

Student Seminars

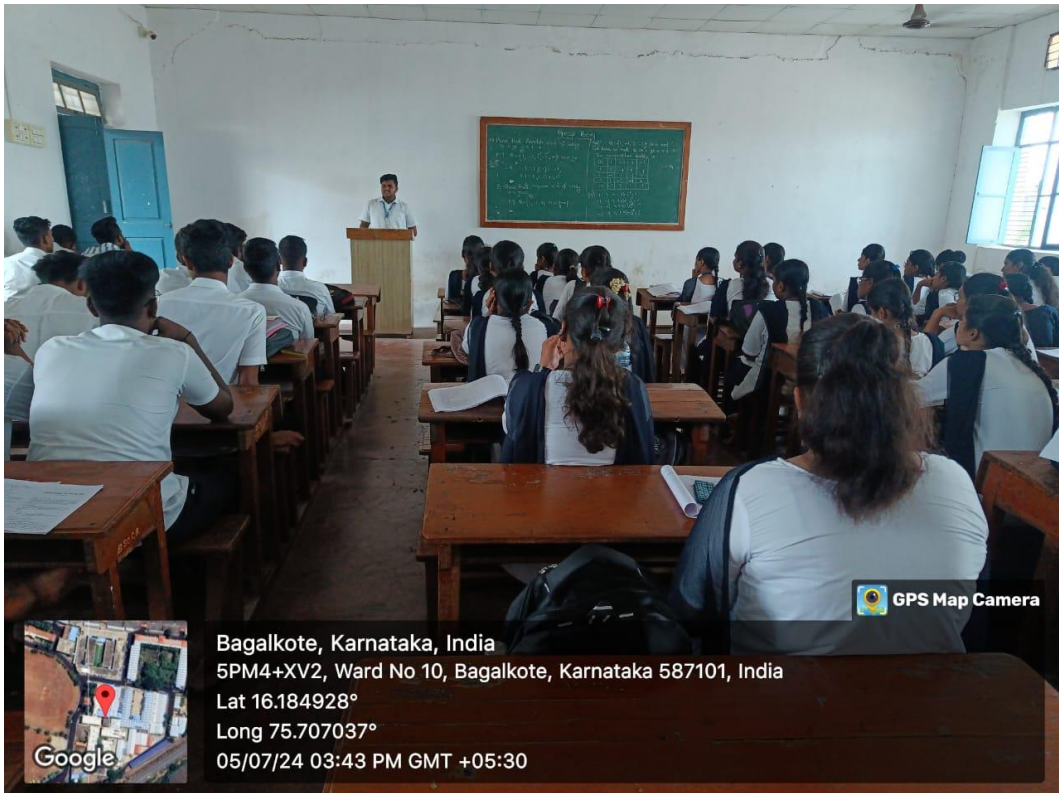


5PP4+3V8, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote
Karnataka
India

26°C
79°F

2023-12-14(Thu) 11:25(am)



Bagalkote, Karnataka, India
5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India
Lat 16.184928°
Long 75.707037°
05/07/24 03:43 PM GMT +05:30

GPS Map Camera



5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote

Karnataka

India

2024-07-19(Fri) 02:31(pm)



23°C

73°F

B.V.V.Sangha's
Basaveshwar Science College, Bagalkot

Consolidated List of Guest Lecture 2023-24

Sl. No	Name of the Department	Date	Topic	Resource person
1.	Botany	19-07-2024	Plant Physiology: Synthetic Plant Growth Regulators	Dr. Mallikarjun Awati Asst. Professor, Dept. of Plant Physiology, University of Horticultural Sciences, Bagalkot
2	Physics	26-08-2024	Nanotechnology Revolution: Emerging Techniques in Nanoparticles Synthesis	Dr. Vijayakumar D. Jangannavar Asst. Professor, Dept. of Physics, G.M. University, Davangere
3	Chemistry	02-02-2024	Green Chemistry	Prof. Prakash Timmanagoudar Professor, Dept. of Chemistry, Basaveshwar Engineering College, Bagalkot.
4	Zoology	03-08-2024	Environmental Biology	Dr. G.M. Hiremath Associate Professor (Retd), Dept. of Civil Engineering, Basaveshwar Engineering College, Bagalkot.
5	Microbiology	26-07-2024	Role Of Microbes in Environmental Conservation	Dr. Gayatri Vaidya Asst. Professor, Dept. of Food Biotechnology, Davangere University, Davangere.
6	Biotechnology	26-07-2024	Role Of Microbes in Environmental Conservation	Dr. Gayatri Vaidya Asst. Professor, Dept. of Food Biotechnology, Davangere University, Davangere.
7	PG Physics	26-08-2024	Nanotechnology Revolution: Emerging Techniques in Nanoparticles Synthesis	Dr. Vijayakumar D. Jangannavar Asst. Professor, Dept. of Physics, G.M. University, Davangere


PRINCIPAL
Basaveshwar Science College
BAGALKOT

Guest Lectures

Department of Botany



Department of Zoology



Department of Physics(PG)



Department of Physics (UG)





5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote

Karnataka

India

2024-08-26(Mon) 11:42

28°C

82°F

Department of Chemistry



Bagalkote, Karnataka, India

5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Lat 16.184935°

Long 75.706894°

07/02/24 11:34 AM GMT +05:30

GPS Map Camera

Department of Microbiology & Biotechnology



Student Projects

Students visited different industries and field work for their Project work

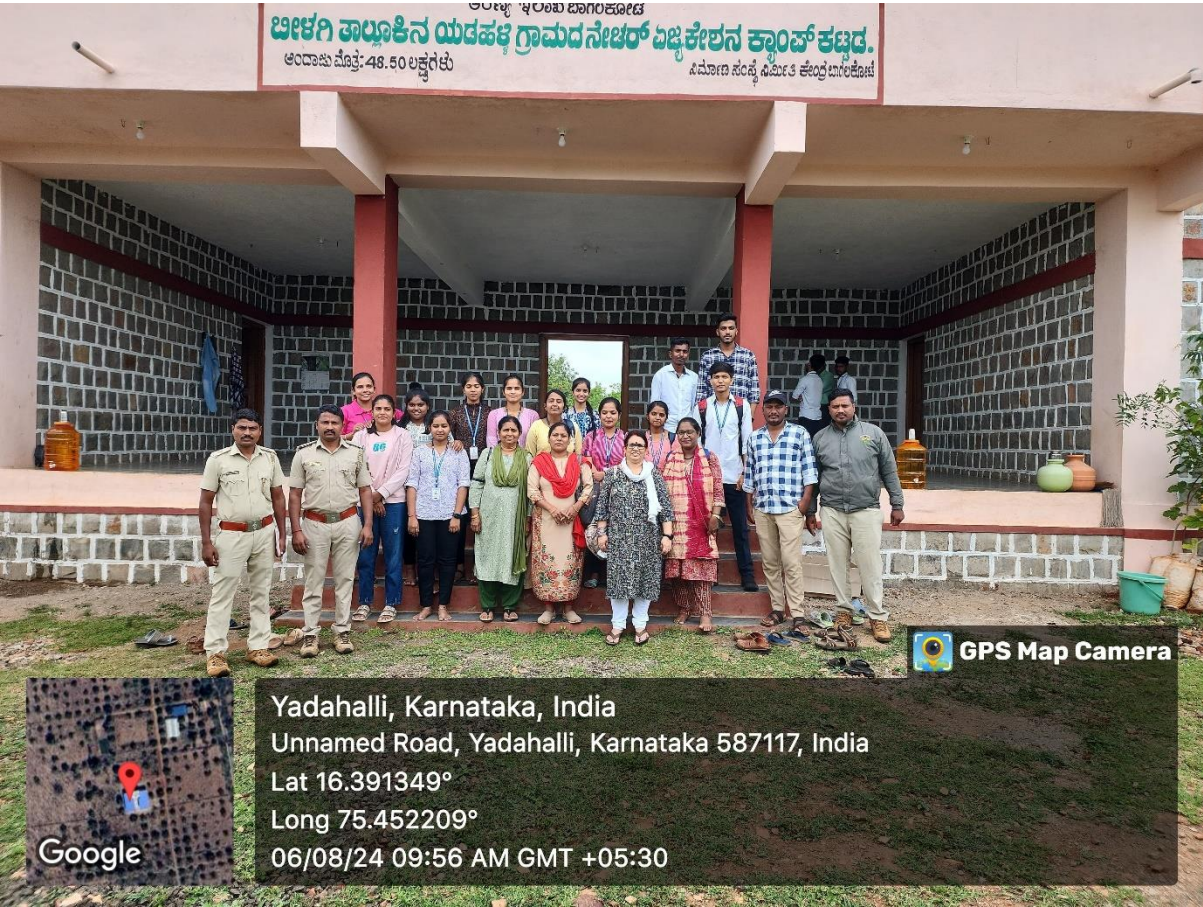




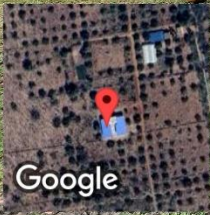
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Lat 16.391327°
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06/08/24 10:11 AM GMT +05:30



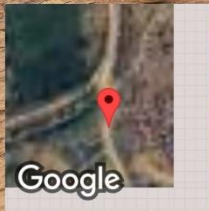
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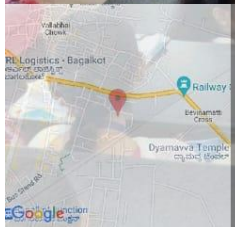


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Yadahalli, Karnataka, India
9FM3+78R, Yadahalli, Karnataka 587121, India
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06/08/24 10:17 AM GMT +05:30

Project: Department of Physics



5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India
Bagalkote
Karnataka
India

2024-07-24(Wed) 12:26(pm)

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5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote

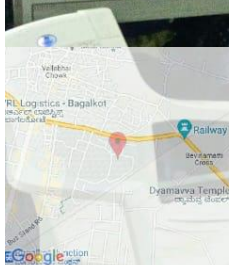
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India

2024-07-24(Wed) 12:27(pm)

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Certificate Courses


B. V. V. Sangha's

Basaveshwar Science College, Bagalkot

Certificate programs offered during the Year- 2023-24

Sl.No	Department	Certificate Course Title
1	Chemistry	Innovation in wine technology
2	Physics	Zener diode used as voltage regulator
3	Mathematics	Quantitative Aptitude for competitive examination
4	Language department	Significance of Moral Values in Literature
5	Botany	Fundamentals of Horticultural Science
6	Zoology	Migratory Birds
7	Computer science	Coding Skills
8	Chemistry (PG)	Instrumental Methods of Chemical Analysis
9	Physics(PG)	Experimental physics
10	Mathematics (PG)	Numerical Analysis


Criteria-I Head


Principal
Basaveshwar Science College
BAGALKOT

Inauguration of Certificate Courses



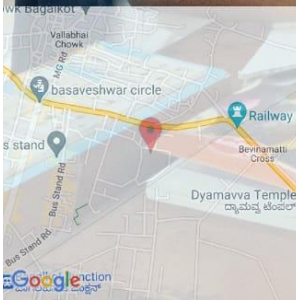
Field Visits as part of Certificate Course.
Bird watching in Herkal



Visit to Rico Winery PVT Ltd. Vijayapura



"Experiential Learning through Student-Led Practical Activities"



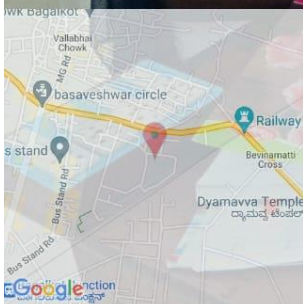
5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote
Karnataka
India



25°C
77°F

2024-07-16(Tue) 01:29(pm)



5PM4+XV2, Ward No 10, Bagalkote, Karnataka 587101, India

Bagalkote
Karnataka
India




25°C
77°F

2024-07-16(Tue) 02:52(pm)

Faculty members support participative learning by developing detailed teaching plans and maintaining regular instructional documentation.

B.V.V.Sangha's



**BASAVESHWAR SCIENCE COLLEGE
BAGALKOT**

WORK DIARY

Year : 2023 - 2024

NAME Smt. Surekha R. Sabarad :

DESIGNATION: Associate Professor DEPARTMENT: Zoology

B. V. V. SANGHA'S
**BASAVESHWAR SCIENCE COLLEGE
BAGALKOT - 587 101**

WORK DIARY
2023 - 24

NAME OF THE TEACHING STAFF	<u>smt. Surekha R. Sabarad</u>
DESIGNATION	<u>Associate Professor</u>
DEPARTMENT	<u>Zoology</u>
TEACHING HOURS IN A WEEK	<u>05 hrs</u>
PRACTICAL HOURS IN A WEEK	<u>16 hrs</u>
TOTAL HOURS IN A WEEK	<u>21 hrs.</u>

SIGNATURE OF THE PRINCIPAL _____
SIGNATURE OF THE H.O.D. _____
SIGNATURE OF THE STAFF _____


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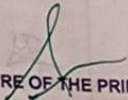
B.Sc. I sem : Genic balance mechanism of sex determination
sex linked characters in humans & dosage compensation. Extension of Mendelism

B.Sc. III sem : RNA polymerase - Transcription



B.Sc. V sem : Phylum mollusca


SIGNATURE OF THE STAFF


SIGNATURE OF THE H.O.D.


SIGNATURE OF THE PRINCIPAL

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D.
1/12/23 Fri	2-6pm	V sem practical	Protozoa : Systematics of Amoeba, Euglena, Paramecium, Noctiluca and vorticella (Porifera : systematics of Sycon, Euplectella, Hyalozouma, Spongilla & Euspongia T.S. of Sycon, Spicules & Gemmules)		
2/12/23 Sat	10-11-15	V sem	Metamorphosis in Insects : Ametabola, Metabola - Parometabola, Hemimetabola, Holometabola etc.		
	2-6pm	V sem practical	Comparative account of osteology skeletal system : introduction of skull skeleton		

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
3/12/23			SUNDAY		
4/12/23 Mon	8-12p	I sem practical	Simple & compound microscopes study of cell types: epithelial cell, Neurons, striated muscle cell.	ST	
	1.15-2.15	III sem	RNA polymerases - Polymerase I, II, III, IV & V. Its Functions	ST	
5/12/23 Tues	11.15-12.15	V sem	Phylum mollusca - General charac- -teristics	ST	
6/12/23 Wed	10.15-11.15	V sem	Phylum Mollusca - characters	ST	
7/12/23 Thur	8-12pm	III sem practical	Compound & simple microscopes	ST	

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
13/12/23 Wed	8-12	IV sem practical	Torsion in leasopoda.	ST	
	3.30-4.30	I sem	Sex linked characters - colourblind- -ness & haemophilia	ST	
14/12/23 Thur	8-12	III sem practical	Bulkers -	ST	
15/12/23 Fri	2-6pm	V sem practical	Systematics of Phylum Platyhelminthes - Planaria, Fasciola & Taenia solium Ascaris male & Female. Phylum Mollusca - Pheretima, Nerereis, Heteronereis, Sabella & Aphrodite.	ST	

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
8/12/23 Fri	2-6pm	V sem	Phylum Porifera : <u>Falcareo</u> , Hexactinellida & <u>Demo-Spongiae</u> . Phylum Cnidocentrate, Hydrozoa, Schyphozoa & <u>Anthozoa</u> with examples	<i>[Signature]</i>	
9/12/23 Sat	10.15-11.15	V sem	Classification of mollusca	<i>[Signature]</i>	
	1.15-2.15	I sem	Environmental & Hormonal method of sex determination.	<i>[Signature]</i>	
	2.30-5.30	IV = II	Osteology practical	<i>[Signature]</i>	
10/12/23 Sun			SUNDAY		
11/12/23 Mon	8-12p	I sem practical		<i>[Signature]</i>	
11.15-2.15 Mon	1.15-2.15	III sem	Transcription	<i>[Signature]</i>	
12/12/23 Tues	11.15-12.15	V sem	mollusca classification. Economic importance of <u>Hydrozoa</u> (Insects)	<i>[Signature]</i>	

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
16/12/23 Sat	10.15-11.15	V sem	Classification of mollusca. Torsion in Gastropoda	<i>[Signature]</i>	
	1.15-2.15	I sem	Dosage compensation : Lyon Hypothesis, Barr Bodies, Drumstick nuclear appendages etc.	<i>[Signature]</i>	
17/12/23 Sun			SUNDAY		
18/12/23 Mon	8-12	B.Sc I Sem Practical	Karyotype - normal male, female, Down's syndrome, Klinefelters syndrome & Turners syndrome	<i>[Signature]</i>	
	2.15-3.15	III sem	Genetic code, Introduction, Table a. acids. Properties of genetic code	<i>[Signature]</i>	
19/12/23 Tues	11.15-12.15	V Sem	Torsion in Gastropoda - Definition Causes & mechanisms - Contraction of retractor muscles & differential growth	<i>[Signature]</i>	



WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
25/12/23 Mon			Holiday (Christmas)		
26/12/23 Tues	11-15-12-15		Study of Phylum Echinodermata Classification of Echinodermata - Classes - Asterozoa, Ophiurozoa, Echinozoa, Holothurozoa & Crinozoa with examples NAAC work Went to Library	ST	
27/12/23 Wed	10-15-11-15		Coelom vascular system in Asterias Pentaceros : External morphology & reproductive system. Went to Library	ST	
28/12/23 Thur	8-12pm	III sem practical	DNA detection	ST	
29/12/23 Fri			On DL. (Bagalkot University Jamathandi Attended BOS meeting)		

WORK DETAILS FOR THE MONTH OF December 2023

DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
20/12/23 Wed	10-15-11-15	V sem	Pearl formation - Pearl Definition Pearl forming bivalves, sites in India Mode of formation. Structure of Pearl Pearl culture - Techniques & methods	ST	
21/12/23 Thur	III sem practical		Detection of RNA by orcinol method	ST	
22/12/23 Fri	2-6pm	V sem practical	Study of systematics of Phylum Arthropoda - Prawn, Meth, Limulus scoropendra, Peripatus, etc. Phylum mollusca - Rhyton, Pila, Sepia, Octopus, Mytilus. Larvae - Zoae, Mysis, Trochidium	ST	
23/12/23 Sat			On CL		
24/12/23 Sun			SUNDAY		

WORK DETAILS FOR THE MONTH OF December 2023


DATE	TIME	CLASS	DESCRIPTION OF THE WORK IN BRIEF	SIGN. OF THE STAFF	SIGN. OF THE H.O.D
30/12/23 Sat	6.15-11.15	V sem	Economic importance of Sericulture. Introduction Diff. types, Lifecycle, etc.		
	1.15-2.15	I sem	Multiple alleles - Introduction, definition characters. Ex: ABO Blood group in Humans and Rh factor		
31/12/23 Sun			SUNDAY		


SYLLABI NOT COVERED IN THE MONTH OF December 2023


B.Sc. I sem - completed as per fee schedule

B.Sc. III sem - " "

B.Sc. V sem - " "


SIGNATURE OF THE STAFF


SIGNATURE OF THE H.O.D.



SIGNATURE OF THE PRINCIPAL

May - 13
 Jun - 13
 July - 13
 Aug - 13

TIME-TABLE

DAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8 to 9						
9 to 10	I sem practical			III Sem practical		
10.15 to 11.15			B.Sc.V sem			B.Sc.V sem
11.15 to 12.15		B.Sc.V sem				
12.15 to 1.15						B.Sc.V sem
1.15 to 2.15-30	B.Sc.III sem					
3.30 to 4.30						
4.30 to 5.30					I sem practical	
5.30 to 6.30						I sem practical


 TEACHING STAFF


 HEAD OF THE DEPARTMENT

PRINCIPAL

Teaching Plan

B.V.V.Sangha's



Basaveshwar Science College, Bagalkot

Department of Zoology

Year--2023-24


Teaching plan of individual staff

Name of the staff: S.R.Sabard

Class: --I Sem

Total No. of Hours: 14hrs

Sl.No	Month	No. of Available Periods	Syllabus to be covered	No. of hours
1	Nov	4	Mendelism and Sex Determination	
			Basic principles of heredity:	1hr
			Mendel's laws- monohybrid cross and dihybrid cross	1hr
			Complete and Incomplete Dominance	1hr
2	Dec	4	Genetic Sex-Determining Systems, Environmental Sex Determination,	1hr
			Sex Determination and mechanism in <i>Drosophila melanogaster</i> .	1hr
			Sex-linked characteristics in humans and dosage compensation	2hrs
3	Jan	4	Extensions of Mendelism, Genes and Environment	
			Extensions of Mendelism: Multiple Alleles,	1hr
			Gene Interaction.	2hrs
			The Interaction Between Sex and Heredity: Sex-Influenced and Sex-Limited Characteristics	1hr
4	Feb	3	Cytoplasmic Inheritance, Genetic Maternal Effects	2hrs
			Inheritance of continuous characters.	1hr


 Staff Signature



Basaveshwar Science College, Bagalkot

Department of Zoology

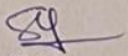
Year--2023-24

Teaching plan of individual staff

Name of the staff: S.R.Sabarad

Class: ---III Sem Total No. of Hours: 14hrs

Sl.No	Month	No. of Available Periods	Syllabus to be covered	No. of hours
1	Nov	3	Process of Transcription Fine structure of gene (Cistron, Recon, Muton)	3hrs
2	Dec	3	RNA polymerases - types and functions Transcription in prokaryotes	2hrs 1hr
3	Jan	4	Transcription in eukaryotes Process of Translation Genetic code and its salient features	2hrs 2hrs
4	Feb	4	Translation in prokaryotes Translation in eukaryotes	2hrs 2hrs


 Staff Signature



Basaveshwar Science College, Bagalkot

Department of Zoology

Year--2023-24

Teaching plan of individual staff


Name of the staff: S.R.Sabarad

Class: ---V Sem

Total No. of Hours: 42hrs

Sl.No	Month	No. of Available Periods	Syllabus to be covered	No. of hours
1	Nov	11	<p>Paper-I</p> <p>Phylum Arthropoda General characters and classification upto classes; Metamorphosis in Insects and economic importance insects. Type study: Palaemon (Prawn) - (Morphology, Appendages, Nervous system and Reproduction).</p> <p>Phylum Mollusca General characters and classification upto classes;</p>	2hrs 1hr 1hr 1hr 2hrs 1hr 1hr
2	Dec	13	<p>Torsion in gastropods, Pearl formation. Type study: Pila (morphology, shell, respiration, nervous system and Reproduction)</p> <p>Phylum Echinodermata General characters and classification upto classes; Water-vascular system in Asteroidea. Type study: Pentacerous (Morphology and Reproduction)</p> <p>Economic Zoology: Pests: Life cycle and their control of following pests: Gundhi bug, Leaf hopper. Vectors: Prevention and control of Termites and Mosquitoes</p>	2hrs 1hr 1hr 1hr 1hr 2hr 1hr 1hr 1hr 1hr

3	Jan	14	<p>Economic Zoology: Economic importance of Lac Culture, Vermiculture and Sericulture</p> <p>Paper-II Vertebrates: General characters and Classification of Pisces - Chondrichthyes upto the orders with five characters for each order citing examples Osteichthyes, upto the orders with five characters for each order citing examples</p> <p>Amphibia, upto the orders with five characters for each order citing examples</p> <p>Reptilia, upto the orders with five characters for each order citing examples</p> <p>Aves, upto the orders with five characters for each order citing examples</p>	<p>1hr 1hr 1hr 1hr</p> <p>2hrs</p> <p>2hrs</p> <p>2hrs</p> <p>2hrs</p> <p>2hrs</p>
4	Feb	12	<p>Aves, upto the orders with five characters for each order citing examples</p> <p>Mammalia) upto the orders with five characters for each order citing examples</p>	<p>1hr</p> <p>3hrs</p>


 Staff Signat