

# Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur

## Accredited A<sup>++</sup> by NAAC

### **Academic Audit**

(Evaluation Report of Department / Institute for Academic Session 2024-2025 from 01 July 2024 to 30 June 2025)

**Department/Institute: Zoology** 

### 1. Academic Programmes offered:

S. No.	Name of Programme	Sanctioned Strength of Students	Number of Students admitted
1	B. Sc (all semesters)	120	154
2	M Sc (Zoology) Ist Year	68	68
	M Sc (Zoology) II Year	65	62
3	M Sc (Environmental Science) Ist Year	50	46
4	M Sc Environmental Science II Year	24	19
5	M Sc (Aquaculture) Ist Year	50	15
6	M Sc Aquaculture II Year	22	20
7	Ph D Program	43+7+2	52

### 2. Details of Teaching Staff:

S. No.	Name of Professor	Name of Associate Professor	Name of Assistant Professor
	Prof. Ajay Singh	Dr. Mahendra Pratap Singh	Dr. Ram Pratap Yadav
	Prof. Veena Batra Kushwaha		Dr. Sushil Kumar
	Prof. Ravi Kant Upadhyay		Dr. Sunil Kumar Singh
	Prof. Vinay Kumar Singh		Dr. Smita Singh
	Prof. Keshav Singh		Dr. Arundhati Singh
			Dr. Sunaina Gautam
			Dr. Manish Pratap Singh

## 3. Details of Non-Teaching Staff:

S. No.	Name of Class III Staff	Name of Class IV Staff
	Shri Mahesh Prasad	Shri Pradip Kumar Shukla
	Shri Rajender Pasad	Shri Ashwini Kumar Tripathi
	Shri Chandra Kant Chaubey	Shri Raghav Nishad
	Shri Raviprakash Tripathi	Shri Shreeram
	Shri Sharad Chand Anand	Shri Dayashankar Singh
		Shri Ram Pravesh Yadav
		Shri Sandeep Kumar
		Shri Sunil Kumar

## 4. Curriculum changes carried out:

S. No.	Programme	Details of the changes
S. No.	Programme	Details of the changes
1.	B.Sc	Four year syllabus prepared
	B.Sc	SEC (3) papers and AEC (4) papers
2.	B.Sc	Four year honors course syllabus prepared
	M.Sc	One year and two-year syllabus

## 1. Ph.D. Supervision:

S. No.	Name of Faculty Member	Name of Ph.D. students presently working	Qualified at NET/GATE	Type of Fellowship
1	Prof. Ajay Singh	Arpita Singh		
		Vivek Gaur		
2	Prof. Veena B. Kushwaha	Prakirnika Mishra		
		Shashank Singh		
		Ritu Jaiswal	NET	
		C.B. Singh		
		Rabiya Begum		NET/JRF
3	Prof Ravi Kant Upadhyay	Apoorva Dubey		
		Arfiya Fatima		
4	Prof. Vinay Kumar Singh	Prachi Tripathi		
		Sidheswari Singh		
		Akanksha Srivastava		
		Ankita Dikshit	NET	

5	Prof . Keshav Singh	Shruti Rai		
		Vinita Singh		
		Garima Yadav		
		Abhishek Kumar Gupta		
i	Dr. Mahendra Pratap Singh	Raksha Gupta	NET-JRF	
'	Dr. Ram Pratap Yadav	Rani Gupta		
8	Dr. Sushil Kumar	Nandini Singh		NET/JRF
		Anil Kumar		
		Suraj Prasad		NET/JRF
9	Dr. Sunil Singh	Manoj Kumar		
		Utkarsh Kumar Mishra		
10	Dr. Smita Singh	Km Jishu Rao		
11	Dr. Arundhati Singh	Vinay Kumar Singh		
12	Dr. Sunaina Gautam	Shalu Rai		
13	Dr. Manish Pratap Singh	Anshu Yadav	NET	

Number of Ph.D. students presently working (till date)	Number of students awarded Ph.D. degree (2023)	Number of students submitted Ph.D. thesis (2023-2024)
28	01-	08

## 2. Postdoc Mentorship:

S. No.	Name of Postdocs presently working	Name of Mentor	Type of Fellowship
	Nil		

## 3. Students Placed: (Govt. Non- Govt. & Self-employed all)

S. No.	Roll No.	Name of Student	Passing Year	Name of organization/company	Post/ Designation	Type of Organization	Pay Package
1		Ashwini Rao	2023- 24	Anique biosolutions	Assistant manager technical and Sales	PSO	4 lakhs
2		Rahul Gautam	2023- 24	Godrej Agrovet Ltd	Officer sales	PSO	4 lakhs
3.			2023-	Digistain	Clinical Laison	PSO	5.8 Lakh

		24				
4.	evendra Kumar ıpta		under Government of Bihar, Secondary Education	BPSC Teacher	Govt	3.8 lakh

Note:- Provide the same appointment letters.

#### 4. Publications:

### (i) Total number of publications -

### A. Research papers in UGC CARE List Group II -

Journals indexed in globally recognised databases [Web of Science (Art & Humanities Citation Index, Social Science Citation Index, Science Citation Index Expanded) / Scopus / MLA].

S. No.	Title of Paper	Name of Author(s)	Journal Name, Volume, Page No. (Year)	ISSN No.	Impact Factor
1.	Leveraging the Current State of On-Site Water Treatment Plants with Reference to 30 MLD Plant Gorakhpur: Charting the Trends, Challenges, and Future Plans	Deepshikha Gupta, Ajay Singh.	Journal of Emerging Technologies and Innovative Research (JETIR)	2349- 5162	2024,11,11 Indexing In All Major Database & Metadata 7.95(IF)
2.	Unveiling the Complexity of Fish Diversity in River Aami	Arpita Singh, Ajay Singh	International Journal of Scientific Development and Research(IJSDR)	2455- 2631	2025,10,1, 10.2139/ssrn.5117509 Indexing In All Major Database & Metadata 9.15(IF)
3.	SUSTAINABILITY CHALLENGES OF THE AAMI RIVER: A HOLISTIC REVIEW	Arpita Singh, Sunil Kumar Singh, Ajay Singh	Journal of Emerging Technologies and Innovative Research (JETIR)	2349- 5162	2025,12,1 Indexing In All Major Database & Metadata 7.95(IF)
4	containing binary mixture	S.P. Singh, Ajay Singh, Ram Pratap Yadav	Journal of Emerging Technologies and Innovative Research (JETIR)	2349- 5162	2025,12,1 Indexing In All Major Database & Metadata 7.95(IF)
5	Toxicity of Ricin and	Pratap Yadav, Ajay Singh	International Journal of Research Trends and Innovation	2456- 3315	2025,10,2 Indexing In All Major Database & Metadata 8.14(IF)
6	30MLD Sewage Treatment	Deepshikha Gupta, Ajay Singh.	International Research Journal of Engineering and Technology	2395- 0072	2025,12,5 Indexing In All Major Database & Metadata 8.315(IF)

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		Kushwaha		2349-	
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	1	Ritu Jaiswal and		2278 –	2025,
			Pharmacy and	4357	Vol.14, Issue 03, 1330-1349
	pharmacological aspects of	Kushwaha	Pharmaceutical		
	Achyranthes aspera Linn		Sciences		
	A traditional medicinal				
	herb				
9	The synergy of exercise	Sanchita	International Journal of	2456-	2025
	and a planned diet in	Kushwaha and	Physiology, Nutrition	0057	Vol. 10, Issue1: 211-217
	mitigating oxidative stress	Veena B	and Physical Education		
		Kushwaha	•		
10	Therapeutic potential of	Ritu Jaiswal and	Journal of	E-ISSN:	2025
			Pharmacognosy and	2278-	Vol.14, Issue 3: 144-148
	_		Phytochemistry	4136	,
	of rats exposed to			P-ISSN:	
	monosodium glutamate			2349-	
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11	Protective Effect of Amla	Fatma Nikahat.	International Journal of		2024
11		,	Zoological	3055	Vol. 10,
			Investigations	3033	Issue 2: 1159-1170
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			Research		
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		Krishma, Chand		3055	Vol. 10, No. 2: 572-581
			Investigations		
	Nerium indicum induced	Kushwaha Veena			
	toxicity in the kidney of	Batra and			
	Wistar	Srivastav Sunil			
		Kumar			
15	Status of Economic Losses	Prof. Ravi Kant	Acta Scientific Medical		DOI: 10.31080/ASMS.2024.08.1980
	and Health Impact of the		Sciences 8(12):172-184		
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35	and the Role of Antioxidants in Mitigating Oxidative Stress in Alzheimer's Disease.		BioSciences Landmark 30(2):25551	2768- 6698	3.1
36	Chemical, pharmacological and medicinal properties of euphorbious plants <i>Codiaeum variegatum</i> : A Review	and Ajay Singh	New York Science Journal	1554- 0200	2024, 17(4): 1-8
37	Molluscicidal effect of binary (1:1) of aqueous stem bark extracts with active constituents of Euphorbia tirucalli on freshwater snail Indoplanorbis exustus	Khan, Ram P. Yadav and Ajay	European Journal of Biomedical and Pharmaceutical Sciences	2349- 8870	2024, 11(8): 167-172
38	Changes in the metabolism	Khan and Ram P.	World News of Natural Sciences	2543- 5426	2024, 56: 25-35
39	Conservations of fish species; safe guarding the	Ram P. Yadav	International Journal for Research Trends and Innovation	2456- 3315	2025,10(2) 5-8
40	OVIPOSITION	Taheera Ansari,	CIBTech Journal of Zoology	2319– 3883	2024, Vol 13, Indexing: Web of Science
41	Assessment of Lethal Dose of Frequently used Synthetic Insecticides Alphamethrin and Chlorpyrifos against the Larva of Diamondback Moth ( <i>Plutella xylostella L.</i> )	Sushil Kumar*	International Journal of Zoological Investigations	2454- 3055	2024, Vol 10, Issue 2, Web of Science, DOI: https://doi.org/ 10.33745/ijzi.2024.v10i02.039
42	Non-tuberculous Mycobacteria, drug- resistant and extra- pulmonary tuberculosis: Challenges and advancing algorithms for tuberculosis elimination in India by 2025	Amresh Kumar Singh, Ashwini Kumar Mishra, Sushil Kumar	Microbes and Infectious Diseases	2682- 4140	2024, DOI: 10.21608/ mid.2024.327655.2290, Scopus indexed,
43	LARVICIDAL ACTIVITY OF Parthenium hysterophorus EXTRACTS, PREPARED IN HEXANE, ACETONE		Applied Biological Research	0974- 4517	2024, Vol 26, Issue 4, Web of Science, DOI: 10.48165/abr.2024.26.01.54

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	Aedes aegypti MOSQUITO				2027 11 102 1 1 1 2 1 2 1 2 1 2 1
44	Profiling of Second-line Drug Resistant Tuberculosis at the Tertiary Care Center of Northern India	Amresh Kumar Singh, Sushil	Current Microbiology	1432- 0991	2025, Vol 82, Issue 4, Scopus, Impact Factor: 2.6, DOI: https://doi.org/ 10.1007/s00284-025-04152-x
45			Cureus		2025, Vol 17, Issue 3, PMC, Web of Science, Impact
	Analysis of Isoniazid- Resistant Tuberculosis in Eastern Uttar Pradesh, India	Amresh K Singh, Sarita Sarita, Sushil Kumar*, Ashwini K Mishra, Narendra P Singh		2168- 8184	Factor: 1.1, DOI: 10.7759/cureus.80243
46	Adequate Method of	Vivek Gaur,	Acta Scientific		2025, Vol 8, Issue 4, DOI: 10.31080/ASMI.2025.08.1505
	RNA Quantitation and Geographical Distribution of Subjects in Eastern Uttar Pradesh: Findings from a Tertiary Care Hospital	Singh, Bechan Kumar Gautam,	Microbiology	2581- 3226	
47	Molluscicidal and	a			12(7): 796-804; IF: 7.97
	three medicinal plants of family Apocynaceae – a review	Singh, Ajay Singh		2320- 2882	
48	Assessment of river Aami's				14(3): 1429-1437; IF (SJIF): 8.45
	chemical characteristics	Singh, Ajay	World Journal of Pharmaceutical Research	2277- 7105	
49	Role of Indian Diet and Pranayama during COVID Pandemic	Smita Singh	International Journal of Science and Research (IJSR)	2319-	2023, Volume 12 Issue 4, April DOI: 10.21275/SR23221144115
50		Sachin Yadav Abhai Kumar Smita Singh Shahnawaz Ahmad Gurvinder Singh Abdul Rahman Khan Rameshwar Nath Chaurasia Dinesh Kumar			https://doi.org/10.1007/s11011-023-01331-2 Impact factor 3.53
51	Neuroinflammation- Mediated Mitochondrial Dysfunction in MildCognitive Impairment: Insights from Targeted Metabolomics	SmitaSingh, Vivek Singh, Sachin Yadav,	Brain Organoid and System Neuroscience Journal	2949- 9216	2024 https://doi.org/10.1016/j.bosn.2024.10.001

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	1 0	Abhai Kumar	Science for Society	2583-	DOI: 10.5958/2583-3715.2024.00010.7
	Population are Invitation to	and Anup Singh		3715	
	Multiple Diseases				
53	The exposure risk of	Smita Singh	International Journal of	ISSN:	Volume 10, Issue 1, 2025, Page No. 18-24
	pollution on Water Birds of		Zoology Studies	2455-	
	Eastern Uttar Pradesh			7269	
54	Chemical and	Arundhati Singh	Asian Journal of	(1996-	https://ajbs.scione.com/newfiles/ajbs.scione.com/943/943-
	Pharmacological Activities	and Vinay	Biological Sciences	3351)	AJBS. 2025 DOI:
	of Rape Seed Mustard	Kumar Singh			10.2022/ 11. 2025 42.54
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	Mustard): A Magic Herb				
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		and Vinay			
		Kumar Singh			
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57	Investigating the Genetic	Dr. Sunaina	International Journal of		1, January 2025 Volume 14 Issue, pp. 305-311,
		Gautam, Dr. M.	Science and Research	ISSN-	DOI: https://www.doi.org/10.21275/SR25105163035
		K Ahmad, Dr.	(IJSR),	2319-	
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		Sinha A, Saini	Proceedings of the		Vol (121 (52) e2408049121)Doi.
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### B. Research papers in UGC CARE List Group I -

Journals found qualified through UGC-CARE protocols.

S. No.	Title of Paper	Name of Author(s)	Journal Name, Volume, Page No. (Year)	ISSN No.	Impact Factor

### C. Research papers in the peer reviewed journals -

S. No	Title of Paper	Name of Author(s)	Journal Name, Volume, Page No. (Year)	ISSN No.	Impact Factor
1	Arthropod derived venoms: Natural source of Anti-HIV drug molecules:A review		ACTA SCIENTIFIC MICROBIOLOGY		DOI: <u>10.31080/ASMI.20</u> 24.07.1415 August 2024 Web of Science

2	Indian Paper Wasp	Simran Sharma	Global J Infect Dis	ISSN:	DOI:
	Ropalidia Marginata	and Upadhyay, R.	Immune Ther 6 (3):	2694-3824	https://doi.org/10.36266/GJIDIT/1
	Venom Toxin Peptides	K (2024).	155		<u>55</u>
	Induced Effects on				
	Glycogen Level in				Web of Science
	Liver, Gastrocnemius				The of Selection
	Muscle, Rectus				
	Abdominis, Atria and				
	Ventricle in Albino				
	Mice				
3.		Nishat Fatima,	M · E · I		- NAAS Rating
	Impact of nanoparticles	Pankai Kiimar	Munis Entomology		Č
	on the environment and		& Zoology.		
	earthworm: A	Singh and Keshav	19(2):711-726.	ISSN:	
	comprehensive review			1306-3022	
4.		Pankaj Kumar			- NAAS Rating
	Vermicomposting: an	Singh, Anjali			_
	ecofriendly approach	Singh, Nishat	Munis Entomology		
	towards solid waste	Fatima and Keshav	& Zoology. 19(2):	ISSN:	
	management	Singh	749-770.	1306-3022	
5.	Effect of different		International Journal	ISSN:	NAAS Rating
	combinations of feed		of Zoology and	2455-9571	
	material of cattle dung		Applied		
	with kitchen waste on		Biosciences, 9(5):		
	growth rate of		60-67.		
	earthworm <i>Eutyphoeus</i>	Nazia Siddiqui and			
	waltoni Michaelsen	Keshav Singh			

## (ii) Book Chapters -

S. No.	Title of Chapter, Page No.	Name of Author(s)	Title of Book	Publisher	ISBN No.
1	Piscicidal Activity of Thevetia peruviana Latex against Freshwater Fish in Laboratory and Cement Plastering Pond Conditions	Prof. Ajay Singh	Contemporary Research and Perspectives in Biological Science Vol.	BP International ISBN: 9789348119575	International
3.	Production and Therapeutic Applications of Monoclonal Antibodies in Cancer and Other Diseases	Dr. Sushil Kumar	Microbial Enzymes: Production, Purification and Industrial Applications Pages: 535- 568	Wiley-VCH GmbH	ISBN: 9783527352906International
4.	Role of host genetic makeup in SARS-CoV-2 infection and severity of COVID-19	Dr. Sushil Kumar	Applied Research in Biological and Medical Sciences Pages 138- 149	MKSES Publisher Lucknow India ISBN: 978-81- 19746-61-3	National
5.	Major Diagnostic Techniques and their Applications for abolishing the Tuberculosis from India	Dr. Sushil Kumar	Applied Research in Biological and Medical Sciences Pages 125- 137	MKSES Publisher Lucknow India	National ISBN: 978-81-19746-61-3

6.	Potential Therapeutic	Dr. Smita Singh	A Review on	Elsevier	INTERNATIONAL
	Effects of Natural Derived	_	Diverse	Academic Press	ISBN 978-0-323-95735-9
	Bioactive Compounds in		Neurological		ISBN 978-0-323-93733-9
	Sleep Disorders		Disorders		
7.		Dr. Smita Singh	Micro biome,	Elsevier	INTERNATIONAL
	Micro biome and		Immunity,	Academic Press	ISBN: 978-0-12-822238-6
	cognitive health		Digestive Health		Page no. 265-269
			and		r age 110. 203-209
			Nutrition		
			Epidemiology,		
			Path physiology,		
			Prevention		
			and Treatment		
8.	Principles of Zoology	Dr. Smita Singh	Book	International	ISSN: 2455-7269
			International	Journal of	
			Journal of	Zoology	
			Zoology Studies	Studies	
				International	
				Journal of	
				Zoology	
				Studies	

## (iii) Book(s) / Monograph -

S. No.	Title of Book/ Monograph	Name of Author(s)	Publisher	ISBN No.

## (iv) Book(s) Edited -

S. No.	Title of Book	Name of Author(s)	Publisher	ISBN No.
1	Plant Natural Products: their use in disease control (Vol I)	Prof Ravi Kant Upadhyay	AkiNik Publications	B25-034
2	Natural Plant Products: Their Medicinal, Insecticidal and Therapeutic Uses (Volume-2).	Prof Ravi Kant Upadhyay	AkiNik Publications	B25-091
3	Plant Natural Products and its use in Insect Pest Control (Volume-3).	Prof Ravi Kant Upadhyay	AkiNik Publications	B25-094
4	Animal venoms, source of novel drugs and therapeutics (Volume 1)	Prof Ravi Kant Upadhyay	AkiNik Publications	B25-034
5	Insect Science: Principles and Applications	Prof. Vinay Singh	Elite Publishing House, New Delhi.	National
	Applied Research in Biological and Medical Sciences Pages: 1-149	Dr. Sushil Kumar	MKSES Publisher Lucknow India National (Edited Book)	ISBN: 978-81- 19746-61-3

### 5. Projects (ongoing):

S. No.	Title of Project	Principal Investigator/ Co-PI	Funding Agency	Duration	Grant received	National/ International
1	Effects of industrial effluents on fish diversity, status and their ex-situ conservation management in river Aami of Gorakhpur region	Prof. Ajay Singh (PI)	Uttar Pradesh Higher Education Department	3	₹11,00,000/-	National
2	Synergistic role of some plants as molluscicide against harmful snails	Prof. Vinay Kumar Singh Co-PI	Higher Education UP	3 years	176000/- Ist year	National
3	To study of vaginal infection in young females suffering from Human Papilloma Virus infection and associated risk factors	Dr. Smita Singh/ Dr. Abhai Kumar	UP Higher Education Research and Development dividion	Three Years	2,47,500.00	National
4	Synergistic role of some plants as molluscicide against harmful snails	Dr. Arundhati Singh PI	Higher Education UP	3 years	176000/- Ist year	National

### 6. MoU Signed: Nil

S. No.	Collaborating Institution/ Agency	Nature of MoU	Duration	Outcome	National/ International

## 7. Special Status conferred to the Department / Institute by Central/ State Government (e.g. UGC-SAP/CAS, DST-FIST, DBT, ICMR, ICSSR, AICTE, CPE of UGC etc.) Nil

S. No.	Scheme	Agency	Year of award with duration	Amount

## 8. Consultancy: Nil

S. No.	Title	Consulting faculty member	Agency	Duration	Revenue	National/ International

## 9. Patents / Copyright / Trademark:

## **Prof Ravi Kant Upadhyay**

S. No.	Title	Grantee	Patent Application Number	Publication Date	Country
1	"Stylized Container for Safe and Effective Storage of Entomological Specimens" Dr. Priya Srivastava Prof Vinay Kumar Singh	Indian Govt	431615-001 dt.	14.11.2024	India
2	Termite repellent for crop protection Prof. Ravi Kant Upadhyay	Indian Govt	202511002853 CBR 1910 TEMP/E- 1/3421/2025-DEL	28-05-2025	India
3	Process for the production of polyclonal antibodies against <i>Rhipicephalus microplus</i> saliva toxins	Indian Govt	202511002856 TEMP/E- 1/3457/2025 -DEL	28-05-2025	India
4	A method for isolation and purification of novel antigen from black scorpion Heterometrus fastigious	Indian Govt	202511002857 TEMP/E- 1/3490/2025 -DEL	Application ready for publication	India
5	Process for the production of polyclonal antibodies against <i>Rhipicephalus microplus</i> saliva toxins	Indian Govt	202511002858 TEMP/E- 1/3477/2025 DEL	Application ready for publication	India
6	An antiserum and its method of preparation for neutralization of Bee venom induced toxicity	Indian Govt	202511002859 TEMP/E- 1/3505/2025 -DEL	Application ready for publication	India
7.	A composition including polyclonal	Indian Govt	202511013188	Application ready for	India

	antibodies against the yellow wasp <i>Polistes flavus</i> venom protein		TEMP/E- 1/1524/2025-DEL CBR 8313	publication	
8.	A polyclonal antivenom antibody against the Asian Black Scorpion Heterometrus fastigious		TEMP/F_	Application ready for publication	India
9	A honeybee venom toxin peptide antigens and its method of isolation and purification		TEMD/E	Application ready for publication	India
10	An insect rearing Chamber Dr. Sushil Kumar & Tahira	Govt of India	202411056750	15/11/2024	India

## 10. Seminars Conferences/ Workshops/ Webinars organized:/

S. No.	Name of the Event	Date (from - to)	Organized by	National / International

### 11. Seminars/ Conferences/ Workshops/ Webinars attended:

S. No.	Name of Faculty Member	Name of the Event	Participation type (oral/ poster/invited lecture/ plenary lecture/ keynote lecture/ session chaired)	Date (from - to)	National / International
1.	Prof. Ajay Singh	All India Science Teachers Association (AISIA) Annual Conference, 2024	Invited Lecture	29-30 December 2024	National

2.	Prof. Ravi Kant Upadhyay	Advanced Biotechnology and Biosysetm	Session chaired	11-11-2024	National
3.	Prof. Ravi Kant Upadhayay	Department of Zoology Marwar Business School	Invited Lecture	28 March, 2025	National
4.	Prof. Vinay Kumar Singh	National Education Policy-2020 : Atmnirbhar Bharat ki Sankalpna" MG Degree College, Gorakhpur in collaboration with Shiksha Sanskriti Utthan Nyas, New Delhi	Invited Lecture	13-14 October 2024	National
5.	Prof. Keshav Singh	One Day Awareness Workshop on "Intellectual Property Rights (IPR)"	Jointly organized by the Research & Development Cell and IPR Cell, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur (U.P) India, sponsored by Council of Science and Technology, Uttar Pradesh.	02-03-2024	National
6.	Dr. Mahendra Pratap Singh	International Conference on Innovations in Life Sciences for Sustainable Development: Biodiversity, Environment, Health and Food Security- 2025 (ILSSD-2025)	Invited Lecture	6-8 March, 2025	National
7.	Singh		Invited Lecture	24.04.2025 to 26.04.2025	International
8	Dr. Mahendra Pratap Singh	International Conference on Innovations in Life Sciences for Sustainable Development: Biodiversity, Environment, Health and Food Security- 2025 (ILSSD-2025)	Invited Lecture	6-8 March, 2025	National
9	Dr. M P Singh	Value-added course on the Role of Aquaculture and fisheries in sustainable development	Resource person	24 June 2025	National
10	Dr. R.P Yadav	Etiology and treatment of diseases of food fishes value added course on Role of Aquaculture and fisheries in sustainable development	Resource person	24 June 2025 Department of Zoology, DDU Gorakhpur University Gorakhpur	National
11.	Dr. Smita Singh	The No Answer for Autism Spectral Disorder	Organizing Secretary	(2023-2024) on 11-May-2023	International
12	Dr. Smita Singh	Value Added Course on "Role of Aquaculture and fisheries in sustainable Development" (24	Resource Person	24 June 2025- 30June 2025	National

		June 2025 - 30 June 2025)			
13	Dr. Sunaina Gautam	Value Added Course on "Role of Aquaculture and fisheries in sustainable Development"  (24 June 2025 - 30 June 2025)	Oral Presentation	24 June 2025- 30June 2025	National
14	Dr. Sunaina Gautam	36 All India Congress of Zoology and International Conference, Pioglitazone's Impact on PPARγ-Mediated Gene Expression in Human Adipocyte Cells: Understanding the cascade pathway of antidiabetic effects	Paper presentation		National Level 24-25 April 2025
15	Dr. Sunaina Gautam	Social immunity in eusocial insects: Evolutionary mechanisms for disease defence and colony survival	36 All India Congress of Zoology and International Conference	Paper presentation Zoological Society of India	National 24-25 April 2025
16	CD36 gene Haplotypes combinations helps in early Prediction of Type II Diabetes Mellitus in non diabetic individuals	APCMS 20225 8 <sup>th</sup> Asia pacific Cardio Metabolic Syndrome Congress	Oral Presentation	Korean Society of Cardiometabolic Syndrome	International (Seoul South Korea)

### 12. National / International Academic Visits:

S. No.	Name of Faculty Member	Name of Institution/ Laboratory / Industry	Place	Duration	Purpose

## 13. Membership in Committees / boards:

Туре	Name of Faculty Member	Details	Duration
Advisory board member,	Prof. Ravi Kant Upadhyay	Asian Journal of Research in Biological and Pharmaceutical Sciences, ISSN 2349-4492.	07-01-2024 to till date
Advisory board member	Prof. Ravi Kant Upadhyay	Acta Scientific Microbiology	20 March 2024 – till date
Associate Editor:	Prof. Ravi Kant Upadhyay	International Journal of Infectious diseases and epidemiology ISSN:2832-5257 2020	01-08-2024-till date

### 14. E-content / online course material developed:

S. No.	Number of Faculty Members uploaded Online Study Materials	Weblink(s)

### **15.** Departmental YouTube Channel:

S. No.	Number of Videos	Number of Subscribers	Number of Views	Weblink(s)

### **16.** Faculty Recharge Programmes attended:

(UGC Refresher / orientation programs, workshops, training programs and similar programs)

S. No.	Name of Faculty Member	Name of Programme	Duration	Place	Purpose
	Singh	Online NEP 2020 Orientation and Sensitization Programme	To 08-03-2024	Malaviya Mission Teacher Training Programme (MM-TTP) UGC, New Delhi.	Teaching

## 17. Awards / Fellowships received by Faculty Members from State / Central Government / Government recognized bodies:

S. No.	Name of Faculty Member	Name of Award/ Fellowship	Grantee Agency	Purpose	National/ International
1	Singh	Award for outstanding achievements in the field of biological sciences	International Conference on Advances in System Biology held on March 6-8, 2025, organized by the Department of Zoology, School of Biological Sciences, Doctor Harisingh Vishwavidyalaya, Sagar (M.P.), India.	Research	
		Award of Fellowship of	Asian Biological Research Foundation,	Research	_

the Confinteg Inter Aver Appl Persp Susta Deve April by M	ference on grative redisciplinary nues in Biology and lied Science: pectives to ainable elopment on 27-28 l, 2024. Organized M.L.K. P.G College, ampur, Uttar
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## 18. Awards / Recognition / Fellowships received by Students:

S. No.	Name of Student	Name of Award/ Fellowship	Grantee Agency	National/ International
1.	Pallavi Pandey	CSIR NET JRF	CSIR	National
2	Archna Rao	CSIR NET	CSIR	National
3	Rashmi Tiwari	CSIR NET JRF	CSIR	National
4	Salehan	UGC NET	UGC	National
5	Arfiya Fatima	GATE	GATE	National
6	Kriti Gupta	NET	UGC	National

### 19. Student Activities:

S. No.	Name of Activities	Details	Duration (from-to)
1	Sarsawti Pooja	For students orientation towards studies	03-02-2025
2	National Science Day	Quiz, debate, essay competition And prize distribution	28-02-2025
3	Public awareness program	Problem of food adulteration: awareness is the remedy	07-03-2025
4.	World Environment Day	Lecture on environmental protection and tree plantation	05-06-2025
5	Anti-ragging Week	Student participation for self disciple	12-18 August 2024
6.	Deeksha Arambh	Starting of university clsses, welcome of new students	17-08-2024

### **20. Special Lectures Organized:**

S. No.	Name of Speaker	Topic	Date
1		Cancer and its therapeutics: Fight against cancer	28-09-2024
2.	Prof. D K Singh	Science of Vedic Yagna	21 February 2025
3		Applied Zoology for Entrepreneurs	24 June 2025 - 30 June 2025

### 21. Extension Services:

S. No.	Name of Faculty Member	Position	Description
1.	Prof. Vinay Kumar Singh	Coordinator	Administration
2	Dr. Arundhati Singh	Member, Rovers and rangers	Active member
3	Dr. Sunaina Gautam	Member, Rovers and rangers	Active member

### 22. Upgradation of Departmental Website:

Upgradation	Status
Faculty Profile	Yes
Publication details	Uploaded on web site
Time Table	Uploaded on web site
Programme wise Syllabus	
Project List	on web site
Departmental YouTube Channel	
Departmental Achievements	
MoU details	
DQAC	
Prominent Alumni	
Ph.D. Scholar details	Submitted

### 23. Any other information relevant to academic performance:

Date:	
Place:	(Head of the Department)