

Shri. Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Zoology

Remedial Coaching



Academic Year: 2022-2023

Shri. Swami Vivekanand Shikshan Sanstha's
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Objectives

- 1) To identify slow learners so that it can facilitate better handling of students according to their academic needs.
- 2) To make the students assess their academic score and to revise the subject knowledge.
- 3) To improve academic skills
- 4) To strengthen the students to pursue higher education
- 5) To provide a strong foundation in their academics
- 6) To boost the students' confidence and motivation levels as well thus improving overall learning outcomes.
- 7) To improve the academic skills and linguistic proficiency of the students in subjects
- 8) To strengthen the concepts of the students who may not be able to grasp them during the course of the regular lectures.


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Date 28/11/2022

NOTICE

All students of B. Sc. II (Zoology) here by informed that Department of Zoology has organized Remedial coaching for slow learners, to improve their educational quality and also to improve their percentage.


The coaching will start from 2/12/2021 to 15/12/2022, at 10.00 am to 11.00 am in the Department of Zoology. Those students have marks 55 % (B⁺) or below 55% and ATKT in Zoology subject should join this remedial coaching. The students selected for this remedial coaching should join their classes on time. Attendance is compulsory to all.


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Remedial Coaching – Time-table


Sr. No	Day	Date	Time	Name of the teacher	Topic
1	Friday	02/12/2022	10.00 – 10.30 am	Dr. G. K. Sontakke	Gametogenesis: Spermatogenesis
		02/12/2022	10.30 – 11.00 am	Dr. T. C. Gaupale	Implantation of embryo in humans
2	Saturday	03/12/2022	10.00 – 10.30 am	Dr. G. K. Sontakke	Gametogenesis: Oogenesis
		03/12/2022	10.30 – 11.00 am	Dr. T. C. Gaupale	Formation of human placenta
3	Monday	05/12/2022	10.00 – 10.30 am	Dr. S. S. Desai	Fertilization: external
		05/12/2022	10.30 – 11.00 am	Ms. N. A. Patel	Human placenta functions
4	Tuesday	06/12/2022	10.00 – 10.30 am	Dr. S. S. Desai	Fertilization: internal
		06/12/2022	10.30 – 11.00 am	Ms. N. A. Patel	types of placenta on the basis of histology
5	Wednesday	07/12/2022	10.00 – 10.30 am	Ms. Y. S. Pujari	blocks to polyspermy- Slow
		07/12/2022	10.30 – 11.00 am	Dr. T. C. Patil	Metamorphic events in frog life cycle
6	Thursday	08/12/2022	10.00 – 10.30 am	Ms. Y. S. Pujari	blocks to polyspermy - Fast
		08/12/2022	10.30 – 11.00 am	Dr. T. C. Patil	Development of chick embryo up to 24 hours
7	Friday	09/12/2022	10.00 – 10.30 am	Ms. P. S. Shetfalkar	Early development of frog
		09/12/2022	10.30 – 11.00 am	Mr. N. F. Shaikh	Metamorphic hormonal regulation.
8	Saturday	10/12/2022	10.00 – 10.30 am	Ms. P. S. Shetfalkar	Early development of human – Cleavage
		10/12/2022	10.30 – 11.00 am	Mr. N. F. Shaikh	Development of chick embryo up to 36 hours
9	Monday	12/12/2022	10.00 – 10.30 am	Dr. G. K. Sontakke	Early development of human – Gastrulation
		12/12/2022	10.30 – 11.00 am	Dr. T. C. Gaupale	Formation of human placenta
10	Tuesday	13/12/2022	10.00 – 10.30 am	Dr. S. S. Desai	Fate of germ layers
		13/12/2022	10.30 – 11.00 am	Ms. N. A. Patel	Neurulation in frog embryo
11	Wednesday	14/12/2022	10.00 – 10.30 am	Ms. Y. S. Pujari	types of morphogenetic movements
		14/12/2022	10.30 – 11.00 am	Dr. T. C. Patil	Metamorphic events in frog life cycle
12	Thursday	15/12/2022	10.00 – 10.30 am	Ms. P. S. Shetfalkar	Early development of human – Blastulation
		15/12/2022	10.30 – 11.00 am	Mr. N. F. Shaikh	Development of chick embryo up to 72 hours


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Total Lectures Assigned and Conducted

Sr. No.	Name of the teacher	Total lectures assigned	Total Lectures conducted
1	Dr. G. K. Sontakke	3	3
2	Dr. T. C. Gaupale	3	3
3	Dr. S. S. Desai	3	3
4	Ms. N. A. Patel	3	3
5	Ms. Y. S. Pujari	3	3
6	Dr. T. C. Patil	3	3
7	Ms. P. S. Shetfalkar	3	3
8	Mr. N. F. Shaikh	3	3


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Syllabus

Objectives of course:

1. To upgrade the knowledge of students in the field of Zoology.
2. To give more attention to weak students and strengthen them.
3. To encourage students and enhances their interest in learning.
4. To boost students for better learning and highest academic achievements.

B. Sc. Part II (Syllabus for remedial Coaching)

Unit – I

Early Embryonic Development

10


Gametogenesis: Spermatogenesis and oogenesis w.r.t. mammals, vitellogenesis in birds;
 Fertilization: external (amphibians), internal (mammals), blocks to polyspermy; Early development of frog and humans (structure of mature egg and its membranes, patterns of cleavage, fate map, up to formation of gastrula); types of morphogenetic movements; Fate of germ layers; Neurulation in frog embryo.

Unit – II

Late Embryonic Development

10

Implantation of embryo in humans, Formation of human placenta and functions, other types of placenta on the basis of histology; Metamorphic events in frog life cycle and its hormonal regulation.


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List of Student

Sr. No.	Roll No.	Name of Student	Percentage	Mobile No.	Sign
1.	7832	Kamble Anushka Amar	ATKT	9130154433	<u>AA Kamble</u>
2.	7846	Mane Aman Pralhad	ATKT	8087080025	<u>Aman</u>
3.	7987	Pathrut Ganesh Bhimrao	ATKT	7249780723	<u>G Pathrut</u>
4.	7855	Patil Janhavi Jagdish	ATKT	8308688769	<u>J Patil</u>
5.	7866	Thorat Aishwarya Bhaskar	ATKT	8010038900	<u>A Thorat</u>
6.	7982	Wadar Rushikesh Vijay	ATKT	7058342466	<u>Wadar</u>
7.	7907	Chopadar Vedanshu Vinay	ATKT	7387731752	<u>V Chopadar</u>
8.	7914	Koli Jai Satish	ATKT	9175515493	<u>Koli</u>
9.	7920	Sandugade Pranav Raju	ATKT	7083056260	<u>SP</u>
10.	7921	Sapre Supriy Milind	ATKT	8669221162	<u>S Sapre</u>
11.	7926	Yedurkar Koustubh Kishor	ATKT	9309544311	<u>Yedurkar Koustubh</u>
12.	7876	Kadam Prasad Chandrashekhar	ATKT	7249862963	<u>P Kadam</u>

Gita

(Dr. G. K. Sontakke)
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Remedial Coaching Student Attendance 2022-2023

Sr. No	Roll No.	Name of Student	2/12/2022	3/12/2022	5/12/2022	6/12/2022	7/12/2022	8/12/2022	9/12/2022	10/12/2022	12/12/2022	13/12/2022	14/12/2022	15/01/2022	Sign
1.	7832	Kamble Anushka Amar	P	P	P	A	P	P	P	A	P	P	P	P	AAKambale
2.	7846	Mane Aman Pralhad	P	P	A	P	P	P	P	P	P	P	P	P	Aman
3.	7987	Pathrut Ganesh Bhimrao	P	A	P	P	P	A	P	P	A	P	P	A	Pathrut
4.	7855	Patil Janhavi Jagdish	P	A	A	P	P	P	P	P	P	P	A	P	Patil
5.	7866	Thorat Aishwarya Bhaskar	P	P	P	A	A	P	A	P	P	P	P	P	Thorat
6.	7982	Wadar Rushikesh Vijay	A	P	P	P	P	A	P	A	P	P	P	P	Wadar
7.	7907	Chopadar Vedanshu Vinay	P	A	A	P	P	A	P	P	P	P	P	P	Wheare
8.	7914	Koli Jai Satish	P	A	P	P	A	P	A	P	A	P	A	P	Koli
9.	7920	Sandugade Pranav Raju	P	P	P	A	P	P	A	P	P	P	P	P	SAP
10.	7921	Sapre Supriy Milind	P	P	P	A	P	P	P	A	P	P	P	P	Sapre
11.	7926	Yedurkar Koustubh Kishor	P	P	A	P	A	P	P	A	P	P	A	P	Yedurkar
12.	7876	Kadam Prasad Chandrashekhar	A	P	P	P	P	P	P	P	A	P	P	P	Pradam

G.K.

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Date: 15/12/2022

NOTICE FOR EXAMINATION

All students of B. Sc. II (Zoology) who have attended the remedial coaching here by informed that the exam based on remedial coaching is held on 17/12/2022, at 11.00am. The format of exam is multiple choice questions. Examination is compulsory to all students of remedial coaching.


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Remedial Coaching: Examination
 Academic Year: 2022-2023

18/20 *Hali*

Day & Date: 17/12/2022
 Time: 10.00 – 10.30 am

Total Marks :20

Name: *Mane Aman Pealhad*

Roll No.:

Q.1 Select the correct alternatives

- 1) ----- is the fusion of haploid gametes, egg and sperm, to form the diploid zygote.
 a) Gametogenesis b) Oogenesis c) Spermatogenesis d) Fertilization
- 2) External fertilization is common for organisms that live in -----
 a) Trees b) Water c) Land d) Air
- 3) Alteration of membrane potential of zygote is the process involve in -----
 a) Slow block to polyspermy b) Fast block to polyspermy
 c) Molding of zygote d) Metagenic process of zygote
- 4) The human egg is ----- as it consists of less amount of yolk material
 a) Megalecithal b) Microlecithal c) Alecithal d) Mesolecithal
- 5) ----- is the process of producing the female gametes, the Ovum, from the primordial germ cells.
 a) Spermatogenesis b) Oogenesis c) Spermioliosis d) Oogenin
- 6) ----- in vertebrates results in the formation of the neural tube, which gives rise to both the spinal cord and the brain.
 a) Neurulation b) Gastrulation c) Ovulation d) Blastulation
- 7) The ----- is an organ that develops in the uterus exclusively during pregnancy.
 a) Placenta b) Liver c) Pancreas d) Adrenal gland
- 8) ----- of the following hormones controls metamorphosis in a frog
 a) Adrenaline b) Insulin c) Oxytocin d) Thyroxine
- 9) Epidermal layer of skin in vertebrates is formed from -----
 a) endoderm & mesoderm b) endoderm c) ectoderm & endoderm d) Ectoderm
- 10) Morphogenetic movements occur during -----
 a) Cleavage b) Blastulation c) Fertilization d) Gastrulation

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Student's Feedback

- 1) Name of the student: Miane Aman Pealhad
- 2) Program name Remedial coaching : Examination
- 3) Program year: 2022-23
- 4) Subject: Zoology
- 5) Phone number: 8087080025
- 6) Result of Previous exam (% / grade):
- 7) Rate your experience in the following chart:

D (poor)	C (Average)	B (Good)	A (Excellent)
0	1	2	3

- 8) Give your feedback on remedial coaching in following chart:

Sr.	Criteria	D (poor)	C (Average)	B (Good)	A (Excellent)
1	Usefulness of course		✓		
2	Teaching Process				✓
3	Improvement in knowledge and understanding			✓	
4	Skill development		✓		
5	Achievements of learning outcomes			✓	

- 9) Any other suggestions:

Helpfull


Signature

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Report

Education is an important issue in student's life. It is the key to success in the future and to have many opportunities for students. Education illuminates a student's mind and thinking. It helps students to plan for work or pursue a higher education while graduating from university. Having education in an area helps them to think, feel, and behave in a way that contributes to their success, and improves not only their personal satisfaction but also their community. In addition, education develops learner's personality, thoughts, dealing with others and prepares them for life experiences. It makes student have a special status in society and everywhere they live in. There are various benefits of having education such as having a good career, having a good status in society, and having self-confidence. For this purpose NAAC and UGC suggested many effective schemes for the improvement of students such as remedial teaching, advanced learning and monitoring for Higher education institutes.


The remedial coaching program envisions to support weak learners in different subjects and provides them more focused teaching support to enhance their qualitative and quantitative subject knowledge, academic skills and linguistic proficiency. It also helps to strengthen their knowledge, skills and attitudes in such subjects so that proper guidance and training provided under the program may enable the students to come up to the level necessary for pursuing higher studies efficiently and effectively. To identify slow learners so that it can facilitate better handling of students according to their academic needs.

Report of remedial Coaching (02/12/2022 to 15/12/2022)

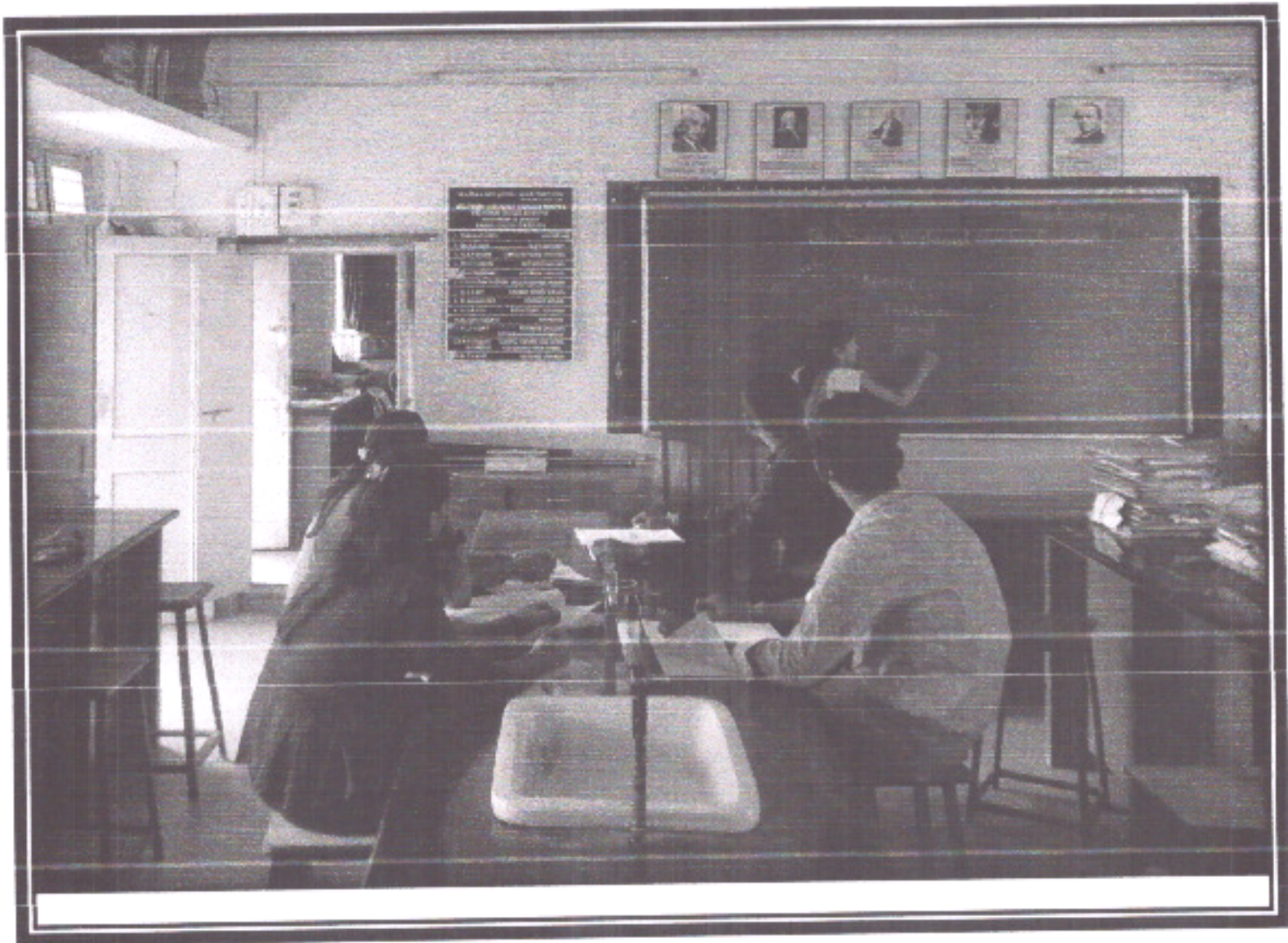
Department of Zoology, Vivekanand College, Kolhapur (Autonomous) has organized remedial coaching to improve academic skills among the slow learner in zoology subjects and raising their level of comprehension of basic subjects to provide a stronger foundation for further academic work. for the students from B. Sc. Part II having percentage 55% or less than 55% in subject zoology as per the guideline of NAAC and IQAC.

Remedial coaching was organized from 02/12/2021 to 15/12/2022 in Lab no.48 at 10.00 to 11.00 am. 12 students from B. Sc. II attended the classes during this. In this coaching two lectures were conducted per day and completed the syllabus designed for this in time. Students were enthusiastically participated in this course and were eager to learn more basic knowledge to clear concepts. After successfully teaching to the student, examination based on the designed syllabus was conducted to test the progress and achievement of student during the course. The outcome result will be analyzed from the examinations.

All the students have interestingly attended the lectures. These students were given special care, their area of difficulty is identified and remedial action was taken to solve their problems by the faculty of Zoology department. The remedial coaching is successful one because every student attended the remedial coaching have reported progress in examination conducted on syllabus assigned for remedial coaching as per their results. The special concentration to the slow learners effectively guided them to overcome their difficulties in learning and score good marks in their examination. Dr. G. K. Sontakke, Head, Department of Zoology have monitored and successfully guided all the staff of Zoology department and finalized the course smoothly. As an outcome there was observed enhancement in regularity and involvement in classroom teaching- learning. This course gives additional help to students who, for one reason or another, have fallen behind the rest of the class in the subjects.


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Photos: Remedial Coaching-2022-23

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