc. I: Lower Non-chordate B-120 (1/2 Paper)	8 x 2 = 16
		B.Sc. II: Animal Dis, Eva & Deve. Biology	5 x 2 = 10
		B.Sc. III: Eco, Micro, Animal Behavior, Pollu. Toxicology, B-322 1/2 Paper	6 x 2 = 12
		M.Sc. I Sem: Non-chordate H-1064: 1/2 Paper	2 x 2 = 4
		M.Sc. III Sem: Environmental Bio, H-3064, 1/2 Paper	5 x 2 = 10

6. Dr. Kamana Sharma

- Percentage of course completed
- General classification of Animal Kingdom
  - Protozoa - classification, characters.
  - Euglena - Completed.
  - Paramecium - started.
  - Aims & Scope of Developmental Biology. - Primordial Germ cells, Male gonad (st), Spermatogenesis - Contd.
  - Ecosystem: Concept, components, fundamental operations, Energy flow, Food chain, Food webs & trophic levels, ecological Niche.
  - Protozoa - General character outline classification.
  - M. specimens & slides of Ph. Protozoa.
  - Ecosystem: Structure & function, energy flow & mineral cycling. Primary production & Decomposition.
  - Ecosystems (Terrestrial, Freshwater, Aquatic) (freshwater - Pond; marine, Estuarine)

- Department work
- Preparation of Time Table (Common) for B.Sc. I Theory
  - Preparation of Time Table (Common) for B.Sc. I, II, III Theory.
  - Preparation of General Time Table for B.Sc. I, II, III Theory & Practical.
  - Preparation of Departmental Time Table for B.Sc. & M.Sc. Theory & Practicals.
  - Preparation of separate Teacherwise Time Table.
  - checking of Microscopes in stock registers. (All)

HEAD  
2017 ICY DEPT. II.  
REPOR: COLLEGE MEERUT

DATE

## College work

- Staff
- Meeting with Principle on occasion of re-opening of college on 8-7-2019.
  - Meeting of Women cell & Anti sexual harassment committee on 17-7-2019.

Any other

Counting & checking of compound and dissecting microscopes in Department.

Remarks

No. of teaching days

July-17

August-21

No. of leaves taken

5 Compensatory

Signature

Mans

SN Teacher's Name

5. Dr. Manju Singh

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6. Dr. Kamana Sharma



SENA  
GY DEPT.  
COLLEGE MEERUT

July/August 2019

Sl. No.	Teacher's Name	Course Alloted	Classes taken	Percentage of course completed	DATE	Departmental work
7.						
8.	Dr. Partha Mithal	B.Sc. I year 1/2 P B-122	Th -  Pr -	Discovery of cell, cell theory, Pro & Euk -aryotic cell structure and function.		
		B.Sc. II year	Pr -	Museum specimen & correction Museum specimen & correction.		
		M.Sc. I Sem H-1065 1/2 P	Th -	Discovery of cell, cell theory, cell structure and function		
		M.Sc. III Sem Practical	Pr -	Histology slides		

July/August 2019

Sl. No.	Teacher's Name	Course Allotted	Classes Taken
7	Dr. Nidhi Goyal	B.Sc I Year half of the paper of B-120 - Phylum - Porifera and Platyhelminthes and Nematoda.	$4 \times 2 = 08$
		B.Sc I Practical full course	Pr. 15.
		B.Sc II Practical full course	Pr. $01 \times 2 = 2$ .
		M.Sc I Sem Practical	Pr. $1 \times 2 = 2$ .
		M.Sc III Sem Theory (Dev. Biology).	Th. $05 \times 2 = 10$

Percentage of Course Completed	Departmental Work.
B.Sc. Phylum Porifera - General characters, classification of Porifera, Sycon - General characters, Nutrition in sponges/Sycon.	Prepare departmental Registers departmental meeting.
Developmental Biology - Introduction, Embryogenesis, Spermatogenesis, Theories of Epigenetic, Biogenetic law, mosaic theory etc.	

DATE

Sl. No. Teacher's Name  
9 Dr. Nidhi Goyal

College work  
Duties in B Ed examination

Any other

Remark

No. of working  
days

21

No. of leaves  
taken

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Signature

*Nidhi*

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HEAD  
ZOOLOGY DEPT.  
H.P.G. COLLEGE MEERUT

September 2019.

S.No. Teacher's Name	Course Alloted	Classes taken	Percentage of Course Completed	Departmental work.
1. Mr. Seema Jain	B.Sc II (1/2 P) B222 Biochem & Physiology	Th = 02 x 2 = 04 Prac as per schedule	WBC, platelets.	Meeting with the faculty on Call for quotations
	B.Sc III (1/2 P) Econ. Zool & Immunology	Th = 02 x 2 = 04 Prac as per schedule	Aquaculture.	
	M.Sc Sem I 1/2 H1062	Th = 08 Pr = 06	Scope & history of Taxonomy Macrotaxonomy	
	M.Sc Sem III 1/2 P H3062	Th = 06 Pr = 06	Urochordata, Aphelochordata Vertebrata, Evolution of Vertebrata, Cephalostomata Chondrichthyes	
2. DR. Garima Pundit	BSc-I (B-121) Higher Non Chordata BSc-II (B220) Chordata		General Morphology & External features of <u>Pila globosa</u> External features of <u>Balanoglossus</u> . Central tendency, measures of Central tendency.	
	B.Sc-III (B-121) Biotech & Bio- informatics M.Sc-I Taxonomy & Economic Zoology M.Sc-II Environmental Biology.		Collection, types of Taxonomic collection.	

DATE

Sl. No. Teacher's Name

7. 1. Mr. Seema Jain

## College work

As A.S.S. in University  
back papers from  
4<sup>th</sup> Sept to 17<sup>th</sup> Sept 2019Attended programmes  
advisor on Transport  
Awareness rules on 7.9.19  
Program on NET, SCET  
classes on 14.9.19 as  
Advisor of ACCCP.Seminars on Herbal  
Therapy by Botany Dept  
on 20.9.19.

Any other Remarks

No. of working  
days.

23

No. of leaves  
taken

NIL

Signature

8. 2. DR. Garima Pundit

→ Duties in  
back papers  
→ judged  
the inter  
departmental  
slogan writing  
& poster  
on world ozone  
day, organised  
by department  
of chemistry

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R.G.P.G. COLLEGE MEERUT

September 2019

Sl. No. Teacher's Name	Course Allotted	Classes taken
7. Dr. Shashi Bala	B.Sc I - B. (121) Higher Non-Chocolate 1/2 Paper	4x2 = 8
	B.Sc II (B. 221) Develop mental Biology 1/2 Paper	3x2 = 6
	B.Sc III B. (320) Parasitology	3x2 = 6
	M.Sc I - Evolutionary Biology	8x2 = 16
	M.Sc III - Develop mental biology	8x2 = 16

8. Dr. Lalendra Chaudhary	B.Sc - II Cell biology & Genetics B-122 1/2 paper	5h - 4x2 = 8
	B.Sc - II Chordata B-220 1/2 P	5h - 4x2 = 8
	B.Sc - III Animal behaviour & Toxicology B-322 1/2 P	5h - 3x2 = 6
	M.Sc. Sem I Cell & molecular biology B-1065 1/2 P	Pr - 4x2 = 8
	M.Sc. Sem III Animal Behaviour B-3065 1/2	5h - 10x2 = 20
		Pr - 2x2 = 04
		5h - 8x2 = 16
		Pr - 4x2 = 8

DATE

Percentage of course Completed

Segmentation of Body of Insects, Digestive Systems, Body wall

Arrangement of Slide Boxes of B.Sc II, B.Sc III

⇒ Theories of origin of life, Stanley Miller's Experiment.

⇒ Life cycle of Trypanosoma, Diagnosis, Disease & Prevention & their Control.

⇒ Theories of origin of life, Primitive atmosphere.

⇒ Metamorphosis in Insects

- Incomplete dominance - Certificates prepared for highest marks in B.Sc & M.Sc. (Session 2018-2019).

- Sex-linked inheritance.

- Classification of Class Amphibia, Biting mechanism in poisonous snakes.

- Biohythms, Patterns of Behaviour - Taxes

- Structure of DNA, forms of DNA, transcription, translation. Apoptosis.

- Migration in fishes, hormones & animal behaviour.



Sl. No. Teacher's Name

7. 3. Dr. Shashi Bala

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College work  
Duties of Back Papers  
Examination starting  
from 4th Sept 2019

⇒ Meeting with  
In charge of student  
welfare committee,  
on 18.9.2019

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8. 4. Dr. Lalapna Chaudhary

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- Duties of back papers  
from 4th September 2019  
- Meeting with principal  
as a member of plan-  
tation and beautifica-  
tion committee in  
principal room on  
13-09-2019.  
- Meeting with incharge  
of Proctorial Board 25-9-19  
- Inauguration of Procto-  
rial board with slogan  
competition on 24-9-19.

Any other

Remarks

No. of working  
days

No. of leaves  
taken

Signature

22

Shashi

22

- Judgement  
of poster and  
slogan competition  
of prefects on  
24th September  
2019.  
- Meeting of Staff  
Club on 26-9-19.

Chaudhary

Seema

September 2019

DATE	Teacher's Name	Course Allotted	Classes taken -
	Dr. Manjiv Singh	B.Sc. I: Lower Non-chordata B-120 (1/2 Paper)	3x2 = 6
		B.Sc. II: Ani. dis, Evo, Dev. Bds. B-220 (1/2 Paper)	4x2 = 8
		B.Sc. III: Eco, Micro, Animal Bds. B-322 (1/2 Paper)	4x2 = 8
		M.Sc. I: Non-chordata (H-1064)	7x2 = 14
		M.Sc. II: Environ. Bds (H-3064)	8x2 = 16

DATE	Percentage of course completed	Departmental work
	→ Proamectum - completed.	
	→ spermatogenesis completed. oogenesis started.	
	→ Abiotic and biotic factors, population: characteristics & regulation. Ecological succession - started.	
	→ Protozoa: Organelles, Locomotion, reproduction in Protozoa.	
	→ Arthropods: Classification, characters, Integumentary sys., Respiration, Larval forms in crustacea.	
	→ Ecological succession: Types, Mechanism, changes involved in succession, climax.	
	→ Environmental Pollution, global Env. change. Biodiversity - Definition & types.	

DATE

Teacher's Name  
Dr. Manjiv Singh

College work.  
Duties in back Paper  
Exam from 4<sup>th</sup> sep. 2019.  
- Meeting of College  
transport Safty' Committee  
on 6-9-2019.  
- Participation in the  
organisation of a workshop  
on 'College transport  
Safty' at R.G.(P.) college.  
on 7-9-2019.

Any other

Remarks

No. of working  
days

DATE  
No. of leaves  
taken

Signature

22

22

Manjiv

~~Manjiv~~  
ZOOLOGY DEPT.  
R.G.P. COLLEGE MEERUT

September 2019

DATE	Teacher's Name	Course Alloted	Classes taken	Percentage of course completed	Departmental work
	Dr. Nidhi Goyal	B.Sc I Year half paper of B-120 Non Chordata B.Sc I Practical  B.Sc II Practical	$03 \times 2 = 6$	Spicules in Sycon. Histology in Sycon.	
		M.Sc I sem Practical	$05 \times 2 = 10$		
		M.Sc III sem Theory Developmental Biology.	$05 \times 2 = 10$	Embryology, oogenesis, fertilization, Partheno- genesis (Frog development in practical)	

  
ZOO 101  
R.G.P.G. COLLEGE MEERUT

DATE

S.No. Teacher's Name

9. Dr. Nidhi Goyal

College work

Duties of Back papers  
from 4<sup>th</sup> Sept. 2019.

Any other

Remarks

No. of working  
days

22

No. of leaves  
taken

01

Signature

*Nidhi*

*Nidhi Goyal*  
HEAD  
ZOO IGV DEPT. I.  
S.G.P.G. COLLEGE MERRUT

October 2019"

DATE	Teacher's Name	Course Alloted	Class taken	Percentage of course completed	Departmental Work
	1. Dr. Seema Jain	B.Sc II 1/2 P B 222	Th = 02 x 2 = 04 Prac as per schedule	Clotting of blood, Blood groups.	Celebration of World Animal Day & Inauguration of Zoology Association on 24.10.19.
		B.Sc III 1/2 P B 320, 321	Th = 04 x 2 = 08 Prac as per schedule	Pisciculture, Lac culture.	
		M.Sc Sem I 1/2 P H 1062	Th = 02 x 2 = 04 Pr = 02 x 2 = 04	Macrotaxonomy & Linnaean Hierarchy, Microtaxonomy	
		M.Sc Sem III 1/2 P H 3062	Th = 02 x 3 = 06 Pr = 02 x 2 = 04	Osteichthyes, scales, fins swim bladder, Reptiles Permanent slides of Scdes	
	2. Dr. Garima Pundir	BSC-I, B-121 Higher non chordata BSC-II (B-220) Chordata B-SC-III (B-121) Biotech & Bioinformatics M.Sc-II Environmental Biology M.Sc-I Taxonomy & Economic Zoology		Digestion of <u>Pila globose</u> in detail digestion, respiration of <u>Balanoglossus</u> . Dispersion Light as an abiotic factor Meta population Identification	Celebration & Inaugural of Zoology Association on 4.10.19. with world animal day



October - 2019

Teacher's Name	Course Alloted	Classes taken
3. Dr. Shashi Bala	B.Sc I. Cell Bi	
	B-120 Y2 Paper HIGH GRADON CHORDATA	Th = 4x2 = 08
	B.Sc III <sup>Applied</sup> Economic Zoology Paper I	Th = 3x2 = 06
	B.Sc II - Paper I/2 Animal Distribution and evolution, Develop mental Biology	Th = 4x2 = 08
4. Dr. Kalpana Chaudhry	M.Sc I - Course II Evolutionary Biology	Th = 5x2 = 10
	M.Sc III Developmental Biology	Th = 5x2 = 10
	B.Sc III Cell biology & genetics	Th = 3x2 = 06
	B-122	
	B.Sc III Char data B-220	Th = 2x2 = 06
	B.Sc III B-322 Animal behaviour,	Th = 3x2 = 06
	Toxicology & pollution	Pr = 4x2 = 08
	B.Sc Sem. I Cell & mol. biology H-3065	Th = 6x2 = 12 Pr = 4x2 = 08
M.Sc Sem. II Animal behaviour	Th = 8x2 = 16 Pr = 2x2 = 04	
	HC-3065	

Percentage of course completed

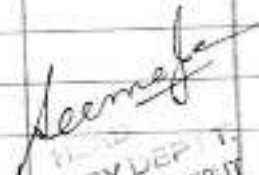
Blood vascular system  
In Nereis, Excretory  
System. mechanism of  
excretion in Nereis  
⇒ Different species  
of Trypanosoma,  
Cruxi, brucei, evansii  
Diseases & their Control.  
⇒ Abnormal use of hen  
egg, fate map, Discoblastula  
⇒ Lamarckism, Dwarfism  
⇒ Regeneration, mechanism  
of Regeneration, blastema.  
- Multiple Alleles, Blood  
group inheritance  
- Differences between poi-  
sonous & non-poisonous snakes.  
- Neoteny & paedogenesis.  
- Reflexes, memory,  
motivation  
- DNA Replication, Cancer  
(Definition, Symptoms) Necrosis.  
- Taxes, Kinesis, Navi-  
gation, Biological rhythm  
(Circadian & circannual  
rhythms).

Departmental Work

celebrated as World  
Animal Day (WAD)  
on 4th October,  
organized by Dept  
of Zoology.  
- Celebrated → world  
animal day on 4th  
October 2019.



DATE	Teacher's Name	College Work	Any other	Remarks	No of working days	DATE No of leave taken	Sign
	3. Dr. Shashi Bala				16	-	Shashi
	4. Dr. Kalpana Chaudhary	<ul style="list-style-type: none"> <li>- Attended N.S.S meeting as advisor on 11-9-2019 regarding the camp programme on 12<sup>th</sup> Oct 2019.</li> <li>- Initiated N.S.S. Student for cleanliness on 12<sup>th</sup> Oct 2019.</li> <li>- Meeting of hostel committee on 14<sup>th</sup> Oct 2019.</li> <li>- Judgement of Mehandi competition at girls' hostel on 15<sup>th</sup> Oct 2019.</li> </ul>			16	-	Khandha

  
 HOOD  
 ZOO & JGY DEPT.  
 R.G.P.G. COLLEGE MEERUT

DATE

DATE

Teacher's Name	Course Alloted	Classes taken	Percentage of course completed	Departmental work
5. Dr. Manju Singh	B.Sc. I: Lower Non-chordata B-120 (1/2 Paper)	3x2=6	- Monocystis - completed. - obelia - started.	Celebrated 'World Animal Day' on 4 <sup>th</sup> October 2019.
	B.Sc. II: Animal distri, Fun. Deve. Anis B-220 (1/2 Paper)	2x2=4	- Oogenesis - completed. - Fertilization completed - Egg - st. & types - completed	
	B.Sc. III: Eto, Muv, Ani. Behaviour - Pollution. B-322 (1/2 Paper)	3x2=6	- Ecological succession - completed. - Adaptation - Aquatic, Terrestrial Completed.	
	M.Sc. I: Non-chordata (H-1064) (1/2 Paper)	5x2=10	- Onychophore - completed - Molluscal - completed - Echinodermata - started.	
	M.Sc. II: Environmental An H-3064 (1/2 Paper)	3x2=6	- Biodiversity - Monitoring & Documentation, major drivers of biodiversity, Biodiversity management approaches.	

DATE

College work

Teacher's Name

5. Dr. Manju Singh

Any other

Remark

NO. of working days

NO. of leave taken

Sign

1 - Compensatory Leave  
1 - RH  
Total - (2)

16

1 - compensatory  
1 - RH.

Manju Singh

Manju Singh  
Manju Singh  
ZOOLOGY DEPT. T.  
R.G.P.G. COLLEGE NEERJIT

DATE	Teacher's Name	Course Alloted	Classes taken
	Dr. Nidhi Goyal	B.Sc I Theory half syllabus of B-120.	03 X 2 = 06
		B.Sc I Practical	
		B.Sc II Practical	
		M.Sc I Sem.	01 X 2 = 02
		M.Sc III sem. Theory	04 X 2 = 08.

Percentage of course completed

water canal system  
life history of Sycow

Parthenogenesis & Practical  
work.

DATE

Departmental Work

celebrated world  
Animal day on  
4<sup>th</sup> October 2019.

DATE

Teacher's Name

Dr. Nidhi Goyal

College Work

Any other

Remarks

No. of working days

No. of leaves taken

Sign

16

02

*Nidhi*

*Seen*

2007 JGY DEPT  
R.G.P.C. COLLEGE MEERUT

November 2019

DATE Teacher's Name	Course Related	Classes Taken	Percentage of course completed	DATE Departmental Work
1. ...				
2. Dr. Geetima Pundir	B.Sc-I B-121 Higher Non Chordata B.Sc-II B-220 chordata B.Sc-III B-222 Biotech & Bioinformatics  M.Sc-II Environmental Biology M.Sc-I Taxonomy & Economic Zoology		Respiration & Excretion in Pila Respiration & Excretion in Balanoglossus  stand. Error, and  Biotic & Abiotic interactions  Pearl culture, Pisciculture	


Teacher's Name	College Work	Any other	Remark	No of Working days	No of leaves taken	Sign
1. Dr. Suresh Kumar						
2. Dr. Geetima Pundir	Jh $3 \times 2 = 06$			23	2 CL	<i>[Signature]</i>
	Jh $3 \times 2 = 06$					
	Jh $4 \times 2 = 08$					
	Jh $10 \times 2 = 20$					
	Jh $10 \times 2 = 20$					

*[Signature]*  
 ZOC - ICV UNIT  
 R.C.P.G. COLLEGE NEERJI





November

DATE Teacher's Name	College Work	Any other	Remark	No of working days	No of leave taken	Sign
4. Dr. Kalpana Chaudhary	<ul style="list-style-type: none"> <li>- Meeting of Grievance redressal cell members with incharge &amp; principal on Friday 14-11-2019.</li> <li>- Meeting of proctors with incharge and principal on Thursday 21-11-2019 in connection 'महिला दिवस सांस्कृतिक प्रकला एवं सर्वधर्म प्रार्थना सभा' ।</li> </ul>	<ul style="list-style-type: none"> <li>- Appointed as external member of assessment committee for JRF at D.N. College, Meerut on 18<sup>th</sup> November 2019 (at 01:00 PM)</li> <li>- Paper Setting of C.C.U. University, I.I.M.T University &amp; Agricultural University of Meerut.</li> </ul>		23	-	

RG.P.G. COLLEGE MEERUT

Teacher's Name	Course Allocated	Classes Taken
5. Dr. Manju Singh	B.Sc. I: Lower Non chordata B-120 (1/2 Paper)	3x2 = 6
	B.Sc. II: Ani Dis, Evo Deve. Bio B-220 (1/2 Paper)	4x2 = 8
	B.Sc. III: Eco, Micro Ani Beha. Pollution B-322 (1/2 Paper)	2x2 = 4
	M.Sc. I: Non Chordata H-1064 (1/2 Paper)	5x2 = 10
	M.Sc. III: Environmental B20 (H-3064) (1/2 Paper)	6x2 = 12

### Percentage of course completed

- Obelia → Completed.
- Aurelia → started.
- Patterns of cleavage - completed.
- Process of Blastulation - completed.
- Gastrulation, fate map - started.
- Aerial, arboreal adaptation - completed.
- Morphology, Physiology of Bacteria & Virus - completed.
- Echinodermata - completed.
- Minor Acoelomate Phyla - Rotifera, Acanthocephalan - completed.
- Minor Coelomate Phyla - Chaetognatha, Pogonophora, Phoronida, Brachiopoda - completed.
- Conservation Biology - Principles of conservation, major approaches to Management, Indian case studies of conservation strategy (Project Tiger etc.) → Completed.

- DATE
- Departmental Work
  - Departmental Meeting on 01-11-2019.
  - Preparation of question paper for I<sup>st</sup> internal assessment Exam of M.Sc. I & III Sem.
  - Departmental Meeting in concern 2<sup>nd</sup> internal assessment Exam & completion of courses of M.Sc. I & III Semester.

DATE

Teacher's Name

5. Dr. Manju Singh

## College Work

- Meeting of <sup>College</sup> Transport Safety Committee members with Incharge on 15-11-2019.

- Organisation of Debate Competition 'on 'बासीलीया डिमोशन के इतिहास सड़क दुर्घटनाओं में 2020 तक कमी करने हेतु उठाये जाने वाले कदम' से आकाश प्रतिभा' College Transport Safety Committee' द्वारा आयोजित की गयी (16-11-2019)

Any other

Remark

No of Working days

DATE

No of Leaves taken

Sign

23

4) Campen-  
Safety

Mishra

Manoj  
ZOC JGY DEPT. T.  
R.G.P.G. COLLEGE MEERUT

Teacher's Name	Course Allotted	Classes taken	Percentage of course completed	Departmental Work
9 Dr. Nidhi Goyal	B.Sc I Theory half of the paper in (B-120)	06 X 2 = 12		
	B.Sc I Practical	2 X 2 = 04		
	B.Sc II Practical	2 X 2 = 04		
	M.Sc I Sem.	01 X 2 = 02		
	M.Sc III Sem. Theory (Embryology)	04 X 2 = 08	Protozoa slides / correction cleavage, Blastulation, Types of Egg, Yolk distribution	

DATE  
Teachers Name

9 Dr. Nidhi Goyal

College Work  
Preparation for  
M.Sc Internal  
Exams

Evaluation of Internal  
Exams copies of  
M.Sc.

Any other

Remark

No of Working  
days

DATE  
No of leaves  
taken

Sign

23

1

Nidhi

~~seema~~

December 2019

DATE	Teacher's Name	Course Allocated	Classes taken	Percentage of course completed	Departmental Work
	Dr. Garima Pundir	B.Sc-I (B-121)	4 x 2 = 8		
		Higher non chordata			
		B.Sc-II (B-220)	1 x 2 = 2		
		Chordata			
		B.Sc-III (B-121)	2 x 2 = 4		
		Biotech & Bioinformatics			
		M.Sc-II			
		Environmental biology	7 x 2 = 14		
		M.Sc-I			
		Taxonomy & Economic Zoology	4 x 2 = 8		
				Development in Pila & sense organs.	
				Amphioxus External features.	
				Regression.	
				Population ecology, Demes, metapopulation	
				Biomes	

ZOO DEPT  
R.O.P.G. COLLEGE MEERUT

DATE

Teacher's Name

College Work

Any other

Remarks

No. of Working days

No. of leaves taken

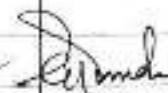
Sign

1. Dr. Smita Das

2. Dr. Garima Pundir

semester exam  
duties  
evaluation of  
second sem internal  
exams  
staff club meetings  
on 19.12.19

16

20  
7DL


December 2019

Teacher's Name	Course Alloted	Classes Taken	Percentage of course completed	Departmental Work
3.				
4. Dr. Kalpana Chaudhary	<u>B.Sc. II</u> Cell biology and Genetics B-122 <u>B.Sc. II</u> Chordata Course B-220 <u>B.Sc. III</u> Animal behaviour, pollution & toxicology B-322 <u>M.Sc. Sem. II</u> Cell & Molecular biology <u>M.Sc. Sem. III</u> Animal behaviour	Th - 3x02 = 06 Th - 2x02 = 04 Th - 3x02 = 06 Pr - 4x02 = 08 Th - Pr - 5x2 = 10 Th - Pr - 5x2 = 10	- Linkage (Complete & incomplete) - Exergenic & Euphenic - Classification of Mammalia, Venom, Classification of Class - Aves. - Learning, memory, Route of exposure & dose-response relationship. - Dissection of Prawn (Nervous System, Appendages) - Squash technique (Prawn foot tip) - Dissection of Pila (Radula, Oesophagus & Gill Lamellae)	- Award list of internal examination (I & II) from M.Sc. Semester 1 <sup>st</sup> & Semester 3 <sup>rd</sup> .



DATE

Teacher's Name

3. Lakshmi

College Work

Any other

Remark

No. of working days

No. of leaves taken


Sign

4. Dr. Kalpana Chaudhary

- Semester Examination duties.
- Evaluation of second internal assessment examination.
- Staff club meeting on 19.12.2019.
- Meeting of magg. The Committee on 17-12-2019.

16

-



  
 HEAD  
 ZOC - JOYDEPTI  
 R.P.O. COLLEGE MEERUT

Teacher's Name	Course Alloted	Classes taken
Dr. Manju Singh	B.Sc. I - Lower Non-chordata B-120 (1/2 Paper)	2x2 = 4
	B.Sc. II - Evol. Deve. Bio B-220 (1/2 Paper)	3x2 = 6
	B.Sc. III - Eco, Microbio (B-322) Half Paper.	3x2 = 6
	M.Sc. I - Non chordata H-1064	2x2 = 4
	M.Sc. II - Environmental (H-3004)	3x2 = 6

6: - [unclear]

Percentage of course completed

- Aurelia completed.
- Ctenophora - salient features completed.
- Fate Map - completed.
- Evolution → Evidences, Theories of Evolution → continued. Completed.
- Bacterial and viral diseases - completed.
- Dissection of Octopus (Nervous system)
- Bones of Varanus, Frog, Rabbit and Palates.

Departmental Work

Evaluation of II<sup>nd</sup> internal test answer books and Evaluation of Assignments of M.Sc. I sem & III Sem.

DATE

Teacher's Name

College Work

Absent otherwise

Remarks

No of working days

No of leaves taken

Sign

Dr. Manju Singh

16

16/12

M. Kaur

*Seema*

R.C.P.G. COLLEGE MEERUT

DATE	Teacher's Name	Course allotted	Classes taken
	Dr. Nidhi Goyal	B.Sc. I <sup>st</sup>	
		Non-Chordata	03 X 2 = 06
		Porifera / Helminthes	
		B.Sc. I Practical	2 X 2 = 04
		B.Sc. II Practical	2 X 2 = 4
		M.Sc. I Sem.	2 X 2 = 04
		M.Sc. III Sem. (Embryology)	4 X 2 = 08

Percentage of course completed	Departmental work
Platyhelminthes: <i>Parascaris hepatica</i> General Characters → Slides of Cnidaria → Slides of Pisces → General Characters of Porifera → Branchiata Complete	Evaluation of Internal Examination copies of M.Sc. III Also take extra class of M.Sc. III

DATE

Teacher's Name

Dr. Nidhi Goyal

College work.

External Exams  
Start of M.Sc.

Any other

Remarks

No. of Working Days

16

No. of leaves taken

Nil

Signature

Nidhi



DATE

Sl. Teacher's Name

College work

Any other

Remarks

No. of working days

No. of leaves taken

Signature

1. *[Faint handwritten name]*

2. DR. Garima Puri

20

2 CL

*[Signature]*

*[Signature]*  
ZOC JOY DEPT II  
R.G.P.G. COLLEGE MEERUT

January 2020

Teacher's Name	Course allotted	Classes taken
3		
4- Dr. Kalpana Chaudhary	B.Sc. II	
	Cell Biology & Genetics	
	B-122	Th - 4 x 02 = 08
	B.Sc. III	
	Chordata	Th - 3 x 2 = 06
	B-220	
	1/2 P	
	B.Sc. III	
	Animal behaviour, pollution & Toxicology	Th - 3 x 02 = 06
	B-322	Pr - 3 x 02 = 06
	M.Sc. Sem. II	
	Cell & molecular bio	Pr - 8 x 2 = 16
	H-1065	
	M.Sc. Sem. III	
	Animal behaviour	Pr - 8 x 2 = 16
	H-3065	

Percentage of course completed

Departmental work

- Sex determination, sex differentiation
- Super class - Pisces
- Classification of class Chondrichthyes
- Characters of Dipnoi
- Categories of toxic effects, route & exposure of toxicants
- M.Sc. Sem. III Glycolysis, glycolysis, Acetyl Co-A generation
- Transportation of fishes

M.Sc. Semester III & IV Started from 13-01-2020.  
 - Online entry of internal assessment marks of M.Sc. Sem II & III on Friday (17-01-2020).  
 - M.Sc. II & III (Semester) Practical Examination on 31-01-2020 (Internal Examiner of M.Sc. Sem III).



DATE

Teacher's Name

College work.

Any other	Remarks	No. of working days	No. of leaves taken	Signature
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4- Dr. Kalpana Chaudhary

- Staff club meeting on Tuesday (07-01-2020)
- Proctors meeting with principal on (13-01-2020) (Tuesday)
- Programme on 'self-defence' at auditorium organized by proctors team on 14-01-2020.
- 10 Slogan prepared on voter right for motivation of students on 17-01-2020.

- Registration of college students for self-defence competition at Proctorial room on Saturday (18-01-2020).
- College members should to be voter-ready to vote programme, organized with slogan, nukkad, Natak & Rally on 21-01-2020.
- Attended national Eco-friendly environment seminar on 20-1-2020.
- Judgement of college on 22-01-20 at Meerut.
- Swachhta-Sarvokshan 2020 organized on 23-01-2020.
- Judgement of posters prepared at Botany department on 24-01-2020. (Topic - National Seminar on 29-1-2020 attended topic - hot spots in India.)

K. Chaudhary

R.G.P.G. COLLEGE MEERUT

January - 2020

Teacher's Name	Course Alloted	Classes taken
Dr. Manju Singh	B.Sc. I - Lower Invertebrates (B-120) 1/2 Paper	3x2 = 6
	B.Sc. II (Evolution, Dev. Biology) 1/2 Paper	3x2 = 6
	B.Sc. III; Ecology, Microbiology (B-322)	2x2 = 4
	M.Sc. I Sem. Non-chordata (H-1063)	6x2 = 12
	M.Sc. III Sem. Environmental Biology (H-3064)	5x2 = 10

Percentage of course completed	Departmental work
- Revision of Euglena Paramecium, Monocystis.	M.Sc. I & III Sem. Practical Examination on 31-1-2020.
- Mutation, Evolution of Man continued.	
- MCQ Practice,	
- Revised - Larval forms in Crustacea, Echinodermata and Torus detorsion in Mollusca.	
- Dissection - Nervous system of Octopus.	
- Assignment presentation,	
- Skull, Loose bones of Rabbit, Fowl, & Venus.	
- Dissection - Internal Ear & V, VI, IX, & cranial nerves of Scoliodon.	

286

DATE

Teacher's Name

5. DR. Manju Singh

College work

Any other

Remarks

No. of working days

No. of leaves taken

Signature

20

nil

Mans

*Seema*

COLLEGE NEER-JI

DATE	Teacher's name	Course Alloted	Classes taken	DATE	Percentage of Course Completed	Departmental work.
9.	DR. Nidhi Goyal	B.Sc I Non Chordata (Platyhelminthes)	2x2=04			
		Practical	2x2=04			
		B.Sc II Practical	2x2=04			
		M.Sc I Sem. Practical	→			
		M.Sc III Sem. (Developmental Bio.)				

Percentage of Course Completed

Yaenia Solium  
stud.

→ External Exams

External Exams

DATE

Teacher's Name  
9. Dr. Nidhi Goyal

College work  
College Examination  
duties.

Any other

Remarks

No. of working days

No. of leaves taken

Signature

20

2

Nidhi

~~Secret~~

February 2020

DATE

DATE

2. Dr. Garima Pundir

B.Sc-I	$2 \times 2 = 4$
Higher Non Chordata	Extra classes
B.Sc-II	
Chordata	$2 \times 2 = 4$
B.Sc-III	Extra classes
Biotech & Bioinformatics	$2 \times 2 = 4$
	Extra classes
M.Sc-II	
Morphology & Physiology of fishes	$6 \times 2 = 12$
M.Sc-I	
Biostatistics & Bioinformatics	$6 \times 2 = 12$

Herdmania Ext features circulation, Digestion,

Pentaceros, water vascular system, Digestion, syllabus completed

Application of Biotec in different fields syllabus completed

Poisonous fishes, Practical work

How to prepare power point presentation.

How to make email Id

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2.

Dr. Garima  
Pundia

• staff club meeting  
on 24.2.2020

• Holi celebration

• Main Exam  
duties in noon  
shift from 22 feb

DATE

24

-

Dr. Garima





Teacher's Name

College work

Any other

Remarks

M. of working days

No. of leave <sup>DATE</sup> taken

Signature

3.

Dr.

11

EXX

11

11

12

EXX

12

12

13

EXX

13

13

21

EXX

21

21

4.

Dr. Kalpana Chaudh

- 'Kushth Rog Abhiyan' organized at Bhojpur Vally on 07-02-2020
- Staff club meeting on 24-02-2020
- Staff club meeting on 26-02-2020 regarding Holi celebration.
- Main examination duties (Evening Shift) from 28<sup>th</sup> February 2020.
- Medicines purchased for college on 29<sup>th</sup> Feb 2020.

- Practical (Examination) conducted on 18<sup>th</sup> February 2020 at J.V. college, Baraut, U.P. (M.Sc. Semester I<sup>st</sup>)

- Paper published in Experimental Journal of Zoology February 2020 (Topic - Food intake, fattening & reproduction in Red headed Bunting).

24

10L, 1CL

Dr. Chaudhary

Signature  
ZOOLOGY DEPT.  
R.G.P.C. COLLEGE MEERUT

February-2020

DATE	Name	Course allotted	Classes taken
5	DR Manju Singh	B.Sc-I → Lower animals (B-120) - 1/2 Paper.	2 × 2 = 4
		B.Sc-II → Evolution, B-220 Developmental Biology.	2 × 2 = 4
		B.Sc-III → Ecology B-322 Microbiology.	1 × 2 = 2
		M.Sc-II Sem Genetics - H-2063	8 × 2 = 16
		M.Sc-IV Sem. Applied Fisheries H-3064 & 4069	7 × 2 = 14

DATE	Percentage of course completed	Departmental work
	→ Revision of ctenophora & cnidophora.	Conduction of I <sup>st</sup> internal Assessment Examination, in M.Sc. II <sup>nd</sup> sem and M.Sc. IV <sup>th</sup> sem.
	→ Evolution of Man completed.	
	→ MCA Practice.	
	→ <u>Methods of genetic transfer</u> - Transformation, conjugation, transduction, bacteriophage, Gene-mapping - Recombination, Linkage map, cytogenetic map, physical, mole. map, genome mapping. And Population Genetics.	
	→ <u>Aquaculture</u> - objectives in South East Asia, India <u>Fish Breeding &amp; Hatchery Technology</u> Types of Hatchery, Induced Breeding, fish Pathology.	

Seema  
ZOOLOGY DEPT  
R.G.P.G. COLLEGE MEERUT

DATE

Name

College work

DR Manju Singh

Main Examinations  
duties

No. of working  
days

DATE  
No. of Leaves  
taken

Signature

24

nil

Manju

ON LINE CLASSES - MARCH,  
APRIL, MAY-2020

DATE

Sr. No.	Name	Course Alloted	Classes taken
---------	------	----------------	---------------

1. Dr. Seema Jain

2. Dr. Garima Pundir

DATE

Percentage of course completed	Departmental work.
--------------------------------	--------------------

On line Classes  
of M.Sc Sem II  
&  
M.Sc Sem IV  
Details attached

online classes  
of M.Sc II  
&  
M.Sc Sem IV  
taken. see enclosure

*Seema Jain*

DATE  
S.No. Name

College work

1. Dr. Seema Jain

On line Classes  
due to Covid-19  
Details attached

Any other  
Remarks  
No. of working days  
No. of leaves taken  
DATE  
Signature

2. Dr. Garima Pundi

G. Pundi

Seema Jain

2021 NOV 15 P 11  
R.G.P.G. COLLEGE MEERUT

DATE Name of teachers	Course Allotted	Classes taken	Percentage of Course completed	Departmental work
3.				
4. Dr. Kalpana Chaudhary	M.Sc. Sem. II Biochemistry Course VIII H-2065 / 2	Mode: Online 25 hours	Nucleic acid metabolism, Protein (amino acid) meta- bolism. Lipid metabolism, Oxidative phosphoryla- tion, Enzyme regulation Mechanism of enzyme action. Metabolism of vitamins.	
	M.Sc. Sem. IV Applied Fisheries Course XVI-B H-4069 / 2	Mode - Online 25 hours	Aquarium maintenance. Ornamental fishes. Nutrition in fishes. Fishery co-operatives, Shell fishes, Transp- genic fishes. Aquarium manufacturing.	

DATE

Name of teachers

College work

3.

4. Dr. Kalpane chaudh

Any other

Remark

No. of working days

No. of <sup>DATE</sup> Learnings taken

Signature

H/Handy

Seema  
ZOOLOGY DEPT.  
R.G.P.G. COLLEGE MEERUT

ON LINE CLASSES - MARCH, APRIL, MAY - 2020

S.No.	DATE	Name of Teacher	Course Alloted	Classes taken
5.		DR Manju Singh	M.Sc. II Sem. Genetics H-2063	ON LINE (ZOOM & Google Meet) & whatsapp 10 X 2 = 20
			M.Sc. III Sem Applied Fisheries H-4069.	ON LINE CLASSES (ZOOM & Google Meet) & whatsapp 10 X 2 = 20

Percentage of course completed	Departmental work.
<ul style="list-style-type: none"> <li>- Gene cloning, DNA Sequencing.</li> <li>- PCR, DNA Fingerprinting</li> <li>- Chromosome walking</li> <li>- FISH, GISH, Applications of Genetic Engineering.</li> <li># Fish Pathology - Control of fish disease Prevention and treatment.</li> <li># Riger Marks in Fish</li> <li># Methods of Preservation of Fish.</li> <li># Value Added Products.</li> <li>* by Products</li> <li># Fish spoilage - Bacterial and chemical.</li> <li># Unit-5</li> </ul>	<p style="text-align: right;">DATE</p> <ul style="list-style-type: none"> <li>- 5 ON Line Test conducted and evaluated.</li> <li>- 4 on Line Test conducted and evaluated.</li> </ul>





DATE

Online classes

**DEPARTMENT OF ZOOLOGY  
R.G.P.G. COLLEGE, MEERUT  
M.Sc II Semester**

S. No	Day	Date	Time	Code	Topic	Faculty Name	App/Tool	No. Of Students (17)
1.	Monday	27.4.2020	10-11.30 am	H-2065	Glycolysis & Glycogenolysis Revision Test(One word answers)	Dr. Kalpana Chaudhary	on what's app group	17
			11.30-1.00pm	H-2064	Test of Nerve Impulse transmission & Sense organs	Dr. Seema Jain	What's app group	17
2.	Tuesday	28.4.2020	10-11.30 am	H-2062	Revision Test- Chi square Test (MCQ's and Short questions)	Dr. Shashi Bala	PDF file shared on what's app group and You tube video	17
			11.30-1.00pm	H-2062	Test & Revision on DBMS. Logic gates	Dr. Garima Pundir	Power point shared on What's app group	17
3.	Wednesday	29.4.2020	10-11.30 am	H-2065	Stability of Protein (Denatn. folds, Motifs)	Dr. Manu Varma	PDF File shared on group mail of students	17
			11.30-1.00pm	H-2062	Revision on Protein Sequence Database	Dr. Shashi Bala	shared on whats app group	17
4.	Thursday	30.4.2020	10-11.30 am	H-2064	Respiratory Physiology	Dr. Seema Jain	PDF File provided on group mail of students	17
			11.30-1.00pm	H-2063	Chain Initiation and Termination and Unique DNA	Dr. Nidhi Goyal	PDF File provided on group mail of students	17
5.	Friday	1.5.2020	10-11.00 am	H-2063	Structure & Morphology of T4 Bacteriophage. Revision On DNA Finger Printing	Dr. Manju Singh	PDF File provided on group mail of students test on What's app group	17
			11-12.00pm	H-2065	Structure and Stability of Nucleic Acids	Dr. Manu Varma	2 PDF File will be shared on What's app group mail	17
			12.00-1.00p.m	H-2062	Test On sequence Analysis	Dr. Garima Pundir	What's app group	17
6.	Saturday	2.5.2020	10-11.00 am	H-2064	Stress & Adaptation	Dr. Kamna Sharma	Matter shared on What's app group	17
			11.00-12.00pm	H-2063	Test On Gene cloning. PCR, DNA Fingerprinting	Dr. Manju Singh	What's app group	17
			12.00-1.00 p.m.	H-2063	Split genes. Overlapping genes & pseudogenes	Dr. Nidhi Goyal	What's app group	17

ZOO DEPT  
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**DEPARTMENT OF ZOOLOGY**  
**R.G.P.G. COLLEGE, MEERUT**  
**M.Sc IV Semester**

S.No	Day	Date	Time	Code	Topic	Faculty Name	App/Tool	No. Of Students (15)
1.	Monday	27.4.2020	10-11.30 am	H-4067	Revision of Last 10 years questions	Dr. Garima Pundir	What's app group	14
			11.30-1.00pm	H-4066	Types Of Jaw Suspension in Fishes Weberian Apparatus	Dr. Manu Varma	2 PDF files shared on Group Mail	14
2.	Tuesday	28.4.2020	10-11.30 am	H-4069	Test On Fish By Products Short questions	Dr. Manju Singh	What's app group	14
			11.30-1.00pm	H-4069	Fishery Co-operative Revision Test (True & False)	Dr. Kalpana Chaudhary	What's app group	14
3.	Wednesday	29.4.2020	10-11.30 am	H-4067	Accessory Respiratory organs Morphology and function of Pseudobranch	Dr. Kamna Sharma	2 PDF Files Shared on What's app group	14
			11.30-1.00pm		Fish Osteology-Opercular series, Vertebrae and Girdles of <i>Wallago</i>	Dr. Nidhi Goyal	What's app group	14
4.	Thursday	30.4.2020	10-11.30 am	H-4066	Revision Test -Luminiscent organs in Fishes	Dr. Shashi Bala	What's app group	14
			11.30-1.00pm	H-4067	Revision & test will be conducted on Nervous system & Poison gland in Fishes	Dr. Garima Pundir	What's app group	14
5.	Friday	1.5.2020	10-11.00am	H-4068	Integrated Fish Farming Carp culture, Composite Fish Culture	Dr. Seema Jain	3 PDF files shared on What's app group mail	14
			11.00-12.00pm	H-4068	Molluscan Fisheries Exclusive Economic Zone	Ms. Vartika	2 PDF Shared On What's app group	14
			12-1.00 p.m	H-4066	Revision Test- Coloration in Fishes	Dr. Shashi Bala	What's app group	14
6.	Saturday	2.5.2020	10-11.00 am	H-4066	Lateral Musculature & Respiratory musculature of Fishes	Dr. Manu Varma	2 PDF files will be shared on Group mail	14
			11.00-12.00pm	H-4068	Test From Unit -5 & Crustacean Fisheries	Ms. Vartika	What's app group	14

Online classes

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