



J.D.M.V.P. Co. Op. Samaj's, Shri. S. S. Patil Art's, Shri. Bhausaheb T. T. Salunkhe Commerce and Shri. G. R. Pandit Science College, (Nutan Maratha College), Jalgaon.



DEPARTMENT OF ZOOLOGY

DEPARTMENTAL PROFILE 2018 To 2023

1. Vision

- To provide an environment where can learn and become competent users of Zoology and Zoological application.

2. Mission

- To look after the development of students as Zoological thinkers.
- To enable our students to become lifelong learners, to continue to grow in their chosen professions.
- To enable the students as productive Citizens.

3. Objectives:

- Study the origin and development of species, their habits, behaviors and interactions also research the development of animal diseases.
- To provide quality education in a branch of Biological sciences i.e Zoology with different specializations.
- To facilitate Higher education & research in zoology.
- To provide quality education offering skill based programs and motivate the students for self employment in applied branches of Zoology.

4. Departmental Staff:

Sr. No.	No. of post Sanctioned	No. of post filled
1	03	Assistant Professor: 01
2		CHB: 02

Sr. No.	Name of teacher	Qualification	Designation	Experience
1	Dr P B Patil	M.Sc , M. Phil., PhD	Assist. Professor	27 years
2	Prof S.M Sonawane (Transfer at yawal college)	M.Sc , PhD	Professor	33 years
3	S. B Deshmukh (Retired on30/06/2022)	M.Sc , M. Phil	Associate Professor	34 years
4	Miss Anam Aatefa Syd Asif	M. Sc., B.Ed	CHB	06 years
5	Mr. Vitthal K. Bavskar			
6	Mr. M.S.Narkhede	M. Sc., SET	CHB	03 years
7	Mrs Haswani S P	MSc	CHB	01years

5 .Information of the Teachers:

❖ Dr. P. B. Patil:

Sr. No.	Degree	University	Year of Passing	Class Obtained	Percentage
1.	B.Sc.	Poona University, Pune	April-1991	I st class	61%
2.	M.Sc.	North Maharashtra University, Jalgaon	May- 1993	I st class with Distinction	71.75%
3.	M.Phil.	North Maharashtra University, Jalgaon	Nov. 2009	II nd	57.4%
4	Ph.D.	N.M.U. Jalgaon	Oct. 2015	--	---

❖ **Miss. Anam Sayyed :**

Sr. No.	Degree	University	Year of Passing	Class Obtained	Percentage
1.	B.Sc.	North Maharashtra University, Jalgaon	June, 2016	I st class with Distinction outstanding	93.58%
2.	M.Sc. Physiology	North Maharashtra University, Jalgaon	June, 2018	I st class with Distinction outstanding	78.70%
3.	Bed	North Maharashtra University, Jalgaon	June, 2021	I st class with Distinction outstanding	85.58%

❖ **Mr. M. S. Narkhede :**

Sr. No.	Degree	University	Year of Passing	Class Obtained	Percentage
1.	B.Sc.	SGBAU , AMRAVATI	June, 2013	I ST CLASS	68.00%
2.	M.Sc. Entomology	SGBAU , AMRAVATI	June, 2015	I ST CLASS	69.00%
3.	SET	SPPU, Pune	2023	--	--

❖ **Mrs. S. P. Haswani**

Sr. No.	Degree	University	Year of Passing	Class Obtained	Percentage
1.	B.Sc.	North Maharashtra University, Jalgaon	June, 2015	I st class with Distinction	73.85%
2.	M.Sc. Physiology	North Maharashtra University, Jalgaon	June, 2017	I st class	69.05%

6 Details of the Programs Offered by the Department :

Sr. No	Programme level	Name of the Programme	Duration	Entry Qualification	Medium of Instruction
1	U. G.	B. Sc. Zoology Gen.	03 Years	H. S. C.	English
2	P.G.	MSc Entomology	02 Years	BSc Zoology	English

7 Enrolment of Student in the Department:

Sr. No.	Year	Class	No. of Students		
			Boys	Girls	Total
1	2018-19	FYBSc.	132	67	199
		SYBSc.	78	43	121
		TYBSc.	13	09	21
2	2019- 20	FYBSc.	128	63	191
		SYBSc.	71	52	123
		TYBSc.	09	07	16
3	2020-21	FYBSc.	91	48	139
		SYBSc.	53	34	87
		TYBSc.	08	05	13
4	2021- 22	FYBSc.	78	32	110
		SYBSc.	43	20	63
		TYBSc.	05	03	08
5	2022-23	FYBSc.	74	23	97
		SYBSc.	36	28	64
		TYBSc.	05	06	11

8 Ratio of Teacher to Students:

Sr. No	Year	No. of Teacher	No. of Students	Ratio
1	2018-19	03	341	1:113
2	2019-20	03	330	1:110
3	2020-21	03	239	1:79
4	2021-22	04	181	1:45
5	2022-23	04	172	1:43

9 The Year in which the Curriculum was revised :

Year	Class	Syllabus Sem. I	Syllabus Sem. II
2018-19	FYBSc.	Zoo 101 Animal Diversity I Zoo 102 Animal Diversity II Zoo 103 Animal Diversity I & II	Zoo 201 Comparative Anatomy of Vertebrates Zoo 202 Developmental Biology of Vertebrates Zoo 203 Comparative Anatomy & Developmental Biology of Vertebrates
	SYBSc.	ZOO 301 Physiology ZOO 302 Biochemistry ZOO 303 Physiology & Biochemistry SEC I Apiculture	ZOO 401 Genetics ZOO 402 Evolutionary Biology ZOO 403 Genetics & Evolutionary Biology SEC II Medical Diagnostics
	TYBSc.	Zoo 351 Non-chordates III Zoo 352 Cell and Molecular biology Zoo 353 Mammalian Histology and Physiology I Zoo 354 Biochemistry Zoo 355 Systematics, Evolution and Palaeontology Zoo 356 B) Pest management Zoo 357 Practicals related to Zoo 351 and Zoo 353 Zoo 358 Practicals related to Zoo 352 and Zoo 355 Zoo 359 Practicals related to Zoo 354 and Zoo 356	Zoo 361 Chordates III Zoo 362 General Embryology Zoo 363 Mammalian Histology and Physiology II Zoo 364 Research Methodology Zoo 365 Microtechnique Zoo 366 B) Sericulture Zoo 367 Practicals related to Zoo 361 and Zoo 363 Practical II Zoo 368 Practicals related to Zoo 362 and Zoo 365 Practical III Zoo 369 A) Practicals related to Zoo 364 , Zoo 366 and Project work
2019-20	FYBSc.	Zoo101 Animal Diversity I ZOO102 Animal Diversity II ZOO 103 Animal Diversity I & II	ZOO201 ZOO 201 Comparative Anatomy of Vertebrates ZOO 202 Developmental Biology of Vertebrates ZOO 203 Comparative Anatomy &

			Developmental Biology of Vertebrates
	SYBSc.	ZOO 301 Physiology ZOO 302 Biochemistry ZOO 303 Physiology & Biochemistry SEC I Apiculture	ZOO 401 Genetics ZOO 402 Evolutionary Biology ZOO 403 Genetics & Evolutionary Biology SEC II Medical Diagnostics
	TYBSc.	Zoo 351 Non-chordates III Zoo 352 Cell and Molecular biology Zoo 353 Mammalian Histology and Physiology I Zoo 354 Biochemistry Zoo 355 Systematics, Evolution and Palaeontology Zoo 356 B) Pest management Zoo 357 Practicals related to Zoo 351 and Zoo 353 Zoo 358 Practicals related to Zoo 352 and Zoo 355 Zoo 359 Practicals related to Zoo 354 and Zoo 356	Zoo 361 Chordates III Zoo 362 General Embryology Zoo 363 Mammalian Histology and Physiology II Zoo 364 Research Methodology Zoo 365 Microtechnique Zoo 366 B) Sericulture Zoo 367 Practicals related to Zoo 361 and Zoo 363 Practical II Zoo 368 Practicals related to Zoo 362 and Zoo 365 Practical III Zoo 369 A) Practicals related to Zoo 364 , Zoo 366 and Project work
	MSc - I	ZOO 101 Structure and Function of Invertebrates ZOO 102 Cell and Developmental Biology ZOO 103 Quantitative ZOO 104 Practical ZOO 105 Practical --	ZOO 201 Structure and Function of Vertebrates ZOO 202 Biochemistry and Enzymology ZOO 203 Tools and Techniques for Biology ZOO 204 Practical ZOO 205
	MSc-II	Zoo-301 (A) Entomology – I ZOO 302 Immunology and Molecular Biology ZOO 303 Genetics ZOO 304: Practical 301 + 302 ZOO 305: Practical 302 + 303	Zoo-401 (A) Entomology – II ZOO 402 Systematic and evolutionary biology ZOO 403 Skill in Communication and Writing research Paper ZOO 404 ZOO 304: Practical 401 + 402 ZOO 405 ZOO 305: Practical 402 + 403 ZOO 406 Project Work
2020-21	FYBSc.	Zoo101 Animal Diversity I ZOO102 Animal Diversity II ZOO 103 Animal Diversity I & II	ZOO201 ZOO 201 Comparative Anatomy of Vertebrates ZOO 202 Developmental Biology of Vertebrates ZOO 203 Comparative Anatomy & Developmental Biology of Vertebrates
	SYBSc.	ZOO 301 Physiology	ZOO 401 Genetics

		ZOO 302 Biochemistry ZOO 303 Physiology & Biochemistry SEC I Apiculture	ZOO 402 Evolutionary Biology ZOO 403 Genetics & Evolutionary Biology SEC II Medical Diagnostics
	TYBSc.	Zoo 351 Non-chordates III Zoo 352 Cell and Molecular biology Zoo 353 Mammalian Histology and Physiology I Zoo 354 Biochemistry Zoo 355 Systematics, Evolution and Palaeontology Zoo 356 B) Pest management Zoo 357 Practicals related to Zoo 351 and Zoo 353 Zoo 358 Practicals related to Zoo 352 and Zoo 355 Zoo 359 Practicals related to Zoo 354 and Zoo 356	Zoo 361 Chordates III Zoo 362 General Embryology Zoo 363 Mammalian Histology and Physiology II Zoo 364 Research Methodology Zoo 365 Microtechnique Zoo 366 B) Sericulture Zoo 367 Practicals related to Zoo 361 and Zoo 363 Practical II Zoo 368 Practicals related to Zoo 362 and Zoo 365 Practical III Zoo 369 A) Practicals related to Zoo 364, Zoo 366 and Project work
	MSc - I	ZOO 101 Structure and Function of Invertebrates ZOO 102 Cell and Developmental Biology ZOO 103 Quantitative ZOO 104 Practical ZOO 105 Practical --	ZOO 201 Structure and Function of Vertebrates ZOO 202 Biochemistry and Enzymology ZOO 203 Tools and Techniques for Biology ZOO 204 Practical ZOO 205
	MSc- II	Zoo-301 (A) Entomology – I ZOO 302 Immunology and Molecular Biology ZOO 303 Genetics ZOO 304: Practical 301 + 302 ZOO 305: Practical 302 + 303	Zoo-401 (A) Entomology – II ZOO 402 Systematic and evolutionary biology ZOO 403 Skill in Communication and Writing research Paper ZOO 404 ZOO 304: Practical 401 + 402 ZOO 405 ZOO 305: Practical 402 + 403 ZOO 406 Project Work
2021-22	FYBSc.	ZOO 101 Invertebrate Zoology ZOO 102 Grasshopper The Nonchordate Practical ZOO 103 Corresponding to Zoo 101 and Zoo 102	ZOO 201 Vertebrate Zoology ZOO 202 Frog-The Chordate Practical ZOO 203 Corresponding to Zoo 201 and Zoo 202
	SYBSc.	ZOO 301 Physiology ZOO 302 Biochemistry 02 Practical ZOO 303 Physiology & Biochemistry Apiculture	ZOO 401 Genetics 02 ZOO 402 Evolutionary Biology Practical ZOO 403 Genetics & Evolutionary Biology Medical Diagnostics
	TYBSc.	Zoo-501 Reproductive Endocrinology Zoo-502 Cell and Molecular Biology (CMB) Zoo-503 Mammalian Histology Zoo-504 Animal Biotechnology Zoo-505 Public health and hygiene Zoo-506 (A) Pest Management Zoo-507 Practical related to Zoo-501 & Zoo-502 Zoo-508 Practical	Zoo-601 Study of Leech & Calotes Zoo-602 Chick Embryology Zoo-603 Applied Zoology Zoo-604 Microtechnique DSC Skill Enhancement Course [SEC] Skill Based Zoo-605 Research Methodology Zoo-606 (B) Sericulture (Practical) Zoo-607 Practical related to Zoo-601 2 4 Zoo-608 Practical related to Zoo 602 &

		related to Zoo 502 (MB)& Zoo 503 Zoo-509 Practical related to Zoo504	Zoo 603 Zoo-609 Practical related toZoo 604
	MSc - I	Zoo-101 Core Structure and Functional Anatomy of Invertebrates Zoo-102 Core Cellular organization and Developmental Biology Zoo-103 Core Practical I Zoo-104 Core Practical II Zoo-105 Skill Based Zoo AC-101 Audit Course Practicing Cleanliness	Zoo-201 Core Structure and Functional Anatomy of Vertebrates Zoo-202 Core Biochemistry Zoo-203 Core Tools and Techniques in Biology Zoo-204 Core Practical Zoo-205 Skill Based Aquaculture & Ecology Zoo AC-201 A/B/C/D Audit Course Choose one out of Four
	MSc- II	Zoo-301 C)Entomology I Zoo-302 Core Enzymology and Immunology Zoo-303 Core Practical I Zoo-304 Core Practical II Zoo-305 Elective (Select any one) (A)Animal behaviour (B) Forensic Zoology (C) Endocrinology Zoo AC-301 A/B/C/D Audit Course Choose one out of Four (AC-301A/ AC301B/AC-301C/AC-301D) from Technology + Value Added Courses	Zoo- 401 Entomology II Zoo-402 Core Molecular Zoo-403 Core Practical I (corresponds to 401 and 402) Zoo-404 Core Project Zoo-405 Elective (Select any one) (A)Zoogeography (B)Writing & presenting scientific research paper (C)Computational Biology Zoo AC-401 A/B/C/D Audit Course Choose one out of Four (AC-401A/ AC401B/ AC-401C/ AC-401D) from Professional and Social + Value Added
2022-23	FYBSc.	ZOO 101 Invertebrate Zoology ZOO 102 GrasshopperThe Nonchordate Practical ZOO 103 Corresponding to Zoo 101 and Zoo 102	ZOO 201 Vertebrate Zoology ZOO 202 Frog-The Chordate Practical ZOO 203 Corresponding to Zoo 201 and Zoo 202
	SYBSc.	ZOO 301 Physiology ZOO 302 Biochemistry 02 Practical ZOO 303 Physiology & Biochemistry Apiculture	ZOO 401 Genetics 02 ZOO 402 Evolutionary Biology Practical ZOO 403 Genetics & Evolutionary Biology Medical Diagnostics
	TYBSc.	Zoo-501 Reproductive Endocrinology Zoo-502 Cell and Molecular Biology (CMB) Zoo-503 Mammalian Histology Zoo-504 Animal Biotechnology Zoo-505 Public health and hygiene Zoo506 (A) Pest Management Zoo-507 Practical related to Zoo- 501& Zoo502 Zoo-508 Practical related to Zoo 502 (MB)& Zoo 503 Zoo-509 Practical related to Zoo504	Zoo-601 Study of Leech & Calotes Zoo-602 Chick Embryology Zoo-603 Applied Zoology Zoo-604 Microtechnique DSC Skill Enhance ment Course [SEC] Skill Based Zoo- 605 Research Methodology Zoo606 (B) Sericulture (Practical) Zoo-607 Practical related to Zoo-601 2 4 Zoo- 608 Practical related toZoo 602 & Zoo 603 Zoo-609 Practical related toZoo 604
	MSc - I	Zoo-101 Core Structure and Functional Anatomy of Invertebrates Zoo-102 Core Cellular organization and Developmental Biology Zoo-103 Core Practical I Zoo-104 Core Practical II Zoo-105 Skill Based Zoo AC-101 Audit Course Practicing	Zoo-201 Core Structure and Functional Anatomy of Vertebrates Zoo-202 Core Biochemistry Zoo-203 Core Tools and Techniques in Biology Zoo-204 Core Practical Zoo-205 Skill Based Aquaculture & Ecology

		Cleanliness	Zoo AC-201 A/B/C/D Audit Course Choose one out of Four
	MSc- II	Zoo-301 C)Entomology I Zoo-302 Core Enzymology and Immunology Zoo-303 Core Practical I Zoo-304 Core Practical II Zoo-305 Elective (Select any one) (A)Animal behaviour (B) Forensic Zoology (C) Endocrinology Zoo AC-301 A/B/C/D Audit Course Choose one out of Four (AC-301A/ AC301B/AC-301C/AC-301D) from Technology + Value Added Courses	Zoo- 401 Entomology II Zoo-402 Core Molecular Zoo-403 Core Practical I (corresponds to 401 and 402) Zoo-404 Core Project Zoo-405 Elective (Select any one) (A)Zoogeography (B)Writing & presenting scientific research paper (C)Computational Biology Zoo AC-401 A/B/C/D Audit Course Choose one out of Four (AC-401A/ AC401B/ AC-401C/ AC-401D) from Professional and Social + Value Added

10. Result Analysis of Department:

❖ BSc

Year	Class	No. of Student admitted	No. of Student Appear for Exam.	No. of Student Passed	No. of Student Fail	Percentage
2018-19	TYBSc.	19	19	11	08	60.75%
2019-20	TYBSc.	03	03	01	02	33.33%
2020-21	TYBSc.	17	17	15	02	85.62%
2021-22	TYBSc.	15	15	11	04	75.00%
2022-23	TYBSc.	10	10	06	04	60.00%
2023-24	TYBSc.	02	02	02	00	100%

❖ MSc

Year	Class	No. of Student admitted	No. of Student Appear for Exam.	No. of Student Passed	No. of Student Fail	Percentage
2020-21	MSc	13	12	10	02	85.62%
2021-22	MSc	08	08	08	00	100%
2022-23	MSc	11	11	08	03	78.16%
2023-24	MSc	02	02	02	00	100%

11 Achievement of department :

Sr. No.	Name of Student	Qualifying Exam	Present Position
1	Shaikh Javed	TET	Sec. Teacher
2	Shinde Mayuri	TET	Corp. Teacher
3	Faruque Saima	TET	Prim. Teacher

12. Teaching Programmes Attended:-

Sr. No.	Orientation /Refresher Course/FDP	Name of Inst.	Period of Course	Dates	Subject
1	NSS Training Programme	Ahmednagar College, Ahmednagar	7 days	25/01/2022 to 31/01/2022	PO Training

13. Research Publications by Faculty:

Sr. No.	Title of paper	Name of Publication	Author(s)/Editor(s)	Year of Publication	Level
1	Paper - [An Analysis of Health Status of People in Jalgaon City] Research Journey Issue 291E E-ISSN-2348-7143 From 38 To 43	Research Journey	Wagh M.A. , Sayyed Anam. A. and Patil P. B.	09-04-2022	National
2	Paper - [In Vitro Antiuro lithiatic activity of Hajarul Yahood Bhasm and Hajarul Yahood Pishti.]	Int. Journal Of Innovative Research in Science , Engineering and Technology ISSN: 2319-8753, p-ISSN:2347-6710 Impact Factor : 7.569 From 13947 To 13950	P.B. Patil, JDMVPS College, Jalgaon T.D. Pathan , Khohinoor College, Khultabad	[10-10-2021]	International
3	Paper - [Toxicity Evaluation and Behavioral studies of Freshwater Bivalve Lamellidens Corrianus Exposed to Dimethoate] Int. Journal of Universal Science and Technology	Int. Journal of Universal Science and Technology ISSN:2454-7263, Volume : 05 No :04 From 232 To 237	P.B.Patil ,JDMVPS College, Jalgaon T.D. Pathan , Kohinoor A S and C College, Khultabad	[15-01-2019]	International
4	Paper - [Mineral Composition and Vitamin Estimation in wild life Edible Vegetables from Jalgaon District of	Research Journey Issue 291E E-ISSN-2348-7143 From 32 To 33	P.B.Patil, JDMVPS College, Jalgaon Sbhaikh F.J. S. H.J. Thim College, Mehrun , Jalgaon	[09-04-2022]	National

	Maharashtra] Research Journey				
5	Paper - [Study of Physio-Chemical Parameters of Waghur Dam, Tal and Dist Jalgaon (MS)] Ajantha	Ajantha Volume VIII, Issue I ISSN 2277-5730 Impact Factor 5.5 ISSN 2277-5730 Impact Factor 5.5 From 147 To 153	T.D. Pathan, Khohinoor College, Khultabad Dist Aurangabad P.B.Patil, JDMVPS College, Jalgaon	[11-03-2019]	International
6	Paper - [Variations in Chloride Concentration in Girna River] International Journal of Research and Analytical	Paper - [Variations in Chloride Concentration in Girna River] International Journal of Research and Analytical Reviews (IJRAR) E-ISSN-2348-1269, P-ISSN2349-5138, Impact Factor-5.75 From 348 To 350	P. B. Patil, JDMVPS College, Jalgaon. (MS)	[18-01-2019]	International
7	Paper - [Evaluation of Acute Toxicity of Heavy Metal Copper Chloride and Copper Sulphate to a Freshwater Bivalve Lamellidens Corrianus (Lea)] International Journal of Advance Pharmacology and Toxicology	International Journal of Advance Pharmacology and Toxicology ISSN-0973-2381, 19(1) 2018 From 1 To 4	Pandurang B. Patil, JDMVPS college, Jalgaon (MS)	[20-10-2018]	International
8	Paper - [Impact of Profenofos on Protein content of freshwater bivalve, Lamellidens corrianuis (LEA)]	International Journal of Zoology Studies. ISSN:2455-7269, Impact Factor : 5.14 From 25 To 27	Patil Pandurang Baburao	[01-09-2018]	International

	International Journal of Zoology Studies.				
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14. Book Publications by Faculty:

Sr. No.	Title of the Book	Subject	Publisher	Author(s)	Year of Publication	Level at which Recommended
1	Physiology	Zoology	Prashant Publication	Dr P B Patil Co-author	2019	University

15. Paper Presentation:

Sr. No	Title of the paper presented	Title of Conference / Seminar	Date & duration	Organized by	Whether* National /international /State /Regional/College or University level
1	Mineral Composition and Vitamin Estimation in wild life Edible Vegetables from Jalgaon District of Maharashtra	National conference on Recent Advances in Physical and Biological Sciences	09/04/2022	JDMVPS College and KBCNMU University Jalgaon	National
2	Study of Physio-chemical Parameters of Waghur Dam , Tal and Dist Jalgaon. (MS)	National conference on Recent Environmental Sciences	27 Feb 2019 to 28 Feb 2019	Kavayatri Bahinabai Chaudhari North Maharashtra University, Jalgaon MS)	National
3	Variation in Chloride Concentration in Waghur River Variation.	National Conference on Water Quality Analysis of Khandesh Region	18 January 2019	S.S.V.P.S. Arts , Commerce and Science College, Shindkheda Dist Dhule (MS)	National
4	Variation in Chloride Concentration	National conference	22 December 2018	Smt. Padmabai Kapurchandji Kotecha Mahila	National

	in Girna River Variation.	on Recent Advances in River Water and Conservation		Mahavidyalaya, Bhusawal, Dist Jalgaon (MS)	
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16. Seminars/Conferences/Workshops attended:

Name of teacher	Seminar/ Conference/ Workshop State/ University	Seminar/ Conference/ Workshop National	Seminar/ Conference/ Workshop International
Dr. P B Patil	03	10	02

Sr. No.	Name of the seminar/ conferences/ Workshop / symposia etc.	Name of sponsoring Agency	Place	Date	Duration (Days)
1	Workshop - [NSS PO, APO, Principal and Volunteers Planning and Implementation of Programme in NSS]	NSS Dept. KBCNM University Jalgaon	NSS Dept. KBCNM University Jalgaon	27/05/2022	1
2	Conference - [Int. Multidisciplinary Conference on Recent Trends in Humanities , Commerce and Management Science T]	JDMVPS College Jalgaon and KBCNM University Jalgaon	JDMVPS College Jalgaon and KBCNM University Jalgaon	09/04/2022	01
3	Symposium - [Jilhasthary Pados Yuva Sansad 2021-2022]	Nehru Yuva Kendra Jalgaon	NSS Dept. KBCNM University Jalgaon	25/03/2022	01
4	Workshop - [FYBsc Zoology Syllabus Framing Workshop]	KBCNM University Jalgaon	V.S. Naik College Raver Dist Jalgaon	25/02/2022	01
5	Conference on New Frontiers in Biological Sciences	P.O. Nahata Arts , Commerce and Science College, Bhusawal Dist Jalgaonl	P.O. Nahata Arts , Commerce and Science College, Bhusawal Dist Jalgaonl	17/10/2023	01

6	Workshop FYBSc Zoology Syllabus Framing Workshop	K.B.C.N.M.U. Jalgaon	G T Patil College, Nandurbar	29/09/2023	01
7	Conference on Innovation in Bio Geo-Chemical Sciences	DDNB Arts , Commerce and Science College, Bhusawal Dist Jalgaon	DDNB Arts , Commerce and Science College, Bhusawal Dist Jalgaon	12/01/2024	01
8	State Level Social and Cultural Mahotsav , Utkarsh	NSS Dept. KBCNM University Jalgaon	NSS Dept. KBCNM University Jalgaon	17/03/2024 to 20/03/2024	08
9	National Level Online Quiz Competition	NSS KBCNMU , Jalgaon	PSGVPM Arts , Commerce and Science College, Shahada	24/04/2024	01
10	Chancellors Brigade :NSS Wing	Chancellor Office, Mumbai	NSS KBCNMU , Jalgaon	19/12/2022 to 28/12/2022	10 Day
11	G-20 Yuva Sawad Bharat @ 2047	NSS, State Government , Mumbai	NSS KBCNMU , Jalgaon	22/07/2023	1 Day
12	State Level NSS PO Workshop on G-20 Education and Panchpran	NSS, State Government , Mumbai	NSS , Savitribai Fule Pune University, Pune	26/05/2023 to 27/05/2023	2 Day
13	National Conference on Research in Bio, Geo, Chemical Sciences : A Global Scenario 2023	Dr G D Bendale Mahila Mahavidyalaya, Jalgaon	Dr G D Bendale Mahila Mahavidyalaya, Jalgaon	25/03/2023	01 Day
12	National Integration Camp on Eak Bharat Shreshth Bharat	Ministry of Youth Affairs and Sports , NSS Regional Director , Chandigarh	Punjabi University, Patiala, Punjab	16/02/22 to 22/02/2022	07 Day
14	Workshop on NSS PO, Dist Co-ordinator , Regional Co-ordinator and Principal for Programme Planning	NSS, State Government , Mumbai	NSS KBCNMU , Jalgaon	27/05/2022	01 Day
15	International Conference on Recent Trends in Humanities, and Science	KBCNMU , Jalgaon	JDMVPS Nutan Maratha College, Jalgaon	09/04/2022	01

	Technology				
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17. Use of ICT:

- In Covid-19 pandemic situation online lectures are organized through Microsoft Teams as well as Zoom, Google-Meet, etc.

18. Event/Programs Workshops/Seminars Organized By Department:

Sr. No.	Name of the programme	Name of organizing agency	Level	Date	No. of participants
1	E-Quiz on Zoology. The Occasion of National Zoomania Day	Department of Zoology J. D.M. V. P. Co. Op. Samaj's Ars, Comm. And Science College, Jalgaon	University	20 Dec. 2021	123
2	E-Quiz on Zoology. The Occasion of National Zoology Day	Department of Zoology J. D.M. V. P. Co. Op. Samaj's Ars, Comm. And Science College, Jalgaon	University	14/s02/2022	71
3	Essay Writing Event	Department of Zoology J. D.M. V. P. Co. Op. Samaj's Ars, Comm. And Science College, Jalgaon	College	21/10/2023	42

19. Contribution of Faculty in College/University examination

- i) The faculty of department Contributed Flying Squad in University examination

Sr. No.	Name of College	Worked as	Date	Class	No. of days
1.	K. B. C. N. M. U. Jalgaon	Chairman flying Squad Committee	13 Nov. to 23 Nov. 2019	University Examination	11
2.	K. B. C. N. M. U. Jalgaon	Chairman flying Squad	22 May 2023 to 2	University Examination	13

		Committee	June 2023		
3.	K. B. C. N. M. U. Jalgaon	Chairman flying Squad Committee	25 June 2022 to 30 June 2022	University Examination	06

ii) The faculty of Department Contributed Examiner University Practical Examination

Sr. No.	Name of College	Worked as	Date	Class	No. of days
1.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Yawal	Internal Examiner for Practical	13 Dec. 2018	SYBSc.	01
2.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	13 Dec. 2018	SYBSc.	01
3.	Arts, and Science 4. College, Pachora	External Examiner for Practical	15 Dec. 2018	SYBSc.	01
4.	M. J. College Jalgaon	External Examiner for Practical	17 Dec. 2018	SYBSc.	01
5.	H. J. Thim Arts, and Science College, Jalgaon	External Examiner for Practical	29 to 31 Oct. 2018	TYBSc.	03
6.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	25 to 27 Oct. 2018	TYBSc.	03
7.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	9 March 2019	SYBSc.	01
8.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Yawal	Internal Examiner for Practical	11 March 2019	SYBSc.	01
9.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	22 to 25 March 2019	TYBSc.	03
10.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	14 to 16 Oct. 2019	TYBSc.	03
11.	D. G. Bendale Mahila Mahavidyalaya, Jalgaon	External Examiner for Practical	17 to 19 Oct. 2019	TYBSc.	03
12.	J. D. M. P. Co. Op.	Internal	12 to 14	TYBSc.	03

	Samaj's Arts, Comm. and Science College, Jalgaon	Examiner for Practical	March 2020		
13.	J. D. M. P. Co. Op. Samaj's Arts, Comm. and Science College, Jalgaon	Internal Examiner for Practical	9 March 2020	SYBSc.	01

20. Contribution of Faculty in College:

Name of Teacher	Year	Name of Committee	Post Held
Dr P B Patil	2018-19	IQAC	Member
		College Development Committee	Member
		Academic Audit Committee	Member
		Time Table Committee	Member
		Admission Committee	Member
		Annual Gathering Prize Distribution Committee	Member
		Gymkhana Committee	Member
		Science association	Member
Dr P B Patil	2019-20	IQAC	Member
		College Development Committee	Member
		Time Table Committee	Member
		Admission Committee	Member
		Gymkhana Committee	Member
		Science association	Member
Dr P B Patil	2020-21	IQAC	Member
		College Development Committee	Member
		Time Table Committee	Member
		Admission Committee	Member
		Library Committee	Member
		Annual Gathering Prize Distribution Committee	Member
		General Knowledge Committee	Member
		Gymkhana Committee	Member
		Science association	Member
		University Examination	Director
Dr P B Patil	2021-22	IQAC	Member
		College Development Committee	Member
		Time Table Committee	Member
		Admission Committee	Member
		Library Committee	Member
		Annual Gathering Prize	Member

		Distribution Committee	
		General Knowledge Committee	Member
		Gymkhana Committee	Member
		Science association	Member
		University Examination	Director
Dr P B Patil	2022-23	IQAC	Member
		College Development Committee	Member
		Admission Committee	Member
		Library Committee	Member
		Annual Gathering Prize Distribution Committee	Member
		General Knowledge Committee	Member
		Gymkhana Committee	Member
		Science association	Member

21. Special Facilities of the Department:

- Extra guidance for NET/ SET.
- Recognized Research Center of KBC NMU Jalgaon for UG/ PG and Research Student.

22. List the Distinguished Alumni of the Department:

Sr. No.	Name of the Alumni	Present post held
1	Shaikh Javed	Secondary Teacher at Kasoda Urdu School
2	Mayuri Shinde	Teacher at Pune Corporation School
3	Shaikh Saima	Primary Teacher at Dhanora School
4	Shaikh Shaien	Nayab Tahasildar Mumbai
5	Tushar Patil	Police Inspector , Murud , Kokan
6	Prashant Tapiram Sonawane	BSF Commanding Officer
7	Ishwar Ramdas Borse	Police , Nashik Gramin
8	Shirin B Tadv	Social welfare Officer , Latur
9	Durga Raghunath Thakur	Self-Employ Gotary and Poultry Farm

23. Departmental Library Facilities:

Sr. No	Books	Journals
1	200	10

❖ Central Library

Sr No	Books	Journals
1	1500	03

24. Facilities of the Department:

Sr. No	Perticulars	Numbers
1	Slides	998
2	Charts	152
3	Models and stuffed animals	63
4	specimens	356
5	Instrument	33
6	Microscope	52
7	Computer	1
8	Printer	1
9	LCD Projector	1

❖ List of the Instrument:

Sr. No	Name of Instrument	No. of Instrument
1	Slide projector	1
2	Stabilizer	1
3	Camera lucida	2
4	Amplifier	1
5	Oven head projector	1
6	Insect drying zone	1
7	Research microscope	3
8	Gel electrophoresis apparatus	1
9	pH meter	1
10	Kymograph unit	3
11	Calori meter	1
12	Hot plate	1
13	Speed regulator	1
14	Stop watch	1
15	Automatic voltage regulator	1
16	Voltage corrector	1
17	Student microscope	55
18	Dissecting microscope	22
19	Binocular microscope	3
20	Digital Balance	1
21	Oven	2
22	Incubator	1
23	Refrigerator	1
24	LCD projector	1
25	Microtome	2
26	Centrifuge	1
27	Haemocytometer	10
28	Neubors chamber	6
29	Honey bee box	1

26.Strengths, Opportunities and Challenges (SOC) of the Department:

Strengths:

- Faculty members are actively involved in research activities, project work, presentation of papers in National, International conferences.
- Well-equipped Laboratory.
- Internet facility.
- Good Interaction between faculty and students.
- Guest lectures are arranged.

Opportunities:

- Good opportunities for zoology students of placement in lectureship, research, forest department, competitive exams, animal care taker branch, Forensic Medicine, Pest control, animal suppliers etc.
- They can start small scale industries such as Poultryies, Sericulture, Apiculture Fisheries, Pearl culture, Aquaculture, Pisciculture.

Challenges:

- Motivate the student for Research activity.
- Creating awareness about Digital learning.
- To cultivate research aptitude among UG & PG students is yet another challenge.
- To train the academically weaker students to perform well in academics and help them to pursue higher education.

Future Plans:

- Motivate the student for Research activity
- Creating awareness about Digital learning
- To cultivate research aptitude among UG, students is yet another challenge.
- To train the academically weaker students to perform well in academics and help them to pursue higher education.

DEPARTMENT OF ZOOLOGY PHOTO GALLERY



DEPT OF ZOOLOGY M.Sc II 2023-24



DEPT. OF ZOOLOGY HELD MSc II YEAR STUDENTS SEMINAR 2023



**DEPT. OF ZOOLOGY HELD MSc II
YEAR STUDENTS GUEST LECTURE 2023**



**Dept of Zoology Visit to Umadade
Tal. Erondol (2019)**



Faculty of Dept of Zoology Avtshkar-2019 (Phase II)



National Conference at Dr. Annasaheb G.D Bendale Mahila Mahavidyalaya 2020



COCC Student visit Goatry farm At. Dhanwad Dist. Jalgaon



AVISHAKAR



2019



2019



2023



2023