

CURRICULUM VITAE



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Present place of Posting:

**GCW Gandhi Nagar
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Personal Information:

Residential Address - H.No. 163/1A South Extension
Trikuta Nagar, Jammu, J&K
180020, India
DOB - 05/04/1977
Marital Status - Married

Qualification:

Degree and University	Ph.D Zoology (Entomology) University of Jammu J&K, INDIA	M Phil Zoology (Entomology) University of Jammu J&K, INDIA	B Ed University of Jammu J&K, INDIA	M.Sc Zoology Specialization Entomology University of Jammu J&K, INDIA	B.Sc (Medical) University of Jammu J&K, INDIA
Year of Passing	2014	2002	2001	1999	1997
Percentage	-	'O' Grade	74.4 %	71.4 %	70.7 %

Research Paper Published	17
Research Paper Communicated	02
Seminars/Webinars Attended	25
Conferences Attended	20
Workshops Attended	19
Refresher/Orientation/FDP/ Training Courses Attended	28
Short Term Certificate Courses	04
Seminars / Conferences/Workshops Organized	12
Outreach and Citizen science Initiatives	36
Invited Lecture/Resource Person	15
Contribution to EDUSAT (J&K Hr Education)	03

Awards	03
Lifetime Memberships	01
PhD Registered (As Co-Supervisor)	01

Special Achievements-

Reported 31 New Butterfly Species from UT of J&K.

Reported 25 New Odonate Species from UT of J&K

Publications:

1. Neeraj Sharma, Dinesh Singh, **Shakha Sharma**, Ajaz Ansari 2023. A preliminary assessment of Odonata (dragonflies & damselflies) across an elevation gradient – insights from Shiwaliks to Alpines, northwestern Himalaya, India. *Journal of Threatened Taxa*, 15(07), 23545-23556. <https://doi.org/10.11609/jott.8203.15.7.23545-23556>
2. Rubeena Kouser, Ramneet Kaur, **Shakha Sharma**, Naila Zaffar and Rizwana Firdose 2022. Effect of abiotic factors on the population buildup of Mango leaf hoppers In India – A Review. *Ann. Entomol.*, 40(2): 75-89.
3. N.Sharma and **S.Sharma** 2021. On the occurrence of three new Lycaenid butterflies (Lepidoptera) from Jammu and Kashmir, India. *Revista Chilena de Entomologia* 47(2):331-335. <https://www.biotaxa.org/rce/article/view/68444>
4. N.Sharma and **S.Sharma** 2021. Assemblages and seasonal patterns in butterflies across different ecosystems in a sub-tropical zone of Jammu Shiwaliks, Jammu and Kashmir, India. *Tropical Ecology* 62(5). [10.1007/s42965-020-00139-w](https://doi.org/10.1007/s42965-020-00139-w)
5. **S.Sharma** and N.Sharma 2020. On the rediscovery and new additions of Skippers (Lepidoptera: Papilionoidea: Hesperidae) from Jammu and Kashmir, India. *Revista Chilena de Entomologia* 46(4):591-599. [10.35249/rche.46.4.20.05](https://doi.org/10.35249/rche.46.4.20.05)
6. **S.Sharma**, Rakesh Kumar Singh and Peter Smetacek 2019. Range extension of Common jay Butterfly *Graphium doson eleius* (Papilionidae) to Jammu, India. *J Bombay Nat. Hist. Soc.*, Vol 116. [10.17087/jbnhs/2019/v116/132657](https://doi.org/10.17087/jbnhs/2019/v116/132657)
7. **S.Sharma** and N.Sharma 2018. New nymphalid butterfly records from Jammu & Kashmir, India. *Journal of Threatened Taxa*, 10(11), 12602-12606. <https://doi.org/10.11609/jott.3874.10.11.12602-12606>
8. **S.Sharma** and N.Sharma 2018. New Lycaenid Butterfly records from Jammu and Kashmir, India. *Journal of Threatened Taxa* Vol.10 (7):11984-11987. <https://doi.org/10.11609/jott.4046.10.7.11984-11987>
9. N.Sharma and **S.Sharma** 2017. A recent record of Rooks *Corvus frugilegus* from the Jammu plains, north-western India. *Indian Birds* Vol.13 (2):51-52. https://www.researchgate.net/publication/322602833_A_recent_record_of_Rooks_Corvus_frugilegus_from_the_Jammu_plains_north-western_India
10. **S.Sharma** and N.Sharma 2017. New Butterfly records from the Jammu shiwaliks, Jammu and Kashmir, India. *Journal of Threatened Taxa* Vol.9(10):10856-10859. <https://doi.org/10.11609/jott.3180.9.10.10856-10859>
11. **S.Sharma** and N.Sharma 2017. Two new species of Butterflies from Jammu and neighborhood, Jammu and Kashmir, India. *Journal of Wildlife Research* Vol.5 (1):10-13. https://www.researchgate.net/publication/322602829_Two_New_Species_of_Butterflies_from

12. **S.Sharma** and J.S.Tara **2014**.Biology of Mango hopper *Idioscopus clypealis*(Leth.)in Jammu region of Jammu and Kashmir,India.**Indian Journal of Applied Research Volume:4(1):27-29.**
13. **S.Sharma** and J.S.Tara **2013**.Seasonal abundance and effect of abiotic factors on Mango leafhopper *Amritodus atkinsoni*(Leth.)population on wild and different cultivars of Mango in Jammu region. **Environment Conservation Journal 14(3)161-168.** [10.36953/ECJ.2013.14326](https://doi.org/10.36953/ECJ.2013.14326)
14. B.Sharma and **S.Sharma 2011**. Seasonal abundance of mango hopper, *Amritodus atkinsoni* Leth.(Jassidae:Homoptera) in different environmental conditions of Jammu region.**J.Env.Bio-Sci.,Vol.25(1):81-83.**
15. B.Sharma and **S.Sharma 2011**.Population behaviour of mango hopper,*Idioscopus clypealis* Leth.in different environmental conditions of Jammu region.**Res. on Crops 12(1):207-2010.**
16. **S.Sharma**, J.S.Tara and B.Sharma **2010**. Effect of abiotic factors on Mango hopper,*Idioscopus clypealis* Leth.population in different environmental conditions of Jammu region. **J.Env.Bio-Sci.,Vol.24(1):39-42.** <https://doi.org/10.36953/ECJ.2013.14326>
17. **S.Sharma** and B.Sharma **2009**. Mango hoppers species composition and their relative abundance in different environmental conditions of Jammu region **Crop Research. 38(1,2&3):104-108.**

Seminars/Webinar Attended (National/International):

1. Attended one day National Webinar on ‘Celebration of National Wildlife Week- 2023’ organised by the Department of Wildlife Sciences- Aligarh Muslim University, Aligarh, UP on October 7, 2023.
2. Attended one day Seminar on ‘Medical plants for Health and wellbeing’ organised by IQAC Government College for Women Udampur on July 31, 2023.
3. Attended one day Seminar on ‘Entrepreneurship and Innovation’ organised by Research and Development Cell in collaboration with Institution Innovation Cell Govt SPMR College of Commerce Jammu on 31st March 2023.
4. Three days National Webinar on ‘Wildlife Management in India: Current Perspective & Challenges’ organised by the Department of wildlife sciences, Aligarh Muslim University, UP from 4-6th October 2022.
5. One day International Webinar/Seminar on ‘Education for Sustainability’ organized by International Council for Education, Research and Training on June 25,2022.
6. One day national webinar on ‘Quality assurance, accreditation and assessment in Higher Education’ organized by Govind Guru Tribal University, Banswara, Rajasthan and S.D.Govt. College, Beawar, Rajasthan on June 08,2022.
7. One day webinar on ‘Recombinant DNA Technology’ organized by Department of Biotechnology and Microbiology, Bhilai Mahila Mahavidyalaya, Bhilai Chattisgarh in association with Microbiological society of India on 30th June 2022.
8. One day International Webinar on ‘Sustainable Development’ organized by Govt. Degree P G College Bhaderwah, J&K on 5th June 2022.
9. Attended one day Webinar on ‘Ethics in Research Publication:An Important Issue’ as part of the Research and development Lecture series organized by Department of research and publication, A2Z EduLearningHub LLP on 19th June 2022.
10. Three days National level online webinar on ‘Conservation of natural resources and sustainable development’ organized by Govt. Digvijay Auto. P G College Rajnandgaon (C.G.) from 3rd – 5th June, 2022.

11. One day National Webinar on ‘Environmental Protection and Indian legal System’ organized by Mahatama Gandhi National Council of Rural Education & NCC in association with IQAC Kirorimal Govt. Arts & Science College, Raigarh (C.G.) on 6th June 2022.
12. One day Webinar on ‘Challenges of Biodiversity conservation in India’ organized by Department of Wildlife Sciences, Aligarh Muslim University ,Aligarh U.P on 22nd May 2022.
13. Attended one day Webinar on ‘Artificial Intelligence in business models-Applications and Research Directions’ as part of the Research and development Lecture series organized by Department of research and publication, A2Z EduLearningHub LLP on 19th May 2022.
14. Attended one day Webinar on ‘Digital Image Processing:Techniques,Applications and Research Directions’ as part of the Research and development Lecture series organized by Department of research and publication, A2Z EduLearningHub LLP on 26th April 2022.
15. Attended one day Webinar on National Mathematics day organized by the Department of Mathematics L.S Raheja College of Arts and Commerce on 15th Dec 2021
16. One day Webinar on “Science and Economics of Sanitization” organized by Bharat Vikas Parishad, Sonapat on 21st July, 2020.
17. One day webinar on Global Research perspective to Pandemic Covid-19, organised by Alumni association of JNU, New Delhi on 13th June, 2020.
18. One day Webinar on ‘Plan your research effectively using scopus and science direct from Elsevier’ organized by the University of Jammu in collaboration with Elsevier on 29th May 2020.
19. One day International Webinar on ‘Natural habitat destruction and emerging Zoonoses-Strategic prevention and potential cure’ organized by the Department of Forestry and IQAC ,Sir Syed College ,Taliparamba,Kerala on 31st May 2020.
20. One day online Webinar on ‘The rise of E-Content Development’ Organized by IQAC and Department of Management Studies, Thakur College of Science and Commerce, Mumbai on 15th May 2020.
21. One day Webinar on ‘Importance of soft skills and Technology in Career Development’ organized by Department of Applied Science, RPS Group of Institutions, Haryana on 31st May 2020.
22. Butterfly diversity of Govt. Gandhi Memorial Science College Jammu. Two days national level seminar on ‘Science and technology for the unreached: Notions, Values and Applicability, organized by Govt. degree college, Samba, J&K. April 20-21, 2018.
23. Butterflies of Jammu region –A random survey. One day regional seminar on ‘Environmental implications in mountain ecosystem’. Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –May 2, 2014.
24. The pattern of nomenclature ,conservation and traditional uses of Mango. One day regional seminar on ‘Himalayan Biodiversity: Issues and Concerns’. Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –Sept 23, 2013.
25. Mango-Nutrition facts and health benefits. Regional Seminar on ‘Forests for Sustainable livelihood’. Institute of Mountain Environment, Bhaderwah Campus, University of Jammu – May 12, 2012.

Conferences Attended:

1. Poster presentation-‘Species Composition and varietal susceptibility of Mango leafhopper on different varieties of mango in Jammu region’ organized by the Department of Biotechnology, Ponnaiyah Ramajayam Institute of Science and Technology Deemed to be University ,Thanjavur on April 28, 2023.
2. Paper presentation-‘Biology of mango hopper *Amritodus atkinsoni* in Jammu ,J&K.’ in two days international conference on ‘Science for survival: To explore the unexplored

dimensions' organized by Internal Quality Assurance Cell(IQAC) and Department of Botany GCW Udhampur on February 10-11, 2023.

3. Three days international conference on Research Innovation and Challenges organised by Centre for research & Training and NFED Coimbatore, Tamil Nadu, India from 19-21 January 2023.
4. Paper presentation –'Nymphalid Butterfly Diversity of GGM Science College Jammu'in 5th International Conference on Contemporary trends in Multi-Disciplinary research: Sustainability,Challenges and Strategies' organized by RIMT University ,Mandi Govindgarh, Punjab on 01st December 2022.
5. Paper presentation-'Larval host plants of some of the common butterflies of Jammu urban' in Two days National Conference on 'Ethnobiology: Present and Future Perspectives' organized by Govt. Degree College Billawar from 25-26th November 2022.
6. Paper presentation-'Pre and Post Lockdown effect on butterfly Richness and Diversity of Urban Landscapes of Jammu Region'in Two days National Conference on 'Air Quality and Human health: Consequences and Remedies(AQHH-2022) organized by Khalsa College Amritsar from 4-5th November 2022.
7. One day international web conference on Gandhian Philosophy organized by Govt. Degree college Ramgarh J&K on October 3,2022.
8. Attended and Presented Paper entitled 'Pre and Post lockdown effect on butterfly richness and diversity of GGM Science College Jammu, J&K'in two days Multidisciplinary International web conference on 'Current trends and challenges in Education Research and Social sciences' from May 21-22,22.
9. Attended one day Online multidisciplinary National Conference on Indian Nationalism organized by Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad on 30th May 2022.
10. Attended one day International E- Conference on 'Biological Diversity' organized by Research and Development Cell under the aegis of IQAC, Govt.PG College Rajouri on 22nd May 2022.
11. Attended one day International Virtual conference on 'Textile Heritage of India' organized by the Department of History UCSSH, Mohanlal Sukhandia University Udaipur in collaboration with center for civilizational studies & Indus International Research Foundation on 3rd & 4th Dec 2021.
12. Presented paper on 'Butterfly Diversity of Jammu Urban' in Three days International Conference on Global challenges Innovation and Sustainability of Mankind "Unraveling the mind,s eye" organized by Govt. Degree College Udhampur in collaboration with Indian Science Congress Association (ISCA). Oct 31-Nov 2 , 2019.
13. Role of ICT in improving teaching learning process.Two days national conference on 'Mathematical sciences and its applications' organized by Gov. Gandhi Memorial Science College,Jammu.Jan 19-20,2018.
14. Status,diversity and distribution of Butterflies in Bhaderwah,J&K. Two days national conference on 'Change in cryosphere its impact on ecosystem services and rural livelihood:Climate change,agriculture and sustainable development in the Himalayan region held at Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –Nov 21-22, 2016.
15. Butterfly garden –An attractive tourist destination in Jammu. 37th Indian Geography Congress on on 'Tourism,Resources,Environment and development using GIS and Remote sensing technique organized by the Dept. of Geography ,University of Jammu.Dec 2-4,2015.
16. Participated in 10th JK Science Congress held at University of Jammu,Jammu.March 14-16,2015
17. Effect of abiotic factors on Mango leaf hopper *Amritodus atkinsoni* Leth.population on wild and different cultivars of Mango in Jammu region.Two day's international conference on' Change in cryosphere its impact on ecosystem services and rural livelihood:Understanding

local adaptation in the Himalayan region' held at Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –Oct 13-14,2014.

18. Participated in 101st Indian Science Congress.University of Jammu.Feb 3-7,2014.
19. Varietal susceptibility to Mango hoppers in Jammu region.Two days National conference on 'Environmental Issues and Challenges-the Himalayan perspective'. Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –Oct 4-5,2012.
20. Biodynamics of Mango leaf hoppers on different cultivars of Mango in Jammu region.7th JK Science Congress,Univ of Jammu-Oct 13-15, 2011.

Workshops Attended:

1. Attended one days national workshop in professional development on Digital Creativity Skills as a part of Adobe Academic Essentials Program on 15th March 2023.
2. Two days National workshop on 'Innovative practices for data documentation of AQAR and SSR under revised Assessment and Accreditation Framework'organised by Rajapalayam Raju's College, Tamil Nadu from 14-15th December 2022.
3. Three days NAAC sponsored Online workshop on 'a2z of NAAC accreditation process ' organized by Inderprastha Engineering College, Ghaziabad from 23-25th June 2022.
4. One Week National level Workshop on New NAAC Accreditations Frame work & Awareness (special reference to seven Criteria) organized by IQAC ,Government Digvijay Autonomous P.G College,Rajnandgaon (C.G.) in collaboration with Arts and Science College Nachangaon, Pulgaon (M.S.) from 7-15th June 2022.
5. Attended three days awareness programme on 'Blood Donation' organized by Bell Institute of Hotel Management & Catering Technology from 11th -13th June 2022
6. Attended Two days Workshop on 'Academic Writing and Publication Skills' Organized by Bharat Digital Academy and SEMWS Aligarh from 30-31st May 2022.
7. Attended Two days International Virtual Workshop on 'ICT Tools for Effective Teaching and Learning' Organized by the Community Institute of Commerce and Management Studies Jayanagar Bangalore on 2nd and 3rd March 2022.
8. One day workshop on "Organizing webinar ,live streaming and use of Google forms for registration and certifications" organized by Government Degree College Pulwama in collaboration with Government Degree college Beerwah on 22nd August,2020.
9. Five days National workshop on E-content Development and Online teaching Organized by Sahu Ram Swaroop Mahila Mahavidyalaya Barilly, UP India from Aug 04-08-2020.
10. Two days training workshop on 'Drug deaddiction and HIV/AIDS'Organized by J&K State AIDS Control Society at Psychiatric Diseases Hospital, Resham Garh,Jammu .28-29 March 2019.
11. Presented Paper entitled 'New Butterfly Records from Govt. Gandhi Memorial Science College Jammu' in One day workshop on International Mountain Day organized by Institute of Mountain Environment, Bhaderwah Campus, University of Jammu,Jammu.Dec 11, 2018.
12. Poster Presentation on Butterflies and Birds of J&K.One days workshop on 'How to be a Birding buddy: a workshop for bird educators' held at Natural history museum,University of Jammu,Jammu. Feb 17,2018.
13. One week workshop on Practical skill enhancement in Zoology organized by the Department of Zoology, University of Jammu from Jan 9-16,2018.
14. Interactions among Birds and Insects. Two days national workshop held at Bhaderwah Campus, University of Jammu. Sep 19-20,2015.
15. Butterfly host plants and its cultivation. National workshop on Sustainable management of medicinal plant and NTFPS organized by Forest Research Institute at Dehradun,Uttarakhand.Nov 26-27,2014

16. Mango hoppers-Major pest of Mango in Jammu. One day Workshop on 'Earth won't wait long'. Institute of Mountain Environment, Bhaderwah Campus, University of Jammu –April 26, 2012.
17. Five days Faculty Development Programme for Teachers (PGT Biology) held in Army School Damana from 25-29 June 2007.
18. Five days Training Programme for Biology Teachers held in Army School Kaluchak from 26-30 June 2006.
19. Two days Teachers Training Workshop on Solid Waste Management at Centre for Environment Education and Training (CEET), Jammu University on May 30-31, 2003.

Refresher/Orientation/FDP/ Certificate/Training Courses Attended:

1. Attended one day's IP Awareness /Training program under National Intellectual Property Awareness Mission organized by Government of India on April 10, 2023.
2. Two weeks Refresher Course in Life Sciences from March 17- April 1, 2023 organized by Teaching Learning Centre ,Ramanujan College and Department of Chemistry Miranda House, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Education.
3. Two weeks International FDP on Research Methodology organized by Research and Development Cell, Govt. PG College Rajouri, J&K in collaboration with Africana post Graduate Academy, Tshwane University of Technology, Pretoria, South Africa & University Johannesburg, South Africa from 28th Dec to 8th Jan 2023.
4. FDP on 'Digital creativity skills' organised by All India council for Technical education- Adobe and School of Business studies and FIDC, Central Univ of Jammu on 14th Nov, 2022.
5. Five days FDP on 'Recent trends in cyber security & Blockchain Technology' organized by Department of Computer Science & Engineering and Department of Information Technology, Oriental institute of Science & Technology, Bhopal from 28 June to 2nd July 2022.
6. International short term training programme on 'Confluence of Sustainable Development Goals (SDGs) for Environmental Conservation' organised by Raj Rishi Govt. autonomous College from 24-30th June 2022.
7. Seven days Online National FDP on 'Empowering people & Ethics' organized by Department of Management , Yuvakshetra Institute of Management Studies, Kerala from 13-20th June 2022.
8. Three days Short Term training Program (STTP) on 'Research Paper and Project Proposal Writing' organised by Department of Electronics and Communication, Oriental Institute of Science and Technology ,Bhopal from 22-24th June 2022.
9. Three days FDP on 'Art of writing research article and indexing & publication' organised by Ashoka women's Engineering College, Kurnool from 9-11th June 2022.
10. One week Online FDP on 'Neuro Linguistic program as a tool in class room for teachers to enhance the communication, learning skills and personality development' organized by GDC Doda from 24-30th May, 2022.
11. Two weeks Refresher Course in Zoology from April 25- May 9, 2022 organized by Teaching Learning Centre ,Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and teaching.
12. One Week Short Term training Program (STTP) on 'Emerging Trends in Pervasive Electronics Industrial Internet of Things' organised by Department of electronics and Telecommunication Engineering GHRIET, Nagpur held from 21st to 25th Feb 2022.
13. One week FDP on 'Research in Social sciences: Contemporary Trends, Perspective and Pedagogy' organized by Galgotia University U.P from 7th to 13th Feb 2022.

14. Five days online FDP on teaching learning and Research pedagogy for excellence in Education organized by IQAC of St. Joseph's College from 20-24 September,2021.
15. Two weeks Refresher Course/FDP in Life Sciences from 01-15 September, 2021 organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Miranda House, University of Delhi under the aegis of Ministry of Education.
16. Four weeks Induction/Orientation program organized by Teaching learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of HRD Pandit Madan Mohan Malvaiya National Mission on Teachers and teaching in collaboration with Khalsa College Amritsar from 19 July- 17 August,2021
17. Two weeks Interdisciplinary refresher Course/FDP on 'Advanced Research Methodology 2.0' from June17- July 1,2021 organized by Teaching Learning Centre ,Ramanujan College, University of Delhi under the aegis of Ministry of Education.
18. Two weeks Refresher Course in Environmental Sciences Organized by University of Jammu from 18 Dec-31 December, 2020.
19. Two weeks FDP on Advanced concepts for developing MOOCS from July 2-July 17,2020 organized by Teaching Learning Centre ,Ramanujan College, University of Delhi.
20. Four weeks Induction/Orientation programme organized by Teaching learning centre Ramanujan College ,University of Delhi under the aegis of Ministry of HRD Pandit Madan Mohan Malvaiya National Mission on Teachers and teaching from 26 June- 24 July,2020.
21. One week training cum Workshop on NAAC Quality aspects organized by Government Degree College Bhaderwah from 13 July- 20 July 2020.
22. 45 days online Training course on Butterflies for beginners conducted by 'I Nature Watch foundation' from 15th May to 30th June, 2020.
23. One week FDP on research in english language teaching organised by Department of English ,Gitam School of humanities and social sciences,Hyderabad from 15-22 June 2020.
24. Two weeks Faculty development programme on 'E-teaching and learning' organized by Govt. Degree College Bhaderwah from 1st June 2020 to 15th June 2020.
25. One week virtual faculty development programme on 'E-learning tools for MOOC and creation of own MOOC courses' organized by BSVS educational learning centre,Nagpur held during 11th June to 16th June 2020.
26. One week Faculty Development Programme on 'Recent Advances in Science and technology'Organized by RPS group of Institutions ,Haryana from 21-27 May 2020.
27. Three weeks Induction/Training programme at Govt. College of education, Jammu w.e.f. 21/04/2017-13/05/2017.
28. Basic Certificate course in Butterfly Identification, Taxonomy and Curation at the Butterfly Research Centre, Bhimtal, Uttarakhand, India held from Oct 15-18,2015.

Short Term Certificate Courses:

1. Eight week FDP/Certificate Course on 'Ecology and Environment' by Swayam (NPTEL) from Aug-Oct 2023.
2. Twelve week FDP/Certificate Course on 'Basic Course in Ornithology' by Swayam (NPTEL) from Jan-April 2023.
3. Twelve-week FDP/Certificate Course on 'Animal Physiology' by Swayam (NPTEL) from July-Oct 2021.
4. Twelve week FDP/Certificate Course on 'Wildlife Ecology' by Swayam (NPTEL) from Sep-Dec 2020.

Workshops/Conferences Organised:

1. Organised one day workshop on 'Har Ghar Dhyam' under Psychological counselling cell and NSS Unit II of GGM Science College Jammu on 06th June 2023.

2. Organised one day Seminar cum Discussion Session on ‘Womb to Tomb’ on the eve of International Women’s Day under Psychological counselling cell GGM Science College Jammu on 08th March 2023.
3. Organised one day Seminar cum Workshop on Mental health under Psychological counselling cell GGM Science College Jammu on 17th Jan 2023.
4. Organized one day Webinar on Cyber Crime under Cyber Jagrookta Diwas in the Department of Zoology GGM Science College Jammu on 4th April 2022.
5. Organized One day Discussion cum Counselling Session on the eve of International Women’s Day under Psychological Counselling Cell in collaboration with the Department of Zoology at GGM Science College on 8th March 2022.
6. Organized one day Webinar on the eve of World Wildlife Day in the Department of Zoology GGM Science College Jammu on 3rd March 2022.
7. Organized One day Webinar on ‘Psychological support for Mental health & well being of students during the COVID outbreak and beyond’ under Psychological Counseling Cell at GGM Science College Jammu on 10th Oct 2021.
8. Organized One day Webinar on ‘Stress Management-Sort it out before it gets toxic’ under Psychological Counseling Cell at GGM Science College Jammu on 9th Oct 2021.
9. Organizing Committee Member in Three days Webinar cum Workshop Series on Managing stress organized by Psychological Counselling Cell of GGM Science College, Jammu. July 20-22, 2021.
10. Organizing Committee Member in Three days ‘2nd Session of J&K Science Teachers Congress’ held at Gov. Gandhi Memorial Science College, Jammu, Jammu. March 25-27, 2019.
11. Organizing Committee Member in Two days 5th Annual National Conference in Mathematics on Recent Developments in Algebra and Analysis held at Gov. Gandhi Memorial Science College, Jammu, Dec 13-14, 2018.
12. Organizing Committee Member in Two days national conference on ‘Mathematical sciences and its applications’ organized by Gov. Gandhi Memorial Science College, Jammu. Jan 19-20, 2018.

Outreach and Citizen science Initiatives taken for School, Colleges and Society in General:

1. Online Photography competition on the topic Butterflies-The living Jewels on 15th Sep, 2023 under BBMI-2023.
2. Online Painting competition on the topic Butterflies-The living Jewels on 15th Sep, 2023 under BBMI-2023.
3. Online Rangoli competition on the topic Butterflies-The living Jewels on 15th Sep, 2023 under BBMI-2023.
4. Organised One day Butterfly Seminar and Butterfly walk for sem 3 students of Department of Zoology, GGM Science College Jammu on 27th Sep, 2023.
5. Organised one day Seminar and Butterfly Walk for sem 1 students of Cluster University of Jammu on 26th Sep, 2023.
6. Organised one day Butterfly walk at Environmental Park Raika Jammu on 23rd Sep, 2023.
7. Organised one day Butterfly walk for the students of Cluster University Jammu on 08th Sep, 2023.
8. Organised one day Butterfly walk for the students of GGM Science College Jammu on 05th Sep, 2023.
9. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of GDC R S Pura on 30th Sep, 2022.

10. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of Govt SPMR College of Commerce on 28th Sep,2022.
11. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of GGM Science College Jammu on 22nd Sep,2022.
12. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of School of Sciences ,Department of Zoology on 20th Sep,2022.
13. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of School of Sciences ,Department of Zoology on 8th Sep,2022.
14. Organized Online Photography competition on the topic Butterflies-The living Jewels for the students of J&K UT on 28th Sep, 2021.
15. Organized Butterfly Walk/Survey for the students of Hr Secondary School Paloura in Paloura and adjoining areas on 27th Sep, 2021.
16. Delivered a talk on 'Butterfly Identification and its Count' for the students of Hr Secondary school Paloura on 27th Sep,2021
17. Organized Butterfly Walk /Survey for the students of IME, University of Jammu in Environmental park Raika on 26th Sep, 2021.
18. Organised Online Painting competition on the topic Butterflies-The living Jewels for the students of J&K UT on 25th Sep, 2021.
19. Organised one day Webinar cum Workshop on the topic 'Know all about Butterflies' for the students of GDC Reasi on 25th Sep,2021
20. Organised one day Webinar cum Workshop on 'Butterfly Identification and its Count' for the students of GDC R S Pura on 15th Sep,2021
21. Organised Butterfly Walk/Survey for the students of NSS GGM Science College Jammu in Science college and adjoining areas on 26th Sep, 2021.
22. Organised Butterfly Walk /Survey for the students of IME, University of Jammu in Jasrota Wildlife Sanctuary on 17th Sep, 2021.
23. Organised one day Webinar cum Workshop on 'Butterfly – The living Jewels' for the students of MV International School on 13th Sep,2021.
24. Organised Online Rangoli making competition on the topic Butterflies-The living Jewels for the students of J&K UT on 11th Sep, 2021.
25. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of NSS GGM Science College Jammu on 10th Sep,2021
26. Organised one day Webinar cum Workshop on Butterfly Identification and its Count for the students of School of Sciences Cluster university of Jammu on 9th Sep,2021.
27. One day Webinar cum Workshop on Butterfly Identification and its Count for the students of J&K in Watsapp Group on 3rd Sep 2020.
28. One day Webinar cum Workshop on Butterfly Identification and its Count for the students of J&K in Telegram Group on 12th Sep 2020
29. One day Webinar cum Workshop on Butterfly Identification and its Count for the students of GGM Science College Jammu on 22nd Sep 2020
30. Online Photography competition on the topic Butterflies-The living Jewels on 20th Sep, 2020.
31. Video Release on Butterfly Identification and How to differentiate Butterflies from Moths on 5rd Sep 2020
32. Online Painting competition on the topic Butterflies-The living Jewels on 10th Sep, 2020.(Junior)
33. Online Painting competition on the topic Butterflies-The living Jewels on 10th Sep, 2020.(Senior)
34. Online Rangoli competition on the topic Butterflies-The living Jewels on 20th Sep, 2020.
35. Online Poem Recitation competition on the topic Butterflies-The living Jewels on 10th Sep, 2020(Junior Level)

36. Online Poem Recitation competition on the topic Butterflies-The living Jewels on 10th Sep, 2020(Senior Level)

Invited Lectures/Resource Person

1. Invited as Resource Person in National Workshop on 'Techniques for Wildlife Monitoring in Snow Leopard landscapes' organized by the IME Baderwah Campus, University of Jammu from 17-20th October 2023.
2. Invited as Resource Person in 'First Jammu Butterfly Festival' organized by the Department of Ecology, Environment and Remote sensing Jammu at Environmental park Raika on 07th October 2023.
3. Delivered an expert talk on 'Diversity, Richness and Abundance of Butterflies in J&K' at GCW Parade, Jammu on 25th September 2023.
4. Invited as Resource Person in connection with the development of content material for brochures under AEP at JK Bose on 1-2 September 2023.
5. Delivered an expert talk in one day Seminar cum workshop on 'Butterfly Identification and its Count' at Govt. Degree College RS Pura on 30th September 2022.
6. Acted as Resource person in Two days Training programme for newly promoted Lecturers in J&K School Education department organized by State Council of Educational Research & Training (SCERT) J&K on 29th September 2022.
7. Acted as Resource person on World Butterfly Day at a programme organized by Wildlife/Nature Club GGM Science College Jammu on 14th March 2022
8. Delivered an expert talk on 'Butterfly Diversity' at Wildlife Department Manda, Govt of J&K on 27th Feb 2022.
9. Acted as Resource person in one day Webinar on 'Create Ecological Impact in Wildlife Education' for Rotary E-Connect on 5th December, 2021
10. Acted as Resource person in One days Webinar on 'Butterflies -The living Jewels' Organized by GDC Chenani. May 21, 2021.
11. Four days Training Workshop on the Use of White Board for the Faculty of Department of Zoology from 12th Oct 2020 to 15th Oct 2020.
12. Acted as Resource person in one day's Webinar on 'Importance of Butterflies' Organized by Directorate of Samagra Shiksha, Govt of J&K. September 19, 2020.
13. Acted as Resource person in Skill Development course on Parataxonomy at Institute of Mountain Environment, University of Jammu, Organized by IME, Baderwah Campus in Collaboration with G.B Pant Institute of Himalayan Environment and Sustainable Development. March 9-19, 2019.
14. Acted as Resource person in 'One day Workshop on 'Insect collection Identification and Curation' organized by the department of Zoology GGM Science College Jammu on 10th April 2018.
15. Delivered an expert talk on International Mountain day held on 11th December 2017 at J&K State Climate change Centre.

Contribution to EDUSAT (J&K Hr Education)

- 'Parental Care in Amphibians' at EDUSAT Hub Women College Gandhi Nagar Jammu on 29th March 2022
- 'Classification of Mammalia' at EDUSAT Hub Women College Gandhi Nagar Jammu on 30th March 2022
- 'Integument-Its Structure, Functions and Derivatives' at EDUSAT Hub Women College Gandhi Nagar Jammu on 22nd March 2019

Awards :

- ‘Shodh Guru National Award 2022’ by Guru Research Institute Rohtak
- ‘Chanakya Award-2022’ by International Council for Education, Research and Training (ICERT) Delhi NCR.
- “Dr APJ International Excellence Award-2023” by International Council for Education, Research and Training (ICERT) Delhi NCR.

Life Memberships:

The Indian Science Congress Association.
(Membership No.: L34079)

Research Work in progress:

- A. Diversity of Butterflies and Odonates in J&K and formation of checklist.
- B. Butterfly –Host plant interaction.
- C. Butterfly Museum and Butterfly Garden.

Employment History (in chronological order):

- **October 10, 2023– Present**
Assistant Professor
GCW Gandhi Nagar, Jammu. Department of Higher Education, Govt. of Jammu and Kashmir, India.
- **April 20, 2017 – October 10, 2023**
Assistant Professor
Govt. GGM Science College, Jammu. Department of Higher Education, Govt. of Jammu and Kashmir, India.
- **April 01, 2010 -April 19, 2017**
Lecturer (Zoology)
Department of School Education, Govt. of Jammu and Kashmir, India.
- **Feb 05, 2009 – March 31, 2010**
Accounts Assistant
Finance Department, Govt. of Jammu and Kashmir, India.
- **Nov 01,2007-Feb 05, 2009**
Teacher
Department of School Education, Govt. of Jammu and Kashmir, India.

Professional activities:

- **J&K State coordinator** for Big Butterfly Month India(Celebrated Every September)
- **Core Committee member** for Choosing National Butterfly of India.
- **Coordinator Faculty Development Programme**, J&K Hr Education Department
- **Subject Expert for inspecting** Proposed Research Hub in Life Sciences at GCW Parade Ground Jammu.(WCP/NP/2022/106 Dt 21/12/2022).
- Worked as **Joint Staff Secretary**, GGM Science College Jammu from 2017-2020.
- **Convener** Psychological Counselling Cell GGM Science College from 2020-2023.
- Member College IQAC-NAAC Committee.
- Member College New Education Policy 2020 Implementation Committee.
- Member Wildlife/Nature Club
- Member College Beautification Committee.

- Member Internal Evaluation Committee.
- Member syllabus forming committee.

Place: Jammu
Date: 14th December 2023

Dr. Shakha Sharma
Assistant Professor in Zoology
GCW Gandhi Nagar Jammu
Cluster University of Jammu