



VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHA

VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,
SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)

(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University,

Nagpur.) NAAC Reaccredited B++ (CGPA: 2.8)

Programme Report

- Name of Program / Event : Bridge course
- Name of the Organizing Department : Department of Zoology
- Date, Venue, Time/ Duration: 21/7/2023 to 31/7/2023
- Number of participated students/ faculty members/ research scholar : 52
- Name of the speaker / guest : Dr. M. S. Ambatkar , Dr. A.M.Bhende

• Introduction of the event: (100 words)

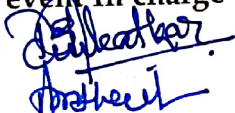
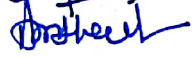
The purpose of a bridge course is to facilitate a smooth transition for individuals from one educational level to another or from one discipline to another. It serves as a preparatory program that helps Students Bridge the gap between their current knowledge and the requirements of the next academic level or the target field of study. Bridge courses aim to prepare students academically for higher education by reinforcing fundamental concepts and skills.

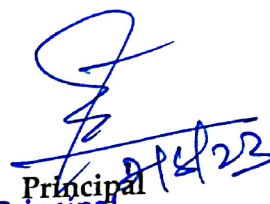
Objective of the event: (Maximum 5 bullets points)

- Enhance foundational knowledge: The bridge course helps students build a strong foundation in core subjects related to Zoology
- Smooth transition: B.Sc. bridge courses are designed to ease the transition from school education to higher education.
- Strengthening basics: The bridge course ensures that students have a clear understanding of fundamental principles and concepts.
- Academic preparedness: Ultimately, the primary objective of a bridge course is to ensure that B.Sc. students are academically prepared.
- Bridging the knowledge gap: The course assists students in bridging the gap between the syllabus they studied in junior college.

Outcome:

- Academic Readiness: The bridge course helps B.Sc. students become academically prepared for the challenges.
- Improved Performance: Students who participate in a bridge course have experience improved performance in their B.Sc. studies.
- Confidence Boost: Bridge course boost students' confidence levels.
- Better Understanding of Career Options: This bridge courses has included career counseling or information sessions that helped students gain a clearer understanding of various career paths available to B.Sc .graduates.

Name and Sign of event In charge
Dr. M.S.Ambatkar 
Dr. A.M.Bhende 


Principal
Principal
Vidya Vikas Art's Commerce
& Science College, Samudrapur
Dist. Wardha 442305

Date: 05/08/2023

Place: Samudrapur

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(Affiliated To RTM Nagpur University, Nagpur)



Bridge Course Syllabus (10 Hour)

DEPARTMENT OF ZOOLOGY

2023-2024 (Date 21/07/2023 to 31/07/2023)

Contents

Unit 1

1 Invertebrates and Vertebrates

- 1.1 General characteristics of phylum Protozoa to Echinodermata
 - 1.2 General characteristics of class Pisces to Mammalia
- Applied Zoology

Unit 2

2 Environmental and Applied Biology

- 2.1 Atmosphere ,
- 2.2 Sericulture , Apiculture ,
- 2.3 Lac culture, Pisciculture , Pearl culture
- 2.4 Global Warming , Green house effect , Acid rain
- 2.5 Pollution and types of pollution

Unit 3

- 3.1 Cytology , Morphology, Anatomy
- 3.2 Prokaryotic and Eukaryotic cell , Cell organelles
- 3.3 Respiration

Unit 4

Physiology

- 4.1 Excretory , Digestive , Reproductive and Nervous System and Circulatory system , Sense organs
- 4.2 Endocrinology
- 4.3 Exocrine glands , Endocrine glands , Hormones ,

Unit 5 Immunity and Genetics

5.1 Immunology

5.2 Heredity and Variations

5.3 Nucleic acid (DNA and RNA)

5.4 Biotechnology

5.5 Embryology and Placenta

5.6 Bio Statistics and Molecular Biology



VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR DIST- WARDHA.
TIME TABLE FOR 2023-24 (21/07/23 TO 31/07/23 Bridge Course)

MONDAY

TIME	10.30 to 11.18	11.18 to 12.06	12.06 to 12.54	1.10 to 1.58	1.58 to 2.46	2.46 to 3.34	03.34 to 4.22
CLASS	1	2	3	4	5	6	7
B.Sc. Sem-I	ENG (R16) (V. Rajeshyam)	ZOO (AMB) (R16) / MATH (SWS)(R17)	CHEM (R16) (SWA)	BOT (SDY) (R16)/ PHY (NDS) (R17)	MAR (R16) (KALE MADAM)	CS (R16) (DRW)	
B.A. Sem-I (R04)	HIS VMC	ENG PST	POL RHR	MLT/ECO IKS/PMS	SOC MND	MAR MBK	
B. Com. Sem-I (R24)	CF/CS WJC	F.A./SBM RRR	ENG NRA	MAR Kale Madam	BE RKN		

TUESDAY

TIME	10.30 to 11.18	11.18 to 12.06	12.06 to 12.54	1.10 to 1.58	1.58 to 2.46	2.46 to 3.34	03.34 to 4.22
CLASS	1	2	3	4	5	6	7
B.Sc. Sem-I (CBZ)	ENG (R16) (V. Rajeshyam)	BOT (NSS) (R16)/ PHY (SRS) (R17) (NSS)	CHEM (R16) (RGG)	ZOO (AMB) (R16) / MATH (SWS)(R17)	CS (R16) (DRW)	MAR (R16) (KALE MADAM)	
B.A. Sem-I (R04)	MAR MBK	MLT/ECO IKS/PMS	SOC MND	HIS VMC	HECO VRM	ENG PST	
B. Com. Sem-I & II (R24)	ENG NRA	F.A./SBM RRR	BS/SD RGG	BE RKN	CF/CS WJC		

WEDNESDAY

TIME	10.30 to 11.18	11.18 to 12.06	12.06 to 12.54	1.10 to 1.58	1.58 to 2.46	2.46 to 3.34	03.34 to 4.22
CLASS	1	2	3	4	5	6	7
B.Sc. Sem-I (CBZ)	ENG (R16) (V. Rajeshyam)	ZOO (MSA) (R16) / MATH (SWS)(R17)	CHEM (R16) (RGG)	BOT (SDY) (R16)/ PHY (SRS) (R17)	ENG (R16) (V. Rajeshyam)	CS (R16) (DRW)	MAR (R16) (KALE MADAM)
B.A. Sem-I (R04)	MAR MBK	POL- RHR HEC- VRM	ENG PST	HIS VMC	SOC MND	HECO (P) VRM	
B. Com. Sem-I (R24)	F.A./SBM RRR	BE RKN	CF/CS WJC	MAR Kale Madam	BS/SD RGG	ENG NRA	

THURSDAY

TIME	10.30 to 11.18	11.18 to 12.06	12.06 to 12.54	1.10 to 1.58	1.58 to 2.46	2.46 to 3.34	03.34 to 4.22
CLASS	1	2	3	4	5	6	7
B.Sc. Sem-I (CBZ)	MAR (R16) (IKS)	BOT (NSS) (R16)/ PHY (SRS) (R17)	ZOO (AMB) (R16) / MATH (SWS)(R17)	ENG (R16) (V. Rajeshyam)	CHEM (R16) PROF-X1	CS (R16) (DRW)	
B.A. Sem-I (R04)	ENG PST	SOC MND	MLT / ECO IKS / PMS	POL- RHR HEC- VRM	HECO (P) VRM	MAR MBK	
B. Com. Sem-I (R24)	ENG NRA	MAR Kale Madam	F.A./SBM RRR	BS/SD RGG	CF/CS WJC		

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[illegible]

[illegible]

Bridge course paper

Dept. of Zoology (Max .Marks 20) Time 1 hrs

Ques No.1 Define the following terms (20 Marks)

- 1) Atmosphere 2) Green house effect
- 3) Global warming 4) Excretion
- 5) Respiration 6) Biostatistics
- 7) Biotechnology 8) Genes
- 9) Sericulture 10) Applied Zoology 11) Immunology
- 12) Molecular biology 13) Embryology
- 14) Pollution 15) Placenta

Ques.No. 2 Solve the following objectives (14 Marks)

- 1) The word factor was coined by a) Johansson b) Mendel c) Morgan d) None
- 2) Mendelian factor was given the name-----
A) Genes b) DNA c) both d) None
- 3) The nitrogenous base ----- absent in RNA .
a) Thymine b) Uracil c) Adenine d) Guanine
- 1) Exocrine gland contain _____
a) Duct b) Ductless b) Heterocrine d) None
- 2) Ductless glands are
a) Exocrine b) Endocrine c) Both d) None
- 3) The presence of vertebral column is -----
a) Vertebrates b) In vertebrates c) Both d) None .



VIDYA VIKAS ARTS, COMMERCE AND SCIENCE COLLEGE,
SAMUDRAPUR, DIST. WARDHA

2023

BRIDGE COURSE MARKSHEET

Sr.No	Full Name of Students	Marks Obtained
1	PALLAVI KHOGIRCHAND JUGNAKE	14
2	REVATI NAGO USARE	11
3	VEDANTI DHANRAJ SHERAKI	07
4	SHIRADDHA SUNIL GIRI	11
5	GAURI DHARMARAJ KAPASE	11
6	RENUKA VENUDAS JAMBHULE	06
7	KAVERI CHANDRABHAN DHOK	15
8	RIYA RAMESHWAR BAWANE	14
9	MEGHA ARVIND WADHAI	14
10	SNEHA MANOJ KATMUSARE	12
11	SWARANJALI RAMCHANDRA SHINDE	13
12	SUJANI SURESH NIWATE	07
13	ANISHA DHANPAL SHELKE	09
14	BHAVIKA CHINDHUJI SHENDE	16
15	DHANASHRI SUDHAKAR VAIDYA	14
16	MANASVI DILIP THOOL	10
17	SAKSHI DILIPRAO SAWSAKADE	12
18	SHRIJYA MOHAN RANDYE	13
19	VANSHIKA SURESH SURYAWANSHI	12
20	TUSHAR RAJESH TULASKAR	14
21	KALYANI ASHOK MANDADE	12
22	SAKSHI SOMESHWAR MOON	13
23	BHAVIKA RAMBHIAU BELE	18
24	RUCHIKA RAVINDRA ATRAM	16
25	JAYASHRI VITHOBA CHAMBHARE	12
26	ASMITA VASANT SONTAKKE	12

27	RANI RAJU NEHARE	11
28	PRATIKSHA RAJU MANDAOKAR	10
29	RUSHALI SUBHASH KUNDOJWAR	06
30	SUJANI ANIL THAKRE	11
31	PALAK PRAVIN BELE	11
32	ACHAL RAJU WARGHANE	10
33	DIVYA NARESH KHADE	15
34	PRANALI PRAMOD HULKE	10
35	APURVA PRUTHVIRAJ URKUDE	10
36	NANDINI KISHOR SHELKI	14
37	PALAK MAHENDRA MOON	16
38	PRASHIKA RAJU ARADE	14
39	CHHAKULI RAMESHRAO GIRI	14
40	SHIVANI RAMDAS YEWALE	14
41	KSHITIJ PRALHAD TARALE	05
42	UJWALA MANOJ CHALAKH	09
43	DIVYANI DILIP PUND	15
44	ARATI VILAS TONPE	18
45	VAISHNAVI ASHISH GIRI	10
46	DHANASHRI PRABHAKAR BANAIT	16
47	VAISHNAVI RAMESHDAS LASHKARE	17
48	KRUSHNA KAMALKISHOR VARMA	18
49	SHRUTIKA WASUDEO BOKADE	14
50	SAKSHI MORESHWAR RAMTEKE	11
51	MEGH PURUSHOTTAM CHINCHULKAR	12
52	GAYATRI PURUSHOTTAM ARADE	14
53	PRIYANKA VINOD SUPARE	16
54	SAKSHI SURESH SONULE	14
55	POOJA SANJAY SWAMI	15
56	HARSHALI VILAS CHANDANKHEDE	10
57	VAISHNAVI NANDALAL DARUNKAR	16
58	SHRUSHTI PRAKASH BELE	09
59	SAHIL SUNIL NEHARE	18
60	AKANKSHA SURESH SHANKARPALE	07
61	RUTUJA NANDUJI NAIK	08
62	MANASVI GAJANANRAO KAPKAR	18
63	PRAJAKTA SHARAD KHUDESANGE	10
64	MAHESHWARI SUBHASH GAWATE	15
65	PRANJALI SADASHIV RAUT	12
66	TANVI PRAKASH SAKUDE	14
67	SAURABH DILIPRAO FUSATE	13
68	KALYANI SHANKARRAO TAMGADGE (RE)	14
69	UNNATI SUNIL UIKE	

70	SNEHA VIJAY MAHAJAN	12
71	PRACHI CHANDRASHEKHAR NAKHATE	13
72	CHAITALI KAWADUJI NARAD (RE)	11
73	SAYALI MAHENDRA WASEKAR	16
74	VAISHNAVI AMBADAS CHAMBIHARE	11
75	KAILAS DHANRAJ GIRI	12
76	SNEHA VIJAY FARKADE (RE)	16
77	VAISHNAVI ANIL BHOYAR (RE)	13
78	PRACHI GAJANAN LADHI	12

79. Swetha M. Chikhalkar.

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Dr. M. S. Ambatkar
Head, Dept. of Zoology
Vidya Vikas Art's, Commerce
Science College, Samudraj
Dist. Wardha 442309