




## Faculty Profile

Title		First Name		Last Name		Photograph
Designation		Assistant Professor				
Address (Office)		Gargi College				
Contact No. (Mobile)		9958652213				
Email		thoudam.regina.devi@gargi.du.ac.in				
Google Scholar id:		0000-0002-1009-144X				
ORCID:						
EDUCATIONAL QUALIFICATIONS						
Degree		Institution				Year
Ph. D		Birla Institute of Technology, Pilani (BITS)				2012
M.Sc.		Jiwaji University, Gwalior				2005
B.Sc.		D.M. College of science, Manipur				2002
CAREER PROFILE						
Organization/Institution		Designation		Duration	Role	
Gargi College, DU		Assistant Professor		2015-till date	Teaching and Research	
DST, Ministry of Science and Technology		Analyst		2013-2015	Analysis and evaluation of Scientific Projects and management in relation with the proper functioning of the projects	

National Institute of Pathology (ICMR)	Research Scholar	2009-2012	To study the molecular signature of gastric cancer in high prevalence region of north east India to understand the molecular pathogenesis
National Institute of Pathology (ICMR)	Research Scholar	2006-2009	Role of tobacco in the causation of cancer in north east India

#### **ADMINISTRATIVE ASSIGNMENTS**

Office Bearer, Zoology Dept. Gargi College, Dec. 8, 2022 (Post accepted) till June 2025

Alumni Association, Member, Zoology Dept. Gargi College, July 2023 till date

Faculty Advisor, Zoology Dept. Student Union, Gargi College, July 2023-Nov. 2024

Magazine Editor, Department of Zoology, Gargi College. 2018-2019 with Dr. Chaitali.

Organizing Member of Northeast Fest 2016-2017, 2017-2018 and 2018-2019 Gargi College.

Curriculum Revision for Diversity of Chordates as Team Member, Delhi University. (Jan. 2019- June 2019).

Committee member “Computer lab. Committee” and “Equal Opportunity Cell” 2017-2018, 2019-2020, 2020-2021

Magazine Editor, Department of Zoology, Gargi College. 2019-2020 with Dr. Madhu.

Admission duty is executed time to time.

Advisor, Albatross, Society zoology Deptt. Gargi College 2023-2024

Convenor QED: 2023-2024, 2024-2025

Co-convenor NE society: 2024-2025

#### **AREAS OF INTEREST / SPECIALIZATION**

Genomics, Gene and Environment Interaction.

#### **SUBJECTS TAUGHT**

Chordates, Non-Chordates, Developmental Biology, Comparative Anatomy

#### **RESEARCH GUIDANCE**

**Mentored Pathfinder Project (DBT Star College Scheme)**

**Project Title:** Identifying Area of Intervention for Enhancing Student Mental Well-being through Questionnaire Data Collection  
**Student Names:** Anushka Singh, Aanchal Sharma, Kritika Sharma  
**Course and Year:** B.Sc. Zoology 1<sup>st</sup> year, B.Sc.(p) Life Sciences 1<sup>st</sup> year  
**Achievement:** Awarded *Gargi Pathfinder Award*

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**Mentored Pathfinder Project (DBT Star College Scheme)**

**Project Title:** Comparative Analysis of Natural Water Bodies from Delhi and NCR Region  
**Student Names:** Manisha Ahirwar, Krishna, Anushka Kumari  
**Course and Year:** B.Sc. (h) Botany  
**Achievement:** Selected for *Award of Stipend* to all three students

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**Mentored Pathfinder Project (DBT Star College Scheme)**

**Project Title:** Culturing Zooplankton: Identifying Their Usefulness  
**Student Names:** Tanzia, Suhana, Veenu  
**Course and Year:** Mentor for B.Sc.(p) Life Sciences I yr

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**Mentor for B.Sc. (Programme) Life Sciences – I Year**

**Project Title:** Comparative Study of Mushroom Cultivation on Soil and Straw: Identifying Optimal Species for Delhi NCR Conditions  
**Student Names:** Anshika Singh, Tanya Singh, Khushi Kumari, Harshi  
**Course and Year:** B.Sc. Zoology (Hons.), I Year  
**Achievement:** Selected for *Award of Stipend* to all four students

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**REFRESHER COURSE/ORIENTATION PROGRAMME/FACULTY DEVELOPMENT PROGRAMMES ATTENDED:**

- Completed FDP “Skill Development for Sustainable Aquaculture” Zoology Dept, Delhi University. June 19, 2023. June 25, 2023. Delhi University, SGTB Khalsa under PMMMNMTT
- Participated FDP on “Getting started with R” Computer Lab. Gargi College. August 8, 2023- August 9, 2023. Gargi College (IQAC)
- One week (online) Interdisciplinary Faculty Development of MOOCs while managing online classes (24 August – 31 August, 2021) organized by Keshav Maha Vidhyalaya, University of Delhi, Mahatma Hanraj Faculty Development Center (Hansraj College, University of Delhi) under PMMMNMTT.
- Two-week Refresher Course (online) in “Life Sciences” from 01-15 September 2021 obtained Grade A+. Organized by Teaching Learning Center, Ramanujan College, University of Delhi in Collaboration with Miranda House, under the aegis of PMMMNMTT.

- FDP (online) on “Environmental Audit” from 28 June-2 July 2021 organized by Department of Botany and Zoology of Kirori Mal College, University of Delhi under the aegis of PMMMNMTT.
- Three days FDP on “Stress Management” conducted by ICT Academy on 20 June 2022 to 22 June 2022 at Gargi College, South Delhi.
- Faculty Development Program on “Covid 19 Pandemic: Challenges” GGBSI University. 27 May-1 June 2020.
- One-Week Course on “Research Methodology” (FDP) organized by UGC-Human Resource Development Center, Jamia Milia Islamia, New Delhi. 4-9 February 2019.
- One-Week workshop (FDP) on “MOOCs, E-Content Development and Open Education Resources” organized by UGC-Human Resource Development Center, Jamia Milia Islamia, New Delhi. 25 February - 2 March 2019.
- Four Weeks Orientation, CPDHE, Delhi University. 21 Nov.-19 Dec. 2017 organized by UGC-HRDC.
- Faculty Development Program on “wildlife Conservation and Management” organized by Sri Venkateswara College, Under the aegis of DBT Star status. 19 February 2018.

#### PUBLICATIONS PROFILE

##### Research Publications in peer reviewed international journals:

1. Distribution of Glutathione S-transferase T1 and M1 genes polymorphisms in North East Indians: A potential report. ***Thoudam RD***, Yadav DS, Mishra AK, Kaushal M, Ihsan R, Chattopadhyay I, Chauhan P, Sarma J, Zomawia E, Verma Y, Nandkumar A, Mahanta J, Phukan RK, Kapur S, Saxena S. *Genetic Testing and Molecular Biomarkers. Volume 14, Number 2, 2010.* Impact Factor:1, ISSN:1945-0265 E-ISSN:1945-0257, Scopus index.

2. Polymorphisms of Glutathione-S-transferase (GST) genes and the risk of aerodigestive cancers in Northeast Indian population. Dharendra Singh. Yadav, ***Thoudam Regina Devi***, Rakhshan Ihsan, AK Mishra, Mishi Kaushal, Indranil Chattopadhyay, Pradeep Singh Chauhan, Jagannath Sharma, Eric Zomawia, Yogesh Verma, A. Nandkumar, Jagadish Mahanta, Rupkumar Phukan, Sunita Saxena., Sujala Kapur. *Genetic Testing and Molecular Biomarker. Volume 14, Number 5, 2010.* Impact Factor:1, ISSN:1945-0265 E-ISSN:1945-0257, Scopus index.

3. Investigation on the role of p53 codon 72 polymorphism and interactions with tobacco, betel quid and alcohol in susceptibility to cancers in a high-risk population from north east India. Rakhshan Ihsan, ***Thoudam Regina Devi***, Dharendra Singh Yadav, Ashwani Kumar Mishra, Jagannath Sharma, Eric Zomawia, Yogesh Verma, Rupkumar Phukan, Jagadish Mahanta, Amal Chandra Katak, Sujala Kapur, Sunita Saxena. *DNA and Cell Biology. 2011 Mar;30(3):163-71.* Impact Factor:2.6, ISSN:1044-5498 E-ISSN:1557-7430, Scopus index.

4. Association of Glutathione S-Transferase, EPHX, and p53 codon 72 Gene Polymorphisms with Adult Acute Myeloid Leukemia. Pradeep Singh Chauhan, Rakhshan Ihsan, Dharendra Singh Yadav, Ashwani Kumar Mishra, Bharat Bhushan, Abha Soni, Mishi Kaushal, **Thoudam Regina Devi**, Sumita Saluja, Dipendra Kumar Gupta, Vishakha Mittal, Sunita Saxena, and Sujala Kapur. *DNA and Cell Biology*. 2011 Jan;30(1):39-46. Impact Factor:2.6, , ISSN:1044-5498 E-ISSN:1557-7430, Scopus index.
5. Gene Expression Profile and Mutational Analysis of DNA Mismatch Repair Genes in Carcinoma Prostate in the Indian Population. Abha Soni, Sunita Saxena, Anju Bansal, L.C. Singh, Ashwani Mshra, Majinak Majumdar, **Thoudam Regina**, and Nayan Mohanty. *OMICS A Journal of Integrative Biology*. 2011 May;15(5):319-24. Impact Factor:1.6, ISSN:1536-2310 E-ISSN:1557-8100, Scopus index.
6. Study on predictive role of AR and EGFR family genes with response to neoadjuvant chemotherapy in locally advanced breast cancer in Indian women. L. C. Singh, Anurupa Chakraborty, Ashwani K. Mishra, **Thoudam Regina Devi**, Nidhi Sugandhi, Chintamani, Dinesh Bhatnagar, Sujala Kapur, Sunita Saxena. *Medical Oncology*. 2012 Jun;29(2):539-46. Impact factor:3.5, ISSN:1357-0560 E-ISSN:1559-131X, Scopus index.
7. Vitamin D receptor gene polymorphism(s) and breast cancer risk in north Indians. Anurupa Chakraborty, Ashwani K. Mishra, Abha Soni, **Thoudam Regina**, R. Mohil, D. Bhatnagar, A. Bhatnagar, Chintamani Chintamani, P.C. sharma, Sunita Saxena. *Cancer Detection and Prevention*. 2009;32(5-6):386-94. This journal Continued as [Cancer Epidemiology](#). Impact factor:2.6, ISSN:1877-7821 E-ISSN:1877-783X, Scopus index.
8. Association of interleukin-1  $\beta$  -511 C/T polymorphism with tobacco-associated cancer in northeast India: a study on oral and gastric cancer. Meena Lakhanpal, Dharendra Singh Yadav, Thoudam Regina Devi, Laishram Chandreshwar Singh, Khangembam Jitenkumar Singh, Santhi P. Latha, Pradeep Singh Chauhan, Yogesh Verma, Eric Zomavia, Jagannath Sharma, Amal Chandra Kataki, Sunita Saxena, Sujala Kapur. *Cancer Genetics*. 2014 Jan 16. Impact Factor:2.1, ISSN:2210-7762 E-ISSN:2210-7770, Scopus index.
9. A pilot study evaluating genetic alterations that drive tobacco and betel quid-associated oral cancer in Northeast India. Dharendra Singh Yadav, Indranil Chattopadhyay, Anand Verma, Thoudam Regina Devi, L.C. Singh, Jagannath Dev Sharma, Amal Ch. Kataki, Sunita Saxena, Sujala Kapur. *Tumor Biol*. 2014 Sep;35(9):9317-30, ISSN:1010-4283 E-ISSN:1423-0380. Scopus index from 1985 to 2025
10. Ahirwar, M., Krishna, Anushka Kumari, Thoudam Regina, & Ghosh, C. (2025). *Assessment of water quality of different water bodies in and around Delhi, India*. *Environment and Ecology*, 43(3A), 954–963. <https://doi.org/10.60151/envec/WBPW8179> The Journal is enlisted in NAAS, Web of Science. Indexed in EBSCO. NAAS Rating is 4.87
11. Regina, T., and A. Vineetha. "Unrecognized Role of Fisherwomen: A Barrier to Achieving Sustainable Fisheries Development." *International Research Journal of Management Sciences & Technology*, vol. 16, 2025, [www.irjmst.com](http://www.irjmst.com).

12.Regina, T., Chamola, A., & Ghosh, C. (2024). *The impact of climate change on insects.* Environment and Ecology, 42(4A), 1774–1782. <https://doi.org/10.60151/envec/DXDR8910>. The Journal is enlisted in NAAS, Web of Science. Indexed in EBSCO.

13.Arunachalam, V., Regina, T., Singh, S., Anand, S., Chemjong, J., & Kumar, T. (2025). *Ovicidal and oviposition deterrent activity of Carica papaya leaf extract against dengue vector, Aedes aegypti.* Research Journal of Science Engineering and Technology, 15(1), 48. <https://www.rjset.com>

14.Tyagi S, Singh M, Gnaneshwari MD, Sharma S, Regina T. Mushrooms as a sustainable resource: Biocatalysis, health benefits and waste utilization. *Environment and Ecology*. 2025;43(4):984–989. doi:10.60151/envec/FIVJ8790. Web of Science. Indexed in EBSCO, NAAS

**Book Chapters:** Regina, Thoudam, and Mahima. “Sustainable Practices: Solar Energy.” *Emerging Trends in Engineering and Technology*, Integrated Publications, 2023. ISBN 978-93-5834-172-0.

Regina T, Mahima M. Innovation in solar energy technology: From photovoltaics to solar thermal system. In: *IIP Series*. 2023. ISBN: 978-93-6252-921-3.

Regina, Thoudam, Mamtesh Singh, Khushboo Sharma, and Prachi Sharma. 2024. “The Global Challenge of Plastic Waste.” In *Emerging Trends in Zoology*, vol. 1, 49–62. New Delhi: Integrated Publications. <https://doi.org/10.62778/int.book.512>. ISBN: 978-93-5834-673-2

#### POSTER PRESENTED AND ABSTRACT PUBLISHED IN INTERNATIONAL/ NATIONAL CONFERENCES/ SEMINARS/ SYMPOSIA

1.***Th. Regina Devi***, D.S. Yadav, A.C. Kataki, E. Zamoawia, Yogesh Verma, S. Kapur, S. Saxena “**Polymorphisms of tumour protein P53 genes and the risk of developing gastric cancer in Northeast India.**” in “International symposium on Ethics Culture and population genomics’ & 34<sup>th</sup> annual conference of the Indian society of Human Genetics” organized by ISHG and ASI in New Delhi from March 17-20, 2009. [poster presentation]

2.***Regina D Thoudam***, Dharendra S Yadav, I Chattopadhyay, AC Kataki, E Zamoawia, S Kapur, S Saxena. “**Differential gene expression profile of stomach and oral cancer in high-risk region of India**” in 13<sup>th</sup> Human genome meeting (HGM 2008) on “Genomics and the Future of Medicine” held in Hyderabad on September 27-30, 2008. [poster presentation]

3.***Th. Regina Devi***<sup>1</sup>, D.S. Yadav<sup>1</sup>, A.C. Kataki<sup>2</sup>, E. Zamoawia<sup>3</sup>, Y. Verma<sup>4</sup>, S. Kapur<sup>1</sup>, S. Saxena. **Detoxifying enzyme genotypes and susceptibility to Gastric cancer.** National Conference on Emerging Trends in Life Sciences Research. March 6-7, 2009. Birla Institute of Technology & Science, Pilani, Rajasthan. [poster presentation]

4.D.S. Yadav, ***Th. Regina Devi***, J. Sharma, Y. Verma, E. Jamoivia, S. Kapur, S. Saxena. **Genetic Polymorphisms of CYP1A1 genotypes in patients with oral cancer.** National Conference on Emerging Trends in Life Sciences Research. March 6-7, 2009. Birla Institute of Technology & Science, Pilani, Rajasthan.



5.D.S. Yadav, **Th. Regina**, R. Ihsan, P. S. Chauhan, I. Chattopadhyay, A. C. Kataki, J. Sharma, E. Zamoawia, Y. Verma, S. Kapur and S. Saxena. **Prevalence of Glutathione S-Transferase (GST) Polymorphisms in Tobacco-Associated Malignancies in High-Risk Northeast Indian Population.** International Symposium on cancer Biology, November 14-16 2007, National Institute of Immunology (NII), New Delhi.

6.D.S. Yadav, **RD Thoudam**, AC Kataki, E Zamoawia, Y Verma, S. Kapur, S. Saxena. **Codon 72 of TP53 gene Polymorphism in oral cancer and stomach cancer in high-risk region of India.** Human Genome Meeting, Hyderabad, September 27-30, 2008.

7.D.S. Yadav, **Th. Regina Devi**, A.K. Mishra, J. Sharma, Y. Verma, E. Jamoivia, S. Kapur, S. Saxena. **Genetic polymorphisms of CYP1A1 genotypes in various ethnic groups of India.** International symposium on Ethics Culture and population genomics & 34<sup>th</sup> annual conference of the Indian society of Human Genetics” organized by ISHG and ASI, March 17-20, 2009, New Delhi.

8.Ihsan Rakhshan, Kaushal M., **Th. R. Devi**, Yadav D. S., Soni A., Mishra A. K., Kataki A. C., Sharma J., Behera D., Jaiswal A., Gupta K., Kapur Sujala, Saxena Sunita. **Study of interactions between Glutathione-S-transferase metabolic enzymes and smoking in lung cancer.** International Symposium on Frontiers in Functional Genomics, 27<sup>th</sup> Annual Convention, February 7-6, IACRCON 2008, Ahmedabad.

9.Kaushal Mishi, Chakraborty A, Bagadi S A Raju, Ihsan R, **Regina T**, Yadav D S, Chatterjee I, Zomawia E, Kataki A C, Sharma J, Verma Y, Mishra A K, Kapur Sujala, Saxena Sunita. **Assessment of Breast cancer Risk: Contribution of genetic Polymorphisms in Estrogen-synthesizing and Metabolizing Genes.** International Symposium on Frontiers in Functional Genomics, 27<sup>th</sup> Annual Convention, IACRCON, Feb 7-9, 2008, Ahmedabad. **(Awarded first prize in poster presentation)**

10.Pradeep Singh Chauhan, Rakhshan Ihsan, Ashwani Kumar Mishra, Bharat Bhushan, Sumita Saluja, Mishi Kaushal, Dharendra Singh Yadav, Abha Soni, **Thoudam Regina Devi**, Indranil Chattopadhyay, Sunita Saxena, Sujala Kapur. **“Glutathione S-transferase and Microsomal Epoxide Hydrolase Gene Polymorphisms and Risk of Acute myeloid leukemia”** in proceedings of conference entitled *“Hematologic Malignancies: Bridging the Gap 2010”* held in Singapore City, Singapore on Feb 5-7, 2010.

11.Singh Yadav Dharendra, Thoudam Regina, Mishra Ashwani, Saxena Sunita, Kapur Sujala. **Genetic Polymorphisms of CY1A1, NQO1 and NAT2 and Risk of Oral Cancer in Northeast India: Tobacco Consumption as Risk Modulator.** Human Genome Meeting 2011, 14-17 March 2011, Dubai.

12.**Regina Devi Thoudam**, Dharendra Singh Yadav, E. Zomawai, L.C. Singh, Indranil C., A.K. Mishra, Sunita Saxena, Sujala Kapur. **Gene expression profiling of gastric adenocarcinoma in high-risk northeastern region of India.** An AACR (American Association for Cancer Research) International Conference on New Horizons in Cancer Research. December 13-16, 2011.

13.Dhirendra singh Yadav, **Regina Thoudam D.** Sujala Kapur, Sunita Saxena et al. **“CYP1A1, NQO1, and NAT2 gene polymorphisms and risk of oral cancer in Northeast India: Tobacco consumption as risk modulator”** in proceeding of conference entitled “New Horizons in Cancer Research: Biology to Prevention to Therapy” organized by American Association for Cancer Research. December 13-16, 2011, New Delhi, India

**CONFERENCE/SEMINARS/SYMPOSIA/WEBINARS/PRESENTATIONS/  
ORGANIZATION**

- Organizer for song competition “Theme: Legends and Lore”, 16<sup>th</sup> oct.2024, Henosis, The North east Society, Gargi College
- Organizer of QED Workshop “Mechanization” 27<sup>th</sup> August 2024, English Debate Society, Gargi College
- Organized “WAX ELOQUENT 2024-2025”, Three days English Debate Competition. Gargi College. 19-21 April,2024-2025. QED Society, Gargi College
- Organizer of North east Society “Henosis” annual fest. on march 6<sup>th</sup> 2025
- Organizer, hands on workshop “The Art of Lab Science for Non-Teaching Staff. Zoology Dept. Gargi College. July 27, 2023- July 27, 2023. Gargi College (IQAC)
- ORGANIZED WAX 2023-2024 (Debate Competition), Three days English Debate Competition. Gargi College. Feb.17, 2024- Feb.19, 2024. QED Society, Gargi College
- Organized “Hands on Cyber-Security Workshop” Gargi College. Feb.7,2024. Zoology Dept. Gargi college
- Organizing Secretary of Webinar on “Entomology in criminal investigation” Gargi College, Delhi University. 20 Aug. 2020
- Organizing Committee Member of National Seminar on Use of Scientific and Technical Terminologies in “Sustainable Environment Development, Its Challenges, Computational Analysis and opportunities” organized by Department of Zoology, Gargi College and CSTT, MDRD, Govt. of India on 14-16 March 2019.
- Organizing Committee Member of the Symposium on “Wanderers of Nature: Exploring Wildlife”, Department of Zoology, Gargi College. 12 March 2018.

- Participation National Seminar “Mastering Research: Strategies and Tools for Enhancing your Skills” Sept.27,2024, Gargi College, University of Delhi.
- Fourth Workshop on “Genetic Epidemiological methods for the Dissection of Complex Human Traits”. TCG- ISI Centre for population Genomics and University of Pittsburgh. Kolkata, India. February 23-28, 2009.
- “New Horizons in Cancer Research: Biology to Prevention to Therapy Conference”, American Association for Cancer Research. Gurgaon, Delhi. 13-16 December, 2011.



- National Seminar titled “Mentoring the Teacher-Mentors: Capacity Building Programme”. Gargi College. 19-20 January 2018 organized by NAAC and Internal Quality Assurance Cell (IQAC) of Gargi College.
- National Webinar on “OPEN EDUCATIONAL RESOURCES” Gargi College, Chemistry Department. 21 May 2020.
- Participated National webinar on “Understanding Pandemic: A Historical Perspective” Department of History, B.N. College, Dhubri. 15 July 2020.
- Virtual talk on IVF on July 23, 2021 under the aegis of DBT Star College Scheme and IQAC, Deshbandhu College (University of Delhi).
- Participated webinar “Health Tech Diagnostics: Progress and Prospects”. Online. July 25, 2023. July 25, 2023. Miranda House, University of Delhi
- International Conference on “Drug Development, its Challenges”, Kalindi College. 20 May 2020.
- Women’s Conclave 2019, “Balance for Better”, Convention Center, JNU organized by Department of Science and Technology and JNU.
- National Seminar titled “Mentoring the Teacher-Mentors: Capacity Building Programme”. Gargi College. 19-20 January 2018 organized by NAAC and Internal Quality Assurance Cell (IQAC) of Gargi College.
- Attended Second Task Force Meet under star College Scheme, Gargi College. 8-9 May 2018.
- “New Horizons in Cancer Research: Biology to Prevention to Therapy Conference”, American Association for Cancer Research. Gurgaon, Delhi. 13-16 December, 2011.
- International Symposium on “Ethics, Culture and Population Genomics” & 34<sup>th</sup> Annual Conference of the Indian Society of Human Genetics. ISHG, New Delhi. 17-20 March 2009.
- “Genomics and the Future of Medicine”, HICC, Hyderabad. HGM2008, 27-30 September 2008.
- International Symposium on Cancer Biology. National Institute of Immunology, New Delhi. November 2007.
- 21<sup>st</sup> Annual Conference. Indian Association of Pathologists and Microbiologists. Institute of pathology, ICMR and Safdarjung Hospital and V.M. Medical College, New Delhi. Delhi Chapter, 16<sup>th</sup> April, 2006.

**WORKSHOP/TRAINING PROGRAMME ATTENDED**

- Hands on Training on Microarray technology with analysis and interpretation of data. National Workshop on Microarray Technology, April 2007. National Institute of Pathology (Indian Council of Medical Research), New Delhi.
- Training on “7<sup>th</sup> Capacity Building Programme for Technical Personnel of Science & Technology Departments”, Government of India. Indian Institute of Public Administration, New Delhi. 28 September to 9 October 2015.
- Workshop on “DNA FINGERPRINTING”, Hindu College, University of Delhi. 22 January 2016
- Workshop on E-resources for faculty of Humanities, Arts and Science. Gargi College, University of Delhi. 20-27 November, 2015.
- National Workshop on Molecular Cytogenetics Cancer Cytogenetics (hematological malignancy) by FISH, Department of Reproductive Biology, All India Institute of Medical Sciences, New Delhi, India. 29 November to 04 December 2010.
- International Workshop on Molecular and GIS Based Epidemiology of Leprosy. National Institute of Pathology, Safdarjung Hospital Campus, New Delhi, (INDIA). 4 - 9 March, 2010.
- Fourth Workshop on “Genetic Epidemiological methods for the Dissection of Complex Human Traits”. TCG- ISI Centre for population Genomics and University of Pittsburgh. Kolkata, India. February 23-28, 2009.
- Three-day online workshop on “Model Organism in Research”, January 15-17 2025.
- Workshop and Hands-on-Experience in “Advanced Spectroscopy” and Dynamic Light Scattering”. Kirori Mal College. 9 Oct. 2018.
- One-week online course on Digital teaching Techniques, ICT Academy (Online), 29<sup>th</sup> June to 4<sup>th</sup> July 2020.
- Science Academies Lecture Workshop, Department of zoology, Gargi College. 11-12 Jan 2018 organized by Gargi College (University of Delhi).

**AWARDS AND DISTINCTIONS**

Selected as Senior Scientific Officer, CFSL, CBI (Through UPSC)

Selected as Analyst, DST, Ministry of Science and Technology (Through UPSC)

ICMR JRF (2005-2008)

ICMR SRF (2008-2011)

**RESEARCH PROJECTS (MAJOR/MINOR GRANTS/RESEARCH COLLABORATION)**

#### **ASSOCIATION WITH PROFESSIONAL BODIES**

- Member of “Technical Advisory Committee on “Science, technology, Engineering, Mathematics (STEMM)-India Initiative (Bharat Vigyan Darshan)” DST, Ministry of science and Technology, New Delhi (2018-2021)
- EAC member for NCSTC, Department of Science and technology, New Delhi (2020-2023)
- Member for Expert Advisory Committee for STEMM Demonstrations, Science Media and Science Literacy, DST, New Delhi (2023-2026)
- Member of Screening Committee of proposals, National Council of Science and Technology Communication (NCSTC) Division, DST, Ministry of Science and Technology. New Delhi (2024-2026)

#### **OTHER ACTIVITIES**

- Resource Person, hands on workshop “The Art of Lab Science for Non-Teaching Staff. Zoology Dept. Gargi College. July 27, 2023- July 27, 2023. Gargi College (IQAC)
- Chaired a session on National seminar on Use of Scientific and Technical Terminologies in “Sustainable Environment Development, Its Challenges, Computational Analysis and Opportunities” organized by Department of Zoology, Gargi College and CSTT, MDRD, Govt. of India on 14-16 March 2019.
- Delegate in “National Conference on Technology Empowerment of Women”, Vigyan Bhavna, New Delhi. 8-9 March 2018 organized by DST, DBT and CSIR.
- Jury for “5<sup>th</sup> National Level Exhibition & Project Competition” for Innovation in Science Pursuit for Inspired Research. December 06-07, 2015 at IIT Delhi.
- Jury member in 6<sup>th</sup> National Level Exhibition and Project Competition, December 10-11, 2016 organized by Department of Science and Technology held at NPL Delhi.
- Jury Member for INSPIRE Award-MANAK 7<sup>th</sup> National Level Exhibition and Project Competition (NLEPC) on 14 Feb. 2019 at IIT Delhi.
- Judge for the “Central Level Science Exhibition” on 15.11.2018 by organized Science Center, Vasant Vihar at Govt. Co-Ed SSS Sec-5, R.K Puram, New Delhi-110022.
- Judge for the “Central Level Science Exhibition” on 23 oct 2019 organized by Science Center, Vasant Vihar at Govt. Co-Ed SSS Sec-5, R.K Puram, New Delhi-110022.