



Nevjabai Bhaiya Hitkarini Education Society's
Nevjabai Hitkarini College,
Bramhapuri
Dist. Chandrapur, (M.S.)-441206
Affiliated to Gondwana University, Gadchiroli
Re-Accredited By NAAC B++ (2.87 CGPA)

Annual Quality Assurance Report

AQAR: 2022-23

CRITERIA - I

CURRICULAR ASPECTS

Metric Number: 1.1.1.

Metric Name : The Institution ensures effective curriculum delivery through a well planned and documented process

Principal
Nevjabai Hitkarini College Bramhapuri



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GONDWANA UNIVERSITY, GADCHIROLI

(Established by Government of Maharashtra Notification No. MIDC-2007/(322/07) UNI-4 Dated 27th Sept. 2011 & Presently a State University governed by Maharashtra Public University Act, 2016 (Maharashtra Act No. VI of 2017)

(ACADEMIC SECTION)

M.I.D.C. ROAD, COMPLEX, GADCHIROLI, DIST GADCHIROLI -442605 (Acad. Landline No.) 7132-223323

No. G.U. / Acad. 403/2022

Date 31/05/2022

Notification

It is notified for general information of all the University conducted/constituent/affiliated colleges and Post Graduate Teaching Department of the University that the Academic Calendar for the Session 2022-2023 shall be as under:-

Academic Calendar for the Session 2022-2023

Minimum instruction days per semester are:

Semester I	90 days and for professional courses as mentioned by Central admission process.
Semester II	90 days
Total	180 days

A) ACADEMIC CALENDAR FOR THE COURSES CONDUCTED AS PER "SEMESTER" PATTERN FOR SESSION 2022-2023

1. Terms & Vacation

First Term (Odd semesters)	: 16/07/2022 to 20/01/2023
Diwali Holidays /Winter Vacation	: 20/10/2022 to 19/11/2022
Second Term (Even semesters)	: 21/01/2023 to 31/05/2023
Summer Vacation	: 01/06/2023 to 30/06/2023

2. Admissions

a) Last date of admission (First term odd sem)	: 31/08/2022
b) Last date for Admission with prior permission of the Vice-Chancellor	: 30/09/2022

3. Last date of submission of Enrollment form to the university

- : i) upto 12/09/2022 for admitted students upto 31/08/2022
- ii) upto 10/10/2022 for the Students admitted between 01/09/2022 to 30/09/2022
- iii) For centralized admission last date of enrollment shall be 10 days from the date admission, as notified by competent authority.

4. Examination

a) Winter semester Examinations.	
Commencement of Examination	: 10/12/2022
Last date for receipt of examinations Forms	
a) Regular students	: 15/10/2022
b) Old Ex-students/ External student	: 15/10/2022
c) Ex-Students of immediately previous Examination	: 15/10/2022

5. Examination

a) Summer Semester Examinations.	
Commencement of Examination	: 20/05/2023
Last date for receipt of examinations Forms	
a) Regular students	: 04/04/2023
b) Old Ex-students/External students	: 04/04/2023
c) Ex-Students of immediately previous Examination	: 04/04/2023

6. Declaration of Results As per provision of Maharashtra Public Universities Act,2016
B) ACADEMIC CALENDAR FOR THE COURSES CONDUCTED AS PER "ANNUAL" PATTERN FOR SESSION 2022-2023

1. Terms & Vacation

First Term : 16/07/2022 to 20/01/2023
 Winter Vacation : 20/10/2022 to 19/11/2022
 Summer Vacation : 01/06/2023 to 30/06/2023

2. Admission

a) Last date of Admission : 31/08/2022
 b) Last date for Admission with prior permission of the Vice-Chancellor : 30/09/2022

3. Last date of Enrolment

Enrollment forms to the university

i) upto 12/09/2022 for admitted students upto 31/08/2022

ii) upto 10/10/2022 for the students admitted between 1/09/2022 to 30/09/2022

iii) For centralized admission last date of enrollment shall be 10 days from the date admission, as notified by competent authority.

4. Examinations

a) Winter Examinations.

Commencement of Examination : 10/12/2022

Last date for receipt of examination Forms

a) External students : 15/10/2022
 b) Old Ex-Students : 15/10/2022
 c) Ex-Students of immediately previous examination : 15/10/2022

5. Examinations

a) Summer Examinations

Commencement of Examination : 20/05/2023

Last date for receipt of examination Forms

a) Regular Students : 04/04/2023
 b) Old Ex-Students : 04/04/2023
 c) External Students : 04/04/2023
 d) Ex-Students of immediately previous examination : 04/04/2023

Ph.D.

Sr. No.	Examination	Date
1	PET Examination	25/09/2022
2	Ph.D. Course Work	Shall be notified Separately.

SPECIAL ACADEMIC EVENTS

University Foundation Day	2nd October
Convocation of university	As per prior Approval of Hon'ble Chancellor

Note:- Commencement of Next Academic Session for this batch 01/07/2023

By Order of the Hon'ble Vice-Chancellor

01.5.2022
 (Dr. Anil Z. Chitade)
 Registrar(I/c)

Copy forwarded for information and necessary action to :-

1. P.A. to Hon'ble Vice-Chancellor, Gondwana University, Gadchiroli.
2. P.A. to Hon'ble Pro-Vice-Chancellor, Gondwana University, Gadchiroli
3. The Registrar of All Universities in the Maharashtra State.
4. The Principals/Director of all affiliated Colleges/Heads of the Post-Graduate Teaching Departments / Statutory officers/ Deputy Registrar of the Gondwana University, Gadchiroli.
5. Director, Knowledge of Resource Center of the Gondwana University, Gadchiroli.
6. System Analyst, Gondwana University, Gadchiroli.

(Dr. Hemant Barsagade)
 Deputy Registrar (Acad.)

Nevjabai Hitkarini College, Bramhapuri

Calendar of Major Academic, Co-curricular and Extra-curricular Activities (2022-23)

Day & Date	Nature of Activities
<i>June 2022</i>	
01/06/2022	Opening of College
02/06/2022	IQAC Meeting
03/06/2022	Meeting Admission Committee
05/06/2022	Tree Plantation- Observation on World Environmental Day
06/06/2022	Meeting -Prospectus
10/06/2022	Discussion on Previous year AQAR
14/06/2022	Meeting –Planning Academic Session
20/06/2022	Admission for UG start
21/06/2022	Observation of International Yoga Day
<i>July 2022</i>	
01/07/2022	Staff Council meeting and Distribution of Portfolio-22-022-23
First Week	Departmental Meetings, Distribution of Workload, Preparation of Departmental Annual Calendar
15/07/2022	IQAC Workshop on NEP-2020
16/07/2022	Starting of Academic session
16/07/2022	Entry Level Test for identification of slow and fast learner
19/07/2022	Commencement to start Bridge course
20/07/2022	Orientation/Refresher Programme for First Year Students
Third Week	Unnat Bharat Abhiyan in Adopted Villages
Last Week	Meeting of College Development Committee
<i>August</i>	
02/08/2022	IQAC Meeting
03/08/2022	Workshop on Daily E-Diary
04/08/2022	Workshop on API
05/08/2022	Workshop on ICT in Teaching and Learning
06/08/2022	Rakhi Making Competition meant for Soldiers and Sending Rakhi to Soldiers by NCC girl unit
10/08/2022	Student Council Election
11/08/2022	Anti-ragging Awareness Programme by Cell Against Ragging, Sexual Harassment and Gender Bias
15/08/2022	Celebration of Independence Day
16/08/2022	Parsi New Year
26/08/2022	First Unit Test- First Year
27/08/2022	First Unit Test- Second Year
28/08/2022	First Unit Test- Third Year
29/08/2022	Celebration of National Sport Day
31/08/2022	Last Date of Admission

31/08/2022	Ganesh Chaturthi
September-2022	
i)12/09/2022 for admission up to 31/08/2022	Last Date of submission of Enrollment form to the University*
22/09/2022	First Unit Test- First Year
23/09/2022	First Unit Test- Second Year
24/09/2022	First Unit Test- Third Year
25/09/2022	PET Examination 2022
26/09/2022 To 29/09/2022	Department-wise Education Tours, Industrial Visit etc.
30/09/2022	Last Date of Admission with prior permission of Vice Chancellor
October 2022	
Entire Month	Co-curricular Activities by various departments
First Week	Eklavya Dnyanvardhini Samanya Dnyan Pariksha by Competitive Exam Cell
First Week	Counseling for Slow Learners
3 rd to 9 th October	Wild Life Week by Department of Zoology
i)10/10/2022 for the students admitted between 01/09/2022 to 30/09/2022	
iii)For Centralized admission last date of enrollment shall be 10 days from the last date of admissions, as notified by competent authority.	Last Date of submission of Enrollment form to the University*
Second Week	Workshop on Personality Development by Training, Placement, Career Guidance & Counseling Cell
15 th October	“Wachan Prerna Din” by Library on the occasion of birth anniversary of Dr. A.P.J. Abdul Kalam
15/10/2022	Last Date of Receipt of Exam forms (Regular, Old Ex. and External Students) *
16/10/2022	First Unit Test- First Year
17/10/2022	First Unit Test- Second Year
18/10/2022	First Unit Test- Third Year
20/10/2022 to 19/11/2022	University declared Diwali Vacation *
November 2022	
21/11/2022	IQAC Meeting
25/11/2022	Practical Examination
Third and Fourth Week	Internal Assessment (Seminars, Oral Presentations, Assignment submission) & Test Practical Exam

Last week	Meeting College Development Committee
December 2022	
Wednesday 1 st 07/12/2022	World AIDS Day Armed Forces Flag Day Celebration by NCC
Second Week 10/12/2022	National Conference to be organized by Department of Geography Commencement of Winter Examinations *
15/12/2022	Training course organized by Competitive Examination Cell
25/12/2022	Christmas
Last Week	One Week NSS Camp to be held
Last Week	Meeting of College Development Committee
January 2023	
21/01/2023	Starting of Even Semester
First Week	Awareness Programme in adopted village by Population Education Club
First Week	NSS Camp at Adopted Village
01/01/2023 to 15/01/2023	Fortnight Programme of Marathi Language by Department of English
11/01/2023 to 17/01/2023	Road Safety Week
First or Second Week	Sports & Cultural Week
Second week	Hockey Coaching Camp
14/01/2023 to 16/01/2023	Celebration of "Geography Day"
22/01/2023	"Beti Bachao Beti Padhao" event by NSS
25/01/2023	National Election Day
25/01/2023	National Voters Day
26/01/2023	Republic Day
27/01/2023	Blood Donation Camp in collaboration with Government Hospital
First or Second Week	Guest Lecture on Preparation of Competitive Examination
Last Week	First Unit Test
Last Week	College Day and Prize Distribution
Last week	Academic Excellence Award
February 2023	
Entire Month	Co-curricular Activities
First Week	Physical Fitness and Medical Test by Department of Physical Education
First Week	Counseling and Remedial Classes for Slow Learners
First or Second Week	Guest Lecture on Preparation of Competitive Examination
19/02/2023	Chhatrapati Shivaji Maharaj Jayanti
18/02/2023	Mahashivaratri
Last Week	Meeting of College Development Committee
25/02/2023	Second Unit Test- First Year

26/02/2023	Second Unit Test- Second Year
27/02/2023	Second Unit Test- Third Year
28/02/2023	Celebration of National Science Day
March 2022	
08/03/2023	International Women Day
08/03/2023	Holi
Third Week	Placement Drive by Training, Placement, Career Guidance & Counseling Cell
Last Week	Counseling for Fast Learners
Third and Fourth Week	Internal Assessment (Seminars, Oral Presentations, Assignment submission) & Test Practical Exam
Last Week	Concluding Programme of Department wise Associations
Last Week	Submission of reports of students participants in Intercollegiate and University Level Tournaments
29/03/2023	Third Unit Test- First Year
30/03/2023	Third Unit Test- Second Year
31/03/2023	Third Unit Test- Third Year
April 2022	
First Week	Counseling and Remedial Classes for Slow Learners
04/04/2023	Last Date of Receipt of Exam forms (Regular, Old Ex. and External Students) *
Second Week	IQAC Meeting
Last week	Internal Assessment
May 2022	
01/03/2023	Fourth Unit Test- First Year
02/03/2023	Fourth Test- Second Year
03/03/2023	Fourth Test- Third Year
05/04/2022	Practical Examination
20/05/2022	Commencement of Summer examination
	Summer Vacation
01/06 /2023 to 30/06/2023	University declared Summer Vacation *

Please note:

- 1) * means as per Gondwana University Academic Calendar 2022-23 on dated 28/07/2022.
- 2) Learning License camp to be held on first Saturday of every month in collaboration with RTO, Chandrapur.
- 3) Schedule may change due to any unavoidable circumstances.



Principal

N. H. College Bramhapuri

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur

N.H.College Bramahapuri

DEPARTMENT OF ZOOLOGY

ANNUAL ACADEMIC CALENDER OF THE DEPARTMENT (UG/PG) –

(2022-2023)

S.No.	NAME OF THE ACTIVITY	DATE, TIME & VENUE	TEACHER INCHARGE
1	B.Sc. (SEM- I) Assignments/Unit Test	Second week of August 2022	D. G. Atla
2	B.Sc. (SEM- III) Assignments/Unit Test	Second week of August 2022	J. W. Hajare
3	B.Sc. (SEM- V) Assignments/Unit Test	Second week of August 2022	J. W. Hajare / D. G. Atla
4	Zoology Association Inauguration	Second week of August 2022	J. W. Hajare
5	M.Sc. (SEM- I) Assignments/Unit Test	First week of September 2022	Neera Singh
6	M.Sc. (SEM- III) Assignments/Unit Test	First week of September 2022	S.M. Bhoyar
7	M.Sc. Seminar	Last Week of September 2022	J.W. Hajare
8	Wild Life Week 2022	First Week of October 2022	J. W. Hajare / D. G. Atla
9	B.Sc. (Sem I, III, V) Seminar, Assignment & II Unit Test	Second week of October 2022	J. W. Hajare / D. G. Atla
10	Practical Exam	Last Week of November 2022	J. W. Hajare/ D. G. Atla
11	B.Sc. (SEM- II) Assignments/Unit Test	Last Week Of February 2023	D. G. Atla
12	B.Sc. (SEM- IV) Assignments/Unit Test	Last Week Of February 2023	J. W. Hajare
13	B.Sc. (SEM- VI) Assignments/Unit Test	Last Week Of February 2023	J. W. Hajare / D. G. Atla
14	Science Day Programme	Last Week Of February 2023	J. W. Hajare / D. G. Atla
15	M.Sc. (SEM- II) Assignments/Unit Test	First week of March 2023	N.H. Singh/ A.A. Borkar
16	M.Sc. (SEM- IV) Assignments/Unit Test	First week of March 2023	S.M. Bhoyar

17	M.Sc. Seminar	First Week of April 2023	J.W. Hajare
18	Practical Exam	First Week of May 2023	J. W. Hajare / D. G. Atla
19	Tour (SEM-I)	First week of Septmber2022	D. G. Atla
20	Tour (SEM-III)	First week of Septmber2022	J. W. Hajare
21	Tour (SEM-V)	First week of Septmber2022	J. W. Hajare
22	Tour (SEM-II)	First week of March 2023	J. W. Hajare / D. G. Atla
23	Tour (SEM-IV)		
24	Tour (SEM-VI)		

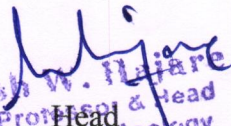
TERMS AND VACATION:

First Term (Odd Semester)	10/12/2022 to 12//01/2023
Winter Vacation	20/10/2022 to 19/11/2022
Second Term (Even Semester)	12/01/2023 to 15/05/2023
Summer Vacation	15/05/2023 to 15/06/2023

EXAMINATION (Tentative dates as per University):

Winter Semester Examination commence from	10/12/2022
Summer Semester Examination commence from	10/05/2023



PRINCIPAL
 Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
 Asst. Professor & Head
 Department of Zoology
 N. H. College, Bramhapuri

Nevjabai Hitkarini, College, Bramhapuri
Annual Calendar of the Department of History
Session: 2022-23

Sr. No.	Name of the Activity	Date, Time & Venue		Name of the teacher Incharge
1	Departmental Meeting	16 July 2022		Dr. M. R. Kapgate
2	Teaching As per work Allotted UG & PG	As per Time-Table UG & PG		Dr. M. R. Kapgate
3	Assessment of Student: As per Session and instructed in syllabi.	B.A.Sem I, III, V	B.A. Sem II, IV, VI	Dr. M. R. Kapgate
	Test Exam.	Sept. 2022	Feb 2023	
	Assignments	Oct. 2022	March 2023	
	Seminar	Oct.2022	March 2023	
	Group discussion	Sept.2022	Feb 2023	
4	Constituted & Inauguration of History Subject Association	August 2022		Dr. M. R. Kapgate
5	Fresher's day Programme B. A. I Students	August 2022		Dr. M. R. Kapgate
6	Departmental Activities (Essay, Debate Competition, Quiz Quintets etc.)	Sept. 2022 to January 2023		Dr. M. R. Kapgate
7	Invitee Guest Lecturers & Prize Distribution Programme	February 2023		Dr. M. R. Kapgate
8	Farewell Programme	May 2023		Dr. M. R. Kapgate


Principa
Nevjabai Hitkarini Collg
Bramhapuri-441201.



Head
 Department of History
 N.H.College, Bramhapui
Dr. Mohan R. Kapgate
 Assistant Professor & Head
 Department of History
 N. H. College, Bramhapuri

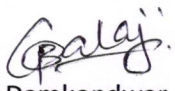
N H College , Bramhapuri

Department of Sociology

Annual Calendar 2022-23

sr no.	Name of the Activity	Tentative Date/Month	Name of Teacher Incharge
1	Departmental Meeting	Jul-22	Balaji G. Damkondwar
2	Teaching As per workload Allotted	As per Timetable	All Teachers of UG & PG
3	Internal evaluation		All Teachers of UG & PG
	Unit Test I	Sep-22	
	Unit Test II	Mar-23	
	Assignments	Oct 22 & Apr 22	
	Seminars	Oct 22 & Apr 22	
4	Extention Activities	Aug 22 - Apr 23	All Teachers of UG & PG
5	Cocurricular activities	Aug 22 - Apr 23	All Teachers of UG & PG
6	Guidance on Paper Pattern And Examination	Oct 22 & Apr 23	All Teachers of UG & PG


Principal
Newjabal Hikalal College
Bramhapuri-441201


Balaji G Damkondwar
Head, Department of Sociology


1.1.1. Commerce

Nevjabai Hitkarini College, Bramhapuri
Department of Commerce & Management
Annual Calendar of the Department 2022-23

Sr. No.	Name of the Activity	Date, Time and Venue	Name of the Teacher Incharge
1	Meeting of Staff	18/07/2022 11.30 Department of Commerce	Dr. R. B. Meshram
2	Admission Counseling for Students of Commerce	18/07/2022 to 31/08/2022	Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar
3	Commerce Day Celebration	07/08/2022 Room No. G1	Dr. R. B. Meshram
4	Tree Plantation Programme	17/08/2022 Behind PG Building	Dr. T. K. Gedam Dr. B. L. Lengure
5	First Unit Test	1 st Week of August 2022	Dr. R. B. Meshram Dr. T. K. Gedam Dr. B. L. Lengure Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar A. S. Meshram
6	Counseling on Add-on Course of IT	August 2022	Dr. T.K. Gedam
7	Seminar for P.G. Classes	4 th Week of September 2022	Dr. R. B. Meshram Dr. T. K. Gedam Dr. B. L. Lengure Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar A. S. Meshram
8	Meeting of Staff	29 Novs 2022	Dr. R. B. Meshram
9	Second Unit Test	1 st Week of March 2023	Dr. R. B. Meshram Dr. T. K. Gedam Dr. B. L. Lengure Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar Prof. A. S. Meshram
10	Seminar for P.G. Classes	1 st Week of April 2023	Dr. R. B. Meshram Dr. T. K. Gedam Dr. B. L. Lengure Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar A. S. Meshram
11	Farewell Programme for U.G. Students	Last Week of April 2023	Dr. R. B. Meshram
12	Concluding Programme of Study Association	Last Week of April 2023	Dr. R. B. Meshram
13	Farewell Programme for P.G. Students	First Week of May 2023	Dr. R. B. Meshram



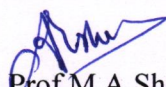
Principal
Nevjabai Hitkarini College
Bramhapuri-441205



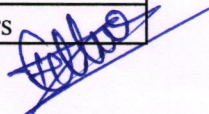
HOD
Dept. of Commerce

Nevjabai Hitkarini College
Department of English
Annual Calendar
(2022-23)

Sr. No.	Name of the Activity	Date, Time and Venue	Name of the Teacher In charge
1	Bridge Course for English Literature	First Week of July 2022	Dr.S.G.Choudhari, Dr.M.A.Sheikh
2	Teacher-student Exchange	Second Week of August 2022	All teachers
3	Inaugural Ceremony of English Literary Association	Second Week of August 2022	Dr.Dr.M.A.Sheikh
4	Elocution	Fourth Week of August 2022	Dr.Y.N.Meshram Dr.Dr.S.G.Choudhari, Dr.M.A.Pathade,
5	Essay Competition	First Week of September 2022	Dr.Y.N.Meshram Dr.Dr.S.G.Choudhari, Dr.M.A.Pathade,
6	Internal Assessment (Seminars, orals, assignments) submission	Third and Fourth week of September 2022	All teachers
7	Debate	Second Week of February 2020	Dr.S.G.Choudhari, M.A.Pathade, Dr.M.A.Sheikh
8	Life Skill Courses on Spoken English & Communication Skills	Last week of December 2022.	Dr.S.G.Choudhari, M.A.Pathade,
9	Quiz Contest	Second Week of January 2022	M.A.Pathade
10	Unit Test (two tests mandatory every year)	After the completion of syllabus units by the teachers in a year	All teachers
11	Internal Assessment (Seminars, orals, assignments) submission	Last Week of March & first week of April 2022	Dr.M.A.Sheikh
12	Certificate Course in Functional English	60 hrs course in January 2020	All teachers
13	Open Day Practice	Third and Fourth week of September or that of March every year	All teachers
14	Personal Counseling	Throughout the year	All teachers



Prof.M.A.Sheikh
Head
Department of English




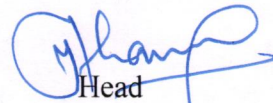
Dr.D.H.Gahane

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

N. H. College, Bramhapuri
 Department Of Chemistry
 Academic Calendar Of The Department
 Session- 2022-23

Sr. No.	Month	Nature Of Activity
First Term		
1	June-22	Time-Table and Workload Distribution among staff members. Stock verification by non-teaching staff.
2	July-22 (First Week)	Class wise and at college level Orientation of New students
3	July -22 (second Week)	Bridge Course
4	July -22 (Last week)	Class wise Allotment of Home Assignment Topic.
5	August-22 (1 st week)	Unit Test -I
6	September-22 (1 st week)	Unit Test -II
7	20-oct-22 - 19 Nov. 22	Winter Vacation
8	November-22 (4 st week)	University Practical Examination.
9	10 th December-22	University Theory Examination start.
Second Term		
10	January first week	Commencement of Certificate course in Soil Analysis
11	January -23 (Last week)	Class wise Allotment of Home Assignment Topic.
12	January -23 (last week)	Unit Test -I
13	February -23 (2 nd week)	Remedial Class-I
14	February -23 (Last week)	Organization of National Science Day
15	March-23 (2 nd week)	Unit Test -II
16	April -23 (last week)	Remedial Class-II
17	10 th May 2023	University Practical Examination.
18	20 th May 2023	University Theory Examination start.
19	15 th May 2023	Summer Vacation.


Principal
 N. H. College, Bramhapuri
 Distt. Chandrapur-4412. 5


 Head
 Department of Chemistry
 N. H. College, Bramhapuri
 Department of Chemistry
 N. H. College, Bramhapuri

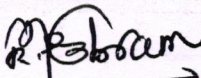
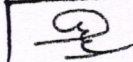

10/10/22

NEVJABAI HITKARINI COLLEGE, BRAMHAPURI
DISTT: - CHANDRAPUR
DEPARTMENT OF PHYSICS
Academic Session: 2022-23

First Term (Odd Semester): 16/07/2022 to 20/01/2023
Second Term (Even Semester): 21/01/2023 to 31/05/2023


Minutes of the Departmental meeting

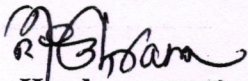
1. Name of the Department : **PHYSICS**
2. Date of meeting : 17/07/2022
3. Time of the meeting : 11:30 am to 12:30 pm
4. Teachers present

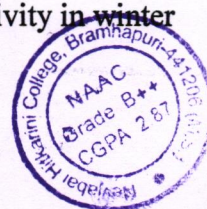
Name	Signature
Dr. R.S. Meshram	
Prof. D.M.Parshuramkar	
Dr. A.N.Yerpude	

The following Items are considered and Decisions are taken

- a. Calculation of workload
Workload was calculated as per the Gondwana University Syllabus.
- b. Workload distribution
Workload was distributed among the teachers.
- c. Analysis of University Examination Results
Analysis of University Examination Results are mentioned in the departmental Register
- d. Preparation of Teaching Plan (Teacher-wise)
The teaching plan of every teacher was prepared. (Given in the individual diaries)
- e. Academic Place Visit/Student Support Activity
Decided to arrange an Academic place Visit/Student Support Activity in winter vacation


Off. Principal
Nevjabai Hitkarini College,
Bramhapuri, Distt. Chandrapur


Head
Dept. Of Physics
Department of Physics
Nevjabai Hitkarini College
Bramhapuri - 441206



Nevjabai Hitkarini College, Bramhapuri
Dist- Chandrapur
Department of Sociology

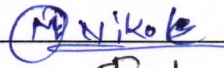
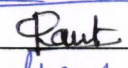
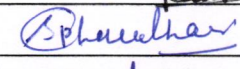
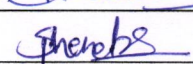
Notice

Date 12/7/2022


A meeting of all teachers of the department will be held on 15/07/2022
All teachers are requested to attend the meeting in the department of Sociology
at 11.00 am to discuss the following agenda for the year 2022-23.

Agenda

1. To prepare Annual calendar for the academic year 2022-23.
2. To discuss on Time table and distribution of workload.
3. To prepare and discuss about result of previous year.
4. To discuss about participation of students in various academic activities.

Sr No	Name of Teacher	Signature
01	Miss. Manisha M. Nikole	
02	Mr Dinesh S. Raut	
03	Miss. Sapna P Chaudhari	
04	Miss. Sonal P Shendre	


Principal
Nevjabai Hitkarini College
Bramhapuri-441205


Balaji G Damkondwar
Head, Dept of Sociology

Nevjabai Hitkarini College, Bramhapuri
Dist- Chandrapur
Department of Sociology
Minutes of the Meeting

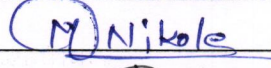
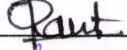
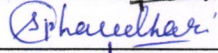
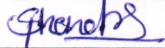
The departmental meeting was held on 15/07/2022 at 11.00 am in the department of sociology under the chairmanship of Balaji G Damkondwar Head, Department of Sociology on the following agenda.

Agenda


1. To prepare Annual calendar for the academic year 2022-23.
2. To discuss on Time table, syllabus and distribution of workload.
3. To prepare and discuss about result of previous year.
4. To discuss about participation of students in various academic activities.

Minutes of the Meeting

1. Discussed on various activities and prepared annual calendar.
2. Discussed on time table and syllabus. The workload of U G allotted to Balaji G Damkondwar and the Workload of P G distributed among Balaji G Damkondwar, Manisha M Nikule, Dinesh S Raut, Sapna P Chaudhari, Sonal P Shendre.
3. Prepared the previous year result and discussed on it.
4. Discussed and decided to motivate the students to participate in various academic activities.

Sr No	Name of Teacher	Signature
01	Miss. Manisha M. Nikole	
02	Mr Dinesh S. Raut	
03	Miss. Sapna P Chaudhari	
04	Miss. Sonal P Shendre	


Principal
Nevjabai Hitkarini College
Bramhapuri-441202


Balaji G Damkondwar
Head, Department of Sociology

NEVJABAI HITKARINI COLLEGE BRAMHAPURI

DIST.:- CHANDRAPUR

Department of Computer Science

First Term (Odd Semester)	01/07/2022 to 20/01/2023 (Including all Saturday and Sunday and all holidays also)
Second Term (Even Semester)	21/01/2023 to 31/05/2023

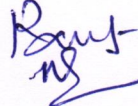
Minutes of the Departmental meeting

1. Name of the Department : Computer Science
2. Date of meeting : 09/07/2022
3. Time of the meeting : 10:00 am to 11:00 am
4. Teachers present

Name

Signature

Shri R. D. Wakodikar



Shri A. V. Bokare



Shri. V. S. Bodkhe

5. Items considered and Decisions :

a. Calculation of workload

Workload was calculated as per the Nagpur University Syllabus. (Annexure -A)

b. Workload distribution

Workload was distributed among the teachers. (Annexure -C)

c. Analysis of University Examination Results


Analysis of University Examination Results is given departmental Register

d. Preparation of Teaching Plan (Teacher wise)


The teaching plan teacher wise was prepared. (Given in the individual diaries)

e. Educational Tour

Decided to arrange educational tour in winter vacation.



Principal
Nevjabai Hitkarini College
Bramhapuri-441201



Head
Dept. of Comp. Science
Head
Dept. of Computer Sci.
M. H. College, Bramhapuri
Dist. Chandrapur

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Nevjabai Hitkarini College, Bramhapuri
Post Graduate Department of Commerce & Management

Bramhapuri


Date:- 17/07/2022


Notice

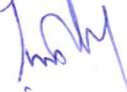
All the faculty members of department of commerce are informed you that departmental annual meeting will be held on 18 July 2022 at 11.30 a.m. at the department of commerce. Please be attend the same on said time.


Head

Department Commerce

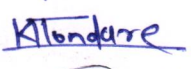
1- Dr. T. K. Gedam 

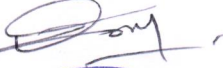
2- Dr. B. L. Lengure 

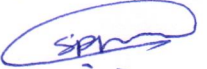
3- Prof. A. S. Meshram 

4- Dr. A. V. Khajgiwale 

5- Dr. V. V. Nagbhidkar 

6- Prof. K. T. Tondare 

7- Prof. R. D. Meshram 

8- Prof. S. P. Pardhi 



Principa
Nevjabai Hitkarini Colle
Bramhapuri-44120

Nevjabai Hitkarini College, Bramhapuri
Post Graduate Department of Commerce

Date: 18/07/2022

Minutes of the Meeting

Date of Annual meeting - 18th July 2022

Time - 11.30 am

Venue – Department of commerce

Name of Members Present in the Annual Meeting – Dr. R. B. Meshram, Dr. T. K. Gedam,
Dr. B. L. Lengure, Prof. A.S. Meshram,
Dr. A. V. Khajgiwale, Dr. V. V. Nagbhidkar
Prof. K.T. Tondre, Prof. R. D. Meshram,
Prof. S. P. pardhi

Agenda

- 1- To prepare Time Table
- 2- To allotment of syllabus
- 3- Discussion and distribution about workload
- 4- To prepare teaching plan
- 5- Tentative time table of unit test
- 6- Discussion about other subject

Discussion/Decisions/Resolutions

- Time table approved by with the consent of all the faculties
- Syllabus distributed among the all faculties.
- Workload allotted among the concern faculties.
- The format of teaching plan provide the all faculty members.
- Discussion about tentative time table of unit test and finalize the unit test date.
- Discussion about the assignment programme.
- Discussion about commerce association programme.

Signing Authority

1- H. O. D. Dr. R. B. Meshram

2- Dr. T. K. Gedam

3- Dr. B. L. Lengure

4- Prof. A. S. Meshram

5- Dr. A. V. Khajgiwale

6- Dr. V. V. Nagbhidkar

7- Prof. K. T. Tondre

8- Prof. R. D. Meshram

9- Prof. S. P. Pardhi


Principal
Nevjabai Hitkarini College
Bramhapuri-44120

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

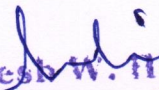
CLASS : B.Sc. I (SEM I CBCS)

PAPER I: Life And Diversity of Animals (Protozoa to Annelida)

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I: Phylum - Protozoa & Porifera	12	General characters and classification up to classes; Locomotory Organelles and locomotion in Protozoa. Nutrition and Reproduction in Paramecium	7	July To August 2022
		General characters and classification up to classes; Structure, Histology of body wall and Canal System in Sycon	5	
UNIT-II: Phylum-Cnidaria	12	Structure and life cycle of Obelia General characters and classification	2	August To September 2022
		Polymorphism in Hydrozoa, Alternation of generation,	3	
		Locomotion and Nutrition in Hydra,	3	
		Nematocyst	2	
		Coral reef.	2	
UNIT-III: Phylum-Platyhelminthes & Phylum-Nemathelminthes	12	General characters and classification up to classes; Structure and Life history of Taeniasolium	6	Sep-22
		General characters and classification up to classes; Structure and Life history of Ascarislumbricoides and its parasitic adaptations.	6	
UNIT-IV: Phylum-Annelida	12	General characters and classification up to classes.	2	Oct-22
		Hirudinaria: External morphology, Digestive, excretory, Nervous system, Reproductive system, Copulation	7	
		Fertilization and Cocoon formation	3	


PRINCIPAL
 Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Mjare
 Asst. Professor & Head
 Department of Zoology
 College, Bramhapuri
 Department of Zoology

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. I SEM I (CBCS)


PAPER II: Cell Biology

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I	12	Cell theory- Protoplasmic theory, Organismal theory, Prokaryotic and Eukaryotic cell,	5	July To August 2022
		Biological membrane-Chemical composition, Sandwich model and Fluid Mosaic Model, Osmosis, Passive and Active transport (Sodium Potassium ion pump), Exocytosis, Endocytosis (Pinocytosis & Phagocytosis)	7	
UNIT-II	12	Nucleus- Occurrence, Position and Morphology, Ultrastructure, Composition and functions of Nuclear membrane, Nuclear pore complex.	4	August To September 2022
		Nucleolus-Structure and Functions	3	
		Chromosome-Structure and types, Nucleosome model	3	
		Giant Chromosome- Lampbrush and Polytene Chromosome	2	
UNIT-III	12	Mitochondria- Ultrastructure, Electron transport mechanism and Oxidative Phosphorylation.	5	Sep-22
		Endoplasmic reticulum-Structure, Type and Function	4	
		Golgi Complex-Structure and Function	3	
UNIT-IV	12	Lysosome-Structure, Function and Polymorphism	3	Oct-22
		Ribosome-Structure (Lake's Model), types, Biogenesis of ribosome, Function and Polyribosome	5	
		Cell cycle, Mitosis, Meiosis, Significance	4	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. I SEM II

PAPER –I: Life and Diversity of Non Chordata (Arthropoda to Protochordata)

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT -I: Phylum- Arthropoda	12	Arthropoda – General characters and classification upto Classes	5	January to Feb. 2023
		Periplaneta - External morphology, Digestive system, Reproductive system, Nervous System, sense organs	7	
UNIT -II Phylum- Mollusca	12	Mollusca – General characters and classification upto Classes	5	Feb. to March. 2023
		Pila – External morphology, Digestive system, Nervous system, Respiratory system, Reproductive system and Fertilization	5	
		Pearl formation	2	
UNIT - III: Phylum Echinodermata	12	Echinodermata – General characters and classification upto Classes	2	March. 2023
		Regeneration & autonomy in Echinodermata	3	
		Asterias – External Morphology, Endoskeleton, Digestive system, Water vascular system, Bipinnaria and Brachiolaria larva.	4	
		Regeneration and Autotomy in Echinoderm	3	
UNIT IV: Phylum Hemichordata	12	General characters and classification up to classes	3	April. 2023
		Balanoglossus -External Morphology, Coelom, Digestive system, Nervous system, Sense organs, Reproductive system	5	
		Tornaria larva	2	
		Affinities of Balanoglossus	2	

PRINCIPAL

Nejrabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206

Jayesh W. Hajare
Assy. Professor & Head
Department of Zoology
N. H. College, Bramhapuri
Department of Zoology

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. I SEM II

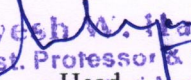
Paper-II: GENETICS AND EVOLUTION

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I Introduction to Genetics	12	Mendelian Genetics - Mendel's work on transmission of traits, Laws of Genetics	4	January to Feb. 2023
		Interaction of genes - Incomplete dominance and Codominance, Multiple alleles, Lethal alleles, Epistasis, Sex linked inheritance, extra-chromosomal inheritance (Kappa particles)	8	
UNIT-II Linkage, Crossing Over, Syndrome and Mutation	12	Linkage and crossing over	2	Feb. to March 2023
		Down's Syndrome, Klinefelter's Syndrome,	2	
		Turner's Syndrome	1	
		Chromosomal Mutations - Deletion, Duplication, Inversion, Insertion, Translocation, Aneuploidy and Polyploidy	4	
		Gene mutations- Induced and Spontaneous mutations,	3	
UNIT-III History of Life	12	Major Events in History of Life - Urey-Miller Experiment, Oparin theory	3	March. 2023
		Introduction to Evolutionary Theories - Lamarckism, Darwinism, Neo-Darwinism	3	
		Direct Evidences of Evolution - Types of fossils, Incompleteness of fossil record, Dating of fossils,	3	
		Evolution of horse	3	
UNIT-IV Processes of Evolutionary Change	12	Isolating Mechanisms; Natural selection (Example: Industrial melanism)	2	April. 2023
		Types of natural selection (Directional, Stabilizing, Disruptive), Artificial selection	2	
		Species Concept - Biological species concept (Advantages and Limitations)	2	
		Modes of speciation (Allopatric, Sympatric and peripatric)	2	
		Macro-evolution - Macro-evolutionary Principles (example: Darwin's Finches)	2	
		Extinction - Mass extinction -Causes, and Role of extinction in evolution	2	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri
Department of Zoology

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. II (SEM III CBCS)

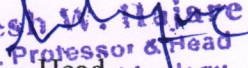
Paper-I: Life and Diversity of Animals - Chordates

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT -I:	12	1. Urochordata- General characters, Ascidian tadpole and retrogressive metamorphosis	3	July To August 2022
		2. Cephalochordata- General characters, Amphioxus - External morphology and digestive system.	2	
		3. Cyclostomata- General characters, external morphology of Petromyzon and Myxine.	2	
		4. Pisces- General characters and Classification up to order; Osmoregulation in Fishes, Accessory respiratory organs.	5	
UNIT -II:	12	1. Amphibia – General characters and Classification up to order, Parental care and Neoteny.	4	August. 2022
		2. Reptilia- General characters and Classification based on temporal vacuities.	3	
		Snake venom, Poison apparatus & Biting mechanism	3	
		Poisonous and non poisonous snake	2	
UNIT -III:	12	1. Aves – General characters and classification up to order.	3	Sept. 2022
		Flight adaptations (Morphological, Anatomical and Physiological)	1	
		Flight adaptations (Morphological, Anatomical and Physiological)	4	
		Birds migration and its significance	3	
		2. Mammals – General characters and classification up to order. Prototheria, Metatheria and Eutheria	1	
UNIT -IV:	12	1. Comparative account of derivatives of integuments (Scale and horn).	3	Oct.2022
		2. Comparative account of aortic arches and heart.	3	
		3. Types of receptors (General cutaneous receptors and chemoreceptor).	3	
		4. Comparative account of Urinogenital system.	3	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. (II SEM III)

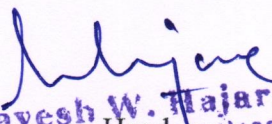
Paper-II: Physiology and Biochemistry-I

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I:	12	1. Carbohydrates- Glycolysis, gluconeogenesis, glycogen metabolism	5	July To August 2022
		2. Protein- Transamination , deamination and urea cycle	4	
		3. Lipid- Biosynthesis of triglycerides	3	
UNIT-II:	12	General properties of enzymes	6	August. 2022
		Classification of enzymes	3	
		Enzymes –Distribution and chemical nature of enzymes	3	
UNIT -III:	12	1. Structure and functions of digestive glands - (Salivary, Gastric, Intestinal, Liver and Pancreas)	4	Sept.2022
		2. Gastro-intestinal hormones	2	
		3. Digestion and absorption of proteins, carbohydrates and lipids.	2	
		Vitamins -sources - types , Deficiency and Diseases	4	
UNIT - IV:	12	Mechanism of Respiration,	4	Oct.2022
		transport of O ₂ and CO ₂ ,Respiratory Pigments,	4	
		Respiratory disorders, effect of smoking	4	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. II (SEM IV)

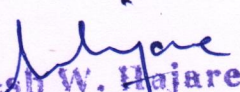
Paper I: Developmental Biology

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I	12	Types of eggs- classified on the basis of amount and distribution of yolk. Chemical composition of yolk. Mechanism and significance of Fertilization	3	January to Feb . 2023
		Fertilization - Mechanism and significance.	4	
		Cleavage- Types of cleavages	3	
		Blastulation- Definition and types of blastulation	2	
UNIT-II:	12	Morphogenetic movement in frog development	4	Feb to March .2023
		Development of Chick	4	
		Development of Extra-embryonic membrane in Chick	4	
UNIT-III	12	Gametogenesis- (Oogenesis and Spermatogenesis).	4	March. 2023
		Structure of Sperm and Ovum.	3	
		Implantation- Definition and types	2	
		Placentation- Definition, Types (Based on the Morphological and histological structures). Functions of placenta.	3	
UNIT-IV:	12	Apoptosis- Mechanism and significance	2	April 2023.2022
		Stem Cells- Totipotancy, Sources, Types and their use in human welfare.	3	
		In Vitro Fertilization (Test tube Baby)- Technique advantages and disadvantages	4	
		Semen Bank, Artificial Inseminations and Contraceptives	3	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

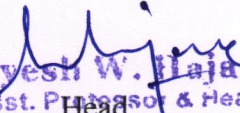
CLASS : B.Sc. II (SEM IV)

Paper-2: Physiology and Biochemistry II

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I:	12	1. Structure of uriniferous tubule	3	January to Feb. 2023
		2. Mechanism of urine formation	3	
		3. Counter – current mechanism	3	
		4. Normal and abnormal constituents of urine; Elementary idea of dialysis	3	
UNIT-II:	12	1. Structure and functions of pituitary gland	3	Feb to March. 2023
		2. Structure and functions of thyroid and adrenal gland	3	
		3. Oestrous and Menstrual cycle.	3	
		4. Male and female sex hormone	3	
UNIT-III:	12	1. Types of neurons, E.M. structure of neuron	2	March.2023
		2. Conduction of nerve impulse	2	
		3. Ultrastructure of striated muscle, Sliding filament theory of muscle contraction	4	
		Properties of muscles (Twitch, Tetanus, Tonus, Summation, All or None Principle, Muscle fatigue	4	
UNIT-IV:	12	1. Composition and functions of blood	4	April.2023
		2. Blood clotting – Intrinsic and extrinsic factors, blood groups and Rh factor	2	
		3. Cardiac cycle	3	
		4. ECG and Blood Pressure	3	


PRINCIPAL
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. III (SEM V CBCS)

Paper-I: Applied Zoology

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT-I:	12	1. Type of Fisheries in brief: fresh water, Brackish Water and Marine	2	July to August 2022
		2. Pre and Post stocking management: Fertilization, caring capacity, artificial feeding,	3	
		3. Mono and Poly culture, Fish preservation.	3	
		4. Fish Diseases: Bacterial, fungal, protozoan and arthropods	4	
UNIT-II:	12	1. Life history and pathogenicity of Ancylostoma duodenale and Wuchereri abancrofti	3	August to September 2022
		2. Biology, Control and damage caused by Helicoverpaarmigera, Pyrrillaperpusilla and Papilio demoleus, Callosobruchuschinensis, Sitophilusoryzae and Tribolium castaneum	4	
		3. Medical importance and control of Pediculus humanuscorporis, Anopheles, Culex, Aedes and Xenopsylla cheopis	3	
		4. Economic importance of Agricultural pest	2	
UNIT-III:	12	1. Classification of Fowls based on their use – Broilers and Commercial layers.	3	Sep-22
		2. Principles of poultry breeding, Management of breeding stock and broilers, Processing and preservation of eggs.	3	
		3. Poultry diseases - Viral, Bacterial, Fungal, Protozoan and	3	
		4. Management of a modern Poultry Farm, progressive	3	
Unit-IV-	12	1. Introduction, Dairy farm and its management.	3	Oct. Nov. 2022
		2. Preservation of semen and artificial insemination in	3	
		3. Induction of early puberty and synchronization of estrus in cattle, Cattle diseases - Viral, Bacterial, Fungal, Protozoan and Preventions.	3	
		4. Management of a modern Dairy Farm, progressive plans to promote Dairy Farming as a Self Employment venture.	3	


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Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

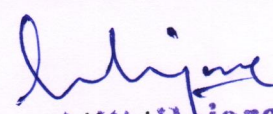
CLASS : B.Sc. III (SEM V CBCS)

Paper-II: Aquatic Biology

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT – I	12	1. Brief introduction of the aquatic biomes	3	July to August 2022
		2. Freshwater ecosystem (lakes, streams and rivers),	3	
		3. Estuaries, intertidal zones,	3	
		4. Oceanic pelagic zone and benthic zone.	3	
UNIT – II	12	1. Lakes: Origin and classification, Ecosystem and Morphometry	3	August to September 2022
		2. Physico–chemical Characteristics: Light, Temperature, Turbidity, Dissolved Solids, Carbonate, Bicarbonates, Phosphates and Nitrates, Dissolved gases (Oxygen, Free Carbon dioxide).	3	
		3. Nutrient Cycles in Lakes-Nitrogen, Sulphur and Phosphorous	3	
		4. Study of Zooplankton -Rotifers, Cladocera, Copepoda and Ostracoda	3	
UNIT – III:	12	1. Marine Ecosystem, Salinity and density of Sea water, Continental shelf.	3	Sept. 2022
		2. Adaptations of deep sea organisms.	3	
		3. Coral reefs, Sea weeds.	3	
		4. Nutrient Cycles in Sea/ Ocean -Nitrogen, Sulphur and Phosphorous.	3	
UNIT – IV:	12	1. Aquatic pollution - Causes of pollution: Agricultural, Industrial, Sewage, Thermal and Oil spills.	4	Oct. Nov. 2022
		2. Eutrophication , Management and conservation.	3	
		3. Water pollution acts of India.	2	
		4. Sewage treatment and water quality assessment - BOD and COD.	3	


PRINCIPAL
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Head
Jayesh H. Hajare
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

CLASS : B.Sc. III SEM VI (CBCS)

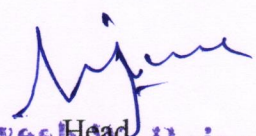
PAPER-I: IMMUNOLOGY

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT - I:	12	1. A historical Perspective of Immunology	2	January to February.2023
		2. Introduction to basic concepts in immunology, Primary and secondary line of defense	3	
		3. Innate Immunity- Anatomical barriers to infection, Macrophages, Natural Killer (NK) Cells, Inflammatory response	4	
		4. Adaptive immunity- Cell Mediated Immunity and Humoral Immunity	3	
UNIT - II:	12	1. Haematopoeisis – Lymphoid and Myloid lineage	3	Feb. to March .2023
		2. Primary lymphoid organs - Bone marrow, Thymus	3	
		3. Secondary lymphoid organs –Lymph node, Spleen, MALT, GALT, Peyer's patches	3	
		4. Interaction of antigen in secondary lymphoid organ	3	
UNIT - III:	12	1. Basic properties of antigens, Haptens and adjuvants	3	March .2023
		2. B and T cell epitopes	3	
		3. Structure, classes and functions of antibodies	3	
		Monoclonal antibodies	3	
UNIT - IV:	12	1. Structure and functions of MHC I and II	3	April.2023
		2. Exogenous and endogenous pathways of antigen presentation and processing	3	
		3. Autoimmunity - Type I Diabetes mellitus, Psoriasis, Systemic Lupus Erythematosus,	3	
		4. Vaccines: Live, killed, recombinant and toxoid	3	


PRINCIPAL

Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Head
Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. COLLEGE, BRAMHAPURI

Department of Zoology

Session:- 2022-23

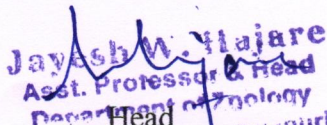
CLASS : B.Sc. III SEM VI (CBCS)

PAPER-II: ANIMAL BIOTECHNOLOGY

Teaching Plan

UNIT	NO. OF LECTURES	TOPICS	TOPIC WISE LECTURES	Course Duration
UNIT - I	12	1. Concept and scope of biotechnology.	2	January to February.2023
		2. Scope of animal cell and tissue culture, Types of media for animal cell and tissue culture.	3	
		3. Sterilization techniques (chemical and physical sterilization).	4	
		4. Advantages and disadvantages of tissue culture	3	
UNIT - II:	12	1. Cloning vectors: Plasmids, Cosmids, Phagemids, Bacteriophage (λ Phage, M13Phage), BAC, YAC and MAC.	4	Feb. to March.2023
		2. Construction of genomic and cDNA libraries and screening by colony and plaque hybridization.	2	
		3. Southern, Northern and Western blotting; DNA sequencing: Sanger method	3	
		4. Polymerase Chain Reaction, DNA Finger Printing and DNA micro array	3	
UNIT - III:	12	1. Gene transfer methods in Animals- Direct gene transfer (Microinjection, Embryonic stem cell gene transfer) and vector based gene transfer (retrovirus gene transfer).	3	March.2023
		2. Applications of transgenic animals: Production of pharmaceuticals, milk production meat production and aquaculture.	3	
		3. Animal propagation -artificial insemination, animal clones.	3	
		4. Conservation of genetic resources of economically important livestock.	3	
UNIT - IV:	12	1. Animal cell culture, Molecular diagnosis of genetic diseases (Cystic fibrosis, Sickle cell anemia).	3	April. 2023
		2. Recombinant DNA in medicines: Recombinant insulin and human growth hormone,	3	
		3. Gene therapy and its types.	3	
		4. Hybridoma technology and production of monoclonal antibody.	3	


PRINCIPAL
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206


Jayash W. Yajare
Asst. Professor & Head
Department of Zoology
Head
Bramhapuri
Department of Zoology

Nevjabai Hitkarini College Bramhapuri

Department of Sociology

Teaching Plan 2022-23

B. A. I, II & III (Sem I, III & V)


First Term 01/07/2022 to 11/01/23

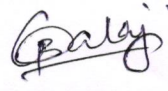
Sr no.	Class & Sem	Up to 15/08/22	Up to 15/09/22	Up to 20/10/22	Up to 09/12/22
01	B.A. I (Sem I)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)
02	B.A. II (Sem III)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)
03	B.A. III (Sem V)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)

B. A. I, II & III Semester Pattern (Sem II, IV & VI)

Second Term 12/01/23 to 14/05/23

Sr no.	Class & Sem	Up to 28/02/23	Up to 31/03/23	Up to 30/04/23	Up to 14/05/23
01	B.A. I (Sem II)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)
02	B.A. II (Sem IV)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)
03	B.A. III (Sem VI)	Unit I	Unit II	Unit III (Internal Assignments)	Unit IV (Seminars)


Principal
Nevjabai Hitkarini College
Bramhapuri-441201


Balaji G Damkondwar
Head, Department of Sociology

N. H. College, Bramhapuri
Teaching Plan : 2022- 2023

Department of :- History
Name of the Teacher :- Dr. M. R. Kapgate
Classes allotted :- B. A. I, B. A. II, B. A.I II
Department Meeting Held on :- 16/07/2022

Sr. No.	Classes	Courses to Covered			
		Up to 01/09/2022	Up to Winter Vacation	Up to 01/03/2023	Up to 08/05/2023
01	B. A.I Sem I & II	Unit I &II	Unit III & IV	Unit I &II	Unit III & IV
02	B. A. II Sem III & IV	Unit I &II	Unit III & IV	Unit I &II	Unit III & IV
03	B. A. III Sem V & VI	Unit I &II	Unit III & IV	Unit I &II	Unit III & IV

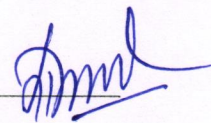
Evaluation Plan: 2022-23

Sr. No.	Classes	Expected Dates of		
		I st Unit Test	II nd Unit Test	Students Seminar
01	B.A.I Sem I & II	06/09/2022	04/04/2023	October 2022 May 2023
02	B.A.II Sem III & VI	05/09/2022	05/04/2023	October 2022 May 2023
03	B.A.III V& VI	11/09/2022	03/04/2023	October 2022 May 2023

Principal

Principal
Nevjabai Hitkarini College
Bramhapuri-441201

Signature of Teacher concerned



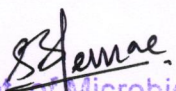
Signature of the Head of the Department

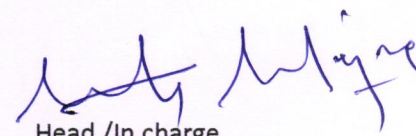
Dr. Mohan R. Kapgate
Assistant Professor & Head
Department of History
N. H. College, Bramhapuri

Criteria 1.1.1 / Teaching Plan / 2022-23 / Microbiology
Semester wise Teaching plan and implementation of curriculum
Department of Microbiology 2022-23

Sr. No.	Class	Subject	Name of Teacher	No. of Units	Teaching aids	Course Duration
1	B.Sc. sem - I	Paper I : Fundamentals of Microbiology	Prof.P.D.Parwate	Unit I to IV	Blackboard, Chalk, Charts, Short Notes & sometimes PPT, LMS	July-20-2022 To Nov-26-2022
		Paper II : Microbial Techniques	Prof.S.B.Hemane	Unit I to IV		
	B.Sc. sem - II	Paper I : General Biochemistry	Prof.P.D.Parwate	Unit I to IV		Jan-17-2023 To Apr-29-2023
		Paper II : Applied Microbiology	Prof.S.B.Hemane	Unit I to IV		
2	B.Sc. sem - III	Paper I: Microbial Physiology And Metabolism	Prof.P.D.Parwate	Unit I to IV	Blackboard, Chalk, Charts, Short Notes & sometimes PPT, LMS	July-20-2022 To Nov-26-2022
		Paper II:- Food, Soil Microbiology And Microbial Ecology	Prof.S.B.Hemane	Unit I to IV		
	B.Sc. sem - IV	Paper I : Industrial Microbiology	Prof.S.B.Hemane	Unit I to IV		Jan-17-2023 To Apr-25-2023
		Paper II: Microbial Genetics And Molecular Biology	Prof.P.D.Parwate	Unit I to IV		
3	B.Sc. sem - V	Paper I: Medical Microbiology	Prof.P.D.Parwate	Unit I to IV	Blackboard, Chalk, Charts, Short Notes & sometimes PPT, LMS	July-20-2022 To Nov-27-2022
		Paper II: Bioinstrumentation	Prof.S.B.Hemane	Unit I to IV		
	B.Sc. sem - VI	Paper I : Recombinant DNA Technology	Prof.S.B.Hemane	Unit I to IV		Jan-17-2023 To Apr-25-2023
		Paper II: Immunology	Prof.P.D.Parwate	Unit I to IV		


Principals
 Nevjabai Hitkarini College
 Bramhapuri-44120


 Dept. of Microbiology
 N. H. College, Bramhapuri


 Head /In charge
 Department of Microbiology
 Jayesh W. Hajare
 Asst. Professor & Head
 Department of Zoology
 N. H. College, Bramhapuri


1111

N. H. College, Bramhapuri
Deptt. Of physics (2022 - 2023)
TIME - TABLE

W. E. F. 22/08/2022

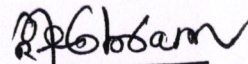
TIME	07:30 - 08:15	08:15 - 09:00	09:00 - 09:45	10:00 - 10:45	10:45 - 11:30	11:30 - 12:15	12:15 - 01:00	01:00 - 01:45
DAY	1	2	3	4	5	6	7	8
MON		BN3 - (RSM), BN4 - (MMB)	I (ANY)	III (MMK)	II (DMP) III (ANY)	← AE1 - (MMK), AC2 - (ANY), ANS6 - (SKR) →		
TUE		II (MMK) CC2 - (ANY), CN3 - (PSM)	I (RSM)	III (DMP)	II (SKR)	← AC3 - ANY, AN4 - DMP, AN5 - MUM →		
WED			I (ANY) III (DMP)	II (SKR) CE1 + CC1 - (DMP), CN4 - (AAT), CNS5 - PHY				
THU		BN3 - (RSM), BN4 - (MMB)		II (DMP) III (ANY)	I (RSM) III (SKR)	← AE1 - (MMK), AC2 - (ARR), ANS6 - (SKR) →		
FRI			II (RSM)		I (RSM) II (DMP)	← AC3 - ANY, AN4 - DMP, AN5 - MUM →		
SAT	I (ANY) BE1 + BC1 - (MMB), BC2 - PHY, BNS5 - (RSM)	III (DMP)	I (ANY)	← CE1 + CC1 - (DMP), CN4 - (AAT), CNS5 - PHY →			II (RSM)	

RSM:- Dr. Ratan S. Meshram
DMP:- Prof. Dalesh M. Parshuramkar
ANY:- Dr. Atul N. Yerpude
SKR:- Dr. Shradha K. Ramteke
MMK:- Miss. Monali M. Khobragade


Off. Principal
 Nevjabai Hitkarini College,
 Bramhapuri, Distt. Chandrap.

MMB :- Dr. Mangesh M. Bhawe
AAT:- Miss. Aruna A. Thakare
MUM:- Miss. Megha U. Meshram
PSM:- Mr. Pritam S. Morande
ARR:- Mr. Ashish R. Ramteke





Head
 Department of Physics
 Nevjabai Hitkarini College
 Bramhapuri - 441206


N.H.College, Bramhapuri
Department of Zoology
UG Time- Table 2022-23

wef- 22/08/2022

	1	2	3	4	5	6	7	8	Workload			
	7.30-8.15	8.15-9.00	9.00-9.45	10.00-10.45	10.45-11.30	11.30-12.15	12.15-1.00	1.00-1.45	Name	T	P	Total
M O N	III JWH		I DGA	II NHS					JWH	5	15	20
	[EN3- NHS]			[FN3- DGA]			[DM1- JWH][DN3- PPW] [DNS5-SMB]		DGA	6	14	20
T U E	II DGA		I DGA		III JWH				VNN	0	4	4
	[FS4+FM- JWH][FS5+ FMB-TKR]			[EN2- DGA] [ENS 5- AAB]			[DNS6- ADT] [DS7- VNN]		AAB	1	6	7
W E D	III DGA			I NHS		II JWH			ADT	0	9	9
	[EM1- JWH] [EN4 PPW]			[FN 1- GBR] [FN 2 - STB]			[DN2- JWH] [DN4- GBR]		TKR	0	6	6
T H U	III DGA		I STB	II NHS					PPW		8	8
	[EN3- NHS]			[FN3- DGA]			[DM1- JWH][DN3- DGA] [DNS5- SMB]		GBR		10	10
F R I	II JWH				I AAB	III STB			NHS	3	6	9
	[FS4+FMA-ADT][FS5+FMB-TKR]			[EN2- DGA] [ENS 5- AAB]			[DS6- ADT] [DS7- VNN]		STB	3	6	9
S A T		III STB		II JWH	I DGA				SMB		4	4
	[EM1- JWH] [EN4 - PPW]			[FN 1- GBR] [FN 2 - STB]			[DN2- ADT] [DN4- GBR]		Total	18	88	106

I Zoo / I Bot / I Che : Main Building Room No. - 25
 II Zoo / II Bot / II Che : Main Building Room No. - 32
 III Zoo / III Bot / III Che : Main Building Room No. - 29


Jayesh W. Hajare
 Head
 Asst. Professor & Head
 Department of Zoology
 N. H. College, Bramhapuri


Principal
 N. H. College, Bramhapuri
 Bramhapuri, Dist. Chandrapur-441206

N. H. College, Bramhapuri
Time Table 2022 - 2023 (Sem II & IV ,VI)
U.G /P G. Department Of Geography

Day	Class	1	2	3	4	5	6	7	8
		7.30 to 8.15	8.15 to 9.00	9.00 to 9.45	10.00 to 10.45	10.45 to 11.30	11.30 to 12.15	12.15 to 1.00	1.00 to 1.45
Mon	UG		B. A. - II (RKD)		B. A. - III (PBK)	B. A. - I (Pra.) (VMK)		B. A. - I (Pra.) (VMK)	
	M. A. I	Resea Meth.(RKD)	Morpho. Analysis (AVS)		Resource Geo. (YSK)				
	M. A. II		Settlement (PBK)	Environ(RKD)	EVS (VMK)	EVS (AVS)			
Tue	UG		B. A. - I (VMK)	B. A. - III (PBK)		B. A. - II (Pra.) (RKD)		B. A. - II (Pra.) (RKD)	
	M. A. I		Morpho. Analysis (AVS)		Research Meth.(RKD)	Resource Geo. (YSK)			
	M. A. II	Social Geo (YSK)	Settlement (PBK)	Stata Pra. (VMK)					
Wed	UG	B. A. - I (VMK)			B. A. - II (RKD)	B. A. - III (Pra.) (RKD)		B. A. - III (Pra.) (PBK)	
	M. A. I	Geomor (AVS)	Morpho. Analysis (RKD)		ResearchMeth.(RKD)				
	M. A. II		Stata (AVS)		Settlement (PBK)	Social Geo (YSK)			
Thu	UG	B. A. - II (RKD)			B. A. - I (VMK)	B. A. - I (Pra.) (PBK)		B. A. - I (Pra.) (PBK)	
	M. A. I	Geomor (AVS)	ResearchMeth.(RKD)	ResourceGeo.(VMK)	Research Meth.(RKD)				
	M. A. II		Stata (RKD)		Settlement (PBK))	Social Geo (YSK)			
Fri	UG			B. A. - II (RKD)	B. A. - III (PBK)	B. A. - II (Pra.) (RKD)		B. A. - II (Pra.) (RKD)	
	M. A. I		Resour Geo. (VMK)	Geomorpho (PBK)	Resource Geo. (YSK)	Computer Aplication (VMK)			
	M. A. II	Social Geo (YSK)	Stata (AVS)		EVS (VMK)				
Sat	UG		B. A. - I (VMK)	B. A. - III (PBK)		B. A. - III (Pra.) (YSK)		B. A. - III (Pra.) (YSK)	
	M. A. I	Geomor(PBK)	Toposheet Map (RKD)		Geomorpho (AVS)				
	M. A. II		Settlement (PBK)	EVS (VMK)	Research Project (RKD)				



[Signature]
 Head
 P.G. Deptt. Of Geography
 N. H. College, Bramhapuri

1.1.1. Departmental Time Table

N. H. College, Bramhapuri

Dept. of Commerce

TIME TABLE

(Marathi Medium)

w.e.f. 20/02/2023

Session 2022-23

Day	Period	1	2	3	4	5	6
	Class	7.30. to 08.15	08.15 to 9.00	9.00 to 9.45	10.00 to 10.45	10.45 to 11.30	11.30 to 12.15
Mon	B.Com I	FA(ASM)	HRM(AVK)	ENG(YNM)	STBM(BLL)	PM(RBM)	
	B.Com II	ENG(SGC)	SP(BLL)	OB(RBM)	FA(ASM)	MAR(DLK)	**
	B.Com III	AA(AVK)	IT(VVN)	BC(ASM)	IE(VVN)	IE(AVK)	**
	M.Com I	**	RM(RBM)	ACA(TKG)	HRM(AVK)	CRD(VVN)	**
	M.Com II	**	IBE(ASM)	AMA(BLL)	ED(TKG)	**	**
Tue	B.Com I	FA(ASM)	PM(RBM)	MAR(PDW)	HRM(AVK)	BE(VVN)	**
	B.Com II	OB(RBM)	ENG(VPR)	MAR(DLK)	FA(ASM)	MA(TKG)	ENV(VVN)
	B.Com III	IT(VVN)	AA(AVK)	LL(TKG)	CL(VVN)	BC(ASM)	**
	M.Com I	**	ACA(TKG)	CRD(VVN)	RM(RBM)	**	**
	M.Com II	**	IBE(ASM)	AMA(BLL)	ED(TKG)	**	**
Wed	B.Com I	MAR(PDW)	FA(ASM)	STBM(BLL)	HRM(AVK)	BE(VVN)	**
	B.Com II	ME(AVK)	SP(BLL)	FA(ASM)	MA(TKG)	SP(BLL)	
	B.Com III	IT(VVN)	AA(AVK)	LL(VVN)	**	**	**
	M.Com I	**	ACA(TKG)	HRM(AVK)	CRD(VVN)	RM(RBM)	**
	M.Com II	**	PRO. (RBM)	ED(TKG)	AMA(BLL)	IBE(ASM)	**
Thu	B.Com I	STBM(BLL)	MAR(PDW)	ENG(YNM)	BE(VVN)	FA(ASM)	**
	B.Com II	MA(TKG)	ME(AVK)	FA(ASM)	OB(RBM)	SP(BLL)	ENV(VVN)
	B.Com III	AA(AVK)	IT(VVN)	LL(TKG)	CL(BLL)	**	**
	M.Com I	**	ACA(TKG)	CRD(VVN)	HRM(AVK)	RM(RBM)	**
	M.Com II	**	AMA(BLL)	PRO(RBM)	IBE(ASM)	**	**
Fri	B.Com I	STBM(BLL)	FA(ASM)	ENG(YNM)	HRM(AVK)	PM(RBM)	**
	B.Com II	MAR(DLK)	MA(TKG)	OB(RBM)	ENG(SGC)	ME(AVK)	SP(BLL)
	B.Com III	AA(AVK)	LL(VVN)	BC(ASM)	CL(VVN)	IE(VVN)	**
	M.Com I	**	HRM(AVK)	CRD(VVN)	RM(RBM)	ACA(TKG)	**
	M.Com II	**	PRO(RBM)	AMA(BLL)	ED(TKG)	IBE(ASM)	**
Sat	B.Com I	PM(RBM)	STBM(BLL)	ENG(YNM)	MAR(PDW)	BE(VVN)	**
	B.Com II	ENG(VPR)	MA(TKG)	ME(AVK)	MAR(DLK)	FA(ASM)	**
	B.Com III	IT(VVN)	BC(ASM)	CL(BLL)	IE(AVK)	**	**
	M.Com I	**	HRM(AVK)	ACA(TKG)	RM(RBM)	**	**
	M.Com II	**	PRO(RBM)	IBE(ASM)	AMA(BLL)	ED(TKG)	**

Head
Dept. of Commerce

Vice Principal
N. H. College, Bramhapuri

Principal
N. H. College, Bramhapuri

N. H. College, Bramhapuri
Time Table
Department : Marathi
Year 2022-23

Period		1	2	3	4	5	6
Time		7.20 To 8.08	8.08 To 8.56	8.56 To 9.44	9.54 To 10.42	10.42 To 11.30	11.30 To 12.18
Day	Class						
Mon.	B.A. I	MLT. (A,B) PPW & PDW	Mar. (A) P.D.W.	MAR. (B) PDW	Mar. (A) P.D.W.	-	-
	B.A. II	MLT. P.P.W.	MLT. PPW	-	MAR.(A) DLK	-	-
	B.A. III	-	MAR. (A) DLK	-	-	Mar. P.P.W.	-
	B.Com. I		MAR. PPW				
	B.Com. II			MAR. DLK			
	B.Sc. I			MAR. (M) PPW			
Tue.	B.A. I	Mar. PDW	MLT. PPW & PDW	MAR. PDW	MAR.(A) PDW	-	-
	B.A. II	MAR. (B) DLK	MAR. (A) DLK		MLT. PPW		
	B.A. III	MLT. PDW		MAR. (B) PPW			
	B.Com. I			MAR. PDW			
	B.Com. II			MAR. DLK			
	B.Sc. I					MAR. (M) PPW	
Wed.	B.A. I	MLT. (A,B) PPW & PDW		MAR. (B) PDW			
	B.A. II	MAR. (A) DLK	MLT. PPW	MLT. PPW & PDW	MAR. (A) DLK		
	B.A. III	MLT. DLK	MAR. (A) DLK		MAR. (B) PPW		
	B.Com. I				MAR. PDW		
	B.Com. II						
	B.Sc. I					MAR. (M) PPW	MAR.(B) PPW
Thu.	B.A. I	MLT. PPW & PDW	MAR. PDW	MAR. PDW	MLT. (A,B) PPW & PDW		
	B.A. II			MLT. PDW			
	B.A. III	MLT. DLK	MAR. (A) DLK		MLT. DLK	MAR. (B) PPW	
	B.Com. I					MAR. PDW	
	B.Com. II			MAR. DLK			
	B.Sc. I			MAR. (B) PDW			
Fri.	B.A. I	MAR. (B) PDW		MLT. (A,B) PPW & PDW	MAR. (A) PDW		
	B.A. II	MLT. (A,B) PPW & PPW	MLT. PPW		MLT. PDW		
	B.A. III	MLT. DLK	MAR. (A) DLK	MAR. PPW		MAR. (B) PPW	
	B.Com. I					MAR. PPW	
	B.Com. II			MAR. DLK			
	B.Sc. I						MAR. (B) PPW
Sat.	B.A. I	MLT. (A,B) PPW & PDW	MAR (B) PDW	MAR. (B) PDW		MAR. (A) PDW	
	B.A. II		MAR. (A) DLK	MAR. (B) DLK	MLT. PPW		
	B.A. III	MLT. DLK					
	B.Com. I				MAR. PDW		
	B.Com. II					MAR. DLK	
	B.Sc. I		MAR. (B) PPW				

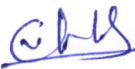
Head of Department
Marathi

प्रा. धनराज एल. खानोरकर
मराठी विभागप्रमुख
नेवजाद हितकारिणी महाविद्यालय
जि. चंद्रपूर. (म.रा.)

Principals
Nejjad Hitarani College
Bramhapuri-441205

N. H. College, Bramhapuri
Department of Political Science
Allotment of Workload Session 2022-23

Class	Paper	Unit	Practical Batch	Periods per week			Expected periods for the year	
				Theory		Practical	Theory	Practical
B.A. I Sem-I	Indian Democracy	IV		5			150	
Sem-II	Local Self Government	IV		5				
B.A. II Sem-III	Political Theory	IV		5			150	
Sem-IV	Political Analysis	IV		5				
B.A. III Sem-V	Modern Indian Political Thought	IV		5			150	
B.A.III	Western Political Thought	Iv		5				
B.A.Isemi	Enviromental Studies			2				30
B.A.I Sem- VI	Democracy Good gov, Election			2			30	

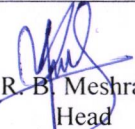

Dr. Varsha V. Chandanshive
Name of Teachers


Principals
Nevjabai Hitkarini College
Bramhapuri-441204

Nevjabai Hitikarini College, Bramhapuri
Department of Commerce & Management

1. Subject-wise workload of the department.

Sr.No.	Class	Subject/Paper	Th.	Prac.	Tut.	Total
1	B. Com. I	HRM	04	00	00	04
2		STBM	05	00	00	05
3		FA	05	00	00	05
4		BE	04	00	00	04
5		PM	04	00	00	04
					Total	22
1	B. Com. II	CL/SP	04	00	01	05
2		OB	04	00	00	04
3		FA	05	00	00	05
4		ME	04	00	00	04
5		CA	05	00	00	05
					Total	23
1	B. Com. III	CA	05	00	00	05
2		CL	04	00	00	04
3		IR/LL	04	00	00	04
4		BC	04	00	00	04
5		Autiding	04	00	00	04
6		IE	04	00	00	04
					Total	25
1	M. Com. I	AFA	06	00	00	06
2		IFS	05	00	00	05
3		ME	05	00	00	05
4		MM	05	00	00	05
					Total	21
1	M. Com. II	TPP	06	00	00	06
2		CAC	05	00	00	05
3		SSM	05	00	00	05
4		ST	06	00	00	06
					Total	22
Total Workload of Department of Commerce & Management					All Class	113


 Dr. R. B. Meshram
 Head
 Commerce & Mang.



 Principal
 Nevjabai Hitikarini College
 N. H. College, Bramhapuri
 Bramhapuri-44120


N. H. College, Bramhapuri
Department of Mathematics
Session: 2022 - 23

Work Load: 2022 - 23

Sr. No.	Name of Teacher	B. Sc. I	B. Sc. II	B. Sc. III	Total
1	Shri B. S. Gedam	06	06	08	20
2	Mrs. V. D. Chapake	04	04	02	10
	Total	10	10	10	30

Total Periods = 30

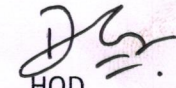

Head
Department of Mathematics
Head
Department of Mathematics
N. H. College Bramhapuri


Off. Principal
Principal
Neelabai Hirkarini College
N. H. College, Bramhapuri
Bramhapuri, Dist. Chandrapur

N.H.College,Bramhapuri
Department of Marathi
Work Load (2022-2023)

S.N	Name	Work Load	Class	Period	Total
1	Dr. Dhanraj L Khanorkar	18	B.A II(A) Mar	4	18
			B.A II(B) Mar	4	
			B.A III (MLT)	5	
			Bcom.II Marathi	4	
			B.A III(A) Mar	1	
2	Dr.P.D.Wankhade	20	B.A.I (A) Comp.Marathi	4	20
			B.A.I (B) Comp.Marathi	4	
			B.A I (B) MLT	5	
			B.Sc.I Marathi	3	
			Bcom II Marathi	4	
3	Dr.P.P.Watti	20	B.A.III (A) Comp.Marathi	3	20
			B.A.III (B) Comp.Marathi	4	
			B.A I (A) MLT	5	
			B.A.II (A) MLT	5	
			B.Sc.I Marathi	3	
Total		58			58


Off. Principal
 Nevjabai Hitkarini College
 Bramhapuri, Distt. Chandrapur

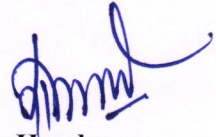

 HOD
 Dept. Of Marathi
प्रा. धनराज एल. खानोरकर
 मराठी विभागप्रमुख
 नेवजाबाई हितकारिणी महाविद्यालय
 ब्राम्हपुरी, जि. चंद्रपूर. (म.रा.)

Nevjabai Hitkarini, College, Bramhapuri
Subject-wise workload of the Department of History
Session 2022-23

Name of the teacher: Dr. M. R. Kapgate

Sr. No.	Class	Subject /Paper	Theory	Practical	Tutorials	Total
1.	B.A.I Sem-I&II	Indian History (Earliest times to 1761A.D.)	05	--	--	05
2.	B.A.II Sem- III &IV	Modern India (1757 to 1971A.D.)	05	--	--	05
3.	B.A.III Sem -V&VI	Modern World (1775 to 2000A.D.)	05	--	--	05
Total			15			15

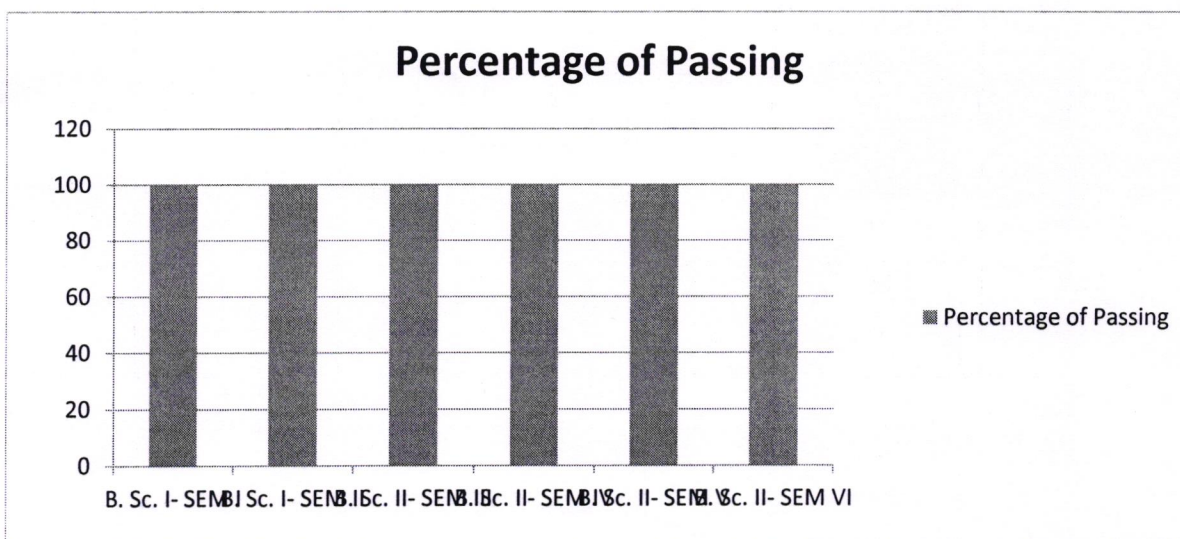

Principals
Nevjabai Hitkarini College
Bramhapuri-441201



Head
Department of History
N.H. College, Bramhapuri
Assistant Professor & Head
Department of History
N. H. College, Bramhapuri

Department of Computer Science RESULT ANALYSIS

Year : 2021-22

Sr. No.	Class	Enrolled Students	Appeared students	No. of Pass students	Percentage of Passing
1	B. Sc. I- SEM I	41	41	41	100.00
2	B. Sc. I- SEM II	41	41	41	100.00
3	B. Sc. II- SEM III	44	44	44	100.00
4	B. Sc. II- SEM IV	44	44	44	100.00
5	B. Sc. II- SEM V	39	39	39	100.00
6	B. Sc. II- SEM VI	39	39	39	100.00




Head
Dept. of Computer Sci.
N. M. College, Bramhapuri
Dist. Chandrapur

N. H. College, Bramhapuri
Department of Geography Examintion Results 2022-23
B. A . Semester System

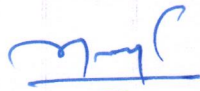
year	Name of the Course	No of Students Appeared	90 Above	Number of students					
				1 st Class (DT)	2 nd Class	3 rd Class	Fail	Pass Student	Pass % of Student
2022-23	B. A . Sem -I	112	01	19	50	19	23	89	79.46%
	B. A . Sem -III	81	Nil	14	38	23	06	75	92.59%
	B. A . Sem -V	100	01	16	37	31	15	85	85.00%
	B. A . Sem -II	83	01	17	44	10	11	72	86.74%
	B. A . Sem -IV	64	Nil	03	24	29	08	56	82.35%
	B. A . Sem -VI	76	02	16	39	16	03	73	96.05%

Geography Subject Topper		Class	Subject Marks	CGPA
Student Name	Ku. Payal Bhanudas Kamdi	B.A. III Sem-VI	90	8.36

M. A . Semester System Result 2022-23

year	Name of the Course	No of Students Appeared	90 Above	1 st Class (DT)	2 nd Class	3 rd Class	Fail	Pass Student	Pass % of Student
2022-23	M. A . Sem -I	39	Nil	Nil	13	11	15	24	61.53%
	M. A . Sem -III	32	Nil	06	15	06	05	28	87.50%
	M. A . Sem -II	34	Nil	03	18	09	04	31	91.18%
	M. A . Sem -IV	29	Nil	07	21	01(WLS)	0	28	96.55%
	Student Name	Class			Total Mark				
Topper	Ravindar Baburao Meshram	M.A. II Sem-IV			320	CGPA- 9.47		80.00%	




 Dr. R. K. Dange
 Department of Geography
 N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapuri

Department of History

Result Session: 2022-23

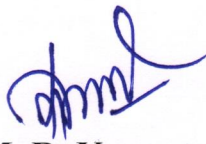
B. A. I, II & III

Winter 2022

Class	Sem	91-100	81-90	71-80	55-70	50-54	40-49	39-00	Pass	Ad.	Ap.	%
		O	A+	A	B+	B	C	Fail				
B.A.I	I	Nil	Nil	01	13	08	28	139	50	207 (134+73)	189	26.45%
B.A.II	III	Nil	01	Nil	07	14	24	61	46	117 (96+21)	107	42.99%
B.A.III	V	Nil	Nil	04	17	17	21	71	59	132	130	45.38%

Summer 2023

Class	Sem	91-100	81-90	71-80	55-70	50-54	40-49	39-00	Pass	Ad.	Ap.	%
		O	A+	A	B+	B	C	Fail				
B.A.I	II	Nil	01	04	17	18	35	48	79	207 (134+73)	127	62.20%
B.A.II	IV	Nil	01	05	30	17	15	05	68	117 (96+21)	73	93.15%
B.A.III	VI	Nil	01	12	29	13+2	23	23	80	132	103	77.66%

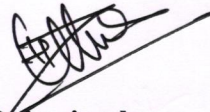


Dr. M. R. Kapgate

Head

Department of History

Assistant Professor & Head
Department of History
N. H. College, Bramhapuri



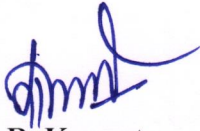
Principal

N. H. College, Bramhapuri

Principal
Nevjabai Hitkarini College
Bramhapuri-441201

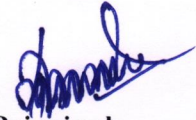
Nevjabai Hitkarini College, Bramhapuri
Post Graduate Department of History
M. A. I & II History (CBCS)
University Result: 2022-23

Class	Sem	Ad.	Ap.	I St Class With Dt. CGPA 9 -10	First Class CGPA 8.01 - 9	Higher II nd Class CGPA 7.01-8	II nd Class CGPA 6.01-7	Third Class CGPA 5.01-6	Fail	Pass	Percentage
M.A.I Winter 2022	Sem- I	47	43	05	06	04	03	04	21	22	51.16%
M.A.I Sumer 2023	Sem- II	47	36	06	08	10	03	01	08	28	77.78%
M.A.II Winter 2022	Sem- III	43	42	02	01	06	11	00	20	20	47.62%
M.A.II Sumer 2023	Sem- IV	43	37	00	08	14	05	00	10	27	72.97%

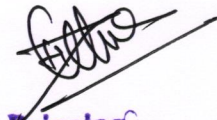


Dr. M. R. Kapgade
Head

Department of History
Assistant Professor & Head
Department of History
N. H. College, Bramhapuri



Principal
N. H. College, Bramhapuri



Principal
Nevjabai Hitkarini College
Bramhapuri-441301

DEPARTMENT OF SOCIOLOGY

RESULT OF YEAR 2022-23

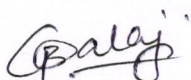
Semester I/III/V

Sr. No	Class	Paper	No. of Students Appeared	No. of Students Passed	% of Passing	% of Students passed in I Div	% of Students passed in II Div
1	B.A. I Sem I	Introduction to Sociology	142	38	26.76 %	01 %	16.19 %
2	B.A. II Sem III	Indian Society : The Structural Issues	91	23	25.27 %	2.19 %	15.38 %
3	B.A. III Sem V	Sociology of Tribal Society	98	69	70.40 %	14.28 %	37.75 %

Semester II/IV/VI

Sr. No	Class	Paper	No. of Students Appeared	No. of Students Passed	% of Passing	% of Students passed in I Div	% of Students passed in II Div
1	B.A. I Sem II	Introduction to Sociology	81	45	55.55 %	8.64%	28.39 %
2	B.A. II Sem IV	Social Problems in Contemporary India	55	43	78.18%	20 %	45.45 %
3	B.A. III Sem VI	Sociology of Tribal Society	73	55	75.34 %	17.80 %	41 %



Principal
Newjabal Hitkarial Collg)
Bramhapuri-441201

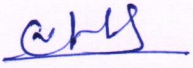

Head
Department of Sociology

DEPARTMENT OF POLITICAL SCIENCE

RESULT OF YEAR 2022-23 (Winter/Summer)

Sr. No.	Name of the course		No. of students appeared	Merit	Number of Students			
					1 st Class	2 nd Class	Passed	% of Passed students
a.	B.A. I	Sem I	140		04	30	49	35.00%
		Sem II	108		13	33	60	55.55%
b.	B.A. II	Sem III	106		05	06	47	44.33%
		Sem IV	82		05	12	38	46.34%
c.	B.A. III	Sem V	126		10	34	59	46.82%
		Sem VI	105		15	28	57	54.28%
d.	M.A. I	Sem I	59		--	--	05	8.47%
		Sem II	36		02	13	24	66.67%
e.	M.A. II	Sem III	49	01	06	07	22	44.89%
		Sem IV	46		02	10	29	63.04%


Principal
 Nevjabai Hitkarini College
 Bramhapuri-44120


 V.V. Chandanshive
 Head of the Department

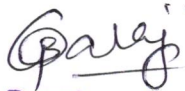
Department of Sociology

B.A. Semester I

Name of the Course: Introduction to Sociology

Course Outcome

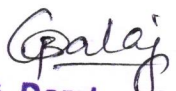
1. Students will learn the basic concepts of Sociology, by which they can understand the sociological knowledge.
2. The knowledge about society improve their life style, thinking capacity, and develop life skills among the students, which will convert them in good citizen. This is the ultimate benefit of the study of sociology for individual as well as for nation building.
3. Students will inculcate the Social values. So their personality develops as expectations of the society.
4. Students will familiar with the subject matter of sociology.
5. Students understand the scope and importance of Sociology, which increase their interest in Sociology.
6. Students get knowledge about various career opportunities at local, National and International level.
7. Students will know the origin and development of sociology as a science, difference between scope and perspective of Natural and Social Sciences. It develops scientific attitude among them.
8. Students will understand the social aspects of Indian Society.
9. Students will understand the relationship of Sociology with other social Sciences.
10. Students get deep knowledge about the basic Social Institutions, their structure and correlation between all social institutions.
11. The study of basic concepts like Society, Social Groups, Social Structure, and Social Status develops the sociological approach in the students.
12. Students get inside about the Culture, types of culture, and elements of culture.
13. By studying the process of Socialization, Students can understand how their personality and perspective develop.


Balaji G. Damkondwar
Asst. Prof. & Head
Dept. of Sociology
N. H. College, Bramhapuri


Principal
Nevjabai Hitkarini College
Bramhapuri-441202

Department of Sociology
B.A. Semester II
Name of the Course: Introduction to Sociology
Course Outcome

1. Students will get insight about the basic Social Process in the society, by which they can understand the social Reality .
2. The knowledge about society improve their life style, thinking capacity, and develop life skills among the students, which will convert them in good citizen. This is the ultimate benefit of the study of sociology for individual as well as for nation building.
3. Students will inculcate the Social values. so their personality develops as expectations of the society.
4. Students will familiar with The process of Social stratification, social Mobility.
5. Develop insight about various social issues by studying process of Social Conformity, Social Deviation, Social Control.
6. Students able to understand the inter linkages between social phenomenon and role of the individual as well as society in social development.
7. Students get familiar with the process of Social Change , Factors of social change and kinds of social change.
8. Study of Sociological Perspectives develop critical approach towards social issues, Structural functional perspective, Marxist perspective and feminist perspective can helps in evaluation of the social reality.
- 9 . Understanding the structure and functions of various social institutions, they understand their role and status in social development.
- 10 . Students will know about importance of different social processes, so they can understand the need of constitutional values like Democracy, equality, social justice, law, fraternity, secularity, Socialism.


Balaji G. Damkondwar
Asst. Prof. & Head
Dept. of Sociology
N. H. College, Bramhapuri


Principal
Nejjabai Hitkari College
Bramhapuri-441201

N.H.College,Bramhpuri.

Department of Political Science

Program me Outcome

Program me outcome-: To Impart Knowledge and skill needed to contribute to Society as Administrative officer or Noble Politician or Responsible citizen

Program me Specific outcome-The course enables student to acquire Knowledge about Indian Democracy, Local self Government ,Political Thought ,Political Theory .Student get Specialize about technical as well as theoretically trained in procedure regarding Indian Political system ,Political Theory and Political Thought

Course outcome

B.A. I sem I – Subject- Indian Democracy -outcome of the Subject

Gondwana University constituted a syllabus on Indian Democracy. Which achieves following objective.

1. Awareness about the structure of Indian Democracy like
 - a) Legislature b) Executive c) Judiciary
2. Role of people they played in Indian political system.
3. A good and responsible citizens can developed through this syllabus.
4. To achieve constrictive work from society.

B.A. I sem II – Local self Government- outcome of this topic.

1. It explain Democracy means participation of people of various bodies of Government.

2. To understand local self Government.
3. To encourage participation at local level to national level.
4. To enhance political participation.
5. In 4th units of the syllabus focus on Human Rights which valuable for human being.it also teaches how to protect them.
6. There is another chapter about Right to Information Act-2005 in 4th unit which is also showing transparency in governmental bodies is necessity of Democracy .

B.A. II- sem III

Subject- political Theory

- 1.It helps to understand basic of Political Science.
- 2.It teaches theories like Origion of State,Soverginity,Social Change

Sem-IV

Subiect-Political Analysis

1. It is also usefull understand the basic concept of Political system. Like Power law, rights, Authorrity, legtimancy. It help student understand the basic of political science and to undersgtand the actual meaning of various concept which we use genrally having depth meaning behind in it

B.A. III sem V & sem VI –

Having Indian political thoughts in sem V which achieves following objectives.

1. To Know beot of political thought for related to India.

2. To enrich moral values among student by giving devoted thoughts of devoted thinker.
3. To create a patriotic thinking among students.

Sem VI – Western political thoughts

To aware, motivates student to read the thoughts of western thinker which responsible to revolution in many countries. Like karl Marx, Lenin, Mill, Betham

To achive couricullam Enrichment also play vital role which can be pointed out as follows.

1. Legislative Assembly of Maharashtra organizes very year organizes workshop on legislative work procedure and tradition. There are all the Universities representative of student and teacher participated in this seven days workshop is strongly motivated hero actual democratic process is work. And also student encourage in the career development too.
2. Constitutional awareness among to student of at U.G. level and P.G. level can be helpful to built responsible citizens of nations Department celebrated constitutional day every year and organizes lecture on constitution to achieve the largest goal.. It is also helpful for students to bring sense of equality among them. In any democratic country sense of Equality is must to overcame religious difference like gender, language cast and creed.

Chit

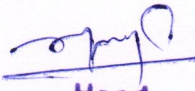

Principa
Nejabaal Hitkarini Collar)
Bramhapuri-441204


DEPARTMENT OF GEOGRAPHY
N. H. COLLEGE BRAMHAPURI DIST: CHANDRAPUR
COURSE OUTCOMES

Programme Specific Outcomes:

By the end of the programme, the student will be able to –

- 1) Understand the earth's surface as a human habitation.
- 2) Describe the location of biological and inorganic substances in the natural environment of the Earth, in the context of country and time.
- 3) Understand the effects of human environment and its interactions.
- 4) Understand the various ecological situations.
- 5) Explain geographical and regional practices.
- 6) Explain the concept of region and state and describe it.
- 7) Understand regional analysis of earthly events.
- 8) Understand of different branches of Geography and their respective areas.
- 9) Evaluate resources for the enrichment of humans, Proper utilization of resources and cooperation in regional and national development of the country.
- 10) The discipline of geography promotes systematic studies of interaction between man and environment.
- 11) The studies of geography are undertaken on both micro and macro level.
- 12) The studies of geography at global, regional and local levels are taken up within the spatial and temporal framework.
- 13) The contents of geography become highly fascinating to man over the excited that his living planet pulsating with life and constant change of every possible description.
- 13) As for as his knowledge goes this is only celestial body of its kind of inhabited with intelligent life which he can think of.


Head
 Department of Geography
 N. H. College, Bramhapuri


Off. Principal
 Nevjabai Hitkarini College
 Bramhapuri, Distt. Chandrapur

Course: B. A. Sem 5 Geography of Maharashtra

- 1) Explain the physical, and administrative of Maharashtra.
- 2) Classify the Agro based industries and mineral based industries.
- 3) Describe the regional and seasonal variations of the Climatic regions of Maharashtra.
- 4) Discuss the population growth and various types of population Density.
- 5) Solve the problem of growth of population and urbanization.
- 6) Construct the Reduced and enlarged maps.
- 7) Construct maps by using Prismatic survey.

Course: B. A. Sem 6 Geography of India

- 1) Explain the India is a land of diversities and unity within diversities.
- 2) Compare the eastern drainage system and western drainage systems with the help of map.
- 3) Describe the Origin of monsoon and show climatic regions of India in the map.
- 4) Discuss the spatial distribution of population and its problems.
- 5) Explain the various mineral resources and its conservation for sustainable development.
- 6) Explain the various Industries and Industrial regions of India.
- 7) Calculate the R. L, drawing of profile by using Dumpy level survey data.
- 8) Analyze the data collected by the socio - economic survey and write reports.

Course Outcomes

Course: B. A. Sem 1 Introduction to Geography

- 1) Understand the meaning, Nature, Scope, approach, objectives and relevance of Geography.
- 2) Understand the concepts of Earth rotation, revolution and its effects.
- 3) Describe the main environment relationship and environmental issues.
- 4) Understand the concept of ecology and ecosystem, and its important in human life.
- 5) Understand the importance of application of GIS, GPS and remote sensing in modern time for collecting data and map making.
- 6) Understand the recent trends in Geography and career opportunities to Geographers.
- 7) Construct the linear, comparative and diagonal scale.
- 8) Understand the use of central tendencies for analyzing data in research work.

Course: B. A. Sem- 2 Climatology

- 1) Understand the meaning and scope of climatology
- 2) Understand the concept of Insolation, Temperature, Atmospheric composition and structure.
- 3) Classify the winds; explain the role of winds in changing climatic conditions.
- 4) Understand the importance of Atmospheric Humidity in formation of cloud and perception.
- 5) Understand the role of climate in human life.
- 6) Understand the causes, consequences and measures of control of Global warming.
- 7) Construct the climatic maps and diagrams.
- 8) Describe the Indian daily weather maps.

Course: B. A. Sem 3 Geomorphology

- 1) Understand the meaning, Nature and Scope of Geomorphology.
- 2) Understand the concept of continental drift, plate tectonic and Isostasy in modern time.
- 3) Understand the rock types, origin and composition.
- 4) Understand the formation of various land forms caused by Internal and External forces.
- 5) Describe the various Topographical maps of plane, plate and mountain Region.
- 6) Understand the various topographical features by River.
- 7) Understand the types of streams and drainage pattern
- 8) Understand the causes, effect and world distribution an Earth-quake and Volcanoes.
- 9) Understand the various topographical features by using contours.

Course: B. A. Sem 4 Geomorphology and Oceanography

- 1) Describe the meaning, Nature and Scope of Oceanography.
- 2) Understand the unequal distribution of Land and water in the world.
- 3) Understand the Surface configuration of ocean floor
- 4) Understand the work of erosion and deposition Glaciers.
- 5) Understand the landforms associated with the work of valley glaciers
- 6) Understand the landforms developed due to erosion and depositional work of wind.
- 7) Understand the work of underground water and karst topography.
- 8) Understand the landforms developed due to erosion and depositional work of sea.
- 9) Understand the distribution of temperature and salinity of oceans and seas
- 10) Understand the various statistical deviations by using Geographical data.
- 11) Construct the various projection and merits and demerits.

Nevjabai Hitkarini College, Bramhapuri

Department of Chemistry

COURSE OUTCOMES FOR M.Sc. 1ST YEAR

Sem-I

Inorganic Chemistry

Unit-I

1. To understand stereochemistry of non- transition element.
2. Predicting geometries of simple inorganic molecules as per the rules of VSEPR theory.
3. To understand metal-ligand bonding
4. To Learn M.O theory with and without pi-bonding.

Unit-II

1. To understand how the stable metal complexes form.
2. To understand the which factor responsible for the stability of metal complex formation .
3. To learn reactivity of metal complexes with energy profile of reaction ..

Unit-III

1. To study the classification ,nomenclature , structures, and bonding of boron hydrides.
2. To study of preparation and structure of metalboranes.

Unit -IV

1. To understand how the metal –metal bond formand their classification.
2. To learn isopoly and heteropoly acids

Organic Chemistry

Sem-I

Unit –I

1. To understand nature and bonding in organic molecule.
2. the fundamentals of electronic structure and bonding in conjugated and aromatic systems
3. Students will be able to learn aromaticity in benzenoid and non-benzenoids compound.
4. To understand synthetic application of enamines and imines in organic synthesis.

Unit- II

1. Students will be able to understand conformation and stereochemistry of cycloalkanes and their derivatives.
2. To understand effect of conformation on reactivity.
3. To understand addition elimination reactions.
4. To learn what is free radical, carbocation, carboanion, carbene, arynes, nitrene and their stability and structure

Unit-III

1. To learn types of mechanism and types of reactions.
2. To understand the prediction of mechanisms for organic reactions
3. To learn the concept of Hard and soft acids and bases.
4. Student will learn the effect of structure on reactivity of organic molecules.
5. To understand the concept of neighbouring group participation

Unit-IV

1. To understanding of aliphatic nucleophilic substitution reaction, aromatic electrophilic substitution reaction, and aromatic nucleophilic substitution reaction.
2. To predict the mechanisms for organic reactions.

Physical chemistry

Sem-I

Unit -I

1. To understand concept of quantum mechanics.
2. To learn operators and their properties.
3. Application of Schrodinger wave equation

Unit-II

1. To understand the concept of Exact and inexact differential and condition of exactness.
2. To learn Microscopic properties of molecule.
3. To understand the third law of thermodynamics with example.
4. To understand how to determine the partial molar quantities.
5. To understand relation between Gibbs Duhem equation and Gibbs Duhem Mergules equation.

Unit-III

1. Concept of phase rule, Degree of freedom and calculation of degree of freedom.
2. Student will be learn how to construct the phase diagram for one, two and three component system.
3. To learn graphical presentation of phase diagram.

Unit-IV

1. To understand the concept of rate of reaction and their derivation of rate equations from mechanistic data
2. To understand various theory of rate of reaction.
3. How the factor effecting on reaction rate.
4. Concept of collision theory.
5. To understand concept of catalyst and their application.

Analytical Chemistry

SEM-I

Unit-I

1. To understand difference between qualitative and quantitative chemical analysis.
2. To learn the concept of error and their Classification of errors.
3. To understand the significant figures & their calculation.

Unit -II

1. To learn the principle of Separation techniques & their classification
2. Application of Separation techniques in qualitative and quantitative analysis.
3. To understand the concept of ion exchange .
4. To understand the concept of Solid phase extractions and microwave assisted extraction .

Unit -III

1. Student will gain the concept of volumetric analysis and what happen in the reaction of titration.
2. To gain the concept of indicator and their role in titration.
3. To understand the gravimetric analysis.
4. To understand what is mean by fraction precipitation and its application.

Unit-IV

1. To gain the application of analytical methods based on Spectrophotometry and Colorimetry.
2. To understand the photometric titrations.
3. How to calculate stability constant of complex by using jobs and mole ratio methods.

B.Sc. - I (Computer Science)

SEMESTER – I

B.Sc. - I
SEMESTER – I
(Computer Science)

Paper –I: INFORMATION AND COMMUNICATION TECHNOLOGY

[Max. Marks: 50

UNIT-I: Introduction to IT and Computers

Block Diagram of Computer, Functioning of Computer, Characteristics

Computer Memory: Primary & Secondary, Types of Primary Memory.

Number System: Decimal, Binary, Octal, Hexadecimal number systems and their Intercoversion, ASCII codes

UNIT-II: I/O and Storage Device

Input Devices: Keyboard **Locator Device:** Mouse, Joy Stick

Pick Device: Light Pen, Touch Screen, **Scanning:** MICR, OCR, OMR, Barcode Reader.

Vision Capturing: Webcam, Digital Camera

Output Devices: VDU, Printer : Dot Matrix, Laser, Projector.

Storage Device: Hard Disk, Optical Disk, Blu Ray Disk and Pen Drive.

UNIT-III: Windows

Operating System, Classification of Operating System on the basis of task (Single User Single Task, Single User Multiple Task, and Multi-User Multiple Task), Features of Windows, Desktop and Windows Explorer.

Control Panel: Administrative Tools-Date and Time, Display, Mouse, Programs and Features. Usage of Recycle Bin

Windows Accessories: Calculator, Notepad, Paint, Disk Cleanup

UNIT-IV: Network & Internet

Computer Communication, Need for Networks, Communication Device, Types of Network- LAN, WAN, MAN, Concept of Network Topology, Types of Topologies and its Advantages and Limitations

Internet: Basic Internet terms, Internet Addressing, Detail about E-mail, Search Engine, Social and Ethical Issues, E-learning.

Open Source Terminologies: Open Source Software, Freeware, Shareware, Proprietary Software.

Text Books:

- 1) Peter Nortorn's, "Introduction to Computer", TMH, 2004, ISBN-0-07-05-3142-0
- 2) Dr. S. B. Kishor, "Information and Communication Technology", Das Ganu Prakashan
- 3) Chetan Shrivastava "Fundamentals of Information Technology", Kalyani publishers, 2002, ISBN-81-7663-576-6

References:

- 1) Dr. S. B. Kishor, "MS-Office with Office Automation", DAS GANU Prakashan, ISBN : 978-93-81660-67-6
- 2) Akshay Kumar, "Information Technology and Info Guide", Authors press, 2000, ISBN-81-7273-040-3

B.Sc. - I
SEMESTER – I
(Computer Science)
Paper – II: PROGRAMMING TECHNIQUES & INTRODUCTION TO ‘C’

[Max. Marks: 50

UNIT – I: Language Evolution

Machine Language, Assembly Language, High Level Language. Translators: Compiler, Interpreter and Assembler. The Compilation Process, Linker, Loader, Study of HLL, Characteristics of Good Language

UNIT – II: Programming Construction Tools

Problem Analysis, Process Analysis, Conceptual Development of Solution. Development Tools: **Algorithm:** Advantage and Disadvantage of Algorithm, Complexity of Algorithm **Flowcharts:** Advantage and Disadvantage of Flowchart.

UNIT – III: Introduction to C

C-Character Set and Keyword, Constants and Variables, Data types, Type Casting, **Operators and Expressions** – Arithmetic, Relational, Logical Assignment, Increment and Decrement Operator, Updating Assignment, Conditional Operator, Hierarchy of Operators, Input and Output statements in C.

UNIT – IV: Conditional and Looping Statements

Conditional Statement: if-else, nested if, else-if ladder, switch, ternary Operator

Looping Statement: for loop, while and do- while loop, Comma Operator and Use of break, continue and goto statements.

Text Books:

- 1) Dr. S. B. Kishor, “Programming Logic and Techniques”, BlackSwan (University Press), ISBN 978 81 7371 822 9
- 2) E.Balguruswami, “Programming in ANSI C”, TMH, 2009, ISBN-978-0-07-0648220/0-0-0-70-0648220-0.

References:

- 1) RAJARAMAN, “COMPUTER PROGRAMMING IN C”, PHI, 2002, ISBN-81-203-0859-X.
- 2) K.R. Venugopal and S.R. Prasad,” Mastering C”, TMH, 2008, ISBN-13:978-0-07-061667-7/10:0-07-06-1667-1.
- 3) Dr. S. B. Kishor, Dr. V.Godki, “Gateway to C Programming”, Lambert, 2011, ISBN : 978-3-8454-1474-4

B.Sc. - I (Computer Science)
SEMESTER – I
Practical

[Max. Marks : 30

Practical based on IT, Office Automation

A) Information Technology

1. Study of various input devices with troubleshooting.
2. Study of various output devices.
3. Study of booting process.
4. To study assembling and deassembling the PC.
5. To study and installation of antivirus software
6. Procedure to cleanup Disk, Disk fragmentation

B) LibreOffice Writer/Ms-Word

1. a) Type the Content Heading and then set the Index option using Tab setting. Finally take a print out.

CONTENTS

Chapter	Page No.
Windows	1
Ms-Word.....	18
Ms-Excel.....	27
Power-Point	98
Ms-Access.....	131

[Chapter names at 1" with left alignment while Page number at 4.5" with right alignment and with leader

b) Draw a Block diagram of computer system using auto-shapes, and name them using textbox and join each parts using line-style. At the end give the page border to it. Finally take a print out.

c) Type the following set of equation. Finally take a printout.

1. $B^2 - 4AC = 0$

2. H_2SO_4

3. If $(A^2 \geq 0)$

4. $f(x) = \sum_{i=1}^{i=5} s * X^i$

5. $k^2 - 4 = 0$, if $b_0 \neq 0$

6. $e^{i\theta} + e^{-i\theta} = 2\cos\theta$

2. Type the following letter and take printout

ABC

SAI Nagar
Mumbai

☎020-1111111

Dear Sir,

Kindly provide the rate of following set of peripherals,

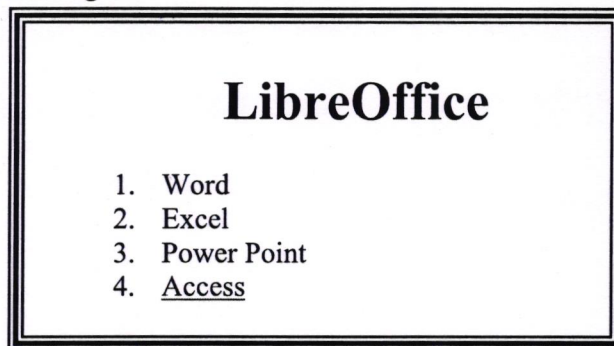
- Computer 🖨 with following configuration
 - Intel® Pentium® Processor T4400 (2.2 Ghz, 1MB L2 Cache, 800 MHz FSB)
 - 250 GB HDD, DVD RW, 35.56cms (14) CSV LED Backlit, 1GB DDR3 RAM
- Floppy disk 🖨 of 1.44 MB of 12 Box
 - Sony
 - Verbatin
- 3-Button mouse 🖨 of following 5 each
 - a) i-ball
 - b) Logitech

Thanking you,

Date : < Insert System Date >

Your
XYZ

3. Type the following




- a) **Ms-Word:** MS-Word is the application software and one of the most powerful word processor in Windows operating system. It is used for formatting of letters or the text. In simple meaning it is a word processor having various functions for text you may insert different objects like pictures, sound and video or calendar in word file.
- b) **Ms-Excel:** Ms-Excel is a powerful spreadsheet or worksheet application that can use for managing, analyzing and presenting data in tabular format. It also helps to display data in graphical format using charts.
- c) **Ms-Power Point:** Ms-Powerpoint is a powerful tool to create professional looking presentation and slide shows.
- d) **Ms-Access:** Ms-Access is a powerful program to create and manage database.

Perform the following operation,

- i. When user presses on Access it should jump to Access Paragraph within page.
- ii. Similarly create a hyperlink for other option within a page.
- iii. Print it.

4. Define and write the characteristic of computer and perform following operation,
- Divide the text in two columns
 - Insert the picture of computer in the background in each column.
 - Insert header with your name
 - In footer write name of your college
 - Give proper heading for phrase.
 - Use Drop Cap for 1st letter of each paragraph
 - Define line spacing 1.5 with left margin 1.25" and right margin 0.75"
 - Font : Courier New, Font size for heading 14 and for normal text 11
 - Finally take a print out.
5. Type the following letter exactly as given below,
Before start of typing, set up page in the following format
- Page Size : A4 with Landscape Orientation
 - Left Margin: 2" Right Margin: 1" Top Margin: 0.5"

Computer Stream after 12th



COMPUTER

- **Science Stream**
 - B.Sc. (Computer Science)
 - B.Sc. (IT)
 - BCA
 - B.E. (Computer Science)
 - B.E. (Information Technology)
- **Commerce Stream**
 - BCCA
 - B.Com (Information Technology)

[If Computer Picture is not loaded on your computer then simply select one of the pictures loaded in clip-art]

6. Write a letter to publisher for supplying the list of books along with book details. For ex.
- To,
 Publisher,
 Das Ganu Prakasan,
 Nagpur.
- R/Sir,
 Supply following title of books at the earliest.

Sr.No.	Title	Author	No. of Copies
1	Information System	S.Kishor	10
2	Information Technology	S. Kishor	15
3	Principle of Business Management	S. Kishor	12
4	Financial Accounting	Dr. Kishor Mohrir	13

Thanking you,

Date: < Insert System Date >

Yours

Principal
(Dr. WWW)

Perform Following option

- 1) Take a printout
- 2) Assume Librarian forget to enter one of the entry of book so, kindly add it between number 3 and 4 say,

4 Business Economics Gurbir Kaur Khalsa 10

- 3) Replace author name S. Kishor by S.B. Kishor at once.
- 4) Finally print the copy of this document with following settings,

- Left Margin = 1.75"
- Right Margin = 1"
- Top Margin = 1.5"
- Bottom Margin = 1"

7. Using Mail-Merge write a letter to all selected candidate for their final admission on specific date say (30-June) at XYZ Institute, with necessary documents at 10 AM.

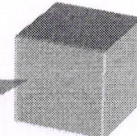
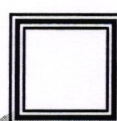
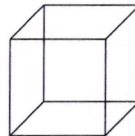
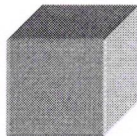
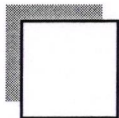
Name should be highlighted while course and date of commencing class should be underlined

8. Create a document and while saving give a security to open the saved document.
Take a screen shot while opening it.

9. Draw the following shape using rectangle option found in Drawing Toolbar



And generate following types of box by copying and formatting above box



C) LibreOffice Calc/MS-Excel

- 1) Prepare following table in a worksheet using MS-Excel.

Name	Basic	DA	HRA	Gross Pay	PF	Net Pay
Rahul	10000					
Sachin	20000					
Nilesh	15000					
Bharti	25000					

Perform following operations:-

1. Complete the table using formulas

- $DA = \text{Basic} * 27\%$
- $Hra = \text{Basic} * 10\%$
- $PF = \text{Basic} * 12.5\%$

- Gross Pay = Basic + DA + HRA
 - Net Pay = Gross Pay – PF
2. Give the Proper Heading.
 3. Take the printout in landscape orientation

2) Enter following data in MS-Excel worksheet.

Name	Date of joining	Salary	Designation
Rahul	Jan-05	10000	Peon
Sachin	Oct-10	20000	Accountant
Nilesh	Jan-05	15000	Clerk
Bharti	Dec-09	25000	Manager

Perform following operations:-

1. Copy the above data and place in sheet2 and sort the table in the ascending order or date of joining and give proper heading.
2. Copy the above data and place in sheet3 and sort the table in the ascending order or date of joining followed by order of name and give proper heading.
3. Copy all the above data to sheet4 and take printout

3) Prepare following using MS-Excel.

Players	Match 1	Match 2	Match 3	Average	Highest Score	Sum
Sehwag	78	43	91			
Sachin	45	77	62			
Yuvraj	65	80	37			
Dhoni	34	15	46			
Raina	23	75	55			

Perform following:-

- a. Calculate Average and High score of each player using AVERAGE & MAX function
 - b. Calculate total score of each match using SUM function.
 - c. Sort above records in descending order on the basis of average.
 - d. Take the printout in landscape orientation
- 4) Prepare the Mark sheet of IT subject on the basis of 3 Unit test. Each of 30 Marks and perform following,
1. Calculate total marks, Average and Grade
 2. Auto format to the above table.
 3. Take the printout
- 5) Prepare the multiplication using
- 1) Relative cell reference
 - 2) Absolute cell reference.

Multiplicand	Multiplier	Product using Relative	Product using Absolute
13	1		
	2		
	3		
	:		
	:		
	10		

6) Create profit and prepare a column chart in MS-EXCEL using the data.

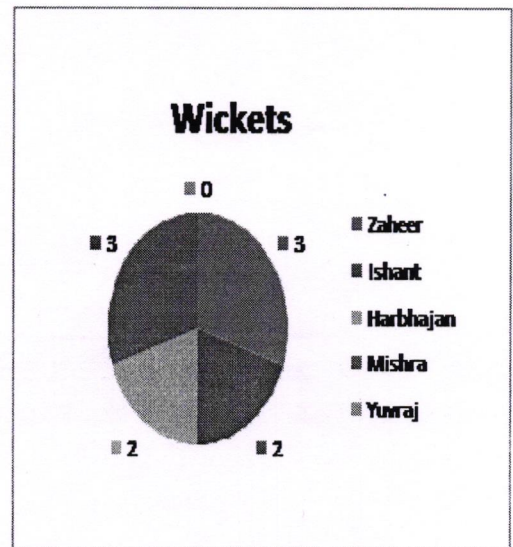
Month	Net Sales	Actual Cost	Profit
Jan. 10	22000	18000	
Feb. 10	245005	9555	
Mar. 10	32450	24850	

Perform following operations:-

- Find the profit
- Give a chart title "Profit Report"
- Take the printout.

7) Draw Pie chart of following excel sheet.

Bowler	Over	Maiden	Runs	Wickets
Zaheer	10	2	22	3
Ishant	10	1	36	2
Harbhajan	10	0	48	2
Mishra	10	0	37	3
Yuvraj	10	0	43	0



D) LibreOffice Impress/Ms-Powerpoint

1. Prepare the following slides with the information given below:

- Select the slide of your choice and write about yourself.
- Write about your family members name with relation.
Tip: By using Title and 2 column text
- Using Title Content and text slide insert the picture of your favourite hero with the list of their movies.
- Finally run the slide continuously until Esc key is not pressed.

At last, write the steps that you have perform.

2. Create the following slide.

ICAT PVT LTD

<ul style="list-style-type: none"> • COURSES ✓ C ✓ C++ ✓ VB ✓ ORACLE ✓ JAVA 	<ul style="list-style-type: none"> • FEES STRUCTURE ❖ 1500 ❖ 2500 ❖ 2000 ❖ 3000 ❖ 4000
---	--

1. Change the bullet style in the first and the second level.
2. Change the case of the first level text to upper case and second level text to lower case.(By using Change Case option)
3. Change the attribute of the text to: Font : Arial, Font Style : Italics, Size:20
4. Justify the text.

3. Select the 10 slides of your choice. Apply the following settings and write the steps you have perform in each options.

- Insert page number in each slide
- Timer should be displayed during execution.
- Change the background color of each slide.
- Set the interval time for each slide to be displayed.
- Use Flash bulb animation in your presentation.
- Select a Color Schemes of your choice.
- Insert Chart in one of your slide.
- Insert a table in your presentation

E)‘C’- PRACTICAL

- 1) A program to find simple and compound interest for the rate of interest.
- 2) A program to find corresponding temperature in Fahrenheit from a given temperature in Celsius.
- 3) A program to swap the contents of two variables.
- 4) A Program to accept the distance between two cities in Kilometer and print the distance in meter, feet, inches and centimeter.
- 5) A Program to accept the two sides and angle included by these two sides to find area and third side of a Triangle.
- 6) A Program to check a number is even or odd using conditional operator.
- 7) A program for testing leap year.
- 8) A program to find roots of Quadratic equation ax^2+bx+c .
- 9) A Program to generate a menu driven program using switch statement.
 1. Add
 2. Edit.
 3. Delete.
 4. Exit.
- 10) A Program to print multiplication Table of a number.
- 11) A program to print number, square and cube of the first 10 natural number.
- 12) A program to find the factorial of an integer number.
- 13) A program to generate and print Fibonacci sequences.
- 14) A program to print first 5 lines of the following pyramid.

```

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

```

- 15) A program to find the GCD of two Positive integers by successive division.

16) A Program to find the number of Armstrong number between 123 to 425

17) A program to print all the prime number between 10 to 100

Note: Practical should be performed either using Open Source Software (gcc Compiler) 'C' or by using Turbo 'C'.

B.Sc. - I (Computer Science)

SEMESTER – II

B.Sc. - I (Computer Science) SEMESTER – II
Paper –I: OPERATING SYSTEM & LINUX

[Max. Marks:50

UNIT-I: Introduction to Operating System

Operating System: Introduction, Purpose, Function and Role of Operating System.

Types of OS: Concepts of Batch, Multi Programmed, Time Sharing, Parallel, Real Time.

Computer System Structure: Computer System Operation, I/O Interrupt, Storage Structure and Storage Hierarchy.

Hardware Protection: Dual Mode Operation, I/O Memory and CPU Protection

UNIT –II: Operating System Structure

System Components: Process, Main Memory, File I/O System, Secondary Storage Management, Networking, Protection System, Command Interpreter System

Process and Job Control: Process and Types of Process, Operation on Process, File Manipulation Device Management, Information Maintenance and Communication.

UNIT – III: Linux

Structure of Linux Operating System, Exploring the directory structure, Naming Files and Directories

Shell: Bourne, Korn and C-Shells

File System Commands: ls, mkdir, rmdir, cd, cat, mv, cp, rm, ln, pwd, more

Text editing with vi editor

UNIT –IV: Shell Scripts

Pipe and Filters: sort, grep, egrep **Permission Modes:** chmod, chown, chgrp

Process: ps, kill, **Communication**

Shell Scripts: Variables, Arithmetic in Shell Script, Control flow statements, Shell Parameters

Text Books

- 1) Andrew S. Tanenbaum, "Modern Operating Systems", PHI.
- 2) Jack Tackett, Jr. and Steven Burnett, "Using Linux", PHI (5th Ed)
- 3) Dr. S. B. Kishor, "Operating System", Das Ganu Prakashan, ISBN : 978-93-81660-11-9

References

- 1) Brain Proffitt, "Red Hat Linux 7", PHI.
- 2) "Teach Linux in 24 hours", SAMS Techmedia, ISBN: 81-7635-499-6
- 3) Grant Taylor, "Linux Complete", BPB pub., ISBN : 81-7656-170-3

B.Sc. - I (Computer Science) SEMESTER – II
Paper-II: STRUCTURED PROGRAMMING WITH ‘C’

[Max. Marks : 50

UNIT–I: Arrays

Definition, Initialization of array, Writing and Reading data from an array, Bounce Checking, Searching, Sorting and Merging of two arrays. Two Dimensional Array : Declaring, Initialization, Operation on Matrix : Addition, Multiplication, Transpose etc.

String: String Manipulation using string library functions.

UNIT–II: Structure and Union

Structure: Need of Structure, period operator, Initializing Structure, sizeof(), Arrays of Structure, Nested Structures.

Unions: Concept and applications, enum

UNIT–III: Function and Storage Class

Function: Arithmetic and String Library Function, User defined functions, Advantage of Function, Category of Function, Nesting Function, use of void, Recursion.

Function with Arrays, Passing Structure elements to Functions.

Storage Class: auto, static, extern, Register.

UNIT–IV: Pointer and File Concept

Pointer: Declaring and Initializing pointer variable, Pointer Operator, Call by value and Call by Reference

Dynamic Memory Management Functions: malloc(), realloc(), free()

Files: Concept of file, Operation on Files, Defining, Opening and closing files, Modes of Files, file handling function, Command Line Argument.

Text Books:

- 1) E. Balguruswami, “Programming in ANSI C”, TMH, 2009, ISBN-978-0-07-0648220/0-0-0-70-0648220-0.
- 2) Dr. S. B. Kishor, “Programming in C”, Das Ganu, 2016, ISBN: 978-93-84336-21-9

References

- 1) RAJARAMAN, “Computer Programming in C”, PHI, 2002, ISBN-81-203-0859-X.
- 2) K. R. Venugopal and S. R. Prasad, “Mastering C”, TMH, 2008, ISBN-13:978-0-07-061667-7/10:0-07-06-1667-1.
- 3) Dr. S. B. Kishor, Dr. V. Godki, S. Madhavi, “Gateway to C Programming”, Lambert Pub. Germany, ISBN-9783845414744

B.Sc. - I (Computer Science)
SEMESTER – II
Practical

[Max. Marks : 30

A) PRACTICAL BASED ON LINUX

- 1) Perform the following Directory Commands
a) pwd b) ls c) mkdir d) cd e) rmdir
- 2) Perform the following File management Commands
a. cat b) cp c) ln d) rm e)more f) mv
- 3) A Shell Script to perform various arithmetic operations.
- 4) A Shell Script that takes two numbers from keyboard and display their average as an output.
- 5) A Shell Script to display current date, users who have logged in, process status and calendar of the month.

B) 'C' – PRACTICAL

- 1) A program to search an element S among N numbers.
- 2) A program to rotate the list
For Eg. Before Rotate : 6 7 8 3 4 7
After Rotation : 7 8 3 4 7 6
- 3) A program to sort the list of N numbers using bubble sort.
- 4) A Program to delete an element from list of N number.
- 5) A Program to find sum of two matrices having size $m*n$ and $p*q$.
- 6) A Program to Transport the matrix of size $M*N$.
- 7) A Program to find sum of each row and column of matrix and also find largest and smallest element in the given matrix.
- 8) A program to count number of characters including uppercase and lowercase letter, digits, punctuations, space and words that are entered in a given string.
- 9) A program to define and accept the element of structure
 - 1) Empno
 - 2) Name
 - 3) Basic pay

and display the same structure along with DA, CCA and gross salary.

DA and CCA are calculated as follows.

DA= 91% of basic salary

CCA= RS 100/- consolidation.

10) A Program to enter the marks of 5 subjects of 3 students and also find the total marks of each student using structure with array.

11) A Program to accept the containing 10 number and pass it to function to print it.

12) A program to evaluation following series.

$$e^x = 1 + x + \frac{x^2}{2!} + \frac{x^3}{3!} + \frac{x^4}{4!} + \dots + \frac{x^n}{n!}$$

13) A program to sort the list of names using Pointer.

14) A function length() which count the length (number of character in the given string.)

15) A function copystr() which will copy the contents of string into another.

16) A program to simulate DOS TYPE command.

17) A program to count number of characters include uppercase and lowercase latter, digits, punctuations, space, words and number of lines in given file.

18) A program to create data file "Student.dat" having fields, Rollno, Name and Address.

19) A program to read and display the contents of data file "Student.dat".

Principals
Nevjabai Hitkarini College
Bramhapuri-441203

GONDWANA UNIVERSITY GADCHIROLI

CHOICE BASED CREDIT SYSTEM SEMESTER PATTERN SYLLABUS

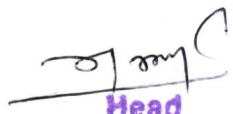
FOR

B.A. GEOGRAPHY

Semester wise Distribution of Marks

Sr. No.	Class	Semester	Subject	Theory paper Marks	Internal Assessment	Practical Mark	Total Mark
1	B.A. Part I	I	Core Subject Introduction to Geography	50	20	30	100
2	B.A. Part I	II	Core Subject Climatology	50	20	30	100
3	B.A. Part II	III	Core Subject Geomorphology	50	20	30	100
4	B.A. Part II	IV	Core Subject Geomorphology and Oceanography	50	20	30	100
5	B.A. Part III	V	Elective Subject I) Geography of Maharashtra II) Bio Geography III) Geography of Tourism	50	20	30	100
6	B.A. Part III	VI	Elective Subject I) India – A Geographical Analysis II) Cultural Geography III) Geography of Health	50	20	30	100
				300	120	180	600


Off. Principal
Nejrabai Hitkarini College
Bramhapuri, Distt. Chandrapur


Head
Department of Geography
N. H. College, Bramhapuri

Gondawana University, Gadchiroli

B. A. Geography

Semester- I (Core Subject)

Semester Exam: 50 Marks

Internal Assessment : 20 Marks

Introduction to Geography

Unit - I

The Nature of Geography - Meaning, Definition, Scope, Approach, Objectives, Relevance and Development of Geography; Place of Geography in the Classification of Sciences; Branches of Geography; Geography and other disciplines.

Unit - II

The Physical Dimension in Geography; The Universe; The Solar System; Earth as an Unique Planet; Phases of Moon; The Earth Movement; Shape of the Earth; Latitudes; Longitudes & Time zones and time calculation.

Unit - III

Geography as a study of Environment; Man-Environment; Ecology and Ecosystem; Environmental determinism, Possibilism, Neo-determinism; Dualism in geography- Systematic / Regional, Physical / Human; Complementarity.

Unit – IV

A brief Historical overview of Geography as a discipline; Recent Trends in Geography with special reference to India; Imperatives for the future; Modern Concepts in Geography; Career Opportunities for Geographers.

SEMESTER 1
Practical Geography

Marks: 30

Unit I:

Meaning Definition; Nature & Scope of Cartography. Globe & Maps, Essentials of Maps; History of Map-Making; Types & Uses of Maps.

Unit II:

Scale;

- a) Linear scale
- b) Comparative scale: Time and Distance
- c) Diagonal scale
- d) Conversion of Scale: Statement to R. F. & R. F. to Statement; Simple,

Unit III

Statistical Method

- a) Tabulation, Seriation and frequency distribution
- b) Measurers of central tendency: Mean Median and Mode

Plan of Practical Examination

The Following plan will be strictly followed to test the skill developed by the students.

- | | |
|--|-----------|
| 1) Introduction to Cartography | (5 Marks) |
| 2) Scale | (5 Marks) |
| 3) Statistical method – Tabulation | (5 Marks) |
| 4) Statistical method – central tendency | (5 Marks) |
| 5) Viva-vice | (5 Marks) |
| 6) Practical Records, Attendance and Punctuality | (5 Marks) |

Gondwana University, Gadchiroli

B. A. Geography

Semester-II (Core Subject)

Semester Exam: 50 Marks

Internal Assessment : 20 Marks

Climatology

Unit I

Meaning & Scope and significance of Climatology; Atmospheric composition and structure; Elements of Weather and Climate; Insolation: Determinants & Distribution; Global energy Budget.

Unit II

Temperature: Factors, Distribution and Processes of Heating & Cooling of the Atmosphere. Atmospheric pressure and wind; Vertical and Horizontal Distribution of pressure; Planetary, Periodic and local wind, Monsoon.

Unit III

Atmospheric Moisture, Humidity, Evaporation and Condensation; Precipitation: Forms & Types; Rainfall; Air Masses and Fronts,; Concepts, Classification and Properties.

Unit IV

Atmospheric disturbances; Cyclones: Tropical & Temperate; Anticyclones, Thunderstorms and Tornadoes; Climatic Classification: Koppen & Thornthwaite; Role of climate in human life; Global Warming- General causes, Consequences and Measures of control.

SEMESTER II
Practical Geography

Marks: 30

Unit I

Preparation of climatic maps and diagrams -

- a) Preparation of Isopleths showing temperature, pressure and rainfall. (Each Two Examples)
- b) Construction of Histogram, Hythergraph and Windrose Diagram.

Unit II

Study of Indian daily Weather Maps: Showing summer, Rainy season and winter condition.

Unit III

Surveying – Meaning Survey by chain, Preparation of field book and plotting from the field book. Open and Close traverse.

Unit IV

Study of following weather instruments:

- a) Maximum And minimum thermometer
- b) Barometer
- c) Dry and Wet Bulb Thermometers
- d) Rain Gage and Anemometer

Plan of Practical Examination

The Following plan will be strictly followed to test the skill developed by the students.

- 1) Preparation of climatic maps and diagrams
 - a) Isopleths (4 Marks)
 - b) Diagrams (4 Marks)
- 2) Study of Indian daily Weather Maps (4 Marks)
- 3) Surveying (4 Marks)
- 4) Weather instruments (4 Marks)
- 5) Viva-vice (5 Marks)
- 6) Practical Record, Attendance and Punctuality (5 Marks)

THEORY PAPER SEMESTER III (Core Subject)
GEOMORPHOLOGY

UNIT -1

Definition, Nature and Scope of Geomorphology, Place of Geomorphology in physical Geography', Interior of Earth, Earth movements.

UNIT -2

Continental Drift Theory by Wagner, Plate Tectonics, Isostasy, Earthquakes and Volcanoes .

UNIT -3

Weathering Process, Types of weathering and related landforms, Rocks : Origin and composition of rocks ;Types of Rocks.

UNIT -4

Work of River: Erosion, Transportation and Deposition and associated landforms. Types of streams and drainage pattern, Concept of cycle of erosion, interruption of cycle of erosion / Rejuvenation and associated features.

**PRACTICAL
SEMESTER-III**

1. Preparation of relief maps and diagrams

(a) Drawing of various topographical features by using contours.

(b) Study of at least five contour maps representing different relief features with the help of profiles.

2. Study of Indian Topographical maps

Plains, Plateau and Mountain region.

3. Plane Table survey -Radiation and intersection methods

(At least four plans)

4. Viva -Vice practical record

PLAN OF PRACTICAL EXAMINATIONS

The following-e plan is strictly followed to test the skill develop by the students

UNITS	QUESTIONS	MARKS
1. Relief Maps	a) Drawing of topographical feature by using contours	4
	b) identification of features on contour maps & drawing of profile	6
2. Topographical Maps	interpretation of topographical maps	8
3. Plane Table	Plane Table survey and preparation of map	7
4. Record	Viva Voice on practical record	5

THEORY PAPER SEMESTER – IV (Core Subject)

Geomorphology and Oceanography

UNIT -1

Glaciers -their type -work of erosion and deposition - landforms associated with the work of valley glaciers. Work of wind in arid regions -landforms developed due to erosional and depositional work of wind.

UNIT -2

The work of underground water, karst topography .

Work of sea waves in coastal regions -landforms developed due to erosional and depositional work of sea

UNIT -3

Definition of oceanography .Surface configuration of ocean floor, continental shelf, continental slope, abyssal plain, mid -oceanic and oceanic ridges and trenchers

Distribution of temperature and salinity of oceans and seas .

UNIT-4

Circulation of oceanic waters :Waves, tides and currents ; Al Nino, LA Nina

Coral Reefs, Oceans as storehouse of resources for the future'

PRACTICAL SEMESTER-IV

1. Construction, Merits, Demerits, characteristics and uses -

A)

1. Zenithal stereographic projection - The Polar case
2. Zenithal Gnomonic projection - The Polar case
3. Simple conical with one standard parallel
4. Simple conical with two standard parallel

B)

1. Bonne's conical projection.
2. Simple cylindrical projection
3. Cylindrical equal area projection.

2. Statistical methods -Measuring of dispersions –

- a. Mean deviation
- b. Quartile Deviation.
- c. Standard Deviation.

3. Viva Vice on practical record

PLAN OF PRACTICAL EXAMINATIONS FOR SEMESTER - IV

UNITS	QUESTION	MARKS
1. Projections	A) Construction of Projection, Merits, demerits & Uses	7
	B) Construction of Projection, Merits, demerits & Uses	8
2. Statistical methods	Two problems on any two methods	10
3. Viva Voice	Viva Voice on practical record	5

THEORY PAPER SEMESTER V
Geography of Maharashtra (Elective Paper I)

Unit I – Maharashtra – Location, Physiographic Division, Administrative Division, Drainage Pattern in Maharashtra.

Unit II – Climate – Rainfall Distribution – characteristics, climatic Regions, forest – types and distribution, economic importance.

Unit III – Agriculture in Maharashtra – major crops, (Rice, Wheat, Sugercane, Cotton). Minerals and power resources (Iron – ore, Manganese and coal)

Industries – Agro based – cotton textile and sugar.

Unit IV – Spatial distribution of population and density – affecting factors, rural – urban migration – causes and effects.

**PRACTICAL
SEMESTER-V**

- Unit –I :** Enlargement & Reduction by Graphical Methods (Atleast two of each methods.)
- Unit – II :** Basic principles of land surveying
Prismatic compass survey
- a) Correction of bearing
 - b) Open and close traverse (Atleast two of each methods)
 - c) Closing of error (By Browditch Methods – graphical)
- Unit – III :** Types Cartographic symbol and their uses
- a) Use of line and Bar graph for representing population, agriculture, Industry and transport data. (Simple, Compound and Multiple)
 - b) Divided rectangle & circles.
- Unit – IV :**
Population pyramids.(Simple, superimposed & compound)
- Unit – V :**
Preparation of Maps
Representation of population & economics data
Choropleth maps & dot methods.
- Unit – VI :**
Viva- Voce & Practical.

Plan of Practical Examination:

Unit I :	Enlargement and Reduction	5 marks
Unit II :	A Prismatic Compass survey	
	a. Calculation of Reduced level	4 marks
	b. Drawing of Profile	4 marks
Unit III :	Preparation of Maps and Diagram	
	a. Line or Bar graph	
	Divided rectangle or circle	4 marks
Unit IV :	Population Pyramids	4 marks
Unit V :	Preparation of Maps	4 marks
Unit VI :	Viva-voice	3 marks
	Practical record	2 marks

Total 30 marks

THEORY PAPER SEMESTER VI

India – A Geographical Analysis (Elective Paper I)

Unit I – Location and extent – The physiographic Division, Rivers – major Division of Indian Rivers.

Unit II – India Climate - characteristics of Indian climate, monsoon, Rainfall Distribution, climatic Regions.

Unit III – Mineral (Iron-ore, Manganese) and power resources (Coal, petroleum, hydro-electricity) their distribution.

Unit IV – Spatial distribution of population and density, population problems in India, Nature of Urbanization, problems of Urbanization in India.

Agriculture – Importance of Agriculture in Indian Economy, characteristics, problems of Indian Agriculture.

**PRACTICAL
SEMESTER-VI**

Unit – I :

Introduction to modern techniques (on theoretical base): Remote sensing as a tool for data generation and mapping. GIS and Computer.

Unit – II :

Leveling – use of Dumpy level in the field problem on leveling:-

- a) Preparation of field Book (Collimation and Rise & Fall Methods)
- b) Drawing of Profile.

Unit – III :

Meaning and Computation of correlation coefficient by Pearson’s and Spearman’s method (Atleast two exercise of each)

Unit - IV: Field work and Field Report

A Short field study – a socio-economic survey of a small village.

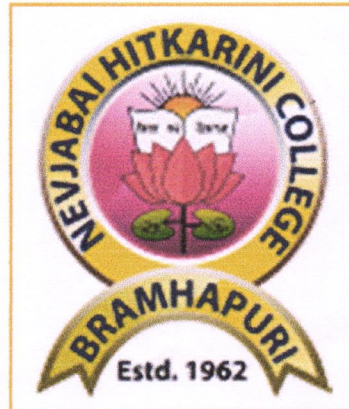
Unit – V :

Viva-voce & Practical Record.

Plan of Marks of Practical Examination:

Unit I : Introduction to Modern Techniques (Any Two) three marks each	6marks
a) Computer b) Remote Sensing c) GIS	
Unit II : Problem of leveling.	
c. Calculation of Reduced level	4 marks
d. Drawing of Profile	4 marks
Unit III : Computation of correlation	6 marks
Unit IV : Socio Economics Survey report	5 marks
Unit VI : Viva-voice	3 marks
Practical record	2 marks
Total 30 marks	

Nevjabai Hitkarini College, Bramhapuri



Department of Zoology


Bridge Course

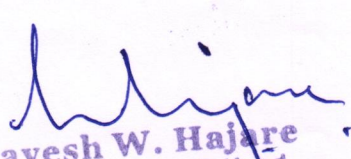
2022-23

N. H. College, Bramhapuri
Department of Zoology

AIM AND OBJECTIVES

	Marks			The (Module & Unit)	Unit	Module No.
	Total	PE	TE			
01)						
02)						
03)						
04)						
05)						

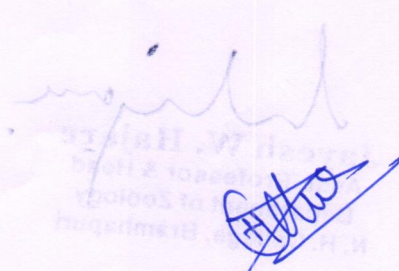

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 Department of Zoology
 N. H. College, Bramhapuri

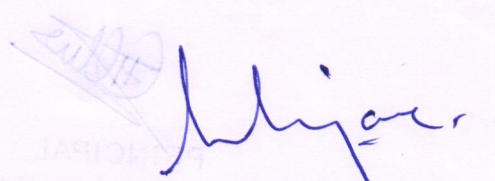
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Department of Zoology

The Number of **Modules**, Course Code Number, Marks assigned and Credits earned for
“Bridge Course” in Zoology.

Module No.	Unit	Title (Module & Unit)	Marks		
			TE	PE	Total
001	I	Systematics	20	00	20
002	II	Physiology and Biochemistry.	20	00	20
003	III	Genetics, Cell and Molecular Biology.	20	00	20
004	IV	Ecology and Evolution	20	00	20
				20	80
			Total		100



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N. H. College, Bramhapuri

Zoology bridge course Syllabus

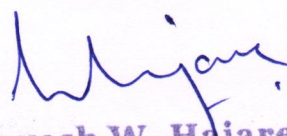
To be implemented from the academic year 2017-2018

Course code	Unit	Topic Headings	Time
		Theory	
	I	Systematics Kingdom Protista- Salient features of Protozoa; Kingdom Animalia-Introduction to different Phyla: Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Chordata.	
	II	Physiology and Biochemistry Introduction to organ systems-Digestive, Respiratory, Circulatory, Excretory, Skeletal, Muscular, Nervous, Endocrine and Reproductive system; Introduction to Biomolecules.	
	III	Genetics, Cell and Molecular Biology Brief introduction-Mendel and his experiments, Cell Organelles, Central dogma of Molecular Biology – Replication, Transcription, Translation.	
	IV	Ecology and Evolution Brief description-Different ecosystems, origin and evolution of life.	
		Practical's	
		Safety Cleanliness and hygiene of laboratory and ourselves. Working use and care of microscopes. Demonstration of various lab instruments. Demonstration of museum specimen.	



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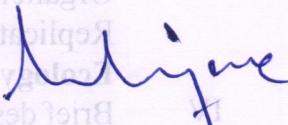


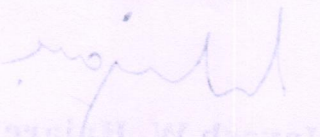
Jayesh W. Hajare
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Department of Zoology
N. H. College, Bramhapuri


Scheme for Implementation of "Bridge Course" in Zoology (BRC in Zoology): -

Time	Topic Headings	Unit	Course code
01)	BRC in Zoology will consist of 05 Modules namely BRC ZOO 001/002/003/004 ; each carrying 20 Marks and Practical (05) Carrying 20 Marks.		
02)	BRC in Zoology will have a total of 100 Marks.		
03)	Students, enrolled for B.Sc.-Part I in Zoology. such students shall have to complete the relevant module.		
04)	Teaching of BRC in Zoology will be conducted in the N.H. College through contact hours for lectures and/ or self-study by students, as per the allotted time table of the Zoology Dept.		


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Scheme for Examination for BRC in Zoology: -

General Instructions: -

- 01) 05 Modules of BRC in Zoology shall carry a total of 100 Marks comprising 80 Marks in theory papers and 20 Marks in practical exam.
- 02) Examination of BRC in Zoology (Theory Papers and practical marks) shall be conducted by the Dept. of Zoology of N.H College.
- 03) Paper-setting, evaluation and declaration of results will be entrusted entirely internally to the Dept. of Zoology of N.H College.
- 04) The result of the Bridge Course is announced after the 15 days of examination. Students shall be communicated to the Head dept. of Zoology.

II) Scheme for Theory Examination (TE)

- 01) Theory Examinations under each Module shall carry 20 Marks.
- 02) Duration of Theory examination shall be of 1 Hrs.
- 03) Each Theory Paper shall consist of 50 multiple choice Questions carrying a 02 Marks each, out of which any 40 questions are compulsory. each based on respective units as follow.

Scheme for Examination for BRC in Zoology:-

- 04) Paper – setting of all 01 theory papers under 04 modules will be done by the Head of the Dept. of Zoology in N.H college with the help of teaching and non-teaching staff of Zoology department.
- 05) The schedule of theory examination (Time Table) and results (Marks of TE & IE) shall be communicated to the Head of the Department.
- 06) Under any circumstances, there shall be “No RE-EVALUATION” for TE and/ or IE.

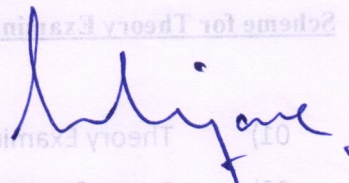
III) Passing Standards

- 01) For passing Bridge Course in Zoology the candidate must score: -
- a) Minimum 40% marks are required to pass the exam. Individually in theory and practical.



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Bramhapuri, Dist. Chandrapur-441206



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Nevjabai Hitkarini College, Bramhapuri

Department of Zoology

Session- 2022-2023

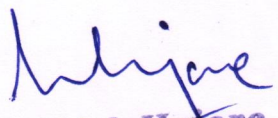
NOTICE

All the teaching staff and Non-teaching staff of the department are here by inform that they should attend the meeting related to Bridge course for B. Sc. - I (Semester-I) year student which is scheduled on 15th July 2022 at 12:00 pm. In the department to discuss the following agenda.

1. Schedule of bridge course
2. Syllabus design
3. Enrollment of students
4. Time table
5. Distribution of work load
6. Preparation of paper module as per syllabus.



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Bramhapuri, Dist. Chandrapur-441206

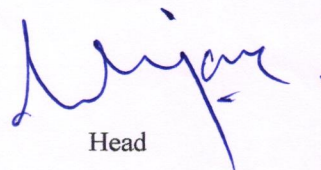


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

N. H. College, Bramhapuri
Department of Zoology
Academic Session : 2022-23
Time Table for Bridge Course Class
Duration: 18/ 07/ 2022 - 30/07/2022
Class- B. Sc. -I

TIME	9:54 am to 10:42 am	10:42 am to 11:30 am
DAY	1	2
Monday		DGA
Tuesday		DGA
Wednesday		
Thursday		
Friday	JWH	
Saturday	JWH	

Date : 15 / 07 / 2022



Head

Department of Zoology
Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri



PRINCIPAL

Navjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206

N. H. College, Bramhapuri
Department of Zoology
Bridge Course
2023-24

Unit Test

Date: 05/08//2023

SN	Name of Student	Marks 40 out of	Signature
1)	Smruti Raju Shankule		<u>Shankule</u>
2)	Pranay Mukharu Bhoyar		<u>Pranay</u>
3)	Dhananjay Gajanan Sonwane		D.G. Sonwane
4)	Sangharsh Anil Lonbale		<u>Sangharsh</u>
5)	Gaurav Karlash Mohule		<u>Gaurav</u>
6)	Devanand Gowardhan Chanekar		D.U. Chanekar
7)	Mohit Dakram Mule		<u>Mohit</u>
8)	Vivek Wasudev Valisgaude		<u>Vivek</u>
9)	Kalpan Diwakar Tembhurne		<u>Kalpan</u>
10)	Aditya Rajendra Sakharakar		<u>Aditya</u>
11)	Diya Diwakar Karankar		<u>Diya</u>
12)	Vaishnavi Sudhit Thengare		<u>Vaishnavi</u>
13)	Chetana Dhanpal Bhanarkar		<u>Chetana</u>
14)	Rutuja Ravindra Thakare		<u>Rutuja</u>
15)	Punam Sambhaji Nagmoti		P.S. Nagmoti
16)	Puja Devrav Pal		<u>Puja</u>
17)	Nisha Vinod Bulle		<u>Nisha</u>
18)	Tejasvini Bandu Ghongade		<u>Tejasvini</u>
19)	Prasali Sunjay Raut		<u>Prasali</u>
20)	Shital vijay Vinewar		<u>S.V. Vinewar</u>

N. H. College, Bramhapuri

Department of Zoology

Attendance B. Sc. I Sem I (Bridge Course -2022-23)

SN	Name of Students	18/07 2022	19/07 2022	22/07 2022	23/07 2022	25/07 2022	26/07 2022	29/07 2022	30/07 2022	01/08 2022	02/08 2022	05/08 2022
1	AMAN SUBHASH MESHRAM	Amny.	Amny.		Amny.	Amny.	Amny.	Amny.	Amny.	Amny.	Amny.	Amny.
2	GAURI SADASHIV LENGURE	Gengre	Gengre	Gengre		Gengre	Gengre	Gengre	Gengre	Gengre	Gengre	Gengre
3	KETAKI VINOD HATWADE	Hatwade	Hatwade	Hatwade		Hatwade	Hatwade	Hatwade	Hatwade	Hatwade	Hatwade	Hatwade
4	MAHEK JAVEDALI SAYYED	Mahab	Mahab	Mahab		Mahab	Mahab	Mahab	Mahab	Mahab	Mahab	Mahab
5	MOHIT GIRIDHAR ZODE	M G Zode	M G Zode		M G Zode	M G Zode	M G Zode	M G Zode		M G Zode	M G Zode	M G Zode
6	NEHA GANGADHAR DESHMUKH	Neha	Neha	Neha		Neha	Neha	Neha	Neha	Neha	Neha	Neha
7	PAWAN DILIP KUMARE	Pakumar		Pakumar	Pakumar	Pakumar	Pakumar	Pakumar	Pakumar	Pakumar	Pakumar	Pakumar
8	PAWAN MARKUS TIGGA	Pigga	Pigga		Pigga	Pigga			Pigga			
9	PRAGATI RAJKUMAR GADGE	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge	Pgadge
10	PRANAV SUDHAKAR KANNAKE	Pkanake		Pkanake	Pkanake	Pkanake		Pkanake	Pkanake	Pkanake	Pkanake	
11	PRATIKSHA PRAFUL HULKE	Pahulke	Pahulke	Pahulke		Pahulke		Pahulke	Pahulke	Pahulke		
12	PRATIKSHA VIJAY SURANKAR	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar	Psurankar
13	RUTUJA RATAN WALDE	Rwalde		Rwalde	Rwalde	Rwalde	Rwalde	Rwalde	Rwalde	Rwalde	Rwalde	Rwalde
14	SANIYA NANDKISHOR PILARE	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare	Spilare
15	SANIYA SAINATH JUMNAKE											

16	SIMRAN MAHENDRA KHAPARDE	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>	<u>S.M.K.</u>
17	SWARUP DNYANESHWAR MAIND	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>	<u>S.M.</u>
18	TRUSHNA LOKNATH BORKAR	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>	<u>T.L.Borkar</u>
19	UTKARSH TARACHAND MHASHAKHETRI	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>	<u>U.T.</u>
20	ACHAL SHRIDHAR THAWARE	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>	<u>A.S.</u>
21	ADITI NATHUJI KUMARE	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>	<u>A.N.</u>
22	AISHWARYA RAVINDRA ZARKAR	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>	<u>A.Z.</u>
23	AKANKSHA SHANKAR WATGURE	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>	<u>A.W.</u>
24	AKSHAY DHANIRAM KOLHE	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>	<u>A.K.</u>
25	ANIKET RAVINDRA THENGARI	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>	<u>A.T.</u>
26	ANURAG PRAMOD YERME	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>	<u>A.Y.</u>
27	APRAJITA VIJAY MARGONWAR	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>	<u>A.V.</u>
28	ASHFEEN ATAULMUSTAFA ANSARI	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>	<u>A.A. Ansari</u>
29	ASHUBH DILIP BHARRE	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>	<u>A.B.</u>
30	BHAIRAVI CHHAGAN PRADHAN	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>	<u>B.P.</u>
31	BHUMESHWARI PRAKASH TUPAT	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>	<u>B.P. Tupat</u>
32	CHAITANYA DILIP RAUT	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>	<u>C.R.</u>
33	CHAKRADHAR SUDHIR RAUT	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>	<u>C.S.</u>

34	CHARITRA ISHWAR BANPURKAR	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>	<i>Charitra</i>
35	CHETALI RAMKRUSHNA DUDHAKUWAR	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>	<i>Chetali</i>
36	CHITRANGANA SHASHIKANT MESHRAM	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>	<i>Chitran</i>
37	DHAWAL DHANRAJ THAKARE	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>	<i>Dhawal</i>
38	DISHA BALIRAM BHANARKAR	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>	<i>Disha</i>
39	DISHA DHANRAJ AMBADE											
40	GAYATRI MUKHARU CHACHANE											
41	ISHA MANIK VAIDYA	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>	<i>Isha</i>
42	JAYESH GAJANAN LENGURE	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>	<i>Jayesh</i>
43	KAJAL BHARAT KUTHE	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>	<i>Kajal</i>
44	KAJAL PALAKDAS KUTHE											
45	KALYANI KISHOR BORKAR	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>	<i>Kalyani</i>
46	KANAK SUMANTKUMAR DAHIWALE	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>	<i>Kanak</i>
47	KETAN DILIP KARKADE	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>	<i>Ketan</i>
48	KIRTI RAMDAS BOKADE											
49	KOMAL RAJESHWAR MESHRAM	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>
50	KOMAL RAVI TUPATE	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>
51	KRISHNA HIRAMAN MHASKE	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>
52	KUMUDINI SANJAY BANGARE											

53	LALKRUSHNA SULKSHAN NANDANWAR	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>	<u>L.Nandannar</u>
54	LAXMI MORESHWAR NIMJE	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>	<u>L.Nimje</u>
55	MAHESHWARI MADHUSUDAN SAHARE	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>	<u>M.Sahare</u>
56	MAMTA NATTHU KUMARE	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>	<u>M.Kumare</u>
57	MAYURI RAJENDRA CHAUDHARI	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>	<u>M.Chaudhari</u>
58	MONALI GURUDEO MOHANE	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>	<u>M.Mohane</u>
59	NAMRATA PADMAKAR SIDAM	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>	<u>N.Sidam</u>
60	NIKHIL HEMRAJ VAIRAGADE										
61	NIKHITA RAJU DONADKAR										
62	NIKITA PRADIP MESHAM	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>	<u>N.Mesham</u>
63	NIKITA RAMESH RAUT	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>	<u>N.Raut</u>
64	NIKITAI RAJU SHENDE										
65	PALLAVI RAJENDRA BURADE	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>	<u>P.Burade</u>
66	PRACHI OMDEO DONADKAR										
67	PRAGATI RAVINDRA MESHAM	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>	<u>P.Mesham</u>
68	PRAJAKTA PRABHAKAR TORE										
69	PRANJALI DNYANESHWAR PRADHAN	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>	<u>P.Pradhan</u>
70	PRATIKSHA DADAJI KULE	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>	<u>P.Kule</u>

71	PRATIKSHA RUSHI MESHAM	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>	<u>Pratiksha Mesham</u>
72	RIDDHI BHASHKAR BANSOD	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>	<u>Ransod</u>
73	RUKHSARBANO KASAMALI SAIYYAD											
74	SAGAR MORESHWAR PARDHI	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>
75	SARANG DNYANESHWAR THAKARE	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>	<u>Sarng</u>
76	SAYLI PRAKASH BURADE											
77	SHARAD DILIP ADKINE	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>	<u>Sharad</u>
78	SHARVARI RAVINDRA KARKADE	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>	<u>Sharvare</u>
79	SHITAL HOMRAJ BHAJIPALE	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>
80	SHREYA VILAS SAMARTH	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>	<u>S.V. Samarth</u>
81	SHRUTI BISAN BHONDE	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>
82	SHRUTI NILKANTH WAKEKAR	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>	<u>Shrutire</u>
83	SHUBHANGI DILIP SURPAM	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>	<u>Shubhangi</u>
84	SIDDHI BHASHKAR BANSOD	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>	<u>Bansod</u>
85	SIMRAN BHAGWAT MOHARKAR											
86	SNEHA PRABHAKAR PAL	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>
87	SONU DHANARAJ DUDHAKUWAR											
88	SRUSHTI SUKHANATH BAKDA	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>

89	SWATI SUDHAKAR DHANDARE	Dhandare	Dhandare	Dhandare	Dhandare	Dhandare	Dhandare	Dhandare	Dhandare	Dhandare
90	TANZILA MATIN PATHAN									
91	TRUPTI ANTARAM MANKAR	Mankar	Mankar	Mankar	Mankar	Mankar	Mankar	Mankar	Mankar	Mankar
92	TRUPTI ARVIND SHASTRAKAR									
93	TRUPTI PURUSHOTTAM DONADKAR	Donadkar	Donadkar	Donadkar	Donadkar	Donadkar	Donadkar	Donadkar	Donadkar	Donadkar
94	TRUSHNA RAJU MESHRAM	Mesram	Mesram	Mesram	Mesram	Mesram	Mesram	Mesram	Mesram	Mesram
95	VAISHNAVI RAMRATAN RAUT	Raut	Raut	Raut	Raut	Raut	Raut	Raut	Raut	Raut
96	VISHAL MUKHARU BORKAR									
97	Achal G. Bhute									
98	Achal J. Deshmukh									
99	Anjali K. Jibhakate									
100	Anjali N. Dupare									
101	Anjali R. Tupat									
102	Archana P. Selokar									
103	Dhanvijay S. Nannaware									
104	Durga D. Thakre									
105	Gayatri S. Shrirame									
106	Gulafsha H. Sheikh									
107	Guneshwari B. Tarare									

Name: _____ Class: _____ Date: _____

N. H. College, Bramhapuri

Department of Zoology

Bridge Course Question paper

2022-23

Time: 1 Hrs.

Max. Marks:80

Note: Solve any 40 Question

Each Question carry 2 Marks


Use (✓) Mark for Correct Answer

- Que. 1. During cell-cycle the duration of which of the following phases is the shortest?
- A) Mitosis
B) G. phase
C) S phase
D) G2 phase
- Que. 2. In origin, the choanocytes, the flagellated cell present in the radial canal of sponges, are
- A) Ectodermal
B) Mesodermal
C) Endodermal
D) Mesenchymal
- Que. 3. Which one of the following is the main constituent of pearl?
- A) Calcium carbonate
B) Magnesium carbonate
C) Calcium oxide
D) Magnesium sulphate
- Que. 4. Which one of the following is not under the direct control of pituitary gland with respect to the regulation of its secretory function?
- A) Adrenal cortex
B) Adrenal medulla
C) Thyroid
D) Testis
- Que. 5. Which one of the following increases the uptake of sodium ions and water in the kidney with simultaneous elimination of potassium ions?
- A) Vasopressin
B) Renin
C) Parathormone
D) Alsosterone
- Que. 6. Study of human population is
- A) demography
B) chronology
C) population science
D) None of these



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Que. 7. Gene is

- A) a segment of DNA
B) a segment of DNA and histone
C) a segment of DNA, RNA and histone
D) All of the above

Que. 8. Down's syndrome has karyotypic make up as

- A) 44 + XXX
B) 44 + XXY
C) 45 + XY or 45 + XX
D) 44 + XY or 44 + XX

Que. 9. Barr body is associated with

- A) female autosomes
B) female autosome as well as sex chromosomes
C) allosomes of male and female
D) female sex chromosomes

Que. 10. In which blood group antibodies are absent

- A) A
B) B
C) O
D) AB

Que. 11. The primitive earth conditions were experimentally shown by

- A) Urey
B) Miller
C) Both (a) and (b)
D) Oparin

Que. 12. Who first coined the term "Survival of the fittest"?

- A) Herbert and Spencer
B) Darwin
C) Lamarck
D) Carl Linnaeus

Que. 13. According to Darwin, the fitness refers to

- A) physical fitness
B) reproductive fitness
C) environmental fitness
D) all of these

Que. 14. The causative agent of tuberculosis is

- A) *Salmonella*
B) *Pneumococcus*
C) *Streptomyces*
D) *Mycobacterium*

Que. 15. *Entamoeba histolytica* is a human parasite usually found in

- A) intestine
B) liver
C) blood
D) mouth

- Que. 16. Infection of *Ascaris* usually occurs by
- A) eating imperfectly cooked pork B) tse-tse fly
 C) mosquito bite D) drinking water containing eggs of *Ascaris*
- Que. 17. The term 'humour' refers to
- A) bone marrow B) plasma and lymph
 C) all internal tissues D) all subcutaneous tissues
- Que. 18. Basic shape of antibody resembles
- A) g B) p
 C) Y D) H
- Que. 19. Viruses are
- A) intracellular, obligate parasites B) intercellular, obligate parasite
 C) intracellular, facultative parasites D) intercellular, facultative parasites
- Que. 20. Bacteria that use light for their energy source and CO_2 for their carbon source are called
- A) photoautotrophs B) photoheterotrophs
 C) chemoheterotrophs D) chemoautotrophs
- Que. 21. Hierarchy of categories was introduced by
- A) Linnaeus B) de Candolle
 C) Bauhin D) John Ray
- Que. 22. The term 'Species' was given by
- A) John Ray B) Linnaeus
 C) Darwin D) Aristotle
- Que. 23. Which one of following shows saprophytic mode of nutrition?
- A) Fungi B) Cyanobacteria
 C) Viruses D) All of these
- Que. 24. Whom of the following discovered virus?
- A) Leeuwenhoek B) AP de Candolle
 C) Dimitri Ivanowsky D) KM Smith

Que. 25. Kingdom-Protista includes

- A) unicellular eukaryotes
- B) Colonial eukaryotes
- C) Both (A) and (B)
- D) multicellular eukaryotes

Que. 26. The mode of locomotion in diatoms is

- A) Cilia
- B) Gliding
- C) Pseudopodia
- D) Flagella

Que. 27. Protist obtain their food as

- A) photosynthesisers only
- B) chemosynthesisers
- C) heterotrophs only
- D) Both (A) & (C)

Que. 28. Which of the following is not a character of Protista?

- A) Protists are prokaryotic
- B) Some protist has cell wall
- C) Mode of nutrition is both autotrophic and heterotrophic
- D) Body organization is cellular
- E) Membrane bound organelles are present in cells

Que. 29. Pentaradial symmetry is found in

- A) *Hydra*
- B) *Schistoma*
- C) *Taenia*
- D) *Fasciola*

Que. 30. Cell tissue grade organization occurs in

- A) *Hydra*
- B) Sponge
- C) Starfish
- D) Liverfluke

Que. 31. Method of reproduction in Amoeba is

- A) Locomotion
- B) Sporulation
- C) Encystement
- D) Binary fission

Que. 32. Nutrition in Entamoeba is

- A) Saprophytic
- B) Autotrophic
- C) Chemotrophic
- D) Parasitic

Que. 33. Pectoral girdle constitutes

- A) Scapula and clavicle B) Radius and ulna
C) Ilium and ischium D) Maxilla and mandible

Que. 34. Hemoglobin is

- A) An Oxygen carrier in human blood B) A protein used as food supplement
C) An Oxygen scavenger in root nodules D) a plant protein with high lysine content

Que. 35. Which of the following parts of a neuron is covered by fatty sheath?

- A) Axon B) Cyton
C) Dendrite D) Node of Ranvier

Que. 36. The gland which performs both endocrine and exocrine function is

- A) Adrenal B) Thyroid
C) Pancreas D) Pituitary

Que. 37. The Golgi complex plays a major role

- A) In trapping the light and transforming it into chemical energy
B) In digesting proteins and carbohydrates
C) As energy transferring organelles
D) In post translational modification of proteins and glycosylation of lipids

Que. 38. Protein synthesis takes place in

- A) Ribosomes B) Chloroplasts
C) Mitochondria D) Golgi bodies

Que. 39. Plasma membrane is made up of

- A) Lipid, Protein and Water B) Lipid, Protein and Manganese
C) Lipid and Carbohydrate D) Lipid, Protein and Carbohydrate

Que. 40. RNA and DNA are similar in

- A) Having similar sugars B) Having similar pyrimidine bases
C) Being capable to replicate D) Being polymers of nucleotides

Que. 41. An organic substance bound to an enzyme and essential for its activity is called

- A) Coenzyme (B) Holoenzyme (C) Apoenzyme (D) Isoenzyme

Que. 42. Holoenzyme is

- A) Non-protein and Apoenzyme
- B) Protein and Apoenzyme
- C) Enzyme protein and Coenzyme
- D) Enzyme non-protein and Coenzyme

Que. 43. Which one is the sweetest sugar?

- A) Glucose
- B) Fructose
- C) Sucrose
- D) Maltose

Que. 44. The simplest amino acid is

- A) glycine
- B) lysine
- C) tyrosine
- D) aspartic acid

Que. 45. Chromosomes which determine the sex of an individuals are called

- A) Autosomes
- B) Lysosomes
- C) Heterosomes
- D) peroxysomes

Que. 46. In which phase, DNA content will be double?

- A) Interphase
- B) Anaphase
- C) Prophase
- D) Telophase

Que. 47. Salivary amylase, a digestive enzyme begins digestion of

- A) Carbohydrates
- B) Fats
- C) Proteins
- D) All of these

Que. 48. Argentaffin cells in human beings are found in

- A) Small intestine
- B) Stomach
- C) Large intestine
- D) Liver

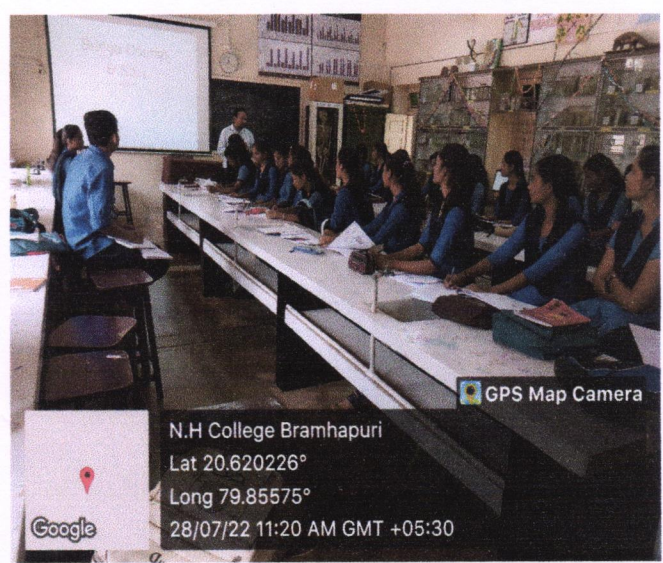
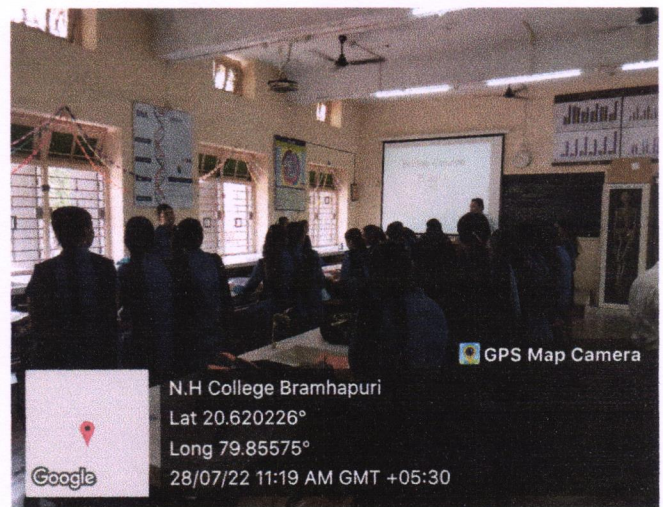
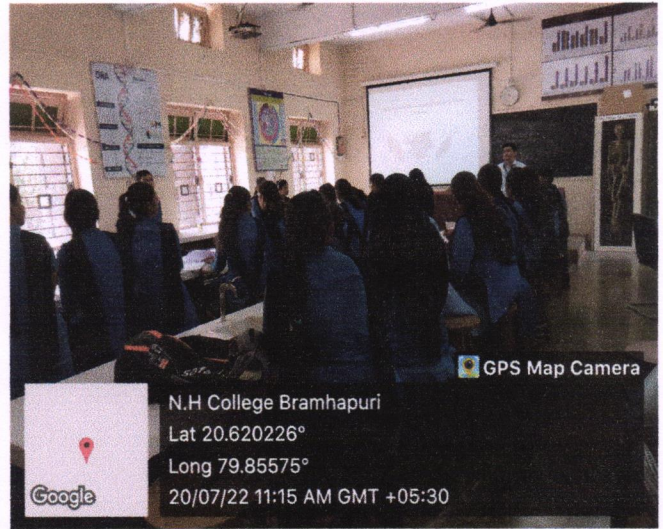
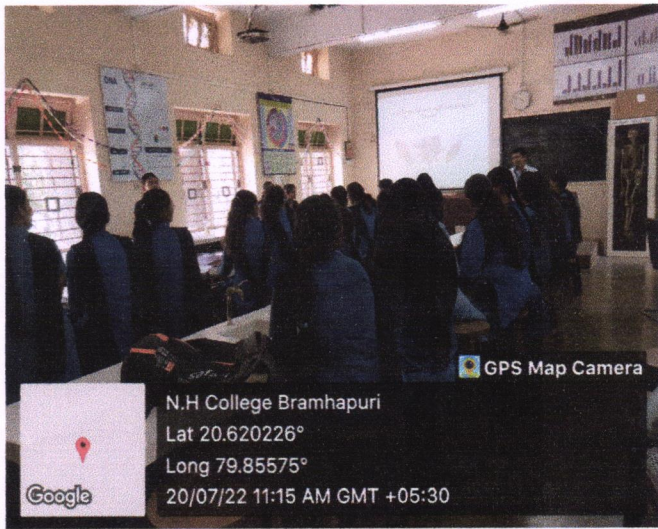
Que. 49. During inspiration, the diaphragm

- A) Expands
- B) Shows no change
- C) Contracts and flattens
- D) Relaxes to become dome-shaped

Que. 50. Radius is a bone founds in

- A) Arms
- B) Legs
- C) Pelvic girdle
- D) None of the above

N. H. College, Bramhapuri
Department of Zoology
Bridge Course (2022-23)



Name: _____ Class: _____ Date: _____

N. H. College, Bramhapuri
Department of Zoology
Bridge Course Question paper
2022-23

Time: 1 Hrs.

Max. Marks:80


Note: Solve any 40 Question

Each Question carry 2 Marks

Use (✓) Mark for Correct Answer.

- Que. 1. The phylogenetic system of classification was put forth by
- A) Carolus Linnaeus B) George Bentham and Joseph Dalton Hooker
- C) Aristotle D) Theophrastus
- Que. 2. Who proposed a five-kingdom classification and named kingdoms as Monera, Protista, Fungi, Plantae and Animalia?
- A) Herbert Copeland B) RH Whittaker
- C) Carl Woese D) Carolus Linnaeus
- Que.3. Monera devoid of cell wall are
- A) eubacteria B) mycoplasma
- C) cyanobacteria D) actinomycetes
- Que. 4. Bacteria differ from plants in that they do not have
- A) DNA B) RNA
- C) Cell wall D) a well define nucleus
- Que. 5. The main difference between Gram-positive and Gram-negative bacteria is in these
- A) cell membrane B) cell wall
- C) ribosome D) Mitochondria
- Que. 6. Extrachromosomal material of bacteria is found as
- A) Circular DNA B) Extrachromosomal DNA
- C) Plasmid D) All of these
- Que. 7. In bacteria, respiration occurs in
- A) Cytoplasmic membrane B) Mitochondria
- C) Nuclear membrane D) Endoplasmic reticulum


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Que. 8. Flagella are absent in

- A) Slime moulds
- B) Diatoms
- C) *Euglena*
- D) Protozoans

Que. 9. Organization found in Protista is

- A) Cellular level
- B) Tissue level
- C) Protoplasmic level
- D) Organ level

Que.10. Coelom is found between

- A) Ectoderm and endoderm
- B) Mesoderm and ectoderm
- C) Body wall and ectoderm
- D) Mesoderm and endoderm

Que. 11. Which of the following has biradial symmetry?

- A) *Paramecium*
- B) Jellyfish
- C) Cockroach
- D) Sea anemone

Que. 12. Which of the following group is deuterostome?

- A) Annelida, Mollusca, Chordata
- B) Annelida, Arthropoda, Mollusca
- C) Arthropoda, Mollusca, Echinodermata
- D) Echinodermata, Hemichordata, Chordata

Que. 13. Canal system of Porifera is not concerned with

- A) Respiration
- B) Nutrition
- C) Sexual reproduction
- D) None of these

Que. 14. Tissue level of organization is found in

- A) Porifera
- B) Coelenterate
- C) Annelida
- D) Vertebrata

Que. 15. Nematocyst are present in

- A) Cnidaria
- B) Flatworms
- C) Nematodes
- D) Sponges

Que. 16. Adult *Wuchereria bancrofti* attacks

- A) Nervous system
- B) Lymph vessels
- C) Muscular system
- D) Blood vessels

Que. 17. Which one is hermaphrodite?

- A) *Ascaris*
- B) *Trichuris*
- C) *Megascolex*
- D) *Enterobius*

- Que. 18. The arthropods exoskeleton is composed of
- A) Several kinds of polysaccharides B) Layers of Proteins and polysaccharides called chitin
 C) Several kind of proteins D) Single complex protein called arthropodin
- Que. 19. Which of the following pigments is present in the blood of Arthropods?
- A) Chlorophyll B) Haemoglobin
 C) Hemocyanin D) All of these
- Que. 20. Phylum-Mollusca can be distinguished from other invertebrates by the presence of
- A) Bilateral symmetry and exoskeleton B) A mantle and gills
 C) Shell and non-segmented body D) A mantle and non-segmented body
- Que. 21. The nature of exoskeleton in Echinodermata is
- A) Silicious B) Tunicin
 C) Calcareous D) Chitinous
- Que. 22. The lining of intestine and kidneys in human is
- A) Keratinised B) Brush border
 C) Ciliated D) None of these
- Que. 23. Which of the following cells are round and biconcave in shape?
- A) White blood cells B) Red blood cells
 C) Nerve cells D) Mesophyll cells
- Que. 24. The vitamin, which is essential for blood clotting is
- A) Vitamin-A B) Vitamin-B
 C) Vitamin-C D) Vitamin-K
- Que. 25. Which are the longest cells in human body?
- A) Muscles cells of legs B) Bone cells
 C) Nerve cells D) None of these
- Que. 26. Coelom in Cockroach is
- A) Enterocoel B) Schizocoel
 C) Pseudocoel D) Advanced coel
- Que. 27. How many lens systems are present in a compound microscope?
- A) One B) Two
 C) Three D) Four

Que. 28. Which one of the following organisms is not an example of eukaryotic cells?

- A) *Escherichia coli*
- B) *Euglena viridis*
- C) *Amoeba proteus*
- D) *Paramecium caudatum*

Que. 29. The number of hydrogen bonds between adenine and thymine is

- A) Two
- B) Three
- C) Four
- D) Eight

Que. 30. Which form of RNA has a structure resembling clover leaf?

- A) rRNA
- B) hnRNA
- C) mRNA
- D) tRNA

Que. 31. DNA replication includes

- A) DNA ligase
- B) DNA polymerase and ligase
- C) RNA polymerase
- D) All of the above

Que. 32. Which enzymes joins DNA fragments?

- A) DNA ligase
- B) DNA polymerase
- C) DNA gyrase
- D) Topoisomerase

Que. 33. Balbiani rings of polytene chromosomes are the site of

- A) RNA synthesis
- B) DNA synthesis
- C) DNA replication
- D) Protein synthesis

Que. 34. In which stage of mitosis chromosomes arrange on equatorial plate?

- A) Prophase
- B) Metaphase
- C) Anaphase
- D) Telophase

Que. 35. Holoenzyme is

- A) Non-protein and apoenzyme
- B) Protein and apoenzyme
- C) Enzyme protein and coenzyme
- D) Enzyme non-protein and coenzyme

Que. 36. Which one is amino acid?

- A) Pepsin
- B) Proline
- C) Cysteine
- D) Renin

Que. 37. Which one of the following statements regarding enzyme inhibition is correct?

- A) Competitive inhibition is seen, when a substrate competes with an enzyme for binding to an inhibitor protein.
- B) Competitive inhibition is seen, when a substrate and the inhibitor compete for the active site on the enzyme.
- C) Non-Competitive inhibition of an enzyme can be overcome by adding large amount of substrate.
- D) Non-Competitive inhibitors often bind to the enzyme irreversibly.

Que. 38. The simplest amino acid is

- A) Glycine
- B) Lysine
- C) Tyrosine
- D) Aspartic acid

Que. 39. Number of ATP molecules produced by each NADPH is

- A) Three
- B) Two
- C) One
- D) Five

Que. 40. Which one is true for ATP?

- A) ATP is prosthetic part of an enzyme
- B) ATP is an enzyme
- C) ATP is organic ion of enzyme
- D) ATP is a coenzyme

Que. 41. In human body, the role of bile salts in digestion is to

- A) Act as coenzymes during the digestion of carbohydrates
- B) Emulsify fat and facilitate their absorption
- C) aid in the break-up of proteins into amino acids and their absorption
- D) Stimulate the pancreas to release its enzymes.

Que. 42. The pH of the digestive juices within the human small intestine is between 7.5 and 8.5.

This environment is slightly

- A) Basic
- B) Acidic
- C) Neutral
- D) None of these

Que. 43. Pacemaker is

- A) Instrument for measuring heart beat
- B) Instrument for measuring pulse rate
- C) AV node that provides impulse for heart beat
- D) Sinu-auricular node that provides impulse for heart beat

Que. 44. The reabsorption of water in the kidney is under the control of

- A) LH
- B) ADH
- C) STH
- D) ACTH

Que. 45. Facultative reabsorption of water occurs in

- A) Kidney
- B) Ascending loop of Henle
- C) Collecting duct
- D) All of the above

Que. 46. Pectoral girdle constitutes

- A) Scapula and clavicle
- B) Radius and ulna
- C) Ilium and Ischium
- D) Maxilla and mandible

Que. 47. Sigmoid notch is present in

- A) Femur
- B) Radius-Ulna
- C) Tibio-fibula
- D) Humerus

Que. 48. Rod cells and Cone cells are present in

- A) Iris
- B) Cornea
- C) Sclerotic
- D) Retina

Que. 49. The roof of cerebrum is

- A) Centrocoel
- B) Pallium
- C) Arbor vitae
- D) Third ventricle

Que. 50. Gustatoreceptors are

- A) Rod cells of eyes
- B) Taste buds of tongue
- C) Epithelium of skin
- D) Cone cells of eyes

Answer key

Question Number	Answer
1	D
2	B
3	B
4	D
5	B
6	D
7	A
8	B
9	A
10	D
11	D
12	D
13	C
14	B
15	A
16	B
17	C
18	B
19	C
20	D
21	C
22	B
23	B
24	D
25	C
26	B
27	B
28	A
29	A
30	D
31	D
32	A
33	A
34	B
35	C
36	C
37	B
38	A

39	Answer key	C
40		A
41		B
42	Question number	A
43		D
44		B
45		C
46		A
47		B
48		D
49		B
50		B

A	9
D	10
D	11
D	12
C	13
B	14
A	15
B	16
C	17
B	18
C	19
D	20
C	21
B	22
B	23
D	24
C	25
B	26
B	27
A	28
A	29
D	30
D	31
A	32
A	33
B	34
C	35
C	36
B	37
A	38

N.H.College Bramhapuri

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Department of English

B.A. Semester V & Semester VI (Since 2019-20 onwards)

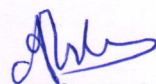
Name of the Course : English Literature

Name of the Books Prescribed

- I.King Lear by William Shakespeare for detailed study (Vth Semester)
- II.Tughlaq by Girish Karnad for non-detailed study (Vth Semester)
- III.Dance Like A Man Mahesh Dattani for detailed study (VIth semester)
- IV.Ghasiram Kotwal Vijay Tendulkar for non-detailed study (VIth semester)
- V.Aristotle: Poetics (Character and Plot) VIth semester
- VI.Classical Indian Drama: Theory and Practice (VIth semester)
- VII.Background to the Study of English Literature by B.Prasad (both semesters)
- VIII.Literary Terms by M.H.Abram (both semesters)

Course Outcome

- 1) Students will learn the various literary terms, dramatic art, dramatic types, dramatic devices.
- 2) Students will know about the greatest English literary giant William Shakespeare and his philosophy.
- 3) Students will be able to apply literary terms and dramatic devices to the prescribed texts of prescribed English and Indian dramas.
- 4) Thematic study of the prescribed dramas in both the semesters will change their outlook of life.
- 5) Students will dissuade unprecedented spectacle of violence and bloodshed; thirst for irrational ambition; unjustified use of power by foul means through the poetic justice as reflected in the tragedy of King Lear, Tughlaq and Ghasiram Kotwal through the portrayal of major characters.
- 6) Students will learn the importance of building relationship by coming across the bitter and disoriented family life; hypocrisy; ill effects of wrong choices; wrong means of gaining access and favour in order to make career; and blind beliefs as reflected in Dance Like a Man.
- 7) Students will learn universal values of peace, mercy, generosity, friendliness, love and forgiveness.
- 8) Students will understand the difference between the western style of writing drama and that of Indian drama.
- 9) Students will have an insight into the theory and practice of Indian classical drama.
- 10) Students will realize their talents as actors after enacting the parts of the characters actually on the stage.
- 11) Students have an insight into the comparative importance of plot and character as suggested by Aristotle and will apply on the prescribed dramas.
- 12) Students will make application of literary terms on the prescribed dramas.



Prof.M.A.Sheikh)
Course Teacher

Department of English



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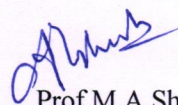
Department of English

B.A. Semester V & Semester VI (Since 2019-20 Onwards)


Name of the Course : Communicative English

Course Outcome

1. Students will learn the definition, process, principles and types of Communication and the Communication Cycle.
2. Students will be able to learn functional and applied writing: circulars about meetings, agenda and minutes, e-mail writing, business correspondence-letters of inquiry, order; interview call and appointment order.
3. Students will get exposure to high order writing skills like editing skills, report writing (official), referencing.
4. Exposure to soft skills like presentations, speeches, interview & interviewing skills will be in effect.
5. Students' writing skill will also be enhanced through exposure to grammatical elements : essay writing, degrees of comparison, direct and indirect speech, synthesis of sentences (simple / complex / compound)



Prof.M.A.Sheikh
Department of English



Off. Principal
Nejrabai Hitkarini College
Bramhapuri, Dist. Chandrapur

Syllabus

MA English Semester I Bridge Course on English Poetry Session : 2021-22 onwards

Course Description: This course is designed to introduce students to the basics of English poetry, including its major forms, techniques, and literary movements. Students will read and analyze a variety of poems from different periods and authors, and will develop critical and creative skills to engage with poetry in a meaningful way.

Day 1

- Introduction to Poetry
- Key poetic devices: rhyme, meter, imagery, metaphor, and simile

Day 2

- Major forms of poetry: lyric, narrative, and dramatic

Day 3

- The Renaissance Poets
- Characteristics of Renaissance movement & literature

Day 4: The Romantic Poets : *Short Introduction to*

- William Wordsworth: Lyrical Ballads
- Samuel Taylor Coleridge: The Rime of the Ancient Mariner
- Percy Bysshe Shelley: Ode to the West Wind

Day 5: The Victorian Poets : *Short Introduction to*

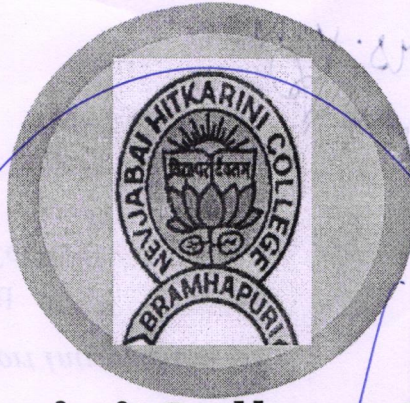
- Alfred Lord Tennyson: In Memoriam
- Robert Browning: My Last Duchess

Day 6: The Modernist Poets : *Short Introduction to*

- T.S. Eliot: The Waste Land
- W.B. Yeats: The Second Coming

CA. A. Sheikh

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Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur



Nevjabai Hitkarini College Bramhapuri

Department of English

Certificate Course in Functional English

Registration Form

(2022-23)

Name of the Student : _____

Gender : _____

Name of the Father : _____

E mail Address : _____

Class : _____

Medium : _____

Mobile number : _____

Signature of the Student

Nevjabai Hitkarini College Bramhapuri
Post Graduate Department of English
Bridge Course 2022 - 2023
Subject : MA English (English Poetry)

Attendance Sheet

Sr No	Name of the Students	14-10-2022	16-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	Signature
1	BAGADE SHRUTI VINAYAK	P	A	P	P	P	P	<i>Amarbhatte</i>
2	BHAGADKAR BHAVIKA NANAJI	P	P	A	P	P	P	<i>R.Kous</i>
3	BHAKARE SHITAL KASHINATH	P	P	P	P	A	P	<i>shital Bhaisare</i>
4	BORKAR ANJALI SANJAY	P	P	P	P	P	P	<i>A.Borkar</i>
5	BURLE SONALI GAJANANRAO	P	P	P	P	P	A	<i>Sonali Bure</i>
6	DABHEKAR SANGITA SUDHAKAR	P	P	P	P	P	P	<i>Dabhekar</i>
7	DAHALE KARISHMA RAVINDRA	P	P	P	P	P	P	<i>K.R. Dahale</i>
8	DHAKATE RESHMA SHANKAR	P	P	P	P	P	P	<i>Rdhalate</i>
9	GEDAM PUJA DEVIDAS	P	P	P	A	P	P	<i>Puja Gedam</i>
10	KILNAKE KARTIKEY NARHARI	P	P	P	P	P	A	<i>Kilnake</i>
11	LANJEWAR SHANKAR DNYANESHWAR	P	P	P	P	P	P	<i>Sonip</i>
12	LOKHANDE ROHIT ANNAJI	P	P	P	P	P	P	<i>Rohit Lohande</i>
13	MAIND KALYANI ANIRUDDHA	P	P	P	P	P	P	<i>Maind</i>
14	MISAR PRATIBHA MORESHWAR	P	P	P	A	P	P	<i>Misar</i>
15	NAKHATE OMKAR BHAURAO	P	P	P	P	P	A	<i>DNakhate</i>
16	NANDESHWAR ANIRUDDHA MANOHAR	P	P	P	P	P	P	<i>A.M. Nandeshwar</i>
17	RANDHAYE KALYANI PUNDLIK	P	P	A	P	P	P	<i>K.Randhaye</i>
18	SATIMESHAM NARMADA NAKATU	P	P	P	P	P	A	<i>N.gatimeshwar</i>
19	SONKUSRE TRIVENI DEORAO	P	P	P	P	P	P	<i>Torivare</i>
20	TITIRMARE VAISHNAVI DILIP	P	P	P	P	P	P	<i>Titirmare</i>

M.A. Sheikh
Prof.M.A.Sheikh

[Signature]
Off. Principal

Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Nevjabai Hitkarini College Bramhapuri
Department of English
Bridge Course for MA I Students
Subject – MA English (History of English Language)
2022-23

BRIDGE COURSE

With a view to enhance the comprehension in subjects we have framed a bridge course to first semester MA programme students. Students due to covid-19 could not learn about English language and literature during last year.

Objective

The bridge course aims to act as a buffer for the new entrants with an objective to provide adequate time for the transition to hardcore of degree courses. This gives them a breather, to prepare themselves before the onset of courses for first year degree programme. During this interaction of five hours with the faculty and their classmates the students will be equipped with the knowledge and the confidence needed to take on bigger challenges in future.

Design

The course consists of 09 hours of interactive sessions and an internal examination designed by the respective departments which is compulsory for all students. The result will be published in the website as well as on the notice board.

Syllabus

- i) What is language and literature
- ii) History of English language
 - a) Indo-European Family of Language, ancestry of English; place of English in the Indo-European family Augustan Age
 - b) Teutonic Verbal system 3. Teutonic Accent 4. The First Sound Shifting or Grimm's Law
- iii) Individual Contributors to the English Language (Chaucer; Shakespeare; Milton; Bible)

Sr No	Date	Topic Taught	Rationale	Timing
1	14/10/22	What is Language and literature	To understand what is English language and literature	11 - 12.30 PM
		Assignment	Write the meaning of language and literature in your own and simple words.	
2	15/10/22	Indo-European Family of Language	To understand Indo-European Family of Language	11 - 12.30 PM
		Assignment	Write a note on Indo-European Family of Language	
3	17/10/22	Place of English in the Indo-European family Augustan Age	To understand the place of English in the Indo-European family Augustan Age	11 - 12.30 PM
		Assignment	Write a short note on place of English in the Indo-European family Augustan Age	
4	18/10/22	Individual Contributors to the English Language - Chaucer	To understand Individual Contributors to the English Language- Chaucer	11 - 12.30 PM
		Assignment	Write notes on Individual Contributors to the English Language- Chaucer	
5	19/10/22	Individual Contributors to the English Language- John Milton	To understand Individual Contributors to the English Language- John Milton	11 - 12.30 PM
		Assignment	Write a short note on Individual Contributors to the English Language- John Milton	
6	20/10/22	Individual Contributors to the English Language- William Shakespeare	To learn about Individual Contributors to the English Language- William Shakespeare	11 - 12.30 PM
		Assignment	Write a note on Individual Contributors to the English Language- William Shakespeare	

50	LITERATURE VAISHNAVI DILIP
49	KONKUSRE TRIVEDI DEEPAO
48	SALIMSHIKAM NARMADA NALATU
47	RANDHAYE KALYANI PUNDE
46	NAVDESHWAR AMRUDHIA MANOHAR
45	NAKDATE OMKAR BHARAO
44	MISAR PRATIBHA MORESHWAR
43	MAJID KALYANI AMRUDHIA
42	LOKHANDE ROHIT ANNAJI
41	LAJIBWAR SHANKAR DNYANESH
40	KIT NAIKE KARTIKES NARAYAN
39	GOELAM PUNJ DEVIDAS
38	DHAKATE HESHA SHAMVAR
37	DAHARE KARISHMA RAVINDRA
36	DARBHARAE SANGITA SUDHAKAR
35	BURLE SONALI GALANANRAG
34	BORSEKAR ANJALI BANUVA
33	BHASKARE SHITAL JASMINATI
32	BHAGADKAR BHAVICA NARANI
31	BAGADE SHRUTI ANVAYAK

Question Paper

Subject: MA I - English (History of English Language)

Dt : 20/10/2022

Max Marks: 20

- Q 1 – Write a short note on English language and literature. 05
- Q 2 – Write a short history of English language. 05
- Q 3 – Write a note on contribution made by William Shakespeare to English Language. 05
- Q 4 – Write a note on contribution made by William Shakespeare to John Milton. 05

Nevjabai Hitkarini College Bramhapuri

Bridge Course 2022 - 2023

Subject : MA I - English (History of English Language)

Attendance Sheet

Sr No	Name of the Students	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022
1	BAGADE SHRUTI VINAYAK	P	P	P	P	A	P
2	BHAGADKAR BHAVIKA NANAJI	P	P	P	P	P	P
3	BHAKARE SHITAL KASHINATH	P	P	P	P	A	P
4	BORKAR ANJALI SANJAY	P	P	P	A	P	P
5	BURLE SONALI GAJANANRAO	A	P	P	P	P	P
6	DABHEKAR SANGITA SUDHAKAR	P	A	P	A	P	P
7	DAHLE KARISHMA RAVINDRA	P	P	P	P	P	P
8	DHAKATE RESHMA SHANKAR	P	P	P	P	P	P
9	GEDAM PUJA DEVIDAS	P	P	P	P	A	P
10	KILNAKE KARTIKEY NARHARI	P	P	P	P	P	P
11	LANJEWAR SHANKAR DNYANESHWAR	P	P	P	P	P	P
12	LOKHANDE ROHIT ANNAJI	P	P	P	P	P	P
13	MAIND KALYANI ANIRUDDHA	P	P	P	P	P	P
14	MISAR PRATIBHA MORESHWAR	A	P	P	P	P	P
15	NAKHATE OMKAR BHAURAO	P	P	P	P	P	P
16	NANDESHWAR ANIRUDDHA MANOHAR	P	P	P	P	P	P
17	RANDHAYE KALYANI PUNDLK	P	A	P	P	P	P
18	SATIMESHAM NARMADA NAKATU	A	P	P	P	P	P
19	SONKUSRE TRIVENI DEORAO	P	P	P	P	A	P
20	TITIRMARE VAISHNAVI DILIP	P	P	P	P	P	P

Nevjabai Hitkarini College Bramhapuri

Bridge Course 2022 - 2023

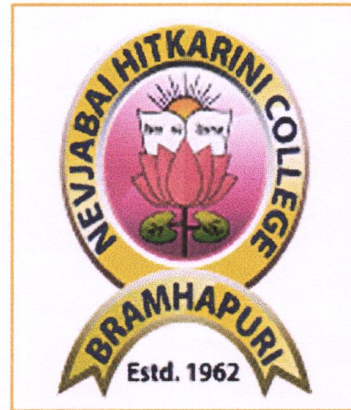
Subject : MA I (History of English Language)

Attendance Sheet

Sr No	Name of the Students	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	Signature
1	BAGADE SHRUTI VINAYAK	P	P	P	P	A	P	Amarbhadre
2	BHAGADKAR BHAVIKA NANAJI	P	P	P	P	P	P	R. Kom
3	BHAKARE SHITAL KASHINATH	P	P	P	P	A	P	Shital Bhaisac
4	BORKAR ANJALI SANJAY	P	P	P	A	P	P	Borkar
5	BURLE SONALI GAJANANRAO	A	P	P	P	P	P	Sonali Burle
6	DABHEKAR SANGITA SUDHAKAR	P	A	P	A	P	P	Dabekar
7	DAHALE KARISHMA RAVINDRA	P	P	P	P	P	P	K. P. Dahale
8	DHAKATE RESHMA SHANKAR	P	P	P	P	P	P	Rdhalak
9	GEDAM PUJA DEVIDAS	P	P	P	P	A	P	Puja Gedam
10	KILNAKE KARTIKEY NARHARI	P	P	P	P	P	P	K. N. Kilnake
11	LANJEWAR SHANKAR DNYANESHWAR	P	P	P	P	P	P	Lanjewar
12	LOKHANDE ROHIT ANNAJI	P	P	P	P	P	P	Lokhande
13	MAIND KALYANI ANIRUDDHA	P	P	P	P	P	P	Maind
14	MISAR PRATIBHA MORESHWAR	A	P	P	P	P	P	Misar
15	NAKHATE OMKAR BHAURAO	P	P	P	P	P	P	Onkarp
16	NANDESHWAR ANIRUDDHA MANOHAR	P	P	P	P	P	P	A. M. Nandeshwar
17	RANDHAYE KALYANI PUNDLK	P	A	P	P	P	P	K. Randhaye
18	SATIMESHAM NARMADA NAKATU	A	P	P	P	P	P	S. Satimesham
19	SONKUSRE TRIVENI DEORAO	P	P	P	P	A	P	T. Sonkusre
20	TITIRMARE VAISHNAVI DILIP	P	P	P	P	P	P	T. Titirmare


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Nevjabai Hitkarini College,
Bramhapuri



Department of Zoology

Remedial Course

2022-23

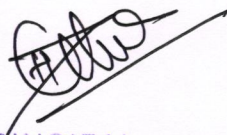
N. H. College, Bramhapuri
Department of Zoology
Remedial course Syllabus

AIM AND OBJECTIVES

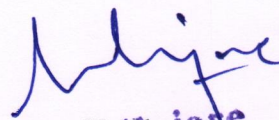
- 01) To bridge the gap between the course contents of syllabus in H. S. C. students and B. Sc. Ist year student of Gondwana University.
- 02) To impart minimum basic training in Zoology to UG students.
- 03) To bring such students on par and equivalence with our UG students.
- 04) To strengthen the base of such students in basic and fundamentals of Zoology.
- 05) To train such students to become competitive with our UG students.

OBJECTIVES

1. To give more help and support to slow learner.
2. To pay Individual attention to the low achiever in the class
3. Develop interest to attend a remedial class
4. Provide learning activities and practical experiences to the student according to their needs and abilities.
5. To reduce the mental stress and nervousness of the students



PRINCIPAL
Mevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206



Jayesh W. Wajare
Asst. Professor & Head
Department of Zoology
N H College, Bramhapuri

Zoology Remedial course Syllabus

To be implemented from the academic year 2017-2018

B. Sc. I

Course code	Unit	Topic Headings	Time
Theory			
	I	Phylum - Protozoa & Porifera Locomotory Organelles and locomotion in Protozoa. Structure, Histology of body wall and Canal System in Sycon .	
	II	Phylum - Coelenterata Structure and life cycle of Obelia, Polymorphism in Hydrozoa, Alternation of generation.	
	III	Phylum - Plathelminthes & Aschelminthes Structure and Life history of Taenia solium Structure and Life history of Ascaris lumbricoides.	
	IV	Phylum- Annelida Digestive, excretory, Nervous system, Reproductive system	

Course code	Unit	Topic Headings	Time
Theory			
	I	Cell Theory, Biological membrane Fluid Mosaic Model, Osmosis, Passive and Active transport .	
	II	Phylum - Nucleus, Chromosome, Giant Chromosome Ultrastructure, Composition and functions of Nuclear membrane.	
	III	Mitochondria, Endoplasmic reticulum, Golgi Complex Ultrastructure.	
	IV	Lysosome, Ribosome, Cell Cycle Structure (Lake's Model), Mitosis and Meiosis.	

B. Sc. II

Course code	Unit	Topic Headings	Time
Theory			
	I	Urochordata- retrogressive metamorphosis Cephalochordata- digestive system. Cyclostomata- external morphology of- Petromyzon. Pisces- Osmoregulation in Fishes,	
	II	Amphibia- Parental care and Neoteny. Reptilia- Snake Poison apparatus & biting mechanism.	
	III	Aves- Birds migration. Mammals- Prototheria, Metatheria and Eutheria.	
	IV	Integuments (Scale and horn). .	

Course code	Unit	Topic Headings	Time
Theory			
	I	Metabolism Carbohydrates- glycogen metabolism, Protein- Transamination, Lipid- Biosynthesis of triglycerides .	
	II	Enzymes	
	III	Nutrition and Digestion-Structure and functions of digestive glands	
	IV	Mechanism of Respiration	

B. Sc. III

Course code	Unit	Topic Headings	Time
Theory			
	I	History of bee keeping.	
	II	Types of honey bees, Life cycle – Queen, Drone, Worker.	
	III	Basic requirements of Tools for starting bee keeping	
	IV	1. Economic importance of honey. 2. Processing of honey.	

Course code	Unit	Topic Headings	Time
Theory			
	I	Introduction to basic concepts in immunology	
	II	Haematopoiesis, lymphoid organs	
	III	Antigens, B and T cell epitopes	
	IV	MHC I and II, Autoimmunity , Vaccines:	

Notice

Dear members,

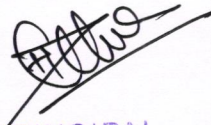
Notice is hereby given to all the faculty that the general meeting of Remedial classes will be held on **Saturday** the **4th Jan, 2023** at **10:00 am** in **Dept. of Zoology** to conduct the following business.

AGENDA

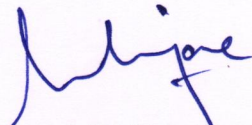
1. Discuss the general idea about Remedial course
2. Giving the brief about Remedial course
3. Discuss the matter of syllabus
4. Work load distribution

Faculty-

- 1) Mr. J. W. Hajare
- 2) Mr. D. G. Atla
- 3) Ms. S. M. Bhoyar
- 4) Mr. A. A. Borkar
- 5) Ms. Neera singh
- 6) Mr. A. D. Talmale
- 7) Mr. G. B. Raut
- 8) Mr. P. P. Wanjari



PRINCIPAL
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Bramhapuri, Dist. Chandrapur-441206



Jayesh W. Hajare
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Department of Zoology
N H College, Bramhapuri

N. H. College Bramhapuri
Department of Zoology

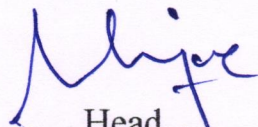
Notice

All the students of **Sem. II, IV & VI** Zoology Department hereby informed that **Remedial class** will be start from **9 Jan 2023**. So, they should attend the class regularly. Remedial class time table is displayed on notice board.

Date: 05/01/2023



PRINCIPAL
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206



Head
Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri

Nevjabai Hitkarini College, Bramhapuri

Department of Zoology

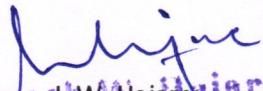
Academic Session : 2022-23


Time Table for Remedial Class

Duration: 09 /01/2023 to 28 /01 /2023

Day	Class	1	2
		2:00pm to 2:45pm	2:45pm to 3:30pm
Monday	B.Sc-I	JWH	
	B.Sc-II	JWH	
	B.Sc-III		DGA
Tuesday	B.Sc-I	DGA	
	B.Sc-II		DGA
	B.Sc-III		JWH
Wednesday	B.Sc-I	DGA	
	B.Sc-II	JWH	
	B.Sc-III		JWH
Thursday	B.Sc-I	JWH	
	B.Sc-II		JWH
	B.Sc-III		DGA
Friday	B.Sc-I	DGA	
	B.Sc-II		DGA
	B.Sc-III		JWH
Saturday	B.Sc-I	DGA	
	B.Sc-II		DGA
	B.Sc-III		JWH

Date : 05 /01/2023


Jayesh W. Hajare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri


PRINCIPAL
Nevjabai Hitkarini College
Bramhapuri, Dist. Chandrapur-441206

N. H. College, Bramhapuri
Department of Zoology
Academic Session: 2022-23
List of Students Enrolled for Remedial Classes

Semester - II

Slow Learner				Slow Learner			
SN	Name of Students			SN	Name of Students		
1	Ku.	ANSARI ASHFEEN ATAULMUSTAFA	Slow	22	Ku.	MESHAM PRATIKSHA RUSHI	Slow
2	Ku.	BAKDA SRUSHTI SUKHANATH	Slow	23	Ku.	MESHAM TRUSHNA RAJU	Slow
3	Ku.	BHAJIPALE SHITAL HOMRAJ	Slow	24	Ku.	MOHANE MONALI GURUDEO	Slow
4	Ku.	BHONDE SHRUTI BISAN	Slow	25	Ku.	MOHARKAR SIMRAN BHAGWAT	Slow
5	Ku.	BOKADE KIRTI RAMDAS	Slow	26	Ku.	NANDANWAR LALKRUSHNA SULKSHAN	Slow
6	Ku.	BORKAR KALYANI KISHOR	Slow	27	Ku.	PATHAN TANZILA MATIN	Slow
7	Ku.	BURADE PALLAVI RAJENDRA	Slow	28	Ku.	PRADHAN PRANJALI DNYANESHWAR	Slow
8	Ku.	CHACHANE GAYATRI MUKHARU	Slow	29	Ku.	RAUT CHAITANYA DILIP	Slow
9	Ku.	CHAUDHARI MAYURI RAJENDRA	Slow	30	Ku.	RAUT VAISHNAVI RAMRATAN	Slow
10	Ku.	DAHIWALE KANAK SUMANTKUMAR	Slow	31	Ku.	SAHARE MAHESHWARI MADHUSUDAN	Slow
11	Ku.	DHANDARE SWATI SUDHAKAR	Slow	32	Ku.	SAIYYAD RUKHSARBANO KASAMALI	Slow
12	Ku.	DONADKAR NIKHITA RAJU	Slow	33	Ku.	SAMARTH SHREYA VILAS	Slow
13	Ku.	DUDHAKUWAR CHETALI RAMKRUSHNA	Slow	34	Ku.	SHASTRAKAR TRUPTI ARVIND	Slow
14	Ku.	KARCADE SHARVARI RAVINDRA	Slow	35	Ku.	SHENDE NIKITAI RAJU	Slow
15	Ku.	KULE PRATIKSHA DADAJI	Slow	36	Ku.	SIDAM NAMRATA PADMAKAR	Slow
16	Ku.	KUMARE ADITI NATHUJI	Slow	37	Ku.	THAWARE ACHAL SHRIDHAR	Slow
17	Ku.	KUMARE MAMTA NATTHU	Slow	38	Ku.	TORE PRAJAKTA PRABHAKAR	Slow
18	Ku.	KUTHE KAJAL PALAKDAS	Slow	39	Ku.	TUPAT BHUMESHWARI PRAKASH	Slow
19	Ku.	MARGONWAR APRAJITA VIJAY	Slow	40	Ku.	TUPATE KOMAL RAVI	Slow
20	Ku.	MESHAM KOMAL RAJESHWAR	Slow	41	Ku.	VAIDYA ISHA MANIK	Slow
21	Ku.	MESHAM PRAGATI RAVINDRA	Slow	42	Ku.	VAIRAGADE NIKHIL HEMRAJ	Slow

43	Ku.	WAKEKAR SHRUTI NILKANTH	Slow				
44	Ku.	BORKAR TRUSHNA LOKNATH	Slow				
45	Ku.	DANGE SAMRUDDHI MANOJ	Slow				
46	Ku.	GADGE PRAGATI RAJKUMAR	Slow				
47	Ku.	HATWADE KETAKI VINOD	Slow				
48	Ku.	HULKE PRATIKSHA PRAFUL	Slow				
49	Ku.	SAHARE DIPSHREE ARUN	Slow				
50	Ku.	SAYYED MAHEK JAVEDALI	Slow				
51	Ku.	SURANKAR PRATIKSHA VIJAY	Slow				
52	Mr.	ADKINE SHARAD DILIP	Slow				
53	Mr.	BANPURKAR CHARITRA ISHWAR	Slow				
54	Mr.	BHARRE ASHUBH DILIP	Slow				
55	Mr.	BORKAR VISHAL MUKHARU	Slow				
56	Mr.	KARKADE KETAN DILIP	Slow				
57	Mr.	KOLHE AKSHAY DHANIRAM	Slow				
58	Mr.	MADKAM PRATIK SUKHDEO	Slow				
59	Mr.	RAUT CHAKRADHAR SUDHIR	Slow				
60	Mr.	THAKARE DHAWAL DHANRAJ	Slow				
61	Mr.	THAKARE SARANG DNYANESHWAR	Slow				
62	Mr.	THENGARI ANIKET RAVINDRA	Slow				
63	Mr.	YERME ANURAG PRAMOD	Slow				
64	Mr.	KANNAKE PRANAV SUDHAKAR	Slow				
65	Mr.	KUMARE PAWAN DILIP	Slow				
66	Mr.	MAIND SWARUP DNYANESHWAR	Slow				
67	Mr.	MESHARAM AMAN SUBHASH	Slow				
68	Mr.	MHASHAKHETRI UTKARSH TARACHAND	Slow				

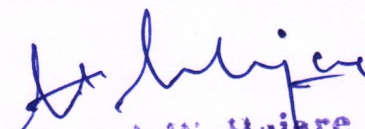
Semester - IV


Slow Learner				Slow Learner			
SN		Name of Students		SN		Name of Students	
1	Ku	AMBADE SAYALI WAMAN	Slow	22	Ku	MISAR ROHINI SHANKAR	Slow
2	Ku	BALBUDDHE URWASHI MADHUKAR	Slow	23	Ku	MISAR VAISHNAVI SANTOSH	Slow
3	Ku	BAWANE DIPALI RAVINDRA	Slow	24	Ku	NANDANWAR CHITRA RAJU	Slow
4	Ku	BRAMHANKAR SHREYA NARESH	Slow	25	Ku	NANDESHWAR SAKSHI DHANPAL	Slow
5	Ku	CHAUDHARI KANCHAN GOPAL	Slow	26	Ku	PACHPUTE SONALI SANJAY	Slow
6	Ku	CHAUDHARI PAYAL VIJAY	Slow	27	Ku	PILARE DIYA DEVANAND	Slow
7	Ku	DESHMUKH NEHA SHARAD	Slow	28	Ku	PILARE JAGRUTI SHAMRAO	Slow
8	Ku	DHOLANE RAVINA DIWAKAR	Slow	29	Ku	RAMTEKE MEGHA KAILAS	Slow
9	Ku	DHOTE SNEHAL CHANDRAHAS	Slow	30	Ku	RAUT ACHAL KEWAL	Slow
10	Ku	GADE TWINKAL YOGIRAJ	Slow	31	Ku	RAUT DIKSHA DEVENDRA	Slow
11	Ku	HAJARE DIYA ATUL	Slow	32	Ku	RAUT DIKSHA JAYSHANKAR	Slow
12	Ku	KALSARPE KARINA DHULIDAS	Slow	33	Ku	RAUT KUMKUM JAYENDRA	Slow
13	Ku	KARHADE SAKSHI HATEEM	Slow	34	Ku	RAUT MADHAVITAI RAMESH	Slow
14	Ku	KHARKATE MEGHA MADAN	Slow	35	Ku	RAUT PRITI RAMESH	Slow
15	Ku	KHARKATE SAKSHI PREMDAS	Slow	36	Ku	RAUT RASHMI SHAMRAO	Slow
16	Ku	KHEWALE PRACHI VINOD	Slow	37	Ku	RAUT SAKSHI VIJAY	Slow
17	Ku	LADE SANGHAMITRA NAKTU	Slow	38	Ku	SAHARE AKANKSHA MOTILAL	Slow
18	Ku	MENDHULKAR PUNAM VILAS	Slow	39	Ku	SHAHARE PUNAM ASHOK	Slow
19	Ku	MESHARAM AARTI GULAB	Slow	40	Ku	SHEIKH MUSKAN SALAM	Slow
20	Ku	MESHARAM JAGRUTI GAUTAM	Slow	41	Ku	SHENDE MRUNALI MORESHWAR	Slow
21	Ku	MESHARAM SIDDHATA SUNIL	Slow	42	Ku	SHENDE SNEHAL SANJAY	Slow

43	Ku	SILAR ASMITA DAKRAM	Slow	62	Mr	JHAGARAHA DEVDAS SAMBHURAM	Slow
44	Ku	SONDAWALE RIYA RATAN	Slow	63	Mr	KAMBLE TEJAS BHAURAO	Slow
45	Ku	SURYAWANSHI BHUMIKA SURESH	Slow	64	Mr	KOTHEWAR CHETAN RAMESH	Slow
46	Ku	TALMALE SNEHA UMESH	Slow	65	Mr	MAHAJAN JIVIT RAJENDRAKUMAR	Slow
47	Ku	THAKARE NUTAN DIWAKAR	Slow	66	Mr	MAIND RADHESHAM ANTARAM	Slow
48	Ku	THAKARE NUTAN MORESHWAR	Slow	67	Mr	MIRI NARENDRA BIRSING	Slow
49	Ku	THAKARE PRAJAKTA TULSHIDAS	Slow	68	Mr	NAGRALE ADARSH NILESH	Slow
50	Ku	THAKARE VAIBHAVI PRAKASH	Slow	69	Mr	RAMTEKE ANUJ GAJANAN	Slow
51	Ku	THENGARE RAVINA KRUSHNKUMAR	Slow	70	Mr	RAUT WRUSHABH TULSHIDAS	Slow
52	Ku	TONDRE VEDANTI RAJESH	Slow	71	Mr	SAHARE KUNAL KAILAS	Slow
53	Ku	URKUDE TEJASHWINI EKNATH	Slow	72	Mr	TALMALE BHUSHAN VILAS	Slow
54	Ku	UTANE KARUNA SUBHASH	Slow	73	Mr	THAKARE MOBIL MANIK	Slow
55	Ku	WAKEKAR AKANKSHA NAGESHWAR	Slow	74	Mr	TIWADE KARAN VISHWANATH	Slow
56	Mr	BAGADE ASIF VILAS	Slow	75	Mr	VIKHAR ANUJ YASHWANT	Slow
57	Mr	BHAISARE SANDHARBHA DILESH	Slow	76	Mr	WARJURKAR SAMAY HANSARAJ	Slow
58	Mr	DUMANE RUTIK NANAJI	Slow				
59	Mr	GANDAIT GAURAV RAMESHRAO	Slow				
60	Mr	GHOSE HARSHAL SUNIL	Slow				
61	Mr	GURNULE SURAJ SUKHADEO	Slow				

Semester- VI

Slow Learner				Slow Learner			
SN	Name of Students			SN	Name of Students		
1	Ku	BHAISARE ANUSHKA ATUL	Slow	22	Ku	SATPUTE VIDYATAI VINOD	Slow
2	Ku	BOGA AMISHA DULARAM	Slow	23	Ku	SONAGAR PRITI SURESH	Slow
3	Ku	CHAHANDE ACHAL RAHUL	Slow	24	Ku	ZODE DURGABAI KALIDAS	Slow
4	Ku	DENGE DIKSHA MANGESH	Slow	25	Ku	DANGE SAMIKSHA HEMANT	Slow
5	Ku	HARDE HARSHADA RAJKUMAR	Slow	26	Mr	ALAGDEVE PRATIK PRADI	Slow
6	Ku	HATWADE PALLAVI VINOD	Slow	27	Mr	BORKAR ISHAN KHEMRAJ	Slow
7	Ku	KADUKAR PRIYANKA SUNIL	Slow	28	Mr	DHOTE PUNIT ASHOK	Slow
8	Ku	KARSAL GAYTRI SUMRAN	Slow	29	Mr	FULZELE MAYUR MILIND	Slow
9	Ku	KHARKATE SHRIYA BALU	Slow	30	Mr	HUMANE BADAL NARENDRA	Slow
10	Ku	KHOBRADE ASHU PARAMANAND	Slow	31	Mr	KHOBRADE PRITAM VILAS	Slow
11	Ku	KORDE ACHAL RASHMAN	Slow	32	Mr	KORGANDHAWAR CHANDRASHEKHAR PANDURANG	Slow
12	Ku	KUMBHARE RINA DILIP	Slow	33	Mr	KOWACHI PRANAY SURESH	Slow
13	Ku	KUMRE KAJAL DEORAW	Slow	34	Mr	MADAVI NILESH KEWALRAM	Slow
14	Ku	MASRAM SNEHAL SUBHASH	Slow	35	Mr	MARAPE KARTIK GOPAL	Slow
15	Ku	MATERE ANUSHRI DIGAMBAR	Slow	36	Mr	PADA SUMIT MAHADEO	Slow
16	Ku	MEHER RASHMI RAMESH	Slow	37	Mr	RAHATE PRATHAMESH NARESH	Slow
17	Ku	MESHARAM NAYNA KRUPADAS	Slow	38	Mr	SUTAR BHUPESH VILAS	Slow
18	Ku	NAKTODE ANJALI DINESH	Slow	39	Mr	TALANDE MAYUR MADHUKAR	Slow
19	Ku	NAKTODE PUNAM SURESH	Slow	40	Mr	THAKARE SHREYASH DILIP	Slow
20	Ku	NEWARE PUNAM PRABHAKAR	Slow	41	Mr	THUTE RAHUL NANDKISHOR	Slow
21	Ku	PRADHAN SHIWANI DILIP	Slow				


Jayesh W. Hujare
Asst. Professor & Head
Department of Zoology
N. H. College, Bramhapuri


PRINCIPAL
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Bramhapuri, Dist. Chandrapur-441216

N. H. College, Bramhapuri

Department of Zoology

Remedial Course 2022-23

Student List B. Sc. III

S N	Name of Student	Date wise Student Attendance									
1	BHAISARE ANUSHKA ATUL	ABhaisare	ABhaisare	ABhaisare	ABhaisare		ABhaisare	ABhaisare	ABhaisare		ABhaisare
2	BOGA AMISHA DULARAM										
3	CHAHANDE ACHAL RAHUL	Chahal		Chahal	Chahal		Chahal	Chahal		Chahal	Chahal
4	DENGE DIKSHA MANGESH										
5	HARDE HARSHADA RAJKUMAR	Harde	Harde	Harde		Harde	Harde	Harde	Harde	Harde	Harde
6	HATWADE PALLAVI VINOD										
7	KADUKAR PRIYANKA SUNIL										
8	KARSAL GAYTRI SUMRAN										
9	KHARKATE SHRIYA BALU	Kharkate	Kharkate	Kharkate	Kharkate	Kharkate		Kharkate	Kharkate	Kharkate	Kharkate
10	KHOBRAGADE ASHU PARAMANAND										
11	KORDE ACHAL RASHMAN	Korde	Korde	Korde	Korde		Korde	Korde	Korde	Korde	Korde
12	KUMBHARE RINA DILIP										
13	KUMRE KAJAL DEORAW	Kumre	Kumre	Kumre	Kumre	Kumre		Kumre	Kumre	Kumre	Kumre
14	MASRAM SNEHAL SUBHASH										
15	MATERE ANUSHRI DIGAMBAR	Mater	Mater	Mater	Mater	Mater		Mater	Mater	Mater	Mater
16	MEHER RASHMI RAMESH	Meher	Meher	Meher		Meher	Meher	Meher	Meher	Meher	Meher
17	MESHARAM NAYNA KRUPADAS										
18	NAKTODE ANJALI DINESH										
19	NAKTODE PUNAM SURESH										
20	NEWARE PUNAM PRABHAKAR										
21	PRADHAN SHIWANI DILIP										
22	SATPUTE VIDYATAI VINOD										
23	SONAGAR PRITI SURESH										
24	ZODE DURGABAI KALIDAS										
25	DANGE SAMIKSHA HEMANT	Dange	Dange	Dange	Dange	Dange		Dange	Dange	Dange	Dange
26	ALAGDEVE PRATIK PRADI										
27	BORKAR ISHAN KHEMRAJ	Borkar	Borkar	Borkar	Borkar	Borkar		Borkar	Borkar	Borkar	Borkar

S N	Name of Student	Date wise Student Attendance									
28	DHOTE PUNIT ASHOK										
29	FULZELE MAYUR MILIND	<i>Fulzele</i>	<i>Fulzele</i>	<i>Fulzele</i>	<i>Fulzele</i>		<i>Fulzele</i>	<i>Fulzele</i>	<i>Fulzele</i>	<i>Fulzele</i>	<i>Fulzele</i>
30	HUMANE BADAL NARENDRA										
31	KHOBRAGADE PRITAM VILAS	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>		<i>Prat</i>	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>
32	KORGANDHAWAR CHANDRASHEKHAR PANDURANG	<i>Rosank</i>	<i>Rosank</i>	<i>Rosank</i>	<i>Rosank</i>		<i>Rosank</i>	<i>Rosank</i>	<i>Rosank</i>	<i>Rosank</i>	<i>Rosank</i>
33	KOWACHI PRANAY SURESH	<i>Fanki</i>	<i>Fanki</i>	<i>Fanki</i>	<i>Fanki</i>		<i>Fanki</i>	<i>Fanki</i>	<i>Fanki</i>	<i>Fanki</i>	<i>Fanki</i>
34	MADAVI NILESH KEWALRAM										
35	MARAPE KARTIK GOPAL										
36	PADA SUMIT MAHADEO										
	RAHATE PRATHAMESH NARESH										
38	SUTAR BHUPESH VILAS										
39	TALANDE MAYUR MADHUKAR										
40	THAKARE SHREYASH DILIP										
41	THUTE RAHUL NANDKISHOR	<i>Thute</i>	<i>Thute</i>		<i>Thute</i>	<i>Thute</i>	<i>Thute</i>	<i>Thute</i>	<i>Thute</i>	<i>Thute</i>	<i>Thute</i>

Joyesh W. Hajare
 Joyesh W. Hajare
 Asst. Professor & Head
 Department of Zoology
 N. H. College, Bramhapuri

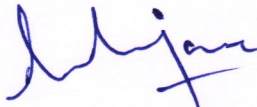
[Signature]
 PRINCIPAL
 Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur-441206


N. H. College, Bramhapuri
Department of Zoology
Remedial Course 2022-23
Student List B. Sc. II

S N	Name of Student	Date wise Student Attendance									
1	AMBADE SAYALI WAMAN	S.w. Ambade	S.w. Ambade	S.w. Ambade	S.w. Ambade	S.w. Ambade		S.w. Ambade	S.w. Ambade	S.w. Ambade	
2	BALBUDDHE URWASHI MADHUKAR	Omhalbudhe	Omhalbudhe	Omhalbudhe	Omhalbudhe	Omhalbudhe		Omhalbudhe	Omhalbudhe	Omhalbudhe	
3	BAWANE DIPALI RAVINDRA	Bawane	Bawane	Bawane	Bawane	Bawane		Bawane	Bawane	Bawane	
4	BRAMHANKAR SHREYA NARESH	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas		Shreyas	Shreyas	Shreyas	
5	CHAUDHARI KANCHAN GOPAL										
6	CHAUDHARI PAYAL VIJAY	P. Vijay	P. Vijay	P. Vijay	P. Vijay	P. Vijay		P. Vijay	P. Vijay	P. Vijay	
7	DESHMUKH NEHA SHARAD	N. Sharad	N. Sharad	N. Sharad	N. Sharad	N. Sharad		N. Sharad	N. Sharad	N. Sharad	
8	DHOLANE RAVINA DIWAKAR										
9	DHOTE SNEHAL CHANDRAHAS	S. Chandras	S. Chandras	S. Chandras	S. Chandras	S. Chandras		S. Chandras	S. Chandras	S. Chandras	
10	GADE TWINKAL YOGIRAJ	T. Yogiraj	T. Yogiraj	T. Yogiraj	T. Yogiraj	T. Yogiraj		T. Yogiraj	T. Yogiraj	T. Yogiraj	
11	HAJARE DIYA ATUL										
12	KALSARPE KARINA DHULIDAS										
13	KARHADE SAKSHI HATEEM	S. Hateem	S. Hateem	S. Hateem		S. Hateem	S. Hateem		S. Hateem	S. Hateem	
14	KHARKATE MEGHA MADAN										
15	KHARKATE SAKSHI PREMDAS	S. Premdas	S. Premdas	S. Premdas	S. Premdas	S. Premdas		S. Premdas	S. Premdas	S. Premdas	
16	KHEWALE PRACHI VINOD	P.V. Khewale	P.V. Khewale	P.V. Khewale	P.V. Khewale	P.V. Khewale		P.V. Khewale	P.V. Khewale	P.V. Khewale	
17	LADE SANGHAMITRA NAKTU										
18	MENDHULKAR PUNAM VILAS										
19	MESHARAM AARTI GULAB	A. Gulab	A. Gulab	A. Gulab	A. Gulab	A. Gulab		A. Gulab	A. Gulab	A. Gulab	
20	MESHARAM JAGRUTI GAUTAM	J. Gautam	J. Gautam	J. Gautam	J. Gautam	J. Gautam		J. Gautam	J. Gautam	J. Gautam	
21	MESHARAM SIDDHATA SUNIL										
22	MISAR ROHINI SHANKAR										
23	MISAR VAISHNAVI SANTOSH	V. Santosh	V. Santosh	V. Santosh	V. Santosh	V. Santosh		V. Santosh	V. Santosh	V. Santosh	
24	NANDANWAR CHITRA RAJU										
25	NANDESHWAR SAKSHI DHANPAL										
26	PACHPUTE SONALI SANJAY	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay		S. Sanjay	S. Sanjay	S. Sanjay	
27	PILARE DIYA DEVANAND										

S N	Name of Student	Date wise Student Attendance									
28	PILARE JAGRUTI SHAMRAO	J.S. Pilare		J.S. Pilare	J.S. Pilare	J.S. Pilare		J.S. Pilare	J.S. Pilare		J.S. Pilare
29	RAMTEKE MEGHA KAILAS	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>		<u>Raut</u>			<u>Raut</u>	<u>Raut</u>	<u>Raut</u>
30	RAUT ACHAL KEWAL										
31	RAUT DIKSHA DEVENDRA	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>		<u>Raut</u>			<u>Raut</u>	<u>Raut</u>	<u>Raut</u>
32	RAUT DIKSHA JAYSHANKAR										
33	RAUT KUMKUM JAYENDRA										
34	RAUT MADHAVITAI RAMESH	<u>CR Raut</u>	<u>CR Raut</u>	<u>CR Raut</u>	<u>CR Raut</u>	<u>CR Raut</u>		<u>CR Raut</u>	<u>CR Raut</u>	<u>CR Raut</u>	<u>CR Raut</u>
35	RAUT PRITI RAMESH	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>		<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>
36	RAUT RASHMI SHAMRAO										
	RAUT SAKSHI VIJAY	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>			<u>Raut</u>	<u>Raut</u>
38	SAHARE AKANKSHA MOTILAL										
39	SHAHARE PUNAM ASHOK	<u>Shahare</u>		<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>	<u>Shahare</u>
40	SHEIKH MUSKAN SALAM										
41	SHENDE MRUNALI MORESHWAR	<u>Shende</u>	<u>Shende</u>	<u>Shende</u>		<u>Shende</u>	<u>Shende</u>		<u>Shende</u>	<u>Shende</u>	<u>Shende</u>
42	SHENDE SNEHAL SANJAY										
43	SILAR ASMITA DAKRAM										
44	SONDAWALE RIYA RATAN			<u>Sondawale</u>			<u>Sondawale</u>			<u>Sondawale</u>	
45	SURYAWANSHI BHUMIKA SURESH	<u>SS</u>	<u>SS</u>	<u>SS</u>		<u>SS</u>			<u>SS</u>	<u>SS</u>	<u>SS</u>
46	TALMALE SNEHA UMESH										
47	THAKARE NUTAN DIWAKAR	<u>Thakare</u>	<u>Thakare</u>		<u>Thakare</u>	<u>Thakare</u>		<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>
48	THAKARE NUTAN MORESHWAR										
49	THAKARE PRAJAKTA TULSHIDAS	<u>Thakare</u>		<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>		<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>
50	THAKARE VAIBHAVI PRAKASH										
51	THENGARE RAVINA KRUSHNKUMAR										
52	TONDRE VEDANTI RAJESH										
53	URKUDE TEJASHWINI EKNATH	<u>Urku</u>		<u>Urku</u>	<u>Urku</u>	<u>Urku</u>		<u>Urku</u>	<u>Urku</u>	<u>Urku</u>	<u>Urku</u>
54	UTANE KARUNA SUBHASH										
55	WAKEKAR AKANKSHA NAGESHWAR	<u>Wakekar</u>	<u>Wakekar</u>	<u>Wakekar</u>		<u>Wakekar</u>			<u>Wakekar</u>	<u>Wakekar</u>	<u>Wakekar</u>
56	BAGADE ASIF VILAS										
57	BHAISARE SANDHARBHA DILESH										

S N	Name of Student	Date wise Student Attendance									
58	DUMANE RUTIK NANAJI										
59	GANDAIT GAURAV RAMESHRAO										
60	GHOSE HARSHAL SUNIL										
61	GURNULE SURAJ SUKHADEO										
62	JHAGARAHA DEVDAS SAMBHURAM	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
63	KAMBLE TEJAS BHAURAO										
64	KOTHEWAR CHETAN RAMESH										
65	MAHAJAN JIVIT RAJENDRAKUMAR										
66	MAIND RADHESHAM ANTARAM										
67	MIRI NARENDRA BIRSING	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
68	NAGRALE ADARSH NILESH										
69	RAMTEKE ANUJ GAJANAN										
70	RAUT WRUSHABH TULSHIDAS										
71	SAHARE KUNAL KAILAS										
72	TALMALE BHUSHAN VILAS										
73	THAKARE MOBIL MANIK										
74	TIWADE KARAN VISHWANATH										
75	VIKHAR ANUJ YASHWANT										
76	WARJURKAR SAMAY HANSARAJ	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present


Jayesh W. Hajare
 Asst. Professor & Head
 Department of Zoology
 N. H. College, Bramhapuri


PRINCIPAL
 Nevjabai Hitkarini College
 Bramhapuri, Dist. Chandrapur-441206

N. H. College, Bramhapuri

Department of Zoology

Remedial Course 2022-23

Student List B. Sc. III

SN	Name of Student										
1	ACHAL RAHUL CHAHANDE	Chahande	Chahande	Chahande	Chahande	Chahande	Chahande	Chahande	Chahande	Chahande	Chahande
2	AISHWARYA DIGAMBAR BANKAR										
3	ANUSHKA ATUL BHAISARE										
4	DURGABAI KALIDAS ZODE	Zode	Zode	Zode	Zode	Zode	Zode	Zode	Zode	Zode	Zode
5	JIDNYASHA RAMESH BAWANTHADE	Bawant	Bawant	Bawant	Bawant	Bawant	Bawant	Bawant	Bawant	Bawant	Bawant
6	MOHINI LALAJI CHAUKE										
7	MRUNAL KESHAO CHACHANE	Chachane	Chachane	Chachane	Chachane	Chachane	Chachane	Chachane	Chachane	Chachane	Chachane
8	NIKITA SHARAD DARVE	Darve	Darve	Darve	Darve	Darve	Darve	Darve	Darve	Darve	Darve
9	SHREYASH DILIP THAKARE	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare
10	SUPRIYA NARENDRA THAKARE	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare	Thakare
11	TRUPTI SANJAY GAIKWAD	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
12	VAISHNAVI VIJAY DHOTE	Dhote	Dhote	Dhote	Dhote	Dhote	Dhote	Dhote	Dhote	Dhote	Dhote
13	ACHAL RASHMAN KORDE										
14	AMISHA DULARAM BOGA										
15	ANJALI DINESH NAKTODE										
16	ANJALI PRAKASH TRIMBAKE										
17	ANUSHRI DIGAMBAR MATERE										
18	ASHU PARAMANAND KHOBRADE										
19	ASHWINA KESHAO PARDHI										
20	BADAL NARENDRA HUMANE										
21	BHAGYASHRI SAMBHAJI JAMBHULE										
22	BHAWANA LAXMAN MESHARAM										
23	BHUPESH VILAS SUTAR										
24	CHANDRASHEKHAR PANDURANG KORGANDHAWAR										
25	CHETAN RAMKRUSHNA SHIURKAR										
26	DIKSHA MANGESH DENG										
27	GAYTRI SUMRAN KARSAL										
28	HARSHADA RAJKUMAR HARDE										

SN	Name of Student																			
29	ISHAN KHEMRAJ BORKAR																			
30	KAJAL DEORAW KUMRE																			
31	KARTIK GOPAL MARAPE																			
32	LILESHWARI SHRIPRABHU DANE																			
33	MAYUR MADHUKAR TALANDE																			
34	MAYUR MILIND FULZELE																			
35	MONAL HIVRAJ BAGADE																			
36	MONAL VILAS RAJGIRE																			
37	NAYNA KRUPADAS MESHAM																			
38	NIKITA CHANDRABHAN HUNDARA																			
39	NILESH KEWALRAM MADAVI																			
40	PALLAVI VINOD HATWADE																			
41	PRANAY SURESH KOWACHI																			
42	PRATHMESH NARESH RAHATE																			
43	PRATIK PRADIP ALAGDEVE																			
44	PRITAM VILAS KHOBRAGADE																			
45	PRITI LALDEV TIRKEY																			
46	PRITI SURESH SONAGAR																			
47	PRIYA HEMRAJ LADE																			
48	PRIYANKA SUNIL KADUKAR																			
49	PUNAM PRABHAKAR NEWARE																			
50	PUNAM SURESH NAKTODE																			
51	PUNIT ASHOK DHOTE																			
52	RAHUL NANDKISHOR THUTE																			
53	RASHMI RAMESH MEHER																			
54	RINA DADAJI GADWAR																			
55	RINA DILIP KUMBHARE																			
56	RIYA JANARDHAN MULMULE																			
57	ROHIT RAJU SAWSAKADE																			
58	SAMIKSHA BABAN KOPULWAR																			
59	SAMIKSHA HEMANT DANGE																			
60	SHIWANI DILIP PRADHAN																			

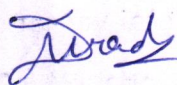
SN	Name of Student											
61	SHRAVANI SAMBASHIO ZURMURE											
62	SHRIYA BALU KHARKATE											
63	SNEHA SANJIO GEDEKAR											
64	SNEHA WAMAN MASKE											
65	SNEHAL SUBHASH MASRAM											
66	SUMIT MAHADEO PADA											
67	SWATI MADHUKAR KAMTHE											
68	TANAYA NARENDRA PILARE											
69	TANNU GIRIDHAR KAWALE											
70	VIDYATAI VINOD SATPUTE											

Nevjabai Hitkarini College, Bramhapuri
Department of Chemistry
(2022-23)

Notice

All the students of B.Sc.Part II & B.Sc. Part III year belonging of **chemistry subject** hereby informed that their Remedial Classes will be start as per their time table, So You should attend the class regularly. Remedial class time table is displayed on notice board.

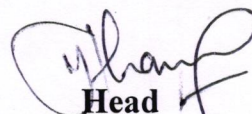
Date: 06/10/2022



Course coordinator
Dr. D. N Urade



Course coordinator
Dr. K. S. Naktode



Head
Department of chemistry
Dr. Y.P. Thawari

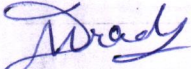



Principal
N. H. College, Bramhapuri
Distt. Chandrapur-441206

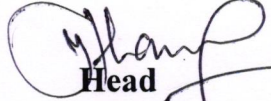
NevjabaiHitkarini College, Bramhapuri
Department of Chemistry
Remedial Classes
TIME TABLE
SEM-III
(2022 -23)


Date :

Date	TIME	CLASS/Sem	NAME OF TEACHER
10/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
11/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
12/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
13/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
14/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
17/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode
18/10/22	4:30 PM -5:30 PM	III	Dr. D. N. Urade
		V	Dr. K. S. Naktode


Course coordinator
 Dr. D. N Urade


Course coordinator
 Dr. K. S. Naktode


Head
Department of chemistry
 Dr. Y.P. Thawari


Principal
 N. H. College, Bramhapuri
 Distt. Chandrapur-441206

Department of Chemistry

Remedial Classes

Session 2022-23

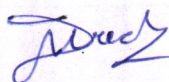
Sem.-III

Subject: Inorganic Chemistry

Syllabus

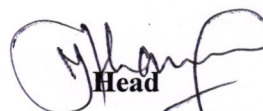
Remedial classes has been carried out to academically disadvantaged student. These students are identified by their class unit test, later by conducting separate subject wise pre module test of these students. Such weak slow learners are then allowed for remedial classes to overcome their weaknesses. These classes are conducted other than regular workload.

Sr. No.	Date	Time	Topic
1	10/10/22	2.30 pm-3.30 pm	Structure of Boron and diboran
2	11/10/22	2.30 pm-3.30 pm	Preperation and structure of Caro's and Marshal acid Lattice energy and Born -Haber cycle
3	12/10/22	2.30 pm-3.30 pm	Lux-Flood solvent system
4	13/10/22	2.30 pm-3.30 pm	Electronic configuration of 4d and 5d transition series
5	14/10/22	2.30 pm-3.30 pm	Lanthanide contraction and its consequences
6	17/10/22	2.30 pm-3.30 pm	Actinides with respect to electron configuration
7	18/10/22	2.30 pm-3.30 pm	Consequences of Lanthanides and actinides



Class Coordinator

Dr. D. N. Urade



Head

Department of Chemistry

Dr. Y. P. Thawari



Principal

N. H. College, Bramhapuri
Distt. Chandrapur-441206

Department of Chemistry
Students List
Remedial class
Session 2022-23
Sem-III
Subject : Inorganic Chemistry

Sr No	Name of the Students
1	SIMRAN PURUSHOTTAM BANSOD
2	DIPALI RAVINDRA BAWANE
3	SANDHARBHA DILESH BHAISARE
4	ANCHAL VINOD BHAIYA
5	VIJAY SHANKAR BHAIJBHUJE
6	PRATIKSHA SANJAY BHARNE
7	NIKITA RAJU BHARRE
8	SHREYA NARESH BRAMHANKAR
9	ASTHA BALKRISHNA CHAHANDE
10	MAHESH BALAK CHANDIKAR
11	KANCHAN GOPAL CHAUDHARI
12	PAYAL VIJAY CHAUDHARI
13	PRANIT RAVINDRA CHAUDHARI
14	YOGESH VIJAY DADMAL
15	MAHESHWARI MANOHAR DAHULE
16	NEHA SHARD DESHMUKH
17	RAVINA DIWAKAR DHOLANE
18	SHRAWANI PRAKASH DHONGE
19	MINAKSHI SANJAY DHORE
20	PRATIKSHA NARENDRA DHORE

N. H. COLLEGE, BRAMHAPURI
DEPARTMENT OF CHEMISTRY

Remedial Classes

Pre-module Test

B.Sc. Sem- III

Subject – Inorganic Chemistry (CBCS)

Marks: 30

(2022-23)

Date:
Time : 30 min.

Instructions:-

- All the questions are compulsory to solve
 - Mark \checkmark to the correct answer.
 - Do not mark \checkmark to multiple answer.
-

1. Which of the following is a π -donor ligand?
 - a) CO
 - b) PF₃
 - c) Cl⁻
 - d) None of these above
2. Which ion is kinetically inert?
 - a) Cr²⁺
 - b) Co²⁺
 - c) Fe³⁺
 - d) None of the above
3. ligand can also be regarded as
 - a) Lewis acid
 - b) Bronsted base
 - c) Lewis base
 - d) Bronsted acid
4. Which of the following statements is incorrect?
 - a) In K₄[Fe(CN)₆], the ligand has satisfied both primary and secondary valencies of ferrous ion.
 - b) In [Cu(NH₃)₄]SO₄, the ligand has satisfied only the secondary valency of copper.
 - c) In K₃[Fe(CN)₆], the ligand has satisfied only the secondary valency of ferric ion.
 - d) In K₃[Fe(CN)₆], the ligand has satisfied both primary and secondary valencies of ferric ion.

- c) In $K_3[Fe(CN)_6]$, the ligand has satisfied only the secondary valency of ferric ion.
- d) In $K_3[Fe(CN)_6]$, the ligand has satisfied both primary and secondary valencies of ferric ion.
5. Which of the following can function as a bidentate ligand?
- NH_3
 - $C_2O_4^{2-}$
 - CO ,
 - OH^-
6. Effective Atomic Number Of Cr (Atomic Number 24) In $[Cr(NH_3)_6]Cl_3$ Is
- 22
 - 30
 - 34
 - 36
7. Which Of The Following Is Strongest Acid
- CH_3COOH
 - $ClCH_2COOH$
 - Cl_3CCOOH
 - Cl_2CHOOH
8. Which of the following is not lewis base
- CN^-
 - $AlCl_3$
 - NH_3
 - None Of These Above
9. In the crystal field model for an octahedral complex, the d_{z^2} and $d_{x^2 - y^2}$ orbitals (eg set) are at higher energy than the d_{xy} , d_{xz} and d_{yz} orbitals (t_{2g} set). Which one of the following statements best explains this behavior?
- The eg orbitals experience less electrostatic repulsion with the negative point charges than the t_{2g} orbitals.
 - The eg orbitals experience more electrostatic repulsion with the negative point charges than the t_{2g} orbitals.
 - The t_{2g} orbitals point directly at the negative point charges.
 - The splitting of the two sets of orbitals is also present in the free ion and therefore the negative point charges have no effect.
10. How many total isomers (structural isomers and stereoisomers) exist for the complex ion $[Co(NH_3)_5Cl]^{2+}$?
- 1
 - 2
 - 3
 - 4
11. Which of the following compounds would be paramagnetic?
- $Sc(NH_3)_6^{3+}$ (high spin)
 - $Zn(OH)_4^{2-}$ (tetrahedral)
 - $Co(NH_3)_6^{3+}$ (high spin)

- d) $\text{Fe}(\text{CN})_6^{4-}$ (low spin)
12. Which statement most correctly describes crystal field theory for a d block complex of unspecified geometry?
- The theory considers electrostatic interactions between a metal ion and the surrounding ligands which are taken to be point charges
 - The theory rationalizes the non-degeneracy of the metal d orbitals by considering the electrostatic repulsions between point charge ligands and electrons in the metal d orbitals
 - The theory rationalizes why the metal d orbitals are split into two levels
 - The theory considers covalent interactions between a metal centre and the surrounding ligands
13. Which metal complex ion is expected to be subject to a Jahn-Teller distortion?
- $[\text{AuCl}_4]^-$
 - $[\text{PdCl}_4]^{2-}$
 - $[\text{NiCl}_4]^{2-}$
 - $[\text{PtCl}_4]^{2-}$
14. The CFSE for a high-spin d^4 octahedral complex is:
- $-0.6\Delta_{\text{oct}}$
 - $-1.2\Delta_{\text{oct}}$
 - $-1.6\Delta_{\text{oct}}$
 - $-1.8\Delta_{\text{oct}}$
15. The 'd-d' transitions in an octahedral $[\text{NiX}_6]^{2+}$ complex are:
- Laporte forbidden but spin allowed
 - Laporte forbidden and spin forbidden
 - Laporte allowed and spin allowed
 - Laporte allowed but spin forbidden

B.Sc.- I (CBCS Pattern) Sem- I
USCST01 - Computer Science Paper-I
PROGRAMMING TECHNIQUES & INTRODUCTION TO 'C'

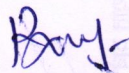
DEPTCS/UNIT-I/2022/01

Max. Marks : 25

Time :One Hours

- Notes: 1) All the questions are compulsory and carry equal marks.
2) Draw neat and labelled diagram wherever necessary.
3) Avoid vague answer and write answer relevant and specific to question only

- Que 1)** Explain Evolution of language/ Level of language. 5
- Que 2)** Different Between Compiler and Interpreter 5
- Que 3)** Explain Short Notes on Linker and Loader 5
- Que 4)** List of Characteristics of Good Programming Language 5


Head
Dept. of Computer Sci.
N. H. College, Bramhapuri
Dist. Chandrapur

Name : Ekta Santosh Bilgajya

03

Ans 2)

1] Compiler Interpreter

1] Compiler can translate at a time program

1] Interpreter is the translate the line by line program

2] Compiler is a software of system

2] Interpreter is a software of system

3] required the more memory

3] required the less memory

4] Compiler is converted the binary language to high level language

4] Interpreter is converted the high level language to low level language

03

5] It is the high level to low level languages

Ans 3] linker :- linker are link to first file to second file, and linker is joined to

2)

loader :- loader is the located the program and correct loader is the joined on linker.

2) because linker is the link first file to second file. That why linker the program.

Name :- Ekta Santosh Bilgajya

03

Ans 2)

1] Compiler

Interpreter

1] Compiler can translate at a time program

1] Interpreter is the translate the line by line program

2] Compiler is a software system

2] Interpreter is the

3] Required the more memory

3] Required the less memory

4] Compiler is converted the binary language to high level language

4] Interpreter is the converted the high level to low level language

5] It is the high level to low level languages

Ans 3] linker :- linker are link to first file to second file, and linker is joined to

loader :- loader is the located the error and correct the loader is the joined on the linker. because linker is the link first file to second file, that why linker the error.

Name - Paras Pardi

07

PAGE NO.

1. Explain evolution of language / level of language.
2. Difference betⁿ compiler and ~~itor~~ interpreter.
3. Explain short notes on linker and loader.
4. List of characteristics of good programming language.

1) → There are 4 types of levels of language.

① Machine level language: Machine level language is a language only computer can understand. It is a binary language. It consist of only 0's and 1's.
Machine level language is 1st gen language.

② Assembly

② Assembly level language: Assembly level language is 2nd gen language. It is developed for to overcome the difficulty of machine level language.

03

③ High level language: High level language is 3rd gen language. High level language were developed for programmer to understand and code easy. Computer cannot understand High level language. To overcome ~~the~~ and the difficulty of assembly language. High level language were developed.

④ 4th gen language: 4th gen language is also know as programming language or scripting language. 4th gen languages are easy to read and write. It is closer to human language.

Name - Rohit Sanjay Bodalkar

22

- 1) Explain evolution of language / Level of language.
- 2) Diff. between compiler & Interpreter.
- 3) Explain short notes on Linker and Loader.
- 4) List of characteristic of Good programming language.

Ans. 1) Evolution of Language / Level of Language.

- There are Four generation of Language.

- (i) First generation Language.
- (ii) Compiler Language.
- (iii)
- (iv) Fourth generation Language.

Zero Fourth generation language including software coding language.

Ans. 2)

Compiler

Interpreter.

22


Unit Test - II
B Sc I-(CBCS) SEM II
2022-23
Subject: Compulsory English

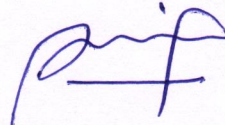
Total Marks: 20

Date: 27/03/2023

All Questions are Compulsory

- | | |
|--|----|
| Q1 Describe Phatik's experiences at school in Calcutta? | 10 |
| Q2 What were Gandhiji's reasons for trying to learn French ? | 05 |
| Q3 Do as Directed | 05 |
| i) Give him some money.(Change the voice) | |
| ii) The flower smells wonderful. (Question Tag) | |
| iii) You live in Nashik. (Question Tag) | |
| iv) Tina runs very fast, (Question Tag) | |
| v) Do it. (Change the voice) | |


M. A. Sheikh
Assitt. Prof. & Head
Department of English
N. H. College, Bramhapuri


S. G. Chaudhary


Principal
Newjabai Hitkarini College
Bramhapuri-44120

N H College Bramhapuri		
Class : BSc I (PCM)		
Subject - Compulsory English		
Unit Test - II (2022-23)		
Date : 27 March 2023		Time : 10.45 - 11.30 am
Sr No	Name of the students	Signature
1	Ashwini Ambadas Dange	<u>Ashwini</u>
2	Jayvhi Rajeshwar Giradkar	<u>Rajadkar</u>
3	pranjali subhash shende	P. shende.
4	Akanksha Jayant Meshram.	<u>Akanksha</u>
5	Jaangita Parabhakar. Karutkar	<u>Karutkar</u>
6	Kalyani Jaydev Wadhav	<u>Wadhav</u>
7	Dimpal Pundlik Kamthe	<u>Kamthe</u>
8	Shejal Shailesh Sabare	<u>Sabare</u>
9	Milkhita Bhaskar Dange	<u>Milkhita</u>
10	Anisha Suresh Ladge	<u>Ladge</u>
11	Akanksha Gajanan Wagh	<u>Wagh</u>
12	Rakhi Vilas Bawane	R.V. Bawane
13	Pranjali Sanjay Shivankar	Shivankar.
14	Kajal Anant Suryawanshi	K. Suryawanshi
15	Achal Atmaram Wadhav	A.A. Wadhav
16	Shivani Ravindra Mohatave	<u>Shivani</u>
17	Sanjana Purushottam Dighose	<u>Sanjana</u>
18	Kalyani Sanjay Chinchekar	K. S. Chinchekar
19	Shravani Ganesh Misal	<u>Shravani</u>
20	Pranati Chandra Shekhar Desai	<u>Desai</u>
21	Gauri Nandkumar Anvale	<u>Anvale</u>
22	Saloni Khushal Thakare	<u>Thakare</u>
23	Rutuja Balkrishna Thakare	<u>Thakare</u>
24	Pranali Sunil Channe	<u>P. Channe</u>
25	Ekta Santosh Bilgaya	<u>Bilgaya</u>
26	Aishwaryakami Dilip Chauke	<u>Chauke</u>
27	Bhagyashri . S. Nanhe	B.S. Nanhe.
28	Pradnya . G. Meshram	<u>Meshram</u>
29	Sayali D. Bhoyar	S.D. Bhoyar
30	Neha Santosh Pradhan	<u>Neha</u>
31	Sneha Suryabhar Thakare	<u>Thakare</u>

32	Roni Arun Barde	<u>RBarde</u>
33	Pranali Prakash Musaddiwar	<u>Musaddi</u>
34	Prachi Gangadhar Dunedar	<u>Dunedar</u>
35	Smita Bhashkar Sonkusale	<u>Sonkusale</u>
36	Milind Narendra Thakare	<u>Thakare</u>
37	chetan Ratiram Thakare	<u>Thakare</u>
38	Sabil Mohan Dhore	<u>Dhore</u>
39	Ganesh Susendra Borkute	<u>Borkute</u>
40	Gaurav Bhaupoo Meshram	<u>Meshram</u>
41	Radheshyam Rajkumar Sarete	<u>Sarete</u>
42	Milan Shamrao Bankar	<u>Bankar</u>
43	Abhay Sanjiv Turkar	<u>Turkar</u>
44	Amit Radhesham Dhote	<u>Dhote</u>
45	milind Abhay Deo	<u>Deo</u>
46	Shantanu Suresh Dhabele	<u>Dhabele</u>
47	Nilesh Narayan Mulharjee	<u>Mulharjee</u>
48	sanket Ganesh pipare	<u>Pipare</u>
49	Vaibhav Jivan Bhaisare	<u>Bhaisare</u>
50	Suyog Mangesh Nagose	<u>Nagose</u>
51	Aniket Shishupal Dahiwal	<u>Dahiwal</u>
52	Gurvan Ashok Jensekar	<u>Jensekar</u>
53	Himanshu Ravindrajji Kotsange	<u>Kotsange</u>
54	Paras R. Pardehi	<u>Pardehi</u>
55	chinmayanand Babal thengde	<u>thengde</u>
56	Pratik Ashok Gedam	<u>Gedam</u>
57	Aniket Dipkar Khetre	<u>Khetre</u>
58	Aman Aman Narendra Mate	<u>Mate</u>
59	Aniket Uttam Dhonge	<u>Dhonge</u>
60	Govinda Bramhadas Kodape	<u>Kodape</u>
61	Swarnil Harsudev Gaurave	<u>Gaurave</u>
62	Vinay Ramdas Meshram	<u>Meshram</u>
63	chokeshwar Ashok Bhye	<u>Bhye</u>
64		
65		
66		
67		
68		

Nevjabai Hitkarini College, Bramhap
Department of Botany
Student Performance (Session 2022-23)

B.Sc. Sem VI

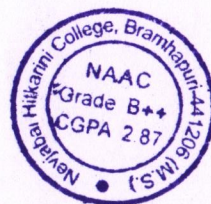
Sr. No.	Name of Student	Attendance	Assignment		Record	Unit Test	Total	Marks		
			P1	P2				Internal Assignment		Practical
		4 marks	4 marks	4 marks	4 marks	4 marks	4 marks	20 marks	10 marks	
1	BAGADE MONAL HIVRAJ	4	4	4	3	3	18	9	9	28
2	BORKAR ISHAN KHEMRAJ	4	4	4	3	3	18	9	9	26
3	DANE LILESHWARI SHRIPRABHU	4	4	4	3	3	18	9	9	29
4	DANGE SAMIKSHA HEMANT	4	4	4	4	4	20	10	10	28
5	DENGE DIKSHA MANGESH	4	4	4	4	3	19	10	9	25
6	FULZELE MAYUR MILIND	3	4	4	4	3	18	9	9	28
7	GADWAR RINA DADAJI	4	4	4	4	4	20	10	10	30
8	GEDEKAR SNEHA SANJIO	3	4	4	3	3	17	8	9	28
9	HARDE HARSHADA RAJKUMAR	4	4	4	4	3	19	10	9	27
10	HATWADE PALLAVI VINOD	3	4	4	4	3	18	9	9	20
11	HUMANE BADAL NARENDRA	3	4	4	3	3	17	9	8	28
12	HUNDARA NIKITA CHANDRABHAN	4	4	4	4	4	20	10	10	30
13	JAMBHULE BHAGHYASHRI SAMBHAJI	4	4	4	4	4	20	10	10	30
14	KADUKAR PRIYANKA SUNIL	4	4	4	4	4	20	10	10	28
15	KAMTHE SWATI MADHUKAR	4	4	4	4	3	19	9	10	29
16	KARSAL GAYTRI SUMRAN	4	4	4	3	3	18	9	9	26
17	KAWALE TANNU GIRIDHAR	4	4	4	4	3	19	10	9	29
18	KHARKATE SHRIYA BALU	4	4	4	4	4	20	10	10	28
19	KHOBRAKAR ASHU PARAMANAND	4	4	4	4	4	20	10	10	24
20	KHOBRAKAR PRITAM VILAS	4	4	4	4	4	20	10	10	30
21	KOPULWAR SAMIKSHA BABAN	3	4	4	3	3	17	9	8	29
22	KORDE ACHAL RASHMAN	3	4	4	4	3	18	9	9	27
23	KORGANDHAWAR CHANDRASHEKHAR PANDURANG	3	4	3	3	3	16	8	8	28
24	KOWACHI PRANAY SURESH	3	4	4	4	3	18	9	9	19
25	KUMBHARE RINA DILIP	4	4	4	4	4	20	10	10	24
26	KUMRE KAJAL DEORAW	4	4	4	3	3	18	9	9	30
27	LADE PRIYA HEMRAJ	4	4	4	4	4	20	10	10	30
28	MARAPE KARTIK GOPAL	3	4	4	4	3	18	9	9	24
29	MASKE SNEHA WAMAN	4	171	4	4	4	20	10	10	29

Sr. No.	Name of Student	Attendance	Assignment		Recc	Unit Test	Total	Marks		
			P1	P2				Internal Assignment		Practical
			4 marks	4 marks				P1	P2	
		4 marks	4 marks	4 marks	4 marks	4 marks	20 marks	10 marks	10 marks	
30	MASRAM SNEHAL SUBHASH	4	4	4	4	3	19	9	10	27
31	MEHER RASHMI RAMESH	4	4	4	4	4	20	10	10	28
32	MESHARAM BHAWANA LAXMAN	4	4	4	4	3	19	10	9	29
33	MULMULE RIYA JANARDHAN	4	4	4	4	4	20	10	10	29
34	NAKTODE PUNAM SURESH	4	4	4	4	3	19	10	9	29
35	PADA SUMIT MAHADEO	4	4	4	4	3	19	9	10	AB
36	PARDHI ASHWINA KESHAO	4	4	4	4	2	18	9	9	27
37	PILARE TANAYA NARENDRA	4	4	4	4	3	19	10	9	29
38	PRADHAN SHIWANI DILIP	3	4	4	4	4	19	10	9	29
39	RAHATE PRATHAMESH NARESH	3	4	4	4	3	18	9	9	18
40	RAJGIRE MONAL VILAS	3	4	4	4	3	18	9	9	29
41	SATPUTE VIDYATAI VINOD	3	4	4	4	4	19	10	9	27
42	SAWSAKDE ROHIT RAJU	4	4	4	3	3	18	9	9	28
43	SHIURKAR CHETAN RAMKRUSHNA	3	3	4	4	3	17	9	8	29
44	SONAGAR PRITI SURESH	4	4	4	3	3	18	9	9	30
45	THUTE RAHUL NANDKISHOR	3	4	3	4	3	17	9	8	28
46	TIRKEY PRITI LALDEV	3	4	4	4	3	18	9	9	29
47	TRIMBAKE ANJALI PRAKASH	4	4	4	4	3	19	10	9	29
48	ZURMURE SHRAVANI SAMBASHIO	4	4	4	4	4	20	10	10	28



Head

Department of Botany
Ms. Nilima U. Rangari
 Head & Assistant Professor
 Dept. of Botany
 N. H. College, Bramhapuri




Principal
 Nevjabai Hitkarini College
 Bramhapuri-441206

Nejvabai Hitkarini College, Bramhapuri
Department of Botany
Student Performance (Session 2022-23)

B.Sc. Sem II

Sr. No.	Name of Student	Attendance	Assignment		Record	Unit Test	Total	Marks		
			P1	P2				Internal Assignment		Practical
		4 marks	4 marks	4 marks	4 marks	4 marks	4 marks	20 marks	10 marks	
1	ADKINE SHARAD DILIP	2	3	3	0	2	10	5	5	A
2	ANSARI ASHFEEN ATAULMUSTAFA	4	4	4	4	4	20	10	10	30
3	BAKDA SRUSHTI SUKHANATH	4	4	4	4	3	19	9	10	24
4	BANPURKAR CHARITRA ISHWAR	3	4	4	4	3	18	9	9	21
5	BANSOD RIDDHI BHASHKAR	4	4	4	4	4	20	10	10	29
6	BHAJIPALE SHITAL HOMRAJ	4	4	4	4	4	20	10	10	30
7	BHANARKAR DISHA BALIRAM	4	4	4	4	3	19	9	10	29
8	BHARRE ASHUBH DILIP	4	4	4	4	3	19	9	10	25
9	BHONDE SHRUTI BISAN	3	4	4	4	3	18	9	9	24
10	BOKADE KIRTI RAMDAS	3	4	4	4	3	18	9	9	29
11	BURADE PALLAVI RAJENDRA	3	4	4	4	3	18	9	9	28
12	CHAUDHARI MAYURI RAJENDRA	3	4	4	4	3	18	9	9	27
13	DAHIWALE KANAK SUMANTKUMAR	3	4	4	4	3	18	9	9	29
14	DHANDARE SWATI SUDHAKAR	4	4	4	4	4	20	10	10	28
15	DONADKAR NIKHITA RAJU	3	4	4	2	3	16	8	8	23
16	DONADKAR TRUPTI PURUSHOTTAM	4	4	4	4	4	20	10	10	30
17	DUDHAKUWAR CHETALI RAMKRUSHNA	2	3	3	0	2	10	5	5	A
18	KARCADE KETAN DILIP	3	4	4	4	3	18	9	9	23
19	KARCADE SHARVARI RAVINDRA	3	4	4	4	3	18	9	9	18
20	KUMARE ADITI NATHUJI	4	4	4	4	3	19	9	10	19
21	MANKAR TRUPTI ANTARAM	4	4	4	4	3	19	10	9	30
22	MARGONWAR APRAJITA VIJAY	4	4	4	4	4	20	10	10	30
23	MESHARAM KOMAL RAJESHWAR	3	4	4	4	3	18	9	9	24
24	MOHARKAR SIMRAN BHAGWAT	4	4	4	0	2	14	7	7	A
25	NANDANWAR LALKRUSHNA SULKSHAN	3	4	4	4	3	18	9	9	14
26	PARDHI SAGAR MORESHWAR	4	4	4	4	4	20	10	10	30
27	PRADHAN BHAIKAVI CHHAGAN	4	4	4	2	4	18	9	9	A
28	PRADHAN PRANJALI DNYANESHWAR	4	4	4	4	4	20	10	10	29
29	RAUT CHAITANYA DILIP	3	3	2	2	2	12	6	6	22

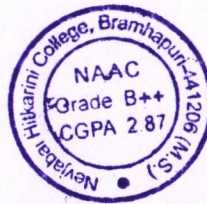
Sr. No.	Name of Student	Attendance	Assignment		Record	Unit Test	Total	Marks		
			P1	P2				Internal Assignment		Practical
			4 marks	4 marks				P1	P2	
		4 marks	4 marks	4 marks	4 marks	4 marks	20 marks	10 marks	10 marks	
30	RAUT CHAKRADHAR SUDHIR	3	4	4	4	3	18	9	9	A
31	RAUT VAISHNAVI RAMRATAN	4	4	4	4	4	20	10	10	25
32	SAHARE MAHESHWARI MADHUSUDAN	3	4	4	2	3	16	8	8	24
33	SAIYYAD RUKHSARBANO KASAMALI	3	4	4	4	3	18	9	9	A
34	SHENDE NIKITAI RAJU	4	4	4	4	4	20	10	10	26
35	SIDAM NAMRATA PADMAKAR	3	4	4	4	3	18	9	9	A
36	THAKARE DHAWAL DHANRAJ	3	4	4	4	3	18	9	9	A
37	THAKARE SARANG DNYANESHWAR	4	4	4	4	4	20	10	10	25
38	TORE PRAJAKTA PRABHAKAR	3	4	4	4	3	18	9	9	26
39	TUPAT BHUMESHWARI PRAKASH	4	4	4	4	4	20	10	10	28
40	TUPATE KOMAL RAVI	4	4	4	4	4	20	10	10	28
41	VAIDYA ISHA MANIK	3	4	4	4	3	18	9	9	28
42	WATGURE AKANKSHA SHANKAR	4	4	4	4	3	19	10	9	29
43	YERME ANURAG PRAMOD	2	4	4	4	2	16	8	8	24



Head

Department of Botany

Ms. Nilima U. Rangari
Head & Assistant Professor
Dept. of Botany
N. H. College, Bramhapuri




Principal
Nevjabai Hitkarini College
Bramhapuri-441206

P.G. DEPARTMENT OF BOTANY
M.Sc. Sem III Botany (Session 2022-23)

Seminar

Sr.No.	NAME OF STUDENT	Topic	Date	Sign
1	AKANKSHA GIRIDHAR AMRUTKAR	Mechanism of ecological succession	08/10/2022 From 10.00 am	AB
2	AMRUTA KISAN NANHE	Concept of ecological niche and Autecology		AB Rep...
3	ANJALI GHANSHYAM NAKADE	Ecosystem structure function		GNakade
4	ANJALI NANDESHWAR SHINGADE	Energy dynamics		AB
5	ASHWINI VIJAY KAPGATE	Ecosystem stability- concept		AKapgate
6	CHHAMMA JAGDISH KSHIRSAGAR	Ecology of plant invasion		C.J.kshirsagar
7	DHANSHREE ANANDRAO KURZEKAR	Transcription in prokaryotes		DKurzekar
8	DIKSHA RAMKRUSHNA KAMDI	Transcription in eukaryotes		Kamdi
9	DIVYA MUKHARU GHOLLAR	Fine structure of gene		GHOLLAR R
10	KHEMESHWARI YADAV DUDHAKUWAR	Introns and their significance		Beech
11	KHUSHBU SURESH BHURE	Protein targeting to mitochondria and peroxysomes		Bhure
12	MADHURI MAROTRAO BORKAR	Protein targeting to nucleus and vacuoles		MBorkar
13	MAYURI DHANPAL MESHARAM	Electrophoresis	10/10/2022 From 10.00 am	DM
14	NEHA PRATIKKUMAR RAMTEKE	Immunotechniques		NRamteke
15	PAYAL TIKARAM KAWALE	FISH, GISH		Kawale
16	PRAGATEE SHRIKRUSHNA SHERKURE	Confocal microscopy		PSherkure
17	RAJESHWARI ASHOK SONKUSARE	Anther structure		RSonkusare
18	RAVINA SHAIDAS PILARE	Male gametophyte developement		AB
19	RUPALI KEWALRAM GAIKAWAD	Pistil- carpel determination		RGaikwad
20	SHIVANI YASHWANT KHOBRADE	Differential behavior of sperms		SKhobrade
21	SHWETA SHALIKRAM INDURKAR	Pollen abortion and male sterility		SIndurkar
22	VISHAKHA DIWAKAR KASHIWAR	Megasporogenesis		VK
23	YADNYIKA BHASKAR BOKADE	Role of mitochondrial genome in male sterility and gametocides		YBokade
24	YOGITA NAMDEO GHORMODE	General concept of incompatibility, and self incompatibility		YGHORMODE

Note : Seminar will be held at B.Sc. Botany Lab.



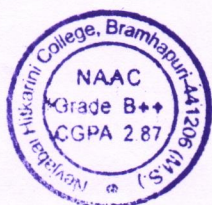
Department of
Department of Botany
N. H. College, Bramhapuri

Principal
Nevjabai Hitkarini College
Bramhapuri-441201

Seminar

Sr.No.	NAME OF STUDENT	Topic	Date	Sign
1	ACHAL BHAGWAN KAMDI	Bacteria structure - Morphology and reproduction	04/10/2022 From 10.00 am	<i>Bundi</i>
2	ANJALI MADHUKAR KAMDI	General Character of Bryophytes. Ecology of Bryophytes		<i>Kamdi</i>
3	BHAGYASHRI RAKESH GEDAM	Paleobotany: Plant fossils and geological time scale		<i>Gedam</i>
4	BHAVIKA KACHARU SAHARE	Mendel's Law		<i>Kacharu</i>
5	DHANASHRI ANIL BAHEKAR	Archaeobacteria: General account and ultrastructure		<i>Bahekar</i>
6	DIKSHA SURESH PISE	General account : Hepaticopsida and Anthocerotopsida		<i>AB</i>
7	DURGA MUKHARU TONDARE	Chromosome Structure.		<i>AB</i>
8	KAVITA RAMDAS GAYKAWAD	General a/c, fossil, origin Of Gymnosperms		<i>Gaykawad</i>
9	KOMAL NANAJI FATING	Bacteria: Structure, morphology.		<i>Khatiny</i>
10	LAXMI BHASKAR BARSAGADE	General a/c in Bryopsida + Fossil history of byrophytes		<i>Barsagade</i>
11	LINA NILKANTH VAIRAGADE	General a/c : Pteridospermale and cycadales		
12	LOCHANA RAMESH MUNGMODE	Structural and numerical in chromosome		<i>Mungmode</i>
13	MIRA ASARAM NAGRIKAR	Viruses: General a/c and structure of TMV		<i>Nagrikar</i>
14	MRUNALI SHAMRAO GANDATE	General a/c : Cordaitales, Gnetales	06/10/2022 From 10.00 am	<i>Shende</i>
15	PRIYANKA PURUSHOTTAM BANKAR	Mutation and crop improvement		<i>Bankar</i>
16	PRIYANKA SATYAJIRAO BARSE	Algae: Cell ultrastructure and reproduction		<i>AB</i>
17	PRIYANKA WAMAN GAJBHIYE	General a/c of Ryniopsida, Psilopsida		<i>AB</i>
18	ROHINI NAGESHWAR DESHMUKH	General a/c of Caytoniales, Glossopteridales		<i>Rohini</i>
19	SANTOSHI MURLIDHAR TEKAM	Molecular basis of chromosome pairing <i>Packaging of DNA</i>		<i>Sekeem</i>
20	SHITAL SOMESHWAR ATRAM	Fungi: Fungal cytology		<i>Atram</i>
21	SIMA RANVIDRA KAMDI	General a/c sphenopsida and Filicopsida		<i>Shende</i>
22	TRUPTI ARUN SHENDE	Plant Pathology: plant diseases.		
23	NEMICHAND NAJUK PUSTODE	General Characters of pteridophytes and evolution of stele		<i>Pustode</i>
24	MOSAMI A. JAMBHULE	Bacteriophage; Introduction viroids and Prions and interferon		<i>Jambhule</i>
25	CHAITALI H. HATWAR	Algal blooms and algal biofertilizers		<i>Hatwar</i>
26	ANJALI P. YERME	Ultrastructure, reproduction of Archaeobacteria		<i>Yerme</i>

Note : Seminar will be held at B.Sc. Botany Lab.

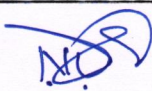


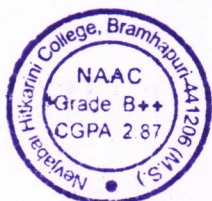
Head
Department of Botany
N. H. College, Bramhapuri

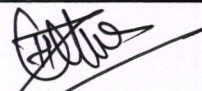
Principal
Nevjabai Hitkarini College
Bramhapuri-441207

N. H. College Bramhapuri
P. G. Department Botany
M.Sc. Sem IV : Field Project List 2022-23

Sr.	Student Name	Projct Name	Supervisor	Remark
1	AKANKSHA GIRIDHAR AMRUTKAR	"Fresh water Algae of Navkhala village lake"	Ms. Nilima U. Rangari	
2	DUDHAKUWAR KHEMESHWARI YADAV	"Freshwater Algal Diversity & BIO-Indication of Water Resources from funeral site Wainganga River Wadsa Dist-Gadchiroli"	Ms. Nilima U. Rangari	
2	KAMDI DIKSHA RAMKRUSHNA	"A Preliminary study of freshwater algae recognition and classification system from Bokodoh River, Talodhi (Ba.)"	Ms. Nilima U. Rangari	
3	KAPGATE ASHWINI VIJAY	A priliminary study on freshwater algae from Shivanibandh lake at Shivani Dist. Bhandara"	Ms. Nilima U. Rangari	
3	KSHIRSAGAR CHHAMMA JAGDISH	"Study of Ethnobotanical Medicinal Plant Use For Treatment of Kidney Stone From Bramhapuri "	Ms. Nilima U. Rangari	
4	NAKADE ANJALI GHANSHYAM	"A priliminary study of freshwater algae recognition and classification system from Kutannbodi, Arjuni/Mor. Dist. Gondia"	Ms. Nilima U. Rangari	
4	NANHE AMRUTA KISAN	"Study of ethanobotnical plant use for treat bone fracture in local area Bramhapuri"	Ms. Nilima U. Rangari	
5	SHINGADE ANJALI NANDESHWAR	"Study of Ethnobotanical Plant use for Hair Loss in Local Area Bramhapuri"	Ms. Nilima U. Rangari	
5	GHORMODE YOGITA NAMDEO	"Effect of IBA On The Growth Of <i>Trigonella Foenum Graecum</i> L."	Dr. A. J. Mungole	
6	INDURKAR SHWETA SHALIKRAM	"Ornamental Flora of Bramhapuri City"	Dr. A. J. Mungole	
6	KASHIWAR VISHAKHA DIWAKAR	"Tree diversity of Bramhapuri city"	Dr. A. J. Mungole	
7	KHOBRADE SHIVANI YASHWANT	"Effect of IAA on the growth of <i>Trigonella Foenum Graecum</i> L."	Dr. A. J. Mungole	
7	RAMTEKE NEHA PRATIKKUMAR	"Comparative Soil Analysis From Two Different Ecosystem With Special Reference to The Estimation of Soil Organic Corbon"	Dr. A. J. Mungole	
8	SHERKURE PRAGATI SHRIKRUSHNA	"Comparative Soil Analysis From Two Different Ecosystem with Special Reference to the Estimation of Soil Organic Carbon"	Dr. A. J. Mungole	


Head
Department of Botany




Principal
N. H. College Bramhapuri

Principal
Nevjabal Hitkarini College
Bramhapuri-441206

NEVJABAI HITKARINI COLLEGE, BRAMHAPURI

Mentor Mentee Record

Session: 2022-23

Class: B. Sc. I Year (Math)

Mentor :- Dr. A. N. Yerpude, N. H. College, Bramhapuri

Sr No	Name of Students	Students' problems in education (Mental stress, social problem, fear for education)	Cures and guidance	Students with disability (Blind, deaf etc.)	Email and Mobile no.	Signature
1	Aniket Shishupal Dahiwalé	Mental stress	Tried to solve social and educational problems related to stress.	Nil	aniketdahiwalé05@gmail.com 960731126	<i>Aniket</i>
2	Sanjana Purushottam Dighore	Fear for exams	Guidance was given on how to solve question papers and writing skills.	Nil	sanjanadighor@gmail.com 8080143048	<i>Sanjana</i>
3	Sahil Moham Dhore	Lack of confidence for competitive exams	Efforts were taken to build up confidence by explaining numerous techniques.	Nil	sahildhore23@gmail.com 9529186357	<i>Sahil</i>
4	Pranoti Chandrashekhar Dewaikar	Mental stress and fear for exams	Tried to solve social problems, besides guidance was given on how to solve question papers and writing skills.	Nil	pranotidewaikar484@gmail.com 9423618430	<i>Pranoti</i>
5	Ashwini Ambadas Dange	Lack of confidence	Efforts were taken to build up confidence by taking class seminar.	Nil	dangeashwini116@gmail.com 8806765506	<i>Ashwini</i>
6	Prachi Ganghadhar Dunedar	Fear for exams	Guidance was given on how to solve question papers and writing skills.	Nil	dunedarprachi@gmail.com 8007493400	<i>Prachi</i>
7	Rohit Sanjay Bodalkar	Feeling uncomfortable in class	Asked about the things which bring uncomforness in classroom and tried to solve it.	Nil	bodalkarrohit@gmail.com 9921923609	<i>Rohit</i>

Chitras
Off. Principal
Nevjabai Hitkarini College,
Bramhapuri, Dist. Chandrap



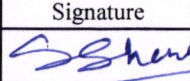
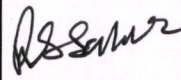
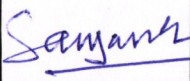
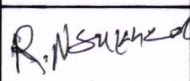
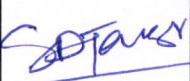


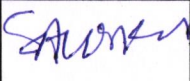
Dr. A. N. Yerpude
Teacher (Mentor)


Name : Dr. A. N. Yerpude

N H College Bramhapuri
Mentor and Mentees
2022-23

Name of the Mentor : Milind Pathade

Date on 15/7/2022

Sr. No	Name of the students	Class	Lack of confidence	Fear about writing in Exam	Memory problem	Stress	Signature
1	Shende Sanjana Sheshrao	B A III		Daily practice of writing in the note book with attention is given to the			
2	Sahare Rohit S	B A III	Regular attention has provided and encouraged her to speak on the stage				
3	Shende Sanjana Dhanraj	B A III	Daily recitaion has given to her. She has built the habit of reading and writing regularly				
4	Shukhadeve Rani Nijam	B A III			Regular study with loud reading suggested and forced to do		
5	Thengre Sachin Devendra	B A III	Encouraged her to speak and present herself before elders as well as teacher			Suggested to read motivational books. Provited books to read	
6	Tupat Amir Ravindra	B A III		Daily Practice of writing has been taken. Extra attention paid on her writing			
7	Vidya Pranali Guridas	B A III	Poured Confidence by telling stories of great leaders and intelligent persons				
8	Urkude Snehal Asaram	B A III	Regular attention has provided and encouraged her to speak on the stage				


Mentor: Milind Pathade

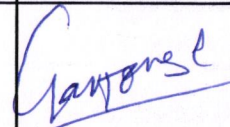
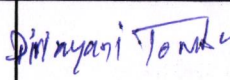
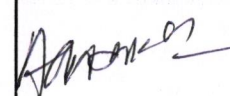
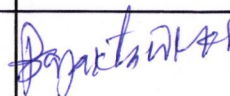
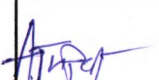
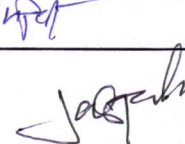
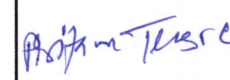


Head


Principal
Neerajbai Hitkarini College
Bramhapuri-441205

N H College Bramhapuri
Mentor and Mentees
2022-23

Name of the Mentor : Milind Pathade

Date on 18/12/2022

Sr. No	Name of the students	Class	Lack of confidence	Fear about writing in Exam	Memory problem	Stress	Signature
1	Tonge Gaurav	B A III	Regular attention has provided and encouraged her to speak on the stage				
2	Thombare Divayani	B A III		Daily practice of writing in the note book with attention is given to the student. He has committed less mistakes in writing.			
3	Wanaskar Atish	B A III	Daily recitaion has given to her. She has built the habit of reading and writing regularly				
4	Vikhar Prajakta	B A III			Regular study with loud reading suggested and forced to do		
5	Tupat Amit	B A III		Daily Practice of writing has been taken. Extra attention paid on her writing			
6	Talmale Jaya	B A III				Suggested to read motivational books. Provided books to	
7	Thenagre Pritam	B A III		Daily practice of writing in the note book with attention is given to the student. He has committed less mistakes in writing.			
8	Sonkar Rohini	B A III			Regular study with loud reading suggested and forced to do		

Mentor: Milind Pathade

Head


Principals
Nevjabai Hitkarini Colle
Bramhapuri-44120

NEVJABAI HITKARINI COLLEGE BRAMHAPURI

Mentor and Mentee

Session - 2022-23

Class- B. Com. I

Sr No	Name of Students	Students' problems in education (Mental stress, social problem, fear for education)	Remedy and Counseling	Students with disability (Blind, deaf etc.) collection of certificates	Email of students	Mobile no of students	Signature 22/07/2022	Signature 16/08/2022	Signature 19/09/2022	Signature 03/10/2022	Signature 30/11/2022	Signature 14/12/2022	Signature 15/01/2023	Signature 12/02/2023
1	RAKSHA DIWAKAR RAUT	Lack of confidence	Efforts were taken to build up confidence by taking class seminar/various activity etc.	Nil	Rahikaraut@gmail.com	7020312324	R. Raut	R. Raut	R. Raut	R. Raut	R. Raut	R. Raut	R. Raut	R. Raut
2	MUSKAN PRAMOD NAKTODE	Fear for exam	Guidance was given on how to solve question papers and writing skills /various activity etc.	Nil	Muskanprank6@gmail.com	8766671594								
3	HEMA VINOD SATPUTE	Lack of confidence	Efforts were taken to build up confidence by taking class seminar	Nil	Hemasatpute1408@gmail.com	7821833189								
4	MANTHAN LALAJI BORKAR	Mental stress	Tried to solve social and educational problems related to stress./various activity etc.	Nil	Manthanlalajiborkar@gmail.com	9022683977	M.L. Borkar	M.L. Borkar	M.L. Borkar	M.L. Borkar	M.L. Borkar	M.L. Borkar	M.L. Borkar	M.L. Borkar
5	PRAJKTA RUPCHAND MESHAM	Lack of confidence	Efforts were taken to build up confidence by taking class seminar/various activity etc.	Nil	Prajaktameshram50@gmail.com	8261028466	Pmeshram	Pmeshram	Pmeshram	Pmeshram	Pmeshram	Pmeshram	Pmeshram	Pmeshram
6	KAJAL DIPAK LATARE	Mental stress and fear for exam	Tried to solve social problems, besides guidance was given on how to solve question papers and writing skills /various activity etc.	Nil	Kajallatare25@gmail.com	7020342063	K. Latare	K. Latare	K. Latare	K. Latare	K. Latare	K. Latare	K. Latare	K. Latare

Sr No	Name of Students	Students' problems in education (Mental stress, social problem, fear for education)	Remedy and Counseling	Students with disability (Blind, deaf etc.) collection of certificates	Email of students	Mobile no of students	Signature 22/07/2022	Signature 16/08/2022	Signature 19/09/2022	Signature 03/10/2022	Signature 30/11/2022	Signature 14/12/2022	Signature 15/01/2023	Signature 12/02/2023
7	SAMIR SANJAY KAMDI	Feeling uncomfortable in class	Asked about the things which bring discomfort in classroom and tried to solve it/various activity etc.	Nil	Samirkamdi4455@gmail	8767407493								
8	ANURAG RAJKUMAR MANDAPE	Lack of confidence	Efforts were taken to build up confidence by taking class seminar/various activity etc.	Nil	Anuragmandape@gmail.com	7020302899								
9	MAHENDRA KEWALRAM BORKAR	Mental stress and fear for exam	Tried to solve social problems, besides guidance was given on how to solve question papers and writing skills /various activity etc.	Nil	Mkborkar@gmail.com	7588717663								

Dr. R. B. Meshram
HOD, Dept of Commerce

Teacher (Mentor)
Name : Dr. V.V. Nagbhidkar
Asst Professor, Dept of Commerce

Principals
Nevjabai Hitkarini College
Bramhapuri-44120


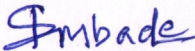
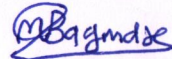
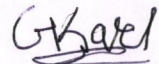
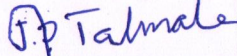
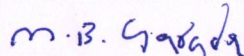
NEVJABAI HITKARINI COLLEGE BRAMHAPURI

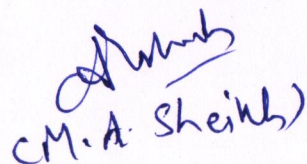
Mentor and Mentee Record (2022-23)

B.A.III Communicative English & English Literature

Date of Communication : 29-11-2022

Name of the Mentor : Mohammad Aslam Shiekh

No. on Roll	Name of Students	E-mail	Exam, stress, Financial etc. related problems of students.	Remedy/Counseling	Specially abled students if any	Signature of the students
73	PANKAJ MORESHWAR MESHAM	moreshwarpankaj6@gmail.com	Agneevir failed in running/preparation for police recruitment/Lack of confidence	Motivated the student saying worry and inferiority the greatest barrier in the way of realization success. It is a great hindrance to build confidence.	Nil	
74	SHWETA PRAMOD AMBADE	shpram2909@gmail.com	Family problem causes stress during study	Convinced her not to get influenced by past bitter experiences by citing examples of some legendary players.	Nil	
76	MEGHA VIRESH BAGMARE	meghviresh09@gmail.com	Lack of stage daring	Asked her not to fear from failure without participating in presentation. And even during the presentation, failure is usually the part of it.	Nil	
77	GAYATRI BABAN KAR	gayatribaban008@gmail.com	Tense about upcoming exam	Discussed about the question pattern, nature of questions and how to solve the answers to the questions of different types.	Nil	
80	JAYA DILIP TALMALE	jaydilip89@gmail.com	Difficulty in understanding	Learning tips were given	Nil	
81	MANISHA BABAN GARADE	manishababan789@gmail.com	Feeling uncomfortable in class	Main causes were found out and guidance was given on that points	Nil	


M.A. Sheikh

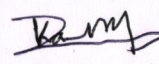
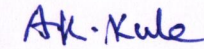
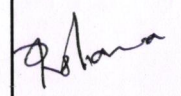
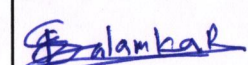

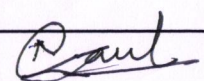


Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Mentor and Mentee Record (2022-23)

B.A.III Communicative English & English Literature

Date of Communication : 29-11-2022

Name of the Mentor : Mohammad Aslam Shiekh

No. on Roll	Name of Students	E-mail	Exam, stress, Financial etc. related problems of students.	Remedy/Counseling	Specially abled students if any	Signature of the students
82	DIMPAL KALIDAS MESHARAM	dimpalkalidas222@gmail.com	Engagement in multi-activities - preparation for police recruitment, classes of MSCIT etc.	Discussed about the time management and resolved the issue by making daily time table for study.	Nil	
83	AKSHAY NILKANTH KULE	akshaynilkanth800@gmail.com	Lack of confidence	He was encouraged to talk in the class in front of the students and tips were given on how to build up confidence	Nil	
86	RESHMA NARESH MAKADE	reshmanareesh010@gmail.com	Tense due to upcoming exam	Discussed about the question pattern, nature of questions and how to solve the answers to the questions of different types.	Nil	
99	SEJAL VASANT KALAMKAR	sejalkal13@gmail.com	Fell ill for around 01 month due to which study for upcoming examination not done.	Explained the question pattern, concepts of syllabus in brief. Assurance is given to contact me or the subject related teacher, whenever she finds difficult in study.	Nil	
101	VIJAYA NALIND JANBANDHU	vijayanaljan@gmail.com	Due to irregularity, no knowledge of question pattern	Explained the question pattern, concepts of syllabus in brief. Assurance is given to contact me or the subject related teacher, whenever she finds difficult in study.	Nil	
103	SONIYA YOGIRAJ KUTHE	soniyayogiraj@gmail.com	Lack of concentration due to Sickness and weakness	Exemplary works of specially abled people in various fields enumerated. Convinced that small sicknesses can be got over.	Nil	 

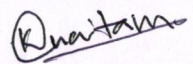
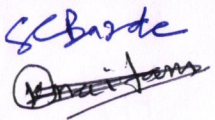
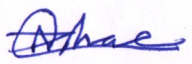
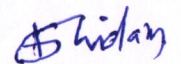
M. A. Sheikh
(M.A. Sheikh)


Mentor and Mentee Record (2022-23)


B.A.III Communicative English & English Literature

Date of Communication : 29-11-2022

Name of the Mentor : Mohammad Aslam Shiekh

No. on Roll	Name of Students	E-mail	Exam, stress, Financial etc. related problems of students.	Remedy/Counseling	Specially abled students if any	Signature of the students
105	KUNAL PRITLAL NAITAM	kunalprital777@gmail.com	What to do after graduation? Still unknown.	After interaction, the student shared his liking for competitive examination.	Nil	
110	SNEHA CHANGDEO BARDE	snehabarde20@gmail.com	Due to irregularity, no knowledge of question pattern	Explained the question pattern, concepts of syllabus in brief. Assurance is given to contact me or the subject related teacher, whenever she finds difficult in study.	Nil	
117	DIGESHWAR ANNAJI THAKARE	digeshwarthakare300@gmail.com	takes 01 hr. to reach college. Impact on first period	Assurance given that the lapsed first periods will be compensated as and when the student come with difficulty in study.	Nil	
126	SWAPNIL SHESHRAO CHIDAM	swapnilsheshrao209@gmail.com	lack of confidence. Tried once to give talk on the occasion of Adivasi day at the Adivasi hostel, Bramhapuri	He was encouraged to talk in the class in front of the students and tips were given on how to build up confidence	Nil	


 Prof.M.A.Sheikh
 Department of English


 Dr.D.H.Gahane
 Principal
 Off. Principal
 Nevjabai Hikanani College
 Bramhapuri, Dist. Chandrapur

नेवजाबाई हितकारिणी महाविद्यालय, ब्रम्हपुरी

वर्ग :- बी.ए. भाग-१ सत्र. २०२२-२३

अ. क्र.	विद्यार्थ्यांचे नाव	विद्यार्थ्यांच्या शिक्षणातील अडचणी (मानसिक ताण, वैयक्तिक तथा सामाजिक अडचण, शिक्षणातील भिती	केलेले उपाय/ समोपदेशन नोंद	दिव्यांग विद्यार्थी (बहिरा,अंध) प्रमाणपत्र नोंद व जमा करणे	विद्यार्थ्यांचा इमेल व मोबाईल नं.	शेरा
१.	ज्योती संतोष आडकिने	अभ्यासातील मानसिक ताण,भिती	कौटुंबिक अडचण लक्षात घेऊन योग्य मार्गदर्शन केले.	निरंक	iyotiadkine@gmail.com Mob No. 9307123420	
२.	निकिता राजेन्द्र आंबोणे	वैयक्तिक अडचण	नकाशे व प्रतिमान यांचा वापर करून सोप्या पद्धतीने समजावून देऊन भिती कमी केली	निरंक	ambonenikita@gmail.com Mob No. 9370724085	
३.	रोशन देवराव अरनवार	शिक्षणातील अनावश्यक भिती, ताण	विविध संकल्पना तपशिलवार समजावून देऊन प्रक्षेपणातील अडचण दुर करून भिती कमी केली	निरंक	roshanaranwar@gmail.com Mob No. 9623192596	
४.	प्रणाली इश्वर बन्सोड	कमतरता आत्मविश्वासाची	समाजातील कार्यक्रमात भाग घेण्यास प्रोत्साहन केले .	निरंक	pranalibansod@gmail.com Mob No. 7057214534	
५.	समिर कवडू बावणे	अभ्यासातील अडचण	अभ्यास करण्याची पध्दत बदलली तसेच मोजके टिपण घेण्यास सांगुन आत्मविश्वास वाढविला	निरंक	samirbawane060@gmail.com Mob No. 9673549534	
६.	स्नेहल सुनिल बावणे	वैयक्तिक पैशांची अडचण	विद्यार्थ्यांची परीक्षा फी भरून मदत केली. तसेच	निरंक	kd8103260@gmail.com Mob No. 9309384207	

अवा कुशिका राजेणेची माहिती दिवा.



[Signature]
Head

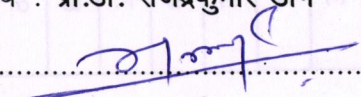
Department of Geography
N. H. College, Bramhapuri

34	BEDARE DIPAK ASHOK		
35	BEDARE PUNAM DEOCHAND		
36	BEDARE SHIVANI SUNIL		
37	BEDARE SWATI MAHADEO		
38	BEHARE SUHANI DATTU		
39	BHAGADKAR ABHIJIT EKNATH		
40	BHAGADKAR SARGAM MAROTI		
41	BHAGADKAR VRUSHALI DIWAKAR		
42	BHANARKAR ANKITA HEMRAJ		
43	BHANARKAR NAINA KAMLESH		
44	BHANARKAR SARANG PRABHU		
45	BHARRE VAIBHAV RAVINDRA		
46	BHENDARE ARPITA MAROTI		
47	BHENDARE GAURAO MAHADEO		
48	BHENDARE SUSHANK RAMESH		
49	BHIWANKAR ANUP MANOHAR		
50	BHOYAR AKASH ANANDRAO		
51	BHOYAR NAINA ARUN		
52	BHOYAR PRATIKSHA DIWAKAR		
53	BHOYAR VAISHANVI RAJENDRA		
54	BHURLE SAJITA DHANRAJ		
55	BHURSE VIKRANT SANTOSH		
56	BHUTE MITHUN GANGADHAR		
57	BOGA PAPPU DULARAM		
58	BORKAR VAISHANVI PRAMOD		

७.	दिपक अशोक बेदरे	सामाजिक भिती व दडपण	कौटुंबिक अडचण लक्षात घेऊन योग्य मार्गदर्शन केले.	निरंक	dipakbedare532@gmail.com Mob No. 8767182691
८.	सुहानी दत्तू बेहरे	परीक्षेच्या कालखंडातील ताण	पेपरविषक असलेली भिती दूर केली व क्रमबद्ध अभ्यास करण्यास प्रवृत्त केले	निरंक	suhanibehare@gmail.com Mob No. 8788869128
९.	नयना कमलेश भानारकर	शैक्षणिक सहलीबददलचा गैरसमज	शैक्षणिक सहलीचे महत्व विशद करून सहलीबददलचा गैरसमज दूर केला.	निरंक	nainabhanarkar@gmail.com Mob No. 8390825936
१०.	अनूप मनोहर भिवनकर	परीक्षेची भिती व दडपण	अभ्यासक्रम समजावून मागील दोन तीन वर्षातील पेपरची रचना कशी आहे, याबद्दल मार्गदर्शन केले.	निरंक	anupbhiwankar@gmail.com Mob No. 7066384678
११	साजिता धनराज बुरले	मानसिक ताण व कमतरता आत्मविश्वासाची	मानसिक ताण कमी करण्यास सांगितले व सकारात्मक विचार करण्या संबंधात मार्गदर्शन केले	निरंक	sajitaburale@gmail.com Mob. No. 82638335409
१२	मिथुन गंगाधर भुते	अभ्यासातील मानसिक ताण,भिती	नकाशे व प्रतिमान यांचा वापर करून सोप्या पद्धतीने समजावून देऊन भिती कमी केली	निरंक	mithuanbhute@gmail.com Mob No. 7666893067

शिक्षक (Mentor)

नाव : प्रा.डॉ. राजेंद्रकुमार डांगे

सही : 

N. H. College, Bramhapuri
Department Of Geography
Years 2021-22

Faculty : Humanities

Mentor - Mentees List

Class : B.A.-I

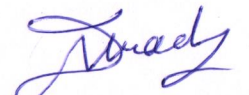
Sr. No	Student Name		
1	ADE JAYSHREE PANDHARI		
2	ADE SHUBHAM ISHWAR		
3	ADKINE JYOTI SANTOSH		
4	ADKINE SHUBHANGI VIKAS		
5	ALBANKAR AYUSH SURESH		
6	ALBANKAR KARAN MORESHWAR		
7	ALBANKAR OMKAR RATIRAM		
8	ALE ADITYA BHASKAR		
9	AMBONE DIPALI VILAS		
10	AMBONE NIKITA RAJENDRA		
11	AMBORKAR DNYANESHWARI PURUSHOTTAM		
12	AMBORKAR SAHIL VINAYAK		
13	ARANWAR ROSHAN DEVRAO		
14	ATRAM MAROTI TULARAM		
15	AWASARE SAMIR KISHOR		
16	BADAN VISHAL SUNIL		
17	BAGDE RAHUL DHANRAJ		
18	BAGMARE AKANKSHA PRABHAKAR		
19	BAGMARE GANESH SANTOSH		
20	BAGMARE KUNAL PURUSHOTTAM		
21	BAGMARE PRAGATI GOPICHAND		
22	BANPURKAR SAMRUDDHI NARENDRA		
23	BANSOD PRANALI ISHWAR		
24	BANSOD SUPRIYA PURUSHOTTAM		
25	BARDE KETAN DILIP		
26	BATHE KHUSHALINI PRAMOD		
27	BAWANE KAJAL NAGO		
28	BAWANE SAMIR KAWADU		
29	BAWANE SNEHAL SUNIL		
30	BAWANE VISHAL SHRAWAN		
31	BAWANKAR PRAFUL SOMAJI		
32	BAWANKULE KUNAL TARACHAND		
33	BAWANTHADE ISHA DIWAKAR		

Mentee List
Nevjabai Hitkarini College Bramhapuri
Session 2022-23

Sr. No.	Name of Student	Problems/difficulties in the education of student (Mental stress, Personal or Social problems, Phobia related to Education)	Measures taken to solve the problems/ concealing	Physically disabled student (deaf, dumb) Certificate no. and collect it.	Mobile no.	Students e-mail
1	ANURAG PRAMOD YERME	Exam phobia	Built confidence and told him to take a long breath and stay relax before the exam	Nil	7058315182	anuragerme@gmail
2	HIMANSHU RAVINDRA KOTRANGE	How to handle present situation of society	Encouraging them to involve in the social awareness programme	Nil	9699612283	himanshukotranbe@gmail.com
3	MAYURI RAJENDRA CHAUDHARI	Low confidence	Motivated her, help to recognize her strength and also weakness	Nil	8208052497	Mayurichowdhari123@gmail,com
4	KALYANI JAYDEV WADHAI	Fear about digital utilization	Guided regarding problems	Nil	9356763662	Kalyaniwadhahi11gmail.com

5	KAJAL PALAKDASH KUTHE	Financial problems	Help him through earn and learn scheme	Nil	7796210950	Kuthekajal20@gmail.com
6	TRUPTI ANTARAM MANKAR	Unaware about science related competitive examination	Told the name of different competitive examination and discuss the syllabus of respective exam	Nil	9765515802	Truptimankar77@gmail.com
7	UTKARSH TARACHAND MHASHAKHETRI	Fear about periodic table	Gave some tricks to remember periodic table	Nil	7620582283	Utkarshm123@gmail.com
8	SALONI KHUSHAL THAKARE	How to prepare different concentration of solution in the preparation of practical	Solve this problem by using different formula	Nil	9511754510	Salonithakare12@gmail.com
9	SARANG DNYANESHWAR THAKARE	Lack of concentration	Guided him for proper meditation, Created interest in study	Nil	9552575251	Sarangthakre@gmail.com
10	LADE PRIYA HEMRAJ	How to handle present situation of online classes	Guided regarding problems	Nil	9370419559	priyalade@gmail.com


Principal
 N. H. College, Bramhapuri
 Distt. Chandrapur-441206


Name of Mentor
 Dr. Darshana N. Urade
 (Dept. of Chemistry)

N. H. COLLEGE, BRAMHAPURI

DIST. CHANDRAPUR

NAAC Re-accreditation : B⁺⁺ (CGPA: 2.87)

Web Site : www.nhcollege.org

e-mail Address : nhcbramhapuri@rediffmail.com

Daily Diary

Name Of Teacher : Mr. ABHIMANYU PARASRAM PAWAR

Academic Year : 2022-23

Designation : Assistant Professor

Department : Chemistry

Faculty : Science & Technology

Nevjabai Hitkarini College, Bramhapuri**Time Table**

Current	W. e. f.						8/22/2022	
Periods	1	2	3	4	5	6	7	8
Day / Time	07:30 -08:15	08:15 - 09:00	09:00 -09:45	10:00 -10:45	10:45 -11:30	11:30 -12:15	12:15 -01:00	01:00 -01:45
MON	B.Sc.I (26)						B.Sc.I (AN4)	B.Sc.I (AN4)
TUE			B.Sc.II (32)	B.Sc. II (EM1)	B.Sc. II (EM1)	B.Sc. II (EM1)	B.Sc.I (DNS5)	B.Sc.I (DNS5)
WED	B.Sc.I (26)			B.Sc.II (32)			B.Sc.I (DM1)	B.Sc.I (DM1)
THU	B.Sc.I (26)							
FRI			B.Sc.II (32)	B.Sc. II (EM1)	B.Sc. II (EM1)	B.Sc. II (EM1)		
SAT							B.Sc.I (DM1)	B.Sc.I (DM1)

Time Table**01**

	W. e. f.						7/18/2022	
Periods	1	2	3	4	5	6	7	8
Day / Time	07:30 -08:15	08:15 - 09:00	09:00 -09:45	10:00 -10:45	10:45 -11:30	11:30 -12:15	12:15 -01:00	01:00 -01:45
MON				B.Sc.II (32)				
TUE				B.Sc.II (32)				
WED			B.Sc.I (26)					
THU		B.Sc.II (32)			B.Sc.I (26)			
FRI		B.Sc.II (32)			B.Sc.I (26)			
SAT		B.Sc.II (32)						

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Teacher Sign

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Faculty Inc.

Vice Principal

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Off-Principal
Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Allotment and completion of workload

Semester I / III / V

Class	Paper with Units /Practical	Periods allotted per week			Expected periods for the semester			Actual Periods Taken during the semester			% of Workload Completed in odd Semester
		Theory	Practical	Total	Theory	Practical	Total	Theory	Practical	Total	
B.Sc. I	Paper-I (Unit-4)	3	8	11	45	120	165	53	107	160	95%
B.Sc. II	Paper-II (Unit-4)	3	6	9	45	90	135	50	75	125	
Total Odd Semester		6	14	20	90	210	300	103	182	285	

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Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Semester II / IV / VI

Class	Paper with Units /Practical	Periods allotted per week			Expected periods for the semester			Actual Periods Taken during the semester			% of Workload Completed in even Semester
		Theory	Practical	Total	Theory	Practical	Total	Theory	Practical	Total	
B.Sc.I	Paper-II (UNIT-4)	3	8	11	45	120	165	41	108	149	94%
B.Sc.II	Paper-I (UNIT-4)	3	6	9	45	90	135	49	83	132	
Total Even Semester		6	14	20	90	210	300	90	191	281	% of Workload Completed in year 94%
Total Odd Semester		6	14	20	90	210	300	103	182	285	
Total for Academic Year		12	28	40	180	420	600	193	373	566	

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Faculty Inc.

Vice Principal

[Signature]
Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Total Period in a week :

8

Nevjabai Hitkarini College, Bramhapuri

Total Period

8

Daily Record

S.N.	Date	Teaching Work								Other Work
1	7/18/2022 Monday 1 07:30 AM - 02:00 PM	10:00 - 10:45	1							Departmental meeting
		B.Sc.II	TH							
		UNIT I Phase Equilibria								
2	7/19/2022 Tuesday 1 07:30 AM - 02:00 PM	10:00 - 10:45	1							Preparation of Notes
		B.Sc.II	TH							
		Phase rule								
3	7/20/2022 Wednesday 1 07:30 AM - 02:00 PM	09:00 - 09:45	1							Preparation of Notes
		B.Sc.I	TH							
		Unit-I Introduction of Atomic Structure								
4	7/21/2022 Thursday 2 07:30 AM - 02:00 PM	08:15 - 09:00	1			10:45 - 11:30	1			Research Work
		B.Sc.II	TH			B.Sc.I	TH			
		Component and Degree of freedom				Review of Bohr's Theory				
5	7/22/2022 Friday 2 07:30 AM - 02:00 PM	08:15 - 09:00	1			10:45 - 11:30	1			Research Work
		B.Sc.II	TH			B.Sc.I	TH			
		Derivation of phase rule,				Idea of de-Broglie matter waves				
6	7/23/2022 Saturday 1 07:30 AM - 02:00 PM	08:15 - 09:00	1							Research Work
		B.Sc.II	TH							
		Derivation of Clausius Clapeyron equation								
7	7/24/2022 Sunday									

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Teacher Sign

HOD

Faculty Inc.

Vice Principal

Off. Principal
Nevjabai Hitkarini College
Bramhapuri, Distt. Chandrapur

Total Period in a week :

8

Nevjabai Hitkarini College, Bramhapuri

Total Period

16

Daily Record

S.N.	Date											Other Work
8	7/25/2022	10:00 - 10:45	1									Research Work
		B.Sc.II	TH									
	Monday 1	Phase rule to two phase equilibria										
	07:30 AM - 02:00 PM											
9	7/26/2022	10:00 - 10:45	1									Research Work
		B.Sc.II	TH									
	Tuesday 1	water system										
	07:30 AM - 02:00 PM											
10	7/27/2022	09:00 - 09:45	1									Preparation of Notes
		B.Sc.I	TH									
	Wednesday 1	Schrodinger wave equation,										
	07:30 AM - 02:00 PM											
11	7/28/2022	08:15 - 09:00	1			10:45 - 11:30	1					Preparation of Notes
		B.Sc.II	TH			B.Sc.I	TH					
	Thursday 2	sulphur system										
	07:30 AM - 02:00 PM	significance of Ψ and Ψ^2										
12	7/29/2022	08:15 - 09:00	1			10:45 - 11:30	1					Preparation of Notes
		B.Sc.II	TH			B.Sc.I	TH					
	Friday 2	Pb-Ag system.										
	07:30 AM - 02:00 PM	Quantum numbers										
13	7/30/2022	08:15 - 09:00	1									Preparation of Notes
		B.Sc.II	TH									
	Saturday 1	Ideal liquid mixtures										
	07:30 AM - 02:00 PM											
14	7/31/2022											Principal
	Sunday 0											

Teacher's Signature

Faculty Inc

Vice Principal

Principal

Total Period in a week :

8

Nevjabai Hitkarini College, Bramhapuri

Total Period

24

Daily Record

S.N.	Date	Teaching Work								Other Work
15	8/1/2022	10:00 - 10:45	1							Preparation of Notes
		B.Sc.II	TH							
	Monday	1	Raoult's law							
	07:30 AM - 02:00 PM									
16	8/2/2022	10:00 - 10:45	1							Preparation of Notes
		B.Sc.II	TH							
	Tuesday	1	Henry's law							
	07:30 AM - 02:00 PM									
17	8/3/2022	09:00 - 09:45	1							Preparation of Notes
		B.Sc.I	TH							
	Wednesday	1	Radial and angular wave functions							
	07:30 AM - 02:00 PM									
18	8/4/2022	08:15 - 09:00	1			10:45 - 11:30	1			Preparation of Notes
		B.Sc.II	TH			B.Sc.I	TH			
	Thursday	2	Aufbau and Pauli's exclusion principle,				Atomic orbital			
	07:30 AM - 02:00 PM									
19	8/5/2022	08:15 - 09:00	1			10:45 - 11:30	1			Preparation of Notes
		B.Sc.II	TH			B.Sc.I	TH			
	Friday	2	Non-ideal systems				Hund's multiplicity rule			
	07:30 AM - 02:00 PM									
20	8/6/2022	08:15 - 09:00	1							Preparation of Notes
		B.Sc.II	TH							
	Saturday	1	Azeotropes							
	07:30 AM - 02:00 PM									
21	8/7/2022									
	Sunday	0								

Teacher's Signature

Ashar

HOD

HOD

Faculty Inc

Vice Principal

Principal

Principal

Nevjabai Hitkarini College, Bramhapuri

DEPARTMENT OF BOTANY

MS. Nilima U. Rangari, *Assistant Professor & Head*

Eco-Fresher's Day & Orientation program of M. Sc.

Eco-Fresher's Day and orientation program has organized by Botanical Students Association, Department of Botany and Nevjabai Hitkarini College, Bramhapuri for the fresh students of M.Sc. on date 13th Sept. 2022.

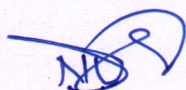
In this program of M. Sc. I (Botany) Fresher's students oriented about structure and schemes of PG Botany syllabus. Nilima U. Rangari, head of department gave introduction of teaching and non teaching faculties who helps to run the department smoothly and She prominently mentioned about progress of Botany Department and research facilities provided to the students.

Every year plantation programme is arranged by this department. In this occasion students of M.Sc. First year planted the tree in the college campus and this day is also called as Eco Fresher's Day.

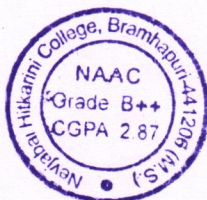
The President of regarding programme was Dr. D. H. Gahane Principal of N. H. College Bramhapuri and as a Chief Guest and Guide Dr. N. J. Chawhan Ex. Head of the Department of Botany and Dr. M. B. Wadekar was present also. Dr. Harsha Kanfode Principal of Shantabai Bhaiya Mahila Mahavidyalaya, Bramhapuri and Dr. A. J. Mungole Assistant Professor of Department of Botany were prominently present. The President of this programme Dr. D. H. Gahane has explored on the 'Strength, Weakness, Opportunity and threats and the ability by facing all these things to achieve the success. Dr. N. J. Chawhan express the view that continuity is prominently necessary to achieve the success. Then Dr. M. B. Wadekar moralized students by saying student have to 'Recognize their hidden talent to achieve the success'

The hosting of this programme was done by Ku. Madhuri Borkar, President and Ku. Payal Kawale, Secretary of Botanical Association from M. Sc. students and vote of thanks has given by Ku. Rajeshwari Sonkusare, member of Botanical Association.

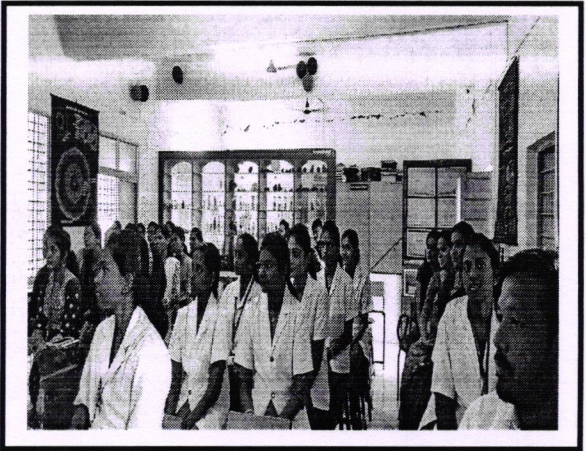
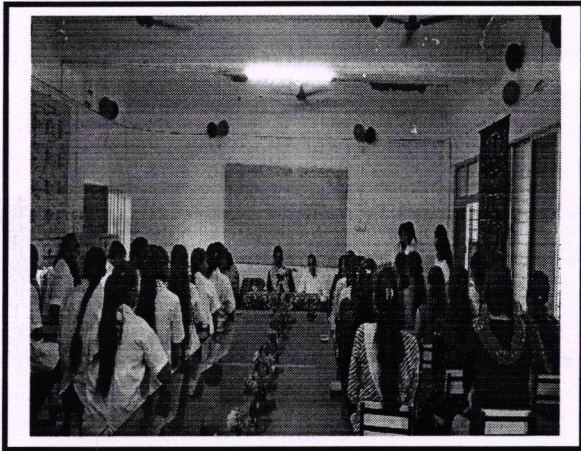
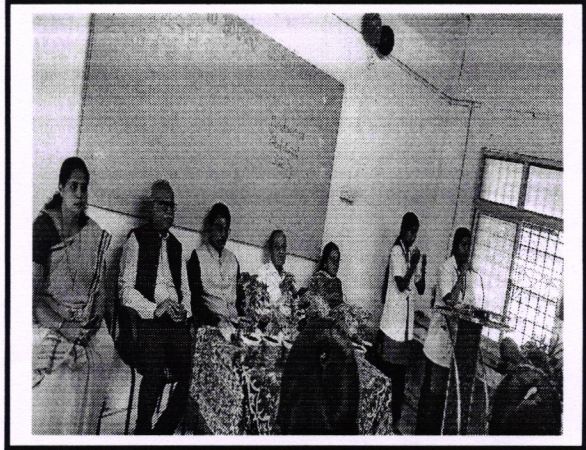
All the faculty members Priyanka Bansod, Rucha Wankhede, Sonal Karambe and Ankush Misar and Lab. Attendant R. A. Meshram other members Shyamsundar Kose, Sahil Fulzele and Mayur Meshram has cooperated to make this programme successful.



Head
Department of Botany



Principal
N. H. College, Bramhapuri
Nevjabai Hitkarini College
Bramhapuri-441204



Entry Level Test for SEM I Electronics Students

17 responses

Publish analytics

Full Name

17 responses

Puja Rajendra Tarare

Gaurav kishor Donadkar

Pratiksha Rewade

Kiminda chintaman Selokar

Pradnya Devendra Meshram

Vishnu kiran dani

Govinda Bramhadas kodape

Aditya Narendra Ambade

Kunal Kailas walade

Megha bhaskar bokade

Milind Abhay Deo

Kajal Suryawanshi

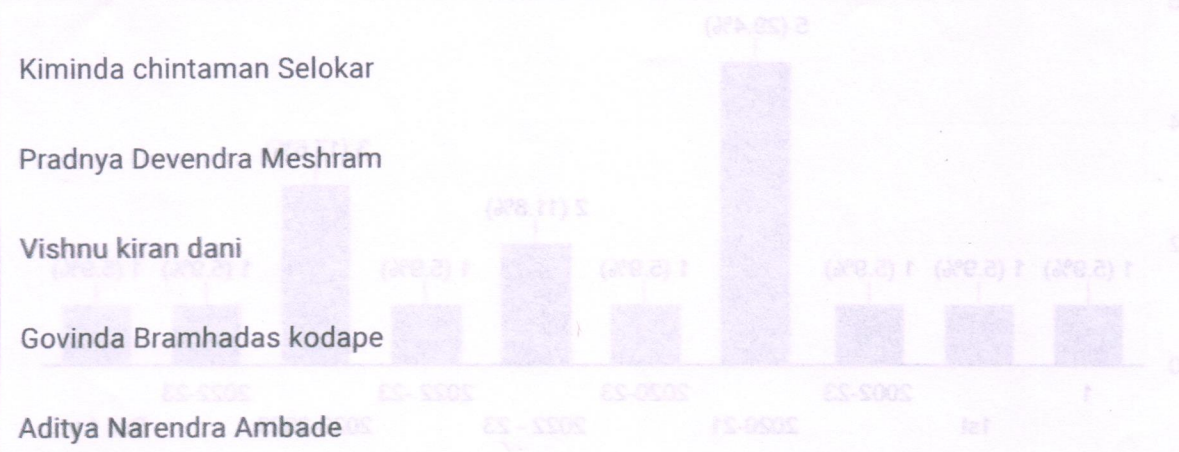
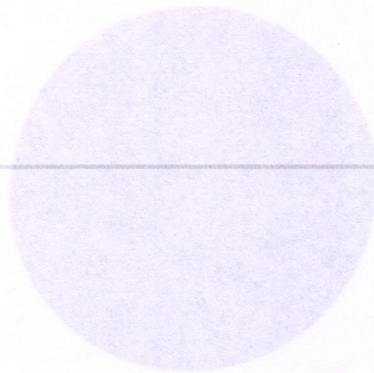
Nikhita Bhaskar Dange

Nilesh Narayan Mukharjee

Rupali Tukaram Chaudhari

Anisha suresh ladke

Rohit murlidhar Moharkar

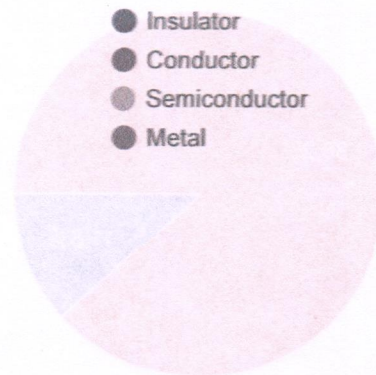
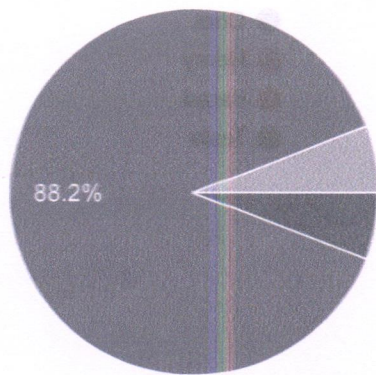


[Handwritten Signature]
 Head

Department of Electronics
 N. H. College, Bramhapuri
 Dist. Chandrapur

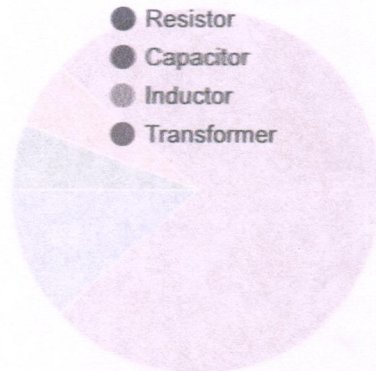
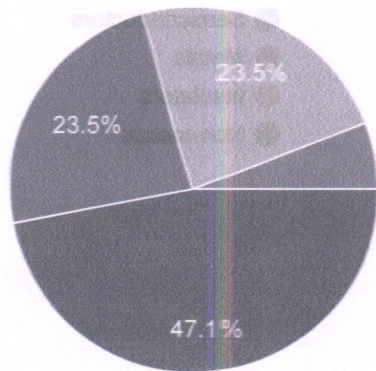
1. The substance which can conduct the current is called _____ Copy

17 responses



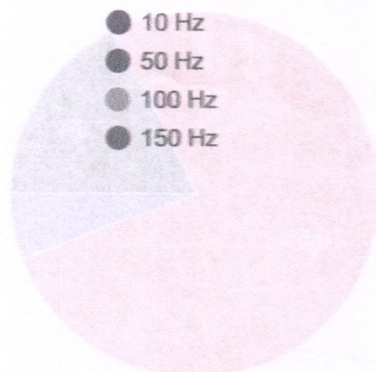
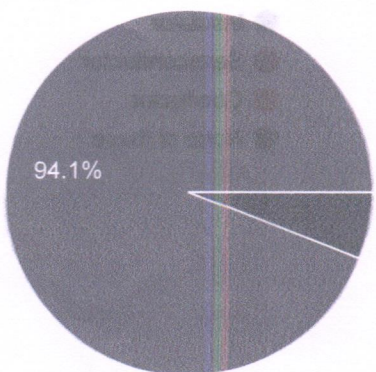
2. A _____ is device which can oppose the DC and AC current. Copy

17 responses



3. The frequency of Indian domestic AC power line is _____ Copy

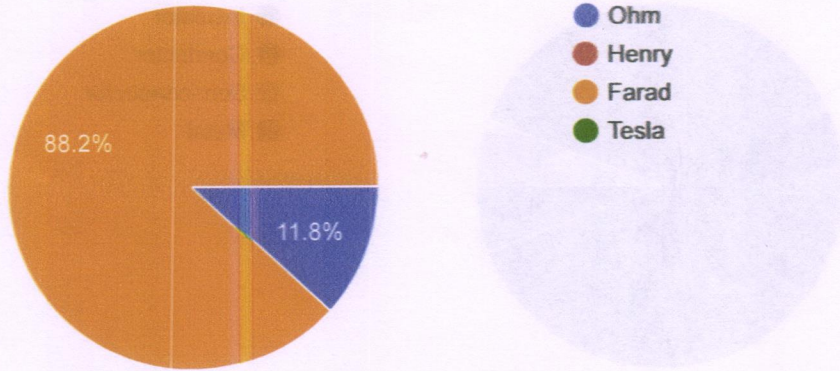
17 responses



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4. The unit of capacitance is _____

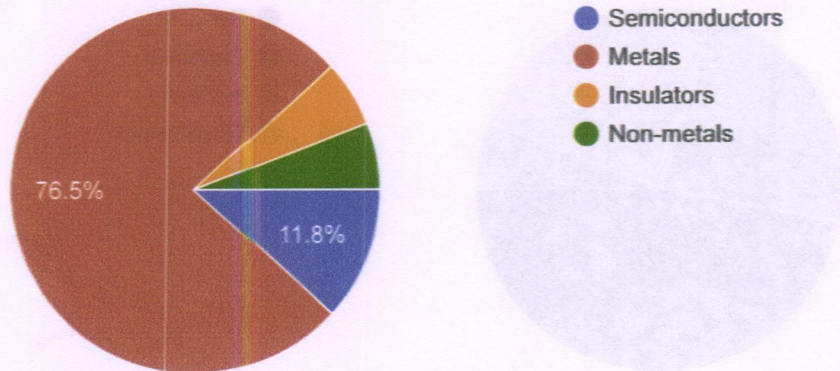
17 responses



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5. A large number of free electrons exist in _____

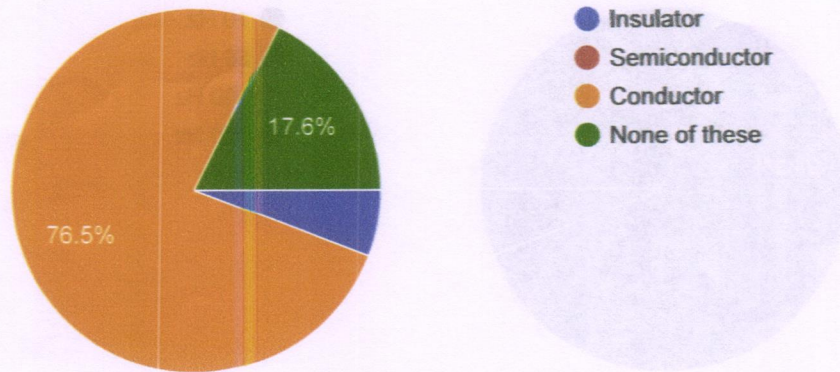
17 responses



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6. Copper is a example of _____

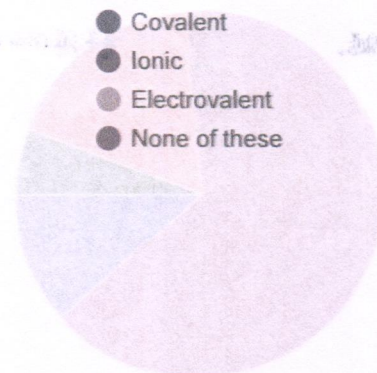
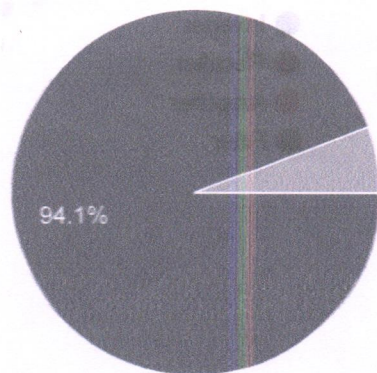
17 responses



7. A semiconductor is formed by _____ bonds.

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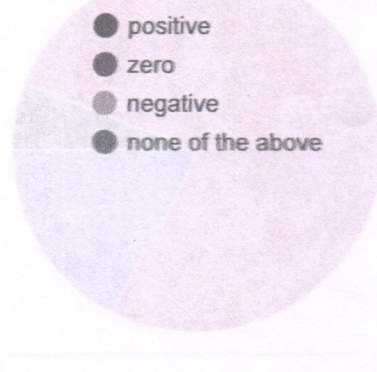
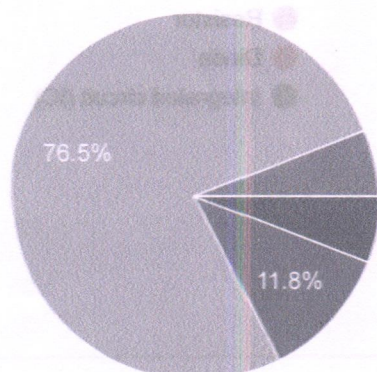
17 responses



8. A semiconductor has _____ temperature coefficient of resistance.

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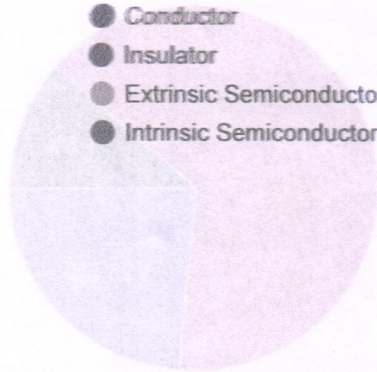
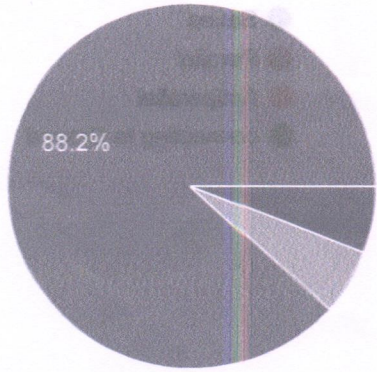
17 responses



9. Pure form of semiconductor is called

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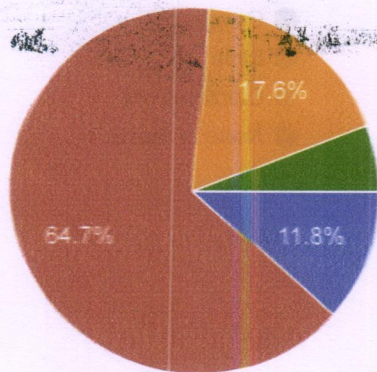
17 responses



10. Which circuit convert the AC into DC?

Copy

17 responses

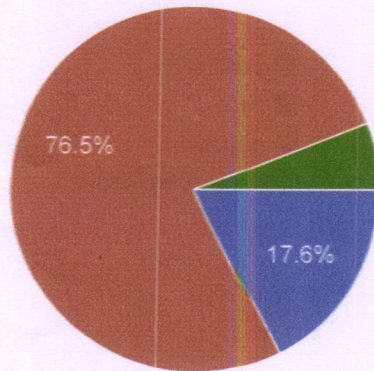


- Inverter
- Rectifier
- Amplifier
- Filter

11. Choose the Passive Component.

Copy

17 responses

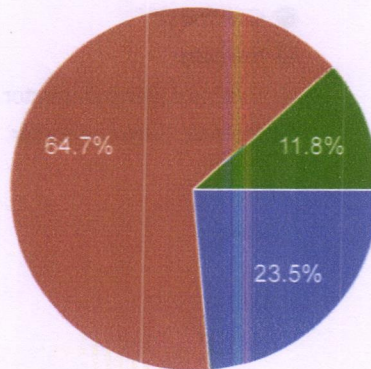


- Transistor
- Resistor
- Diode
- Integrated circuit (IC)

12. By connecting the Resistors in ----- Form we can Increase the value of resistance.

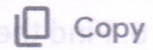
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17 responses

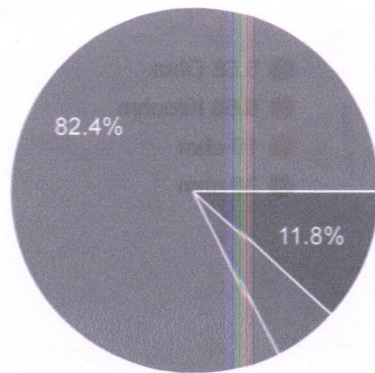


- Series
- Parallel
- Antiparallel
- connecting to Ground

13. DC power supply has _____ frequency.

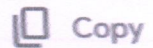


17 responses

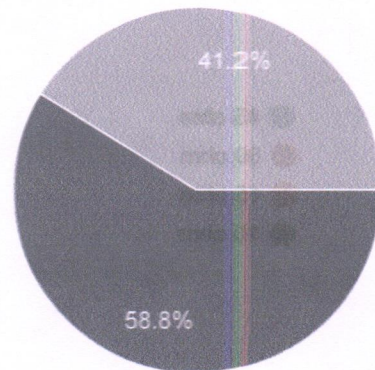


- 100 Hz
- 50 Hz
- 10 Hz
- 0 Hz

14. Resistance of resistor is measured by



17 responses

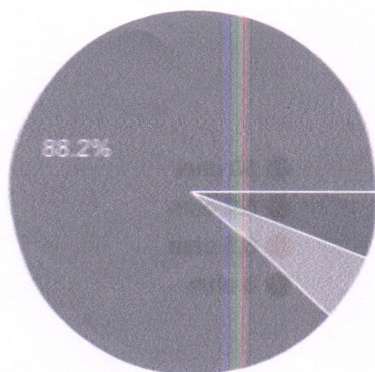


- Voltmeter
- Ammeter
- Ohmmeter
- Wattmeter

15. The unit of potential difference is the

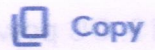


17 responses

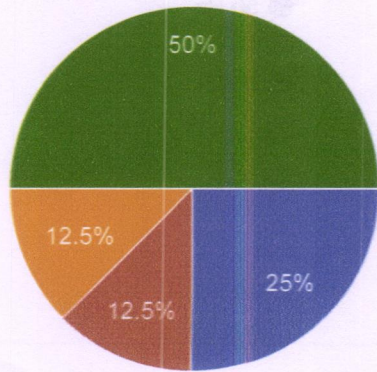


- Farad
- Watt
- Siemens
- Volt

16. Find the value of total resistance across terminal A & B in the following figure.

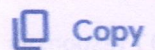


16 responses

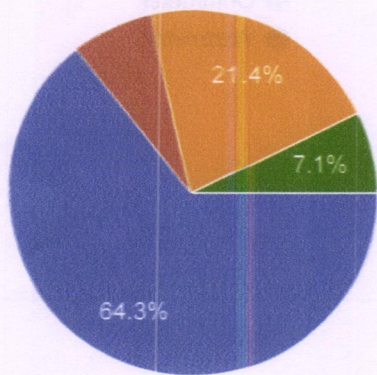


- 6.66 Ohm
- 6.66 Kiloohm
- 10 ohm
- 30 ohm

17. Find the value of total resistance of circuit across terminal A & B in the following circuit.

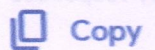


14 responses

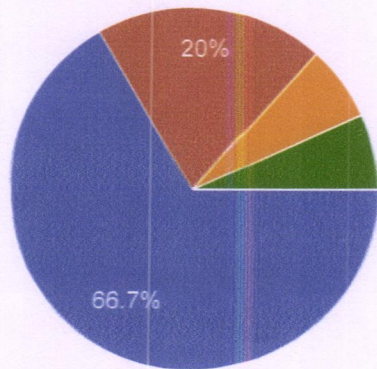


- 45 ohm
- 30 ohm
- 15 ohm
- 10 ohm

18. Find the value of total resistance of given circuit across terminal A & B.



15 responses

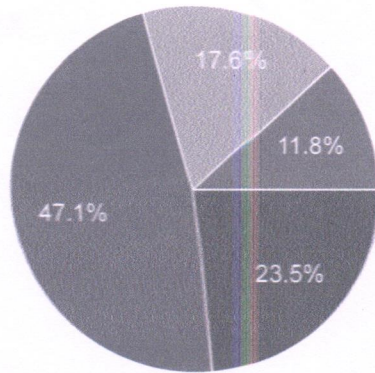


- 50 ohm
- 5.6 ohm
- 6.5 ohm
- 8 ohm

19. When two capacitor are connected in series, the total capacitance is

Copy

17 responses

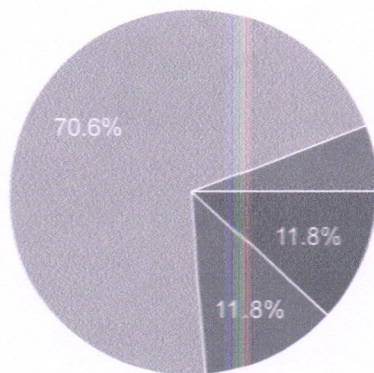


- increases
- decreases
- remain same
- none of these

20. A device which convert light energy directly into electric energy are called _____ device

Copy

17 responses



- Photosensitive
- photoconductive
- Photoelectric
- Photoeffective

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Head
Department of Electronics
N. H. College, Bramhapuri
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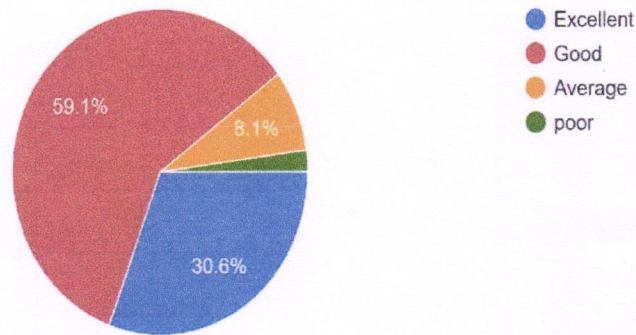
NEVJABAI HITKARINI COLLEGE BRAMHAPURI

ACADEMIC YEAR 2022-23

Students Feedback Analysis Report

Q 2 - How do you view the curriculum quality? / अभ्यासक्रमाचा दर्जा

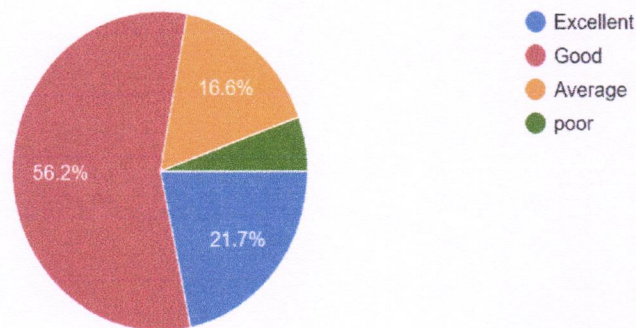
235 responses



Q 3 - How do you rate the relevance of the curriculum for skill based knowledge and employability ?

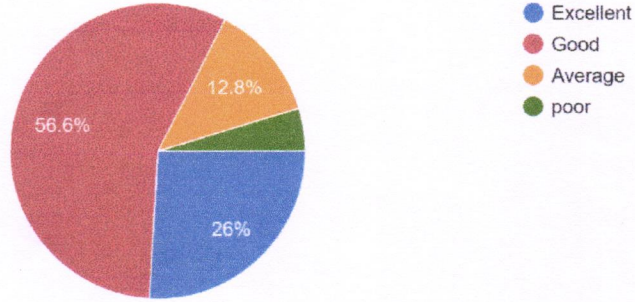
/ कौशल्य आधारित ज्ञान आणि रोजगारक्षमतेसाठी अभ्यासक्रमाची प्रासंगिकता तुम्ही कशी रेट करता?

235 responses



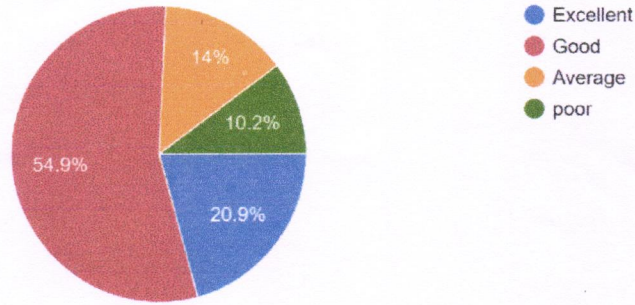
Q 4 - Rate the adequacy of elective courses in your curriculum / तुमच्या अभ्यासक्रमातील ऐच्छिक अभ्यासक्रमांची पर्याप्तता रेट करा

235 responses



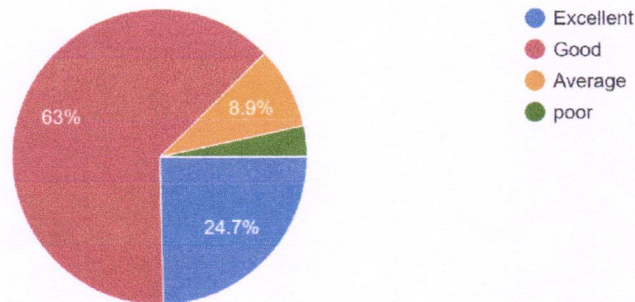
Q 5 - The creative and critical learning level in your syllabus / तुमच्या अभ्यासक्रमातील सर्जनशील आणि गंभीर शिक्षण पातळी

235 responses

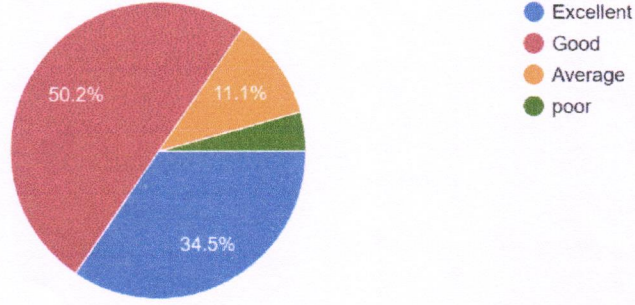


Q 6- Curriculum imparts environmental values? अभ्यासक्रम पर्यावरणीय मूल्ये देतो

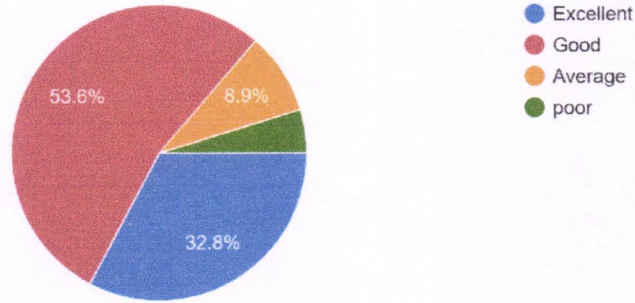
235 responses



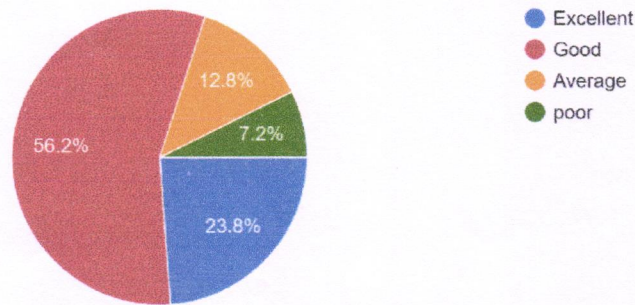
Q 7 - Syllabus have scope of experiential learning / अभ्यासक्रमात अनुभवात्मक शिक्षणाला वाव आहे
235 responses



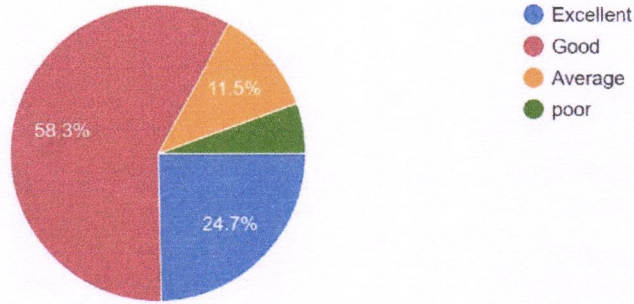
Q 8 - Syllabus is worthy to grab future opportunities / भविष्यातील संधी मिळवण्यासाठी अभ्यासक्रम योग्य आहे.
235 responses



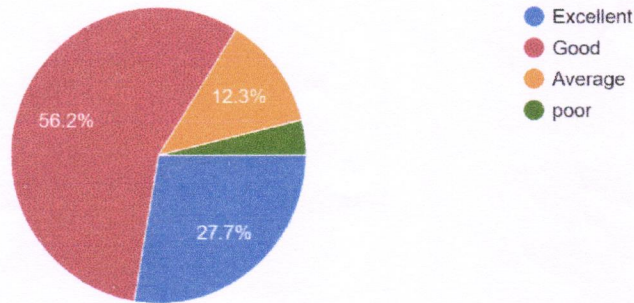
Q 9 - Study materials relevant and meet the standards of the subjects / विषयाची संदर्भ साधने आणि विषय मानकाची पूर्तता
235 responses



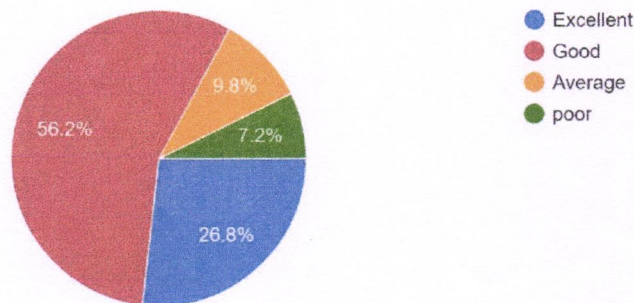
Q 10 - Student centric syllabus / विद्यार्थी केंद्रित अभ्यासक्रम
235 responses



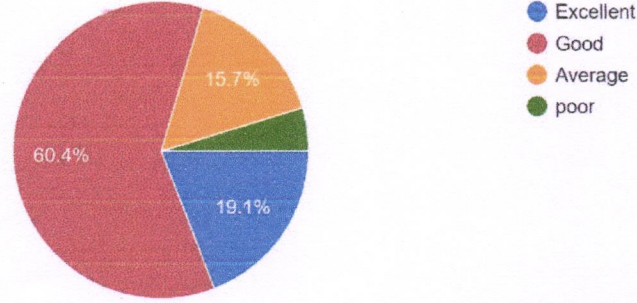
Q 11 - Syllabus fulfilling the present updates & scientific knowledge / सध्याचे अपडेट्स आणि वैज्ञानिक ज्ञान पूर्ण करणारा अभ्यासक्रम
235 responses



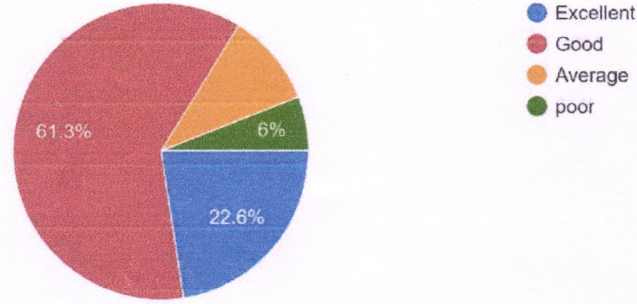
Q 12 - Skill based syllabus level / कौशल्य आधारित अभ्यासक्रम स्तर
235 responses



Q 13 - Level of satisfaction with present curriculum /सध्याच्या अभ्यासक्रमाबाबत समाधानाची पातळी
235 responses



Q 14 - Present internal assessment system /सध्याची अंतर्गत मूल्यांकन प्रणाली
235 responses

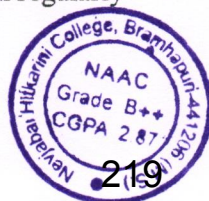



1. The feedback analysis from students clearly indicates that more than 90 % of students very much satisfied with flexibility on curriculum, teaching-learning process, provision for self-study, etc. offered by the Institution.

2. There are some suggestions & requests.

Suggestions:

- i) Syllabus should be related to the competitive exam oriented
- ii) Research Methodology and Project work should be included in the NEP - Syllabus
- iii) More courses on skill development should be added.
- iv) Include the syllabus related to green energy.
- v) B.Sc. in Honours should be included in university curriculum.
- vi) Students should get computer knowledge
- vii) Syllabus on Mendel is too lengthy
- viii) Practice test should be taken regularly




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