

## DEPARTMENT OF ZOOLOGY

### GDC KILHOTRAN

The Department of Zoology at GDC Kilhotran was established in 2021 and Dr. Wahied Khawar Balwan, Senior Assistant Professor (Selection Grade) took over as First Faculty Member/Head of the Department.

### VISION

To inhere amongst the students the highest values of life, respect for Nature and to inculcate sound acquisition of knowledge of animal sciences through quality educational practices.

### MISSION

- To provide transformative, holistic and value-based immersive learning experiences to students.
- To sensitize human society for animal welfare, conservation and protection of biodiversity.
- To prepare responsible trained manpower in animal sciences, teaching and basic research at local level.
- To develop infrastructural facility and introduce tools and techniques in relevant fields.
- To provide the quality education in the field of Zoology to students as per the syllabus prescribed by affiliated University under NEP-2020.

### FACULTY PROFILE

#### DR. WAHIED KHAWAR BALWAN

(*Ph.D., D.Litt., D.Sc., FSLSc., FZSI, FAELS, FBPS, FSASS, FABRF, FGESA, FC-ISCA, FIARA, FAETDS, SEFM,FGT,FIOR. FGAS, FIOASD*)

**Senior Assistant Professor & HoD**

### PAPERS/ARTICLES PUBLISHED IN JOURNALS

1. Neelam Saba, **Wahied Khawar Balwan** and Faisal Mushtaq (2022). An overview of A1 and A2 Milk and its impact on Human Health. *Journal of the Asiatic Society of Mumbai* (UGC Carelist Group-I journal). ISSN:0972-0766
2. **Wahied Khawar Balwan**, Arashdeep Singh and Sachdeep Kour (2022). Dengue-A break-bone fever: A crisis within crisis. *East African Scholars Journal of Medical sciences*, 5(4):122-130. ISSN: 2617-7188. Impact factor: 3.0
3. **Wahied Khawar Balwan** and Neelam Saba (2022). A study in perspective of laws and legal trends related to Food Adulteration. *International Journal of Biological Innovations*, 3(1): 360-366, Impact factor 5.465 ISSN 2582-1032.
4. Attied Khawar Balwan, **Wahied Khawar Balwan** and Neelam Saba (2022). Glance of Research Methodology for researchers: A Logical Assessment. *Scholars Bulletin*, 8(3):1-6.

5. **Wahied Khawar Balwan** and Neelam Saba (2022). Tracking the Coronavirus: Variant of Concern (VOC). *Shodhsamhita*, VIII(12-VI).ISSN: 2277-7067. UGC Group I Journal. Impact Factor:4.19
6. **Wahied Khawar Balwan**, Arashdeep Singh and Sachdeep Kour (2022). 5R's of Zero Waste Management to save our green planet: A narrative review. *European Journal of Biotechnology and Biosciences*.,10(1):7-11. ISSN: 2321-9122.
7. Neelam Saba, Jaideep Kumar and **Wahied Khawar Balwan** (2021). Keeping it in the Family: Consanguineous Marriages. *Turkish Journal of Physiotherapy and Rehabilitation*, 32(3):38872-38879. eISSN: 2651-446X. Scopus Indexed, WOS and UGC Group II Journal.
8. **Wahied Khawar Balwan**, **Wahied Khawar Balwan** and Neelam Saba (2021). Decoding the impact of Community and Social Medicine during Covid-19 Pandemic. *International Journal of Biological Innovations*, 3(1): 360-366, Impact factor 4.14 ISSN 2582-1032.
9. **Wahied Khawar Balwan**, Neelam Saba and Kuldeep Sharma (2021). Status of Bluetongue Disease in India: An updated Systematic Review. *East African Scholars J. of Parasitology and Infect Dis.*, 3(5):69-74, ISSN 2663-6727.
10. **Wahied Khawar Balwan**, Neelam Saba and Nazia Rasool (2021). An Overview of Climate Change and Food Security in India. *Annals of R.S.C.B.*, ISSN: 1583-6258, Vol. 25, Issue 4, 2021, Pages. 20124- 20137. Scopus Indexed.
11. **Wahied Khawar Balwan** and Sachdeep Kour (2021). A Systematic Review of Hypertension and Stress-The Silent Killers. *Scholars Academic Journal of Biosciences*, 9(6): 150-154, ISSN:2321-2883. Impact factor 3.1.
12. **Wahied Khawar Balwan**, Neelam Saba and Nazia Rasool (2021). Epidemiology of Mucormycosis in India: A Notifiable Disease. *Saudi Journal of Pathology and Microbiology*, 6(6): 187-191, ISSN: 2518-3370.
13. **Wahied Khawar Balwan**, Neelam Saba and Nazia Rasool (2021). A systematic review of Obesity-an Invited disease. *Journal of Natural Remedies*, 21,1(2): 23-31. Scopus, Web of Science Indexed, UGC Carelist-II Journal. ISSN: 2320-3358.
14. **Wahied Khawar Balwan** and Neelam Saba (2021). Alzheimer's Disease: A Neurodegenerative Menace of Elderly. *Scholars Academic Journal of Biosciences*, 9(5):120-122. ISSN: 2321-6883. Impact Factor 3.3.
15. Neelam Saba and **Wahied Khawar Balwan** (2021).Potential Threat of Emerging and Re-emerging Zoonotic Diseases. *Annals of the Romanian Society for Cell Biology*, 25(5): 29-36. ISSN: 1583-6258, Scopus Indexed.
16. **Wahied Khawar Balwan** and Neelam Saba (2021). Gnotobiotic Animal in Life Science Research.xllkogretim Online-Elementary Education Online, 1944-1946. Scopus Indexed.
17. **Wahied Khawar Balwan** and Sachdeep Kour (2021). Lifestyle Diseases: The Link between Modern Lifestyle and threat to public health. *Saudi Journal of Medical and Pharmaceutical Sciences*,7(4):1-6, ISSN:2413-4910.
18. Neelam Saba and **Wahied Khawar Balwan** (2021). Redescription of *Dalader acuticosta* (Coreidae: Coreinae: Daladerini): First Report from Jammu and Kashmir, India. *Journal of Entomology and Zoology Studies*, 9)2):1359-1360. ISSN: 2320-7078, Impact Factor- RJIF 5.48.
19. **Wahied Khawar Balwan** and Neelam Saba (2021). Elimination of Lymphatic Filariasis. *East African Scholars J. Parasitol Infect Dis.*, 3(2):31-36. ISSN 2663-6727.
20. **Wahied Khawar Balwan** and Neelam Saba (2021). Quantifying the risk of premature death in tuberculosis survivors. *The Journal of Oriental Research Madras*, Vol. XCII-II, ISSN:0032-3301. UGC Carelist-I Journal.
21. Neelam Saba and **Wahied Khawar Balwan** (2021). Stem Cell Research: Medical Applications, Ethical and Legal Controversies. *Saudi Journal of Biomedical Research*, 6(2): 43-48, ISSN:2518-3222.

22. **Wahied Khawar Balwan** and Neelam Saba (2021). Study of clinical aspect, genetic aspect, genetic counselling and prevention of Down's syndrome. *Indian Journal of Adult Education*, Vol. 82, No. 1(A), ISSN: 0019-5006, UGC care list Group-I Journal.
23. **Wahied Khawar Balwan**, Nazia Rasool and Neelam Saba (2021). Study of Characterization and quantification of municipal solid waste in Doda town of Jammu and Kashmir as a measure of effective management. *Solid State Technology*, 64(2), ISSN: 0038-111X. Scopus Indexed. <http://solidstatetechnology.us/index.php/JSST/article/view/8592>
24. **Wahied Khawar Balwan** and Neelam Saba (2020). Association of Social Determinants with Tuberculosis. *Journal of Natural Remedies*, Vol. 21, No. 7(S1), ISSN: 2320-3358. Scopus & WOS Indexed and UGC Carelist-II Journal. <https://jnronline.com/ojs/index.php/about/article/view/682>
25. **Wahied Khawar Balwan** and Neelam Saba (2020). Study of applications of Fluorescence In Situ Hybridization in Prenatal and Postnatal Diagnosis. *European Journal of Molecular & Clinical Medicine*, 7(11), ISSN 2515-8260. Scopus Indexed. [https://ejmcm.com/article\\_7847.html](https://ejmcm.com/article_7847.html)
26. **Wahied Khawar Balwan**, Neelam Saba, Nitesh Singh and Nazia Rasool (2020). Solid Waste Management: First Report on Garbage Problem In Doda Region Of Jammu And Kashmir, India. *International Journal of Engineering Applied Sciences and Technology (IJEAST)*, Vol. 5, Issue 7, ISSN No. 2455-2143, p157-173.
27. Nazia Rasool and **Wahied Khawar Balwan** (2020). Investigation and abatement of traffic based noise in Samba town of Jammu and Kashmir, India. *Bulletin of Pure and Applied Science*, Vol. 39A, No. 2, p396-402. ISSN: 0970-0965 (P), 2320-3188 (O), UGC Carelist Group II Journal.
28. **Wahied Khawar Balwan**, Wahied Khawar Balwan and Neelam Saba (2020). Counselling parents of mentally retarded persons. *Journal of Oriental Research*. Volume: XCI-XL, p37-43. ISSN 0022-3301, UGC Care List I Group Journal.
29. **Wahied Khawar Balwan**, Neelam Saba and Subhash Gupta (2020). Chromosome study in individuals with unassigned sex from Jammu region of Jammu and Kashmir, India. *Wesleyan Journal of Research*, Vol 13 No. 36 (October 2020), p52-61. ISSN 0975-1386, UGC Care List I Group Journal, Impact factor 6.7.
30. **Wahied Khawar Balwan** and Neelam Saba (2020). A study on Epidemiological Factors in Down's syndrome from Jammu and Kashmir, India. *Wesleyan Journal of Research*, 13(24) (September 2020), p16-25. ISSN 0975-1386, UGC Care List I Group Journal, Impact Factor 6.7.
31. **Wahied Khawar Balwan**, Neelam Saba and Anita Kumari (2020). A short review on understanding of a global problem Autism. *International Journal of Science, Environment and Technology (IJSET)*, Vol. 9, No 5, 2020, 735 – 740, ISSN 2278-3687 (O), 2277-663X (P).
32. Wahied Khawar Balwan, **Wahied Khawar Balwan** and Neelam Saba (2020). Frequency of Typhoid Fever in Healthy People of Doda Region of Jammu and Kashmir, India: First Report from Area. *International Journal of Biological Innovations*, 2(2):83-87. ISSN-2582-1032.
33. Nazia Rasool and **Wahied Khawar Balwan** (2020). Municipal solid waste characterization and quantification as a measure of effective management: First case study from the area. *International Journal of Research in Applied, Natural and Social Sciences*, 8(7):1-6. pISSN-2347-4580, eISSN-2321-8851.
34. **Wahied Khawar Balwan** and Neelam Saba (2020). Prenatal Diagnosis in service of mankind. A Review. *International Journal of Science and Research*, 9(7):631-634. ISSN-2319-7069.
35. **Wahied Khawar Balwan**, Wahied Khawar Balwan, Neelam Saba and K S Jamwal (2020). Cytogenetic Investigation of Cases with Primary Amenorrhea in Jammu Region of Jammu

- And Kashmir. *International Journal of Zoology and Research (IJZR)*, 10(2): 1-8. pISSN- 2278-8816, eISSN-2278-8824, Impact Factor 5.0057.
36. **Wahied Khawar Balwan** and Neelam Saba (2020).Decline of House Sparrow and common Myna populations in Doda region of Jammu and Kashmir, India.*International Journal of Biological Innovations*, 2(1):20-24. ISSN-2582-1032
  37. Javed Iqbal Trambo and **Wahied Khawar Balwan (2019)**.A systematic Review of Economic Growth and Persistence of Child Labour in India. *Journal of Critical Reviews*, 06(01):71-76. ISSN-2394-5125.
  38. **Wahied Khawar Balwan** and Neelam Saba (2018). Chromosome study in suspected cases of Turner's syndrome from Jammu region of Jammu & Kashmir. *Journal of Advanced Zoology* , 39(1): 32-36. ISSN-0253-7214. UGC Carelist Group II Journal.
  39. **Wahied Khawar Balwan**, Neelam Saba and Subhash Gupta(2017). Trisomy 13: Patau's Syndrome (A Case Report from Jammu Region of Jammu & Kashmir). *Bulletin of Pure and Applied Sciences, Zoology 36A (2):71-75. pISSN-0970-0765, eISSN-2320-3188. UGC Carelist Group II Journal.*

### **BOOKS PUBLISHED**

1. Public Health and Hygiene, Malhotra Publications, Jammu, ISBN:978-81-9402-2268.
2. Genetics, Virgo Publishers, New Delhi, ISBN: 978-81-93073-60-5.
3. Applied Zoology, Malhotra Publications, Jammu, ISBN:9-788194-022268
4. Cytogenetics, Random Publication, New Delhi, India, ISBN:978-93-5269-588-1
5. Physiology and Biochemistry, Malhotra Publications, Jammu, ISBN:978-81-94022-28-2.
6. Animal Genetics and Genomics, Random Publication, New Delhi, India, ISBN: 978-93-52697-03-8.
7. Comparative Anatomy and Developmental Biology, Malhotra Publications, Jammu, ISBN:9788194521419
8. Sericulture, Malhotra Publications, Jammu, ISBN:978-81-94022-28-3.
9. The DBS Handbook of Covid-19, DBS Imprints, New Delhi, ISBN: 978-93-86648-81-5.
10. Animal Diversity, Malhotra Publications, Jammu, ISBN: 978-89-3855-7489.
11. Insect Vectors and Diseases, Malhotra Publications, Jammu, ISBN:9788193681770
12. Apiculture – Skill Enhancement Course, Malhotra Publications, Jammu, ISBN : 818829471-3

## **Conferences/Seminars/symposia/workshops/FDPs attended**

1. Attended online two week Refresher course in Zoology from 25<sup>th</sup> April 2022 to 9<sup>th</sup> May 2022 with Grade A organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Miranda House University of Delhi under the aegis of Ministry of Education, PanditMaidan Mohan Malaviya National Mission on Teachers and Teaching.
2. Attended Faculty Development Program on Building Academic Leaders for 21<sup>st</sup> Century Higher Education from 14<sup>th</sup> April 2022 to 20<sup>th</sup> April 2022 organised by Guru Angad Dev Teaching Learning Centre of Ministry of Education, Govt. of India.
3. Participated in Faculty Development Program on Organic Farming Technology from 2<sup>nd</sup> March 2022 to 7<sup>th</sup> March 2022 organised by UGC-HRDC, Jai NarainVyas University, Jodhpur, Rajasthan.
4. Attended online two week Refresher course in Life Sciences from 01-15 September 2021 with Grade A<sup>+</sup> organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Miranda House University of Delhi under the aegis of Ministry of Education, PanditMaidan Mohan Malaviya National Mission on Teachers and Teaching.
5. Attended Professional Developmental Course (online) from 21-November-2020 to 05-December-2020 on 'Refresher Course-Zoology' organized by Edwin Online School of Learning, Registered with MSME, MHRD New Delhi India.
6. Attended e-refresher course on 21<sup>st</sup> century: The Era of Biotechnology-To innovate by Advanced Biotechnology Learning from 3<sup>rd</sup> September to 28<sup>th</sup> October 2020 organised by Department of Biotechnology, AKS University Satna, Madhya Pradesh.
7. Attended Professional Developmental Course (online) from 11-12-2019 to 25-12-2019 on 'Refresher Course-Zoology' organized by Edwin Online School of Learning associated with Edwin Incorporation India.
8. Participated in the ID Three weeks Refresher Course in Environmental Sciences from 27-11-2017 to 18-12-2017 at UGC Human Resource Development Centre, University of Jammu and obtained grade 'A'.
9. Attended National Workshop on Research Methodology held from 15<sup>th</sup> – 30<sup>th</sup> June 2021 Organised by School of Business Studies in collaboration with Faculty Induction Development (FIDC), Central University of Jammu, Jammu & Kashmir, India.
10. Participated in One Week Online workshop on 'Leveraging Education for Harnessing Entrepreneurship, Research and Innovation' from September 7 to 12, 2020 organized by Higher Education Department, J and K in collaboration with GIAN India.
11. Participated in one week Faculty Development Programme on 'Research Article writing and online academic presentation' from 17<sup>th</sup> to 23<sup>rd</sup> August 2020 organised by Department of Zoology & Biotechnology and IQAC of NAAC 'A' Graded Govt. Girls' PG College Ujjain, MP.
12. Participated in Two Week Online workshop on 'Comprehensive e-Learning to e-Training guide for Administrative Work' from May 25 to June 5<sup>th</sup> 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi and MHRD Govt. of India.
13. Participated in five days Online Certificate Course on 'Research Methodology' organised by International Benevolent Research Foundation, West Bengal, India from 26<sup>th</sup> to 30<sup>th</sup> April 2020.
14. Participated in four days workshop on 'Hematological techniques' at Adarsh Institute of Management and Science, Dhamnood, Dhar, MP organised by AIMS and Zoological Society of India, Bodh Gaya from 17-20 January 2020.
15. Participated in Three Days National Workshop on "Research methodology" at Govt. College for Women, Parade, Jammu - an Autonomous College organized by Govt. College

for Women Parade, Jammu and University Grant Commission from January 30<sup>th</sup> to February 1<sup>st</sup>, 2018.

16. Participated in One week workshop on “Practical Skill Enhancement in Zoology” organized by Department of Zoology, University of Jammu from January 9<sup>th</sup> to 17<sup>th</sup>, 2018 at University of Jammu.
17. Participated in One day Workshop on “Online Procurement through Government e-Marketplace (GeM)” at G.G.M. Science College Jammu, J & K organized by Internal Quality Assurance Cell (IQAC), G.G.M. Science College, Jammu on December 20, 2017.

## **Invited Lectures Delivered as Resource Person/Plenary speaker**

1. Delivered a Lecture as Plenary Speaker in International Webinar on Ways to save Planet Earth organised by International Academy of Science & Research (IASR) Kolkata, West Bengal, Govt. Degree College Doda, J and K and Scientific and Environmental Research Institute (SERI), Kolkata West Bengal on 23<sup>rd</sup> April 2022.
2. Delivered an Invited Lecture as a resource Person on ‘Karyotypy and its significance in Diagnosis of chromosomal disorders’ during National Webinar organised by RKDF University, MP on 5<sup>th</sup> March 2022.
3. Delivered a Lecture as Plenary Speaker in 7<sup>th</sup> International Conference on environment and Ecology organised by International Foundation for Ecology and environment, Kolkota, Department of EVS, Bharathiar University Coimbatore Tamil Nadu and Dept of Botany Govt Kamla Raja Girls PG Autonomous College Gwalior, MP on 27<sup>th</sup> November 2021.
4. Delivered an Invited lecture in 3-days International Web Conference on Covid-19 Second wave: Challenges for sustainable development (CCSD 2021) on 14<sup>th</sup> September 2021 organised by Asian Biological Research Foundation, Prayagraj, UP, India, SamratPrithviraj Chauhan Govt. College, Ajmer Rajasthan, Govt KRG PG Autonomous College Gwalior, MP and Glocal Environment and Social Association, New Delhi held on 13, 14 and 15<sup>th</sup> September 2021.
5. Delivered a Lecture as Plenary Speaker in International Multidisciplinary Webinar on Impact of Covid-19 on Higher Education System on 8<sup>th</sup> August 2021 organised by IBRF, Kolkota West Bengal, Govt. Kamala Raja Girls PG Autonomous College Gwalior, Madhya Pradesh and Confederation of Indian Universities (CIU), New Delhi.
6. Delivered an Invited lecture in International Web Conference on Covid-19 Second wave: Challenges for sustainable development (CCSD 2021) on 14<sup>th</sup> September 2021 organised by by Asian Biological Research Foundation, Prayagraj, UP, India, SamratPrithviraj Chauhan Govt. College, Ajmer Rajasthan, Govt KRG PG Autonomous College Gwalior, MP and Glocal Environment and Social Association, New Delhi.
7. Delivered a Lecture as Plenary Speaker in International Webinar on Ecology, Restoration and Management on 14<sup>th</sup> June 2021 2021 organised by IBRF, Kolkota West Bengal, BarrackporeRastraguruSurendranath College, West Bengal, CIU, New Delhi and SERI, Kolkota, West Bengal.
8. Delivered a Lecture as Plenary Speaker in International Interdisciplinary Conference on Covid 19: Challenges and Impacts on Health, Environment, Livelihood and Education on 28<sup>th</sup> May 2021 organised by IBRF, Kolkota West Bengal, Govt. PG College Bhaiderwah, J and K, CIU, New Delhi and SERI, Kolkota, West Bengal.
9. Delivered a Lecture as Guest Speaker in National Seminar on Corona Virus and its Vaccine Treatment on 2<sup>nd</sup> May 2021 organised by Department of Biotechnology & Microbiology, Kalp Laboratories, Mathura
10. Delivered a Lecture as Plenary Speaker in International Conference on ‘New Challenges and dimensions on Ecology and environment’ on 3<sup>rd</sup> April 2021 organised by International

Academy of science and Research, Kolkota West Bengal, SERI, Kolkota, GDC Doda and Indian Institute of Ecology and Environment, New Delhi.

11. Delivered a Lecture as Invited Speaker in National Webinar on Ethological Adaptations in Fauna owing to stress as a result of human activities on 9<sup>th</sup> April 2021 organised by Department of Zoology, Dayanand Girls PG College, Kanpur.
12. Delivered a Lecture as Resource Person in National Webinar on Marine Biodiversity and Aquaculture on 8<sup>th</sup> April 2021 organised by Department of Zoology, Dr. Babasaheb Ambedkar College of Arts, Science and Commerce, MahadRaigad.
13. Delivered a lecture as Plenary Speaker on 'Fish Integrated Farming System' on 21 January 2021 during International Conference on recent Advances in Freshwater Aquaculture (RAFA 2021) organised by Department of Zoology, SunderraoSolankeMahavidyalayaMajalgaon and Nepal Aquaculture Society.
14. Delivered a lecture as Resource Person during 3 days International Web Conference on Safe water, sanitation and hygiene on 10<sup>th</sup> November 2020 organised by Glocal Environment Social Association (GESA), New Delhi.
15. Delivered a lecture as Invited Speaker on 'Impact of Covid 19 Pandemic on World Environment' in Global Web Conference organized by Glocal Environment Social Association (GESA), New Delhi, Govt. PG College Saidabad, Prayagraj, UP on 6<sup>th</sup> June 2020.
16. Delivered a lecture as Invited Speaker in 1<sup>st</sup> International Conference on Environment and Society at Harcourt Butler University, Kanpur organized by Glocal Environment Social Association (GESA), New Delhi, ABRF, Prayagraj & HBTU Kanpur in December 2019.
17. Delivered a lecture as Invited Speaker in International seminar on Recent trends and Experimental approaches in Science, Technology, Agriculture and Management at FDD Institute, Amethi, UP in October 2019.
18. Delivered an Invited Lecture in Global Conference on Our Biodiversity, Our Food and Our Health at Botanical Survey of India, Prayagraj in May 2019.
19. Delivered a Lecture in International Conference on Advances in Zoological Research (ICAZR) and Workshop on Real Time PCR during March 9-10, 2019 organized by Department of Zoology, Aligarh Muslim University, UP, India.
20. Delivered an Invited Lecture during two days International seminar on Recent trends and Experimental approaches in Science, technology, Nature and Management at FDD Institute, Jodhpur, Rajasthan organized by society of Science and Nature, Lucknow in 2018.
21. Delivered a Lecture as Resource Person in one Week Interdisciplinary State Level Workshop on "Relevance of Information Technology in Teaching Learning Process" from 20<sup>th</sup> to 26<sup>th</sup> March 2018 at Srinagar, Kashmir organized by Islamia College of Science and Commerce, Srinagar Kashmir UGC Autonomous College NAAC Accredited A Grade College.
22. Delivered an Invited lecture during International Symposium on Indiscriminate Development: Current Scenario and Socio-environmental challenges (IDCSC-2018) from 18<sup>TH</sup> to 19<sup>TH</sup> March 2018 organized by Blue Planet Society Allahabad UP, Botanical Survey of India, CRC, Allahabad and Govt. PG College, Saidabad Allahabad, UP.
23. Delivered lecture on " Population Decline of Karez Frog at Bhaderwah region of J and K and its chromosome studies" in International Conference on Science, Technology and Social Humanities (ICSTSH-2018) from 26<sup>TH</sup> to 28<sup>TH</sup> February 2018 organized by Department of Zoology, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra in collaboration with Society of Life sciences, Satna, MP.
24. Delivered a Lecture on Climate Change and decline of Karez Frog in an "International Conference on "Ecosystem Responses to Global Environmental Changes and their Impact" (ERGECI) being organized by the P.G. Department of Zoology, AIMS, Dhamnood

&School of Life Sciences Devi Ahilya Vishwavidyalaya Indore (India) in collaboration with Zoological Society of India, February 16-18, 2017.

## **AWARDS/MEDALS**

1. Awarded '**Asia Pacific Eminent Zoologist Award 2022**' by Ratna Prasad Multidisciplinary Research & Educational Society Rgd with Govt. Of India NITI Aayog, Govt. of AP, India on National Science Day 2022.
2. Awarded '**National Academic Excellence Award 2022**' on occasion of National Science Day 2022 by International Institute of Organised Research Registered MSME with Ministry of MSME Govt. Of India.
3. Awarded '**Netaji Subhash Chandra Bose Excellence Award 2022**' in the category of Education Excellence on 23<sup>rd</sup> January 2022 by World Achievers Foundation, Kolkota, West Bengal, India.
4. Awarded '**Environment Excellence Award**' on 26<sup>th</sup> November 2021 by International Foundation for Ecology and environment, Kolkota.
5. Awarded '**Fellow of Global Academic Society (FGAS)**' on 5<sup>th</sup> October 2021 by Global Academic Society, Lucknow, UP India.
6. Awarded '**Indo Asian Eminent Teacher Award 2021**' by International Multidisciplinary Research Foundation, IMRF Institute of Higher Education and Research, Registered with Govt. Of India, NITI Ayog on 5<sup>th</sup> October 2021.
7. Awarded '**ESDA Academics Excellence Award 2021**' by Environment and Social Development Association (ESDA) Delhi during World Environment Summit 2021 on 3<sup>rd</sup> October 2021 at India International Centre, Lodhi Road New Delhi, India.
8. Awarded '**Certificate for outstanding contribution in the field of Research and Publication in Zoology**' on the occasion of Azadi Ka Amrit Mahotsav, 75 years of India's Independence, by Hon'ble Minister Rameshwar Teli, Minister of State, petroleum, Natural Gas, Labour and Employment, Government of India on 17<sup>th</sup> September 2021.
9. Awarded '**ABRF Excellence Award for Zoological Research**' during International Web conference CCSD 2021 on 15<sup>th</sup> September 2021 organised by Asian Biological Research Foundation, Prayagraj, UP, India, SamratPrithviraj Chauhan Govt. College, Ajmer Rajasthan, Govt KRG PG Autonomous College Gwalior, MP and Glocal Environment and Social Association, New Delhi.
10. Awarded '**IBRF Higher Education and Development Award-2021**' by International Benevolent Research Foundation, Kolkota on 5<sup>th</sup> September 2021.
11. Awarded '**Indo Asian Distinguished Scientist Award 2021**' by International Multidisciplinary Research Foundation, IMRF Institute of Higher Education and Research, Registered with Govt. Of India, NITI Ayog on 15<sup>th</sup> July 2021.
12. Awarded '**Global Teacher Award 2021**' during Global Edu-Conclave 2021 on 27<sup>th</sup> June 2021 organised by International Institute of Organised Research Registered MSME with Ministry of MSME GOI, Green ThinkerZ Society and Centre for Smart Modern Construction, Western Sydney University, Australia.
13. Awarded '**Dr. Sarvepalli Radhakrishnan Teaching Excellence Award**' by International Benevolent Research Foundation, Kolkota during National Multidisciplinary Research Conference on March 2021 at Govt. KRPG College, Gwalior, Madhya Pradesh.
14. Awarded '**Distinguished Assistant Professor Award**' by Lavender Literary Club, Kanyakumari, Tamil Nadu, India on 1<sup>st</sup> March 2021 for outstanding and exemplary contribution towards academic, education and research.



15. Awarded '**International Educator Award-2021**' by Internal Institute of Organized Research, Registered MSME with Ministry of Micro, Small and Medium Enterprises, Government of India on 20<sup>th</sup> February 2021.
16. Awarded '**SAS Eminent Fellow Membership (SEFM)**' by Scholars Academic and Scientific Society, Assam, India on 22<sup>nd</sup> February 2021.
17. Awarded "**Certificate of Recognition**" for high standards of excellence in Public Service in the field of Education by District Administration Doda, UT of Jammu and Kashmir on the eve of Republic Day 2021.
18. Awarded '**Eminent Zoologist Award**' by Asian Biological Research Foundation, Prayagraj, UP, India during International Web conference on Environment and Society on 28<sup>th</sup> December 2020. on 26<sup>th</sup> December 2020.
19. Awarded '**Best Faculty Award**' by Indian Academic Researchers Association, Tamil Nadu, India during Global Science Congress on 26<sup>th</sup> December 2020.
20. Awarded '**Senior Scientist Award**' by Glocal Environment & Social Association (GESA), New Delhi during International Web Conference on 9<sup>th</sup> November 2020.
21. Awarded '**Global Eminent Educator Award**' by Global Academic Society, Lucknow on 5<sup>th</sup> September 2020.
22. Awarded '**Fellow Award-2020 (FAETDS)**' by Agricultural and Environmental Technology Development Society, Lucknow on the occasion of International web conference during October 4-6 2020
23. Awarded "**Kalp-Life Time Achievement Award 2020**" by Department of Microbiology and Biotechnology, KALP Laboratories, Mathura and The Bouquet Society, Mathura during 3<sup>rd</sup> International e-Conference on 20 September 2020.
24. Awarded '**Best Biology Professor of the Year award**' by Asian Education Award on 05-09-2020 during AEA Conference 2020.
25. Awarded "**Researcher Excellence Award 2020**" by Institute of Scholars (InSc) Bangalore, Karnataka at College Level in June 2020.
26. Awarded "**Teacher of the Year Award-2020**" by Department of Microbiology and Biotechnology, KALP Laboratories, Mathura and The Bouquet Society, Mathura during 2<sup>nd</sup> International e-Conference on Emerging Innovation and Advancement in Biological Science, Human Welfare in Current Era (EIABSHWAR-2020) on 27 July 2020.
27. Awarded '**Honorary Doctor of Science**' (D.Sc.– Honoris Causa) in Zoology by Ballsbridge University, Republic of Dominica in 2020.
28. Awarded "**Teacher of the Year Award-2019**" by Agricultural Technology Development society (ATDS) during 3<sup>rd</sup> International Conference on Global Initiative in Agricultural and Applied Sciences for Ecofriendly Environment (GIASE-2019) at Tribhuvan University, Kathmandu, **Nepal on 16 June 2019**.
29. Awarded "**Best Teacher Award-2019**" by Institute of Scholars (InSc) Bangalore, Karnataka at College Level in November 2019.
30. Awarded '**Dr. Sarvepalli Radhakrishnan Education Promotion Award**' by Glocal environment & social Association during Global Conference on Our Biodiversity, Our Food and Our Health at BSI, Prayagraj, UP, India on 21<sup>st</sup> May 2019.
31. Awarded "**Excellence in Teaching Award**" by Society for Bioinformatics and Biological science (SBBS) during International Conference on Advances and Innovations in Biotechnology for Sustainable Development (AIBioSD) from 5<sup>th</sup> April 2019 organized by Department of Biotechnology Faculty of Life Science & Technology, AKS University, Satna (MP), Society of Life Sciences and SBBS.

32. Awarded "**Fellowship of Asian Biological Research Foundation, Prayagraj (FABRF)**" during international conference in Science, Technology, Agriculture and Management held at FDDI, Amethi, UP on 20<sup>th</sup> October 2019.
33. Awarded "**International Highest Published Book Award**" by International Science community Association, Indore, during 9<sup>th</sup> International Science Congress held at BIT, Durg Chhatisgarh on 8<sup>th</sup> December 2019.
34. Awarded "**Best Oral Presentation Award**" in **Biological Section** by International Science community Association, Indore, during 9<sup>th</sup> international Science Congress held at BIT, Durg Chhatisgarh on 8<sup>th</sup> December 2019.
35. Awarded "**Fellowship of Glocal Environment Social Association, New Delhi (FGESA)**" during 1<sup>st</sup> international conference on Environment and Society held at Harcourt Butler Technical University, Kanpur on 22<sup>nd</sup> December 2019.
36. Awarded "**Eminent Scientist Gold Medal**" by Society of Life Sciences, Satna, MP during three days Internal Conference on Science, Technology and Social Humanities organized by Department of Zoology, School of Life sciences, Dr. Bhimrao Ambedkar University Agra, UP in collaboration with Society of Life Sciences, Satna, MP on 26-02-2018.
37. Awarded Honorary "**D. Litt. Degree**" (Doctor of Letter) by University of South America in 2018.
38. Awarded "**Honorary Fellowship (FBPS) Award**" by Blue Planet Society, Allahabad during International Symposium on 18<sup>TH</sup> 2018 organized by Blue Planet Society Allahabad UP, Botanical Survey of India, CRC, Allahabad and Govt. PG College, Saidabad Allahabad, UP.
39. Presented "**Certificate of Recognition**" for high standards of excellence in Public Service in the field of Education by District Administration Doda, J & K Govt. on the eve of Independence Day 2018.
40. Awarded "**Scientist of the Year Award-2018**" by Society for Science and Nature, Lucknow at FDD Institute, Jodhpur, Rajasthan during two days International seminar on Recent trends and Experimental approaches in Science, Technology, Nature and Management.
41. Awarded "**Young Scientist of the Year Award-2018**" by International Foundation for Environment and Ecology at Christ College, Pune Maharashtra during 5th International seminar on Ecology and Environment held on 18-19-20 February 2019.
42. Awarded "**Teaching and Research Excellence Award-2017**" by Innovative Research Developers and Publishers (IRDP) Group of Journals, Chennai, India during one day National symposium on Educational Excellence and Award ceremony at Chennai on 14<sup>th</sup> October 2017.