

**SNJB (Jain Gurukul's)**

**K.K.H. Abad Arts, S.M.G. Lodha Commerce & S.P.H. Jain Science College  
Neminagar, Chandwad-423101, Dist.-Nashik, Maharashtra**



Establishment  
27/11/1928

(Affiliated to SavitribaiPhule Pune University) Id. No.PU/NS/AC/015/1970

(02556) Off. 252125 Res.252126 Tel. Fax:02556-252125

• P. O. Box No.: 6 • E-mail : [alccchandwad@yahoo.co.in](mailto:alccchandwad@yahoo.co.in)

• Website : [www.acschandwadcollege.com](http://www.acschandwadcollege.com)

DST-FIST Funded (2018-19)

UGC-NSQF Courses (B.Voc. & CC)

Best College Award by SavitribaiPhule Pune University (2015-16)

**1.3.2: Number of courses that include experiential learning through project work/field work/internship during the year**

*M.Sc-I Zoology-Field Visit*

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## Department of Zoology

SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad  
Dist.-Nashik, Maharashtra Pin-423101 India

(Affiliated to Savitribai Phule Pune University, Pune, Maharashtra, India)

Best College Award Recipient (2015-16)

(DST-FIST Funded 2018-19)

NAAC Reaccredited 'B++' Grade with CGPA 2.95 (2019-20)

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Dr. Swapnil D. Wagh

(M.Sc. Ph.D. CSIR NET JRF, ICAR NET, SET, GATE)

Head, Dept. of Zoology

Email: [swapnildwagh@gmail.com](mailto:swapnildwagh@gmail.com)

Senior College Code No. 088

University Id. No. PU/NS/AC/015/1970

Zoo/25/2023-24

Date:13/04/2024

To

The Principal

KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad.

Dist- Nashik.

Sub: To avail permission for the educational tour

Dear Sir,

With reference to the subject cited above and as per the curriculum of Savitribai Phule Pune University, Pune for T.Y.B.Sc, M.Sc I & M.Sc II Zoology; it is compulsory to visit places of Zoological interests (Invitro Fertilization Center, Bioflog-Fishery Unit). In this regard we have planned One day educational tour for T.Y.B.Sc, M.Sc I & M.Sc II Zoology students, on 16<sup>th</sup> April 2024 at Invitro Fertilization Center Nashik & Bioflog Fishery Unit Baswant Pimpalgaon. Kindly avail the permission and do the needful.

List of the staff and students enclosed herewith.

Yours Faithfully

VC. PRINCIPAL

K.K.H.A. Arts SMGL Comm.  
& S.P.H.J. Science College,

Chandwad, Dist. Nashik - 423 101

Head Dept. of Zoology

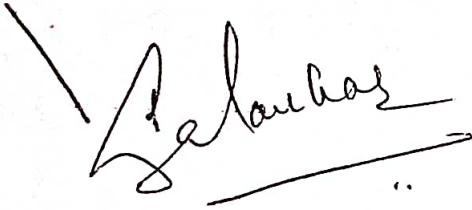
HEAD

Department of Zoology  
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce  
& S.P.H.J. Science College,  
Chandwad-423 101 Dist-Nashik

PTO →

R/ Principal

- 1) Ensure Sr. Staff accompanies
- 2) Adequate numbers of Gents & Ladies staff must accompany
- 3) Do not take students near water or on hill tops
- 4) Staff and Students must be in their college uniforms with identity cards
- 5) State Transportation buses to be hired for tour
- 6) One Medical Officer Should accompany
- 7) Written Permission from the concerned competent authorities must be obtained
- 8) Strict discipline to be observed
- 9) Written consent of parents need to be obtained
- 10) Ensure that parents are called at the terminus stop point for taking their children after the tour gets over
- 11) Necessary rules procedures stipulated from time to time by the competent authorities must be followed
- 12) If travel is by train in that case do not allow students to get down on railway stations, to avoid mishaps, e.g. boarding the train while it has already begun etc.



प्रशासकीय अधिकारी  
श्री नेमिनाथ जैन ब्रह्मचर्याश्रम (जैन गुरुकुल)  
नेमिनाथ, चांदवड-423 101 जि. नाशिक

### List of the Students with participating Teachers

Sr. No.	Name M.Sc - I	Gender
1.	Gangurde Devyani	F
2.	Shirke Shubham	M
3.	Jadhav Priyanka	F
4.	Pawar Prem	M
5.	Kahandal Manisha	F
6.	Pagar Punam Babaji	F
7.	Kumavat Payal	F
8.	Mandlik Punam	F
9.	Garud Mansi	F
10.	Jagtap Ankita	F
11.	Prachi Gaikwad	F
12.		

Sr. No.	Name M.Sc - II	Gender
1.	Aher Pratiksha Madhukar	F
2.	Lokhande Sudhir Baburao	M
3.	Pawar Deepali Jibhau	F
4.	Momin Musfera	F
5.	Laeque Qureshi	M
6.	Tahreem Heera Sayyad	F

Sr. No.	Name T.Y.B.Sc	Gender
1.	Saniya Mulla	F
2.	Pooja Shinde	F

Sr. No.	Teachers	Mobile Number	Gender
1.	Dr. Swapnil D. Wagh	8275586567	Male
2.	Mr. Akshay Shimpi	8668910741	Male
3.	Mrs. Bhumika More	7558649933	Female
4.	Mrs. Pooja Dalavi	9156040063	Female
5.	Mr. Kiran Maknor	9309514210	Male

9. Research Methods in Education, 5<sup>th</sup> edition, Cohen, L. Lawrence, M., & Morrison, K. Oxford, Oxford University Press. (2005).
10. Practical Research : Planning and design, Leedy, P. D. Washington : Mc Millan Publishing Co., Inc. (1980).
11. Fundamental of Research Methodology and Statistics, Singh, Y. K. New Delhi. New International Limited, Publishers. (2006).

ZOO 515 MJP : Laboratory Exercises in Research Methodology							
Teaching Scheme					Marking Scheme		
Year	Semester	Course Type	Credits	Practical per week	Continuous Internal Assessment	End Semester Examination	Total
I	I	Research Methodology	02	01	15	35	50

#### Course Outcomes :

After completing the course student will be able to :

- CO1 : Suggest suitable title for a research article.  
 CO2 : Write the abstract, key words, result, discussion, conclusion and citations of references.  
 CO3 : Write a research project proposal to seek funding.  
 CO4 : Use MS excel in presentation and analysis of data using common statistical tests.  
 CO5 : Conduct a scientific survey.

#### Detailed Syllabus :

Sr. No.	Title of the Practical	Practical Assigned (P)
1.	Selecting a title for the paper, writing the abstract and key words. <b>(Compulsory)</b>	1 P
2.	Writing the results, discussion and conclusions, citation of references. <b>(Compulsory)</b>	2 P
3.	Writing of introduction and material and methods. <b>(Compulsory)</b>	1 P
4.	Layout of a research paper. <b>(Compulsory)</b>	1 P
5.	Importance of scientific surveys, primary data and secondary data in research.	1 P

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M. Sc. I ( Zoology )

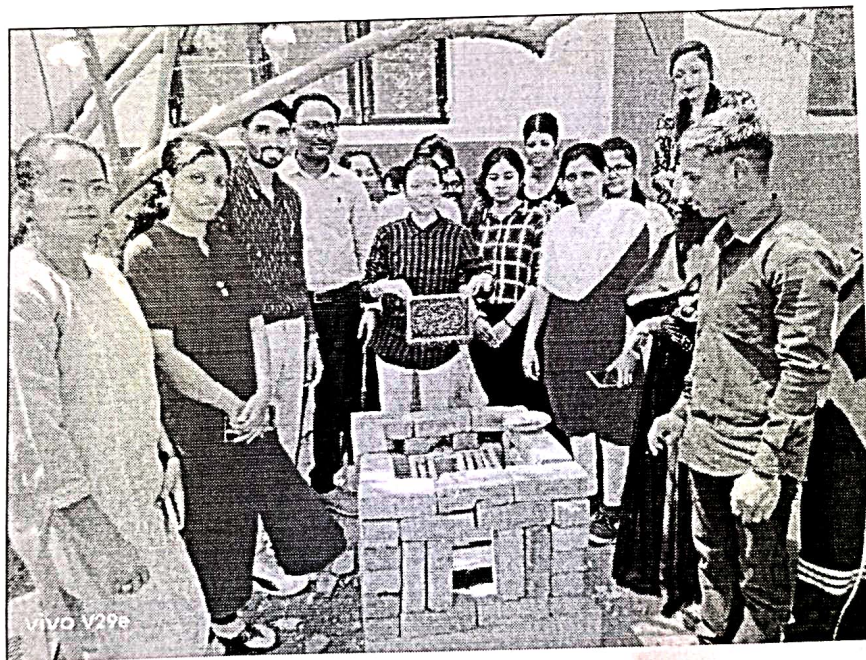
Semester I & II

6.	Writing a project proposal to a funding agency. <b>(Compulsory)</b>	1 P
7.	Use of MS Excel in data presentation.	2 P
8.	Examples of some common statistical tests.	2 P
9.	Preparation of ICT enabled scientific presentation. <b>(Compulsory)</b>	2 P
10.	Presentation of any ONE recent research paper. <b>(Compulsory)</b>	1 P
11.	Laboratory safety during handling of pathogenic organisms and hazardous chemicals. <b>(Compulsory)</b>	1 P
12.	Compulsory field visit for collection of samples for research.	2 P



**KKHA Arts, SMGL Commerce & SPHJ Science College, Chandwad, Dist. Nashik.**  
**Department of Zoology**  
**Excursion Tour Report**

One day visit organized by the department of Zoology on 16th April 2024. In this excursion tour T.Y.B.Sc., M.Sc.-I and M.Sc.-II students were participated. Students visited to Bioflog fishery unit, IVF Centre and Sericulture unit at KTHM College Nashik. There were nineteen students & five staff members participated in this Visit.



**HEAD**

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