



**Sarojini Naidu Govt Girls College Post Graduate (Auto.) College,
Shivaji Nagar, Bhopal (M.P)
ZOO-NATURE
DEPARTMENT OF ZOOLOGY**

NEWS LETTER

VOLUME: JULY -DECEMBER 2021



From- Principal's Message:

Greetings for the new session! The highest education is that which does not merely give us information but makes our life's in harmony with existence. It is with this spirit that SNGGPG College has been striving in pursuit of excellence since its inception. Our journey which began in 1970 is adorned with triumphs and victory, laurels and milestones as well as challenges and obstacles. In 1996 the college was granted autonomous status by the UGC. In 2017 it was accredited with an 'A' grade by NAAC. The staff put in the best of its efforts to have a symbiotic relationship with the students. I also congratulate the entire college community for their dedication and commitment in this challenging journey of fifty fruitful years.

With love and warm wishes

Dr. Pratibha Singh



From H.O.D's Message:

It gives me an immense pleasure to pen down some words for the publishing the new edition of departmental news letter "ZOO NATURE". In present scenario, we are facing different environmental challenges. Our aim is to impart knowledge to combat these environmental challenges, to save our mother nature and its greatest treasure wild life. This edition of news letter highlights departmental events and academic achievements to gain our aim.

Warmest Regards

DR. NEERJA SHRIVASTAVA







"We Don't Own The Planet Earth; We Belong To It And We Must Share With Our Wildlife".





Steve Irwin

DEPARTMENTAL OVERVIEW

Department caters B.Sc. M.Sc. students. In B.Sc. besides traditional BZC group ZNC and ZTC group of students studied zoology. By government orders new education policy 2020, in B.Sc. I Year 63 and 231 students choose zoology as major and minor respectively. In M.Sc. 48 students are appeared in exam. In this session progression from B.Sc. to M. Sc. is 40%. In present scenario and on student request, the department has started wildlife conservation as optional paper. To encourage and develop the conservation and knowledge about environment. Department has also started a six months certificate course on – Vermicomposting. 32 students have enthusiastically enrolled in this course.

DEPARTMENT STAFF AND THEIR RESPONSIBILITIES

S.No.	Name	Designation	Responsibilities
1	Dr. Neerja Shrivastava 	Professor	<ul style="list-style-type: none">• H.O.D. Zoology• Janbhagidhari committee – Convener• Land scaping - Convener• Eco – Club - Member• Garden Maintenance Committee – Member• Collegiate Technical Committee – Member• Tutor- Guardian - Member
2	Dr. Rajni Shrivastava 	Professor	<ul style="list-style-type: none">• Autonomous Cell – Controller• Fee Committee – Member• College Development Committee – Member• Foreign Tour Permission Committee – Member• Collegiate RUSA Purchase Committee – Member• Tutor- Guardian - Member
3	Dr. Chandana Basu 	Professor	<ul style="list-style-type: none">• MMVY/MMJKY Scholarship – Convener• Gaon Ki Beti Scholarship – Member• Autonomous Printing Cell – Assistant Controller• Tutor - Guardian Scheme- Member
4	Dr. Mukesh Dixit 	Professor	<ul style="list-style-type: none">• IQAC – Co - Convener• Management Of Website – Incharge

5	Dr. Seema Dixit	Professor	<ul style="list-style-type: none"> • IQAC - Member • Tutor - Guardian Scheme - Convener Science Faculty • AC/EC Committee - Member • Certificate Course – Co-ordinator • Academic Development Committee – Member • Student Union Committee – Member
			
6	Dr. Pratima Khare	Professor	<ul style="list-style-type: none"> • Remedial Classes - Convener • JOPW - Member • Tutor - Guardian – Member • MMVY/ OBC Scholarship – Member
			
7	Dr. Jyoti Uikey	Asst. Professor	<ul style="list-style-type: none"> • Autonomous Cell - Assistant Controller Academic Wing • NCC- Co- Convener • Library Committee - Member • Write-off Committee - Member • UGC - Member • Time-table Committee – Member • Tutor - Guardian - Member
			
8	Dr. Isha Solanki	Guest Faculty	<ul style="list-style-type: none"> • MMVY - Member • Pratibha Kiran Scheme - Member • Tutor- Guardian - Member
			

DEPARTMENTAL ACHIEVEMENTS

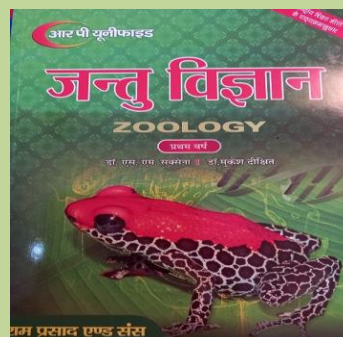
• RESEARCH PAPER -

1. Macro invertebrates as a tool for assessing water quality of Chandra Shekhar Azad Project (JOHBAT DAM) INDIA - DR. Mukesh Dixit, Naveen Shodh Sansar, Sept 2021
2. Biomonitoring a future tool for environmental studies - Dr. Neerja. Shrivastava and Dr. Mukesh Dixit , FLORA and FAUNA in VOL.27 , DEC 2021
3. Impact of nutrient enrichment on water quality of a tropical Ramsay Wetland – Dr. Mukesh Dixit and Dr. Seema Dixit, FLORA and FAUNA in VOL 27, December 2021
4. Water quality analysis of Chicklod wetland with reference to pollution – Dr. Mukesh Dixit and Dr. Seema Dixit, FLORA and FAUNA in VOL. 27, December 2021.

“The proper use of Science is not to conquer nature but to live in it” - Barry Commoner

• **BOOK PUBLICATION**

Name of the Teacher	Title of the Book Published	Year and Month of Publication
Dr. Mukesh Dixit, Professor	RP Unified Zoology II Year (2020-21)	February 2020
Dr. Mukesh Dixit, Professor	Jantu Vigyan Zoology II Year (2020-21)	February 2020
Dr. Ruchira Chaudhary, Professor Zoology (Editor)	Report cum Research Compendium of National Webinar on Circular Aspect NAAC Criteria - 1	September 2020



• **Other Achievements of Faculty Member –**

- Dr. Mukesh Dixit – Professor, appointed member of Madhya Pradesh State Grievances Committee of Wetland.
- Dr. Mukesh Dixit – Professor, Participated in Hot Air Ballooning adventure Sports held at Mandu (Madhya Pradesh)

ENHANCEMENT OF THE DEPARTMENT

MEMORANDUM OF UNDERSTANDING (M.O.U.)

- The need of the hour is to conserve wildlife and to protect our Mother Nature, for this reason department has signed the M.O.U. with World Wildlife Fund (WWF) dated on 26 August, 2021
- To create environmental awareness, department has signed a M.O.U. with Environmental Planning and Coordination Organization (EPCO) dated on 28 Jun, 2021.

• **BEST PRACTICES**

- Department has opted Organic Farming as an optional subject among students. This course in which 300 students are enrolled. Organic Farming is the need of the hour to develop awareness about “Green Technology”.
- Department has also started a 6 months course on Vermicomposting, in which 32 students are registered.
- The Department has a well established library, in which 1050 books has been received from the Central library of the college. PG students are regularly issuing the books, students have also been allotted time in their time-table (3 to 5 pm) for issuing the books.
- Students have enthusiastically submitted Charts, Specimen and Poster etc. as the collection to enrich the department.
- 16 students of the department enrolled in NSS. Where they took part in different social activities like plantation drive, vaccination camp, blood donation, cloth donation activities.

“Look deep into nature, and then you will understand everything better” -Albert Einstein

Departmental Events

- To develop scientific attitudes among the students, department has organized various academic events, the list of the are as follows -

NAME OF EVENTS:

S. No.	Date	Event	Name of the Event	No. Of participants	Objectives
1	26/7/2021 - 28/7/2021	Poster competition	Environment and sustainability	23 students	To promote awareness about natural resources and their conservation and sustainability.
2	2/10/2021	Excursion/ Workshop	WALMI Institute	34 students 1 faculty	To enhance the knowledge about biodiversity and water conservation.
3	23/12/21	Educational visit	Patra Fish Farm Bhopal	19 students 1 faculty	To gain field knowledge about pond management and fish breeding.
4	24/12/21	Educational visit	International VAN MELA 2021	11 students 1 faculty	To enrich students knowledge about wildlife sanctuaries, medicinal plants and biodiversity.

CELEBRATION OF COMMEMORATIVE DAYS

S. No.	Date	Activity	Name of the Celebration	No. Of participant's	Objective
1	8/10/21	Wildlife photography competition	Wildlife week celebration	15 students	To promote awareness about wildlife
2	1/12/21	Guest lecture (Dr. Manoj Verma) District T. B. and AIDS Nodal Officers	World AIDS Day	102 students 6 faculties	To promote awareness about AIDS and its prevention measures

*“Earth provides enough to satisfy every man’s needs, but not every man greed”
– Mahatma Gandhi*

Formation of Zoological Association

To develop leadership, management, group activities and feeling of belongingness, department form Zoological Association. Members are as follows.

Zoological Association

- | | | | | |
|-------------------|---|--------------------|---|----------------|
| • President | - | Neha Yadav. | - | M.Sc. Sem. IV |
| • Vice President | - | Shreyasi Rajvaidya | - | M.Sc. Sem. II |
| • Secretary | - | Pragati Patel. | - | B.Sc. III Year |
| • Joint Secretary | - | Priya Shukla | - | B.Sc. II Year |
| • Treasurer | - | Kajal Kuchya | - | M.Sc. Sem. II |

Executive Members

- | | | |
|---------------------|---|----------------|
| • Anjali Meena | - | M.Sc. IV SEM. |
| • Shivangi Omre | - | M.Sc. II SEM. |
| • Manorama Singh | - | B.Sc. III Year |
| • Gauri Khuswaha | - | B.Sc. II Year |
| • Madhu Priya Buddu | - | B.Sc. I YEAR |

Students Achievements

- In departmental events, students took part in Poster Competition **Title - Environment and Sustainability**, students got certificate from eco-club of the college. Name of the students are as follows –

First – Pragati Tiwari	–	M. Sc. Sem. II
Second – Asha Ahirwar	–	M. Sc. Sem. IV Botany
Third - Diksha Gour	–	M. H. Sc. Sem. III
- In the occasion Wild Life Week (01to 07 Oct, 2021) students participated in photography competition. In which students got certificate from eco-club of the college. Name of the students as follows –

First – Devangni Chouhan	–	B. A. II Year
First – Rishika Gani	–	B.Sc. II Year
Second – Jaya Singh Baghel	–	M. Sc. Sem. III Zoology
Third – Renuka Bhallavi	–	M. Sc. Sem III. Zoology
- On the auspicious occasion of “Azadi Ka Amrit Mahotsav” department organized an excursion tour to WALMI - “Prakriti Mange Swaraj” where all 32 students got certificate of participation.

Future Plans

- Setting up digital space with virtual activities for students.
- Updating of the laboratory.
- To fulfill the skill development according to NEP 2020 department will pursue M.O.U. With reputed institutes and entrepreneurs.

“Time spent among trees is never time wasted” – Anonymous

PHOTO GALLERY DEPARTMENTAL EVENTS



Excursion – WALMI – 02/10/2021



Dr. Manoj Verma on 01/12/2021



Visit to Patra Fish Farm on 23/12/2021



Visit to International Van-Mela on 24/12/2021

PHOTO GALLERY

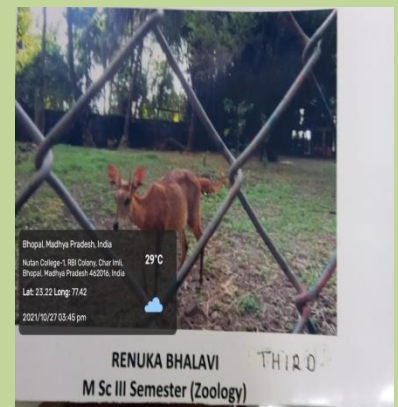
STUDENTS ACHIEVEMENTS



Poster Competition on – 26/07/2021



Excursion – WALMI on 02/10/2021



Wildlife Photography on -08/10/2021