



Govt. Rajmata Vijaya Raje Sindhiya Kanya Mahavidyalaya , Kawardha , Dist-Kabirdham(Chhattisgarh)

Email:- rvtsgirlscollegekwd@gmail.com

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PROFILE OF THE DEPARTMENT OF ZOOLOGY

Year of establishment: 2008

The Department of Zoology was opened in 2008 along with the Department of Botany and since then only General course has been taught till 2020, from the academic session 2008-09 under Pt. Ravishankar Shukla University, Raipur (C.G.). The Department started teaching at the Graduate level. Now the college is affiliated to the Hemchand Yadav University, Durg, since 2016. The college gets its name "Govt. Rajmata Vijaya Raje Sindhiya Kanya Mahavidyalaya" on 13/06/2008. Before it, the College was known by the name "Govt. Kanya Mahavidyalaya, Kawardha". The Department is now moderately equipped and has been shifted to the New Laboratory at the first floor of the of College.

Names of Programs / Courses offered: UG (B. Sc. CBZ)

Number of teaching posts:

Sr.No.	POST	Sanctioned	Filled
1	Professor	NA	NA
2	Associate Professor/Reader	NA	NA
3	Assistant Professor	1	1

Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience
Mr. ASIT KUMAR	M.Sc. (Zoology), CSIR-NET	Assistant Professor	Immunology	8.5 Year

Academic experience:

(i) Teaching:

1. Worked as Asst. Prof. of Zoology in Govt. Rajeev Lochan College , Rajim, District- Raipur on contract basis (Sanvida) from 13th Sep. 2007 to 30th April 2008.
2. Worked as Asst. Prof. of Zoology in Govt. Rajeev Lochan College , Rajim, District- Raipur on contract basis (Sanvida) from 1st July. 2008 to 30th April 2009.
3. Worked as Asst. Prof. of Zoology in Govt. Rajeev Lochan College , Rajim, District- Raipur on contract basis (Sanvida) from 4th July. 2009 to 30th April 2010.
4. Working as Asst. Prof. of Microbiology in A.P.S.G.M.N.S. Govt. P.G. College Kawardha from 16.11.2012 (Appointed by Dept. of Higher education Govt. of Chhattisgarh after selection through C. G. P. S. C.)

Student Teacher Ratio (program-wise): B. Sc. (CBZ) - 566:1

Number of academic support staff (technical) and administrative staff: sanctioned, filled:

Sr. No.	Academic support staff	Sanctioned	Filled
1	Lab Technician	1	Nil
2	Lab Attendant	1	1

Publications:

Number of papers published in peer reviewed journals (national / international):

1. Diversity and Seasonal Variation of Soil Mycoflora of Bilaspur District of Chhattisgarh State; *Indian J.Sci.Res.* 13 (2): 184-187, 2017 ISSN: 0976-2876 (Print), ISSN: 2250-0138 (Online)
2. Evaluation of Antagonistic Behavior of Soil Mycoflora of Bilaspur District; *FLORA AND FAUNA* 2017 Vol. 23 Special Issue; ISSN 0971-6920
3. Heavy Metal Tolerant Soil Micoflora : A Natural Resource of Bioremediation; *Progressive Research – An International Journal Society for Scientific Development*; Print ISSN: 0973-6417, Online ISSN: 2454-6003 in *Agriculture and Technology Volume 12 (Special-IV): 2464-2466 (2017) Meerut (U.P.) INDIA*
4. Physico-chemical Analysis of Drinking Water in Lormi Tehsil of Chhattisgarh State; 816 Trends in Biosciences *Trends in Biosciences* 11(6), Print: ISSN 0974-8431, 816-817, 2018

Monographs: NIL

Chapter in Books: NIL

Books Edited: NIL

Books with ISBN with details of publishers: NIL

Seminar / Conference (National & International) : Presented / Participated

Title of Seminar/ Conference/ Symposia/ Workshop	Date, Venue, Organizer	Year	Participated
Advances in Biological Sciences	Pt. Ravishankar Shukla University Raipur (C.G.)	2011	Participated
National Conference on Microbial diversity: Exploration, Conservation & Application.”	Govt. E. R. R. P.G. Science College, Bilaspur (C.G.)	16, 17 February 2013	Participated
One Day Workshop on Trends and Applications in microbiology and Bioinformatics	Bilaspur University Bilaspur(C.G.)	22 Nov.2014	Participated
Impact of Sugar Mill effluents on Biodiversity of local fishes of Chhattisgarh	A.P.S.G.M.N.S. Govt. P.G. College Kawardha Chhattisgarh	16, 17 Jan. 2015	Presented
Democracy and E- Governance	A.P.S.G.M.N.S. Govt. P.G. College Kawardha Chhattisgarh	18, 19 Jan. 2015	Presented
Study of Biodiversity of fishes of Sarodha Dam	Govt. Madanlal Shukla College, Scepath, District: Bilaspur (C.G.)	29, 30 Jan. 2015	Presented
National Conference on Enhancement Strategies in Quality Education and Research	Nagarjuna Post Graduate College of Science Raipur	27, 28 Nov. 2015	Participated
Biodiversity of Bacteria in Drinking water of Kabirdham	Govt. w. w. patankar Girl's P.G. College Durg (C.G.)	27,28 Jan. 2017	Presented

Effect of degrading Biodiversity of pond and stream fishes in the life of local Fisherman of Kabeerdham	Govt. w. w. patankar Girl's P.G. College Durg (C.G.)	3, 4 Feb. 2017	Presented
Current development of Environmental sciences in Chhattisgarh state	Effect of cyanotoxins on bodymass of local pond fishes of Kawardha	30 Nov. 2017	Presented
Study of Fish market and their pattern in Raipur city of Chhattisgarh State	Maharana Pratap Krishi aym Praudyogiki Vishvavidyalaya Udaipur	3 Dec. 2017	Presented
National workshop on Aquatic animal diseases in Chhattisgarh under national surveillance for Aquatic animal Diseases	College of Fisheries	30.Sep.2019	Repporteur
International Conference ICME-2020 Microbial analysis of Drinking water in Kota Tehsil of C.G. State.	V.Y.T. P.G. College Durg	3, 4 Jan 2020	Presented
Workshop on Online courses through Swayam	Atal bihari Vajpai University Bilaspur	1.Oct. 2019	Participated
National Conference RUSA Biodiversity its importance and conservation	Govt. Atal Bihari Vajpai College Pandatarai	21,22 Jan. 2020	Presented
International Conference "Antagonistic activities of local cyanobacterial isolates against Fungal Phytopathogens"	Shankaracharya Mahavidyalaya Junwani Bhilai	28.2.2020	Presented

Students Data

Student profile program-wise:

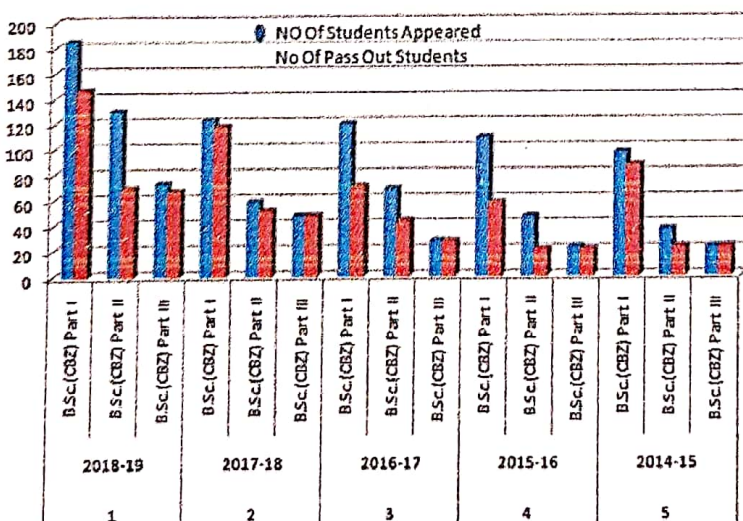
Name of the Course/Programme (for the session 2019-20)	Applications received	Enrolled	Pass percentage
B.Sc.(CBZ) Part I	389	199	Examination yet to be held
B.Sc.(CBZ) Part II	143	141	Examination yet to be held
B.Sc.(CBZ) Part III	104	104	Examination yet to be held

Diversity of students:

Name of the Course	Percentage of students from the same State	Percentage of students from other State	Percentage of students from abroad
B.Sc.(CBZ) Part I	100	NIL	NIL
B.Sc.(CBZ) Part II	100	NIL	NIL
B.Sc.(CBZ) Part III	100	NIL	NIL

Result Analysis: Zoology Subject

Sr.No.	Session	CLASS	APPEARED	PASS
1	2018-19	B.Sc.(CBZ) Part I	185	147
		B.Sc.(CBZ) Part II	130	70
		B.Sc.(CBZ) Part III	73	67
2	2017-18	B.Sc.(CBZ) Part I	123	118
		B.Sc.(CBZ) Part II	59	52
		B.Sc.(CBZ) Part III	48	48
3	2016-17	B.Sc.(CBZ) Part I	120	71
		B.Sc.(CBZ) Part II	69	44
		B.Sc.(CBZ) Part III	28	28
4	2015-16	B.Sc.(CBZ) Part I	109	58
		B.Sc.(CBZ) Part II	47	21
		B.Sc.(CBZ) Part III	23	21
5	2014-15	B.Sc.(CBZ) Part I	97	87
		B.Sc.(CBZ) Part II	37	23
		B.Sc.(CBZ) Part III	23	23



Details of infrastructural facilities:

- a) Library: The Department does not have any library as such. But the complementary copies Provided by different publishers are preserved for use of the students
- b) Internet facilities: for staff Part of Central facilities.
- c) Laboratories: 01(Common For Botany and Zoology)
- d) Teaching methods adopted to improve student learning:
Technology aided lectures, demonstration, group discussions and educational tours.
Participation in Institutional Social Responsibility (ISR) and Extension activities
Students are encouraged to participate ISR through NSS units of the College.

SWOC analysis of the department and future plans :

SR.NO.	Strengths:	Weaknesses	Opportunities	Challenges
1	Good number of Students of zoology	Poor student Teacher Ratio.	Setup for teaching position can be enhanced	Recruitment policy of permanent faculty.
2	Scope for extension of laboratories.	Insufficient laboratory equipments & space.	Newly opened honours courses can cater to local demand for the subject.	Financial constraints in up gradation of laboratory.
3	A highly motivated subject specialized staff	Lack of P.G. Facility	Affiliation for P.G. Course can be granted	Lack of Infrastructure , laboratory and departmental library facilities
4	Only one Girls College in the District	Lack of female teaching staff.	Vacant post can be fulfilled with female teaching staff	To increase amenities for female staff
5	Big open and green area in the College campus is available	No practical work related to Animal house and economic zoology	Animal house, vermiculture, aquaculture pond can be introduced	College is not receiving grant for research and extension activities.

Best Practices of The Department:

- Special invited talks and Guest Lectures are organized regularly.
- Departmental Seminar classes, Models, Posters, and assignments for students are being practiced for their whole personality development.

Future Plans:

- To start P.G. Program in Zoology.
- Opening of an interdisciplinary research laboratory.
- Setting up of Departmental Library.
- Overall improvement of Departmental infrastructure.
- Setting up an Animal House.



ASIT KUMAR

HOD

Department of Zoology
Govt. Rajmata Vijaya Raje Sindhiya
Kanya , Mahavidyalaya, Kawardha