


Curriculum Vitae - Dr. FARHAT JAHAN

Personal Details	Photograph
<p>Name : Dr. Farhat Jahan</p> <p>Father's Name: Mohd Anwar</p> <p>Husband's Name: Dilshad Usmani</p> <p>E-mail : farhatjahan927@gmail.com farhat@hrc.du.ac.in</p> <p>Phone No: 9654274313, 9873814575</p> <p>Address: 313/91, First Floor, Tulsi Nagar, Inderlok, Delhi-110035</p>	
Educational Qualifications	
<ul style="list-style-type: none">• Ph.D (Preventive Toxicology) Title: Toxicity of Nickel in <i>Heteropneustes fossilis</i> (Bloch) and Role of L-cysteine amino acid in its Preventive Toxicology". Year: 2011 Supervisor: Dr. N.K. Bali, Reader, Department of Zoology, Meerut College, Meerut• M.Sc. in Zoology Department of Zoology, Meerut College, Meerut Year: 2001 - 2003 Specialization: Fish & Fisheries• B.Sc. Biology, Subjects: Zoology, Botany and Chemistry Department of Zoology R.G.(P.G.) College, Meerut Year: 1997 - 2000• Intermediate (10+2) Board: U.P. Board, Subjects: Biology, Physics, Chemistry, Hindi and English College: J.B.S. Inter College, Saharunpur Year: 1997• High School (10) Board: U.P. Board, Subjects: Biology, Science, Mathematics, Social Science, Hindi and English College: J.B.S. Inter College, Saharunpur Year: 1995	
Additional Qualification	

Two Years PG Diploma in Ecology and Environmental Science from Indian Institute of Ecology and Environment (IIEE), New Delhi (2000-2002)

Area of Research/Research Description

2022-2023 Currently working on “**Avian Biodiversity in the North Campus of the University of Delhi.**

2021-2022 Worked On Retrospective Study Of ABO And Rhesus Blood Groups distribution pattern in Delhi

2020-21 Epidemiological And Situational Analysis Of Corona Virus

2017-19 Determination Of Haematological And Biochemical Parameters Among Type-2 Diabetic Patient

2015-2016 : Synthesis Of Drug Doped Silica Nano Particals For Bioimerging And Therapeutic Application

2011-2015 : *Epidemiology And Survival Rates Of Female Breast Cancer Patients In Meerut City*

2003-2011 : Heavy Metal Toxicity And Role of Amino Acid In Toxicology.

Teaching experience

Over 14 years of teaching, academic and administration experience

S.No.	Name of Institution	Duration	Experience
1	Department of Zoology, Hansraj College, University of Delhi	23 rd July, 2012 – till date	10 years
2	Department of Zoology, Daulat Ram College, University of Delhi	3 rd Aug, 2011- 22 July 2012(Session end- 22nd May)	1 year
3	Department of Biotechnology, Meerut College, Meerut	8 th Aug, 2008- 8 th Aug, 2011	3years

Research Projects and Experience

●Innovation Project and Research Guidance:

- Working as Principal Investigator on the project entitled “**Avian Biodiversity in the North Campus of the University of Delhi**” sanctioned in accordance with College Research Council and Institution’s Innovation Council Scheme (IIC). Research is being done on 6 Students of B.Sc. Zoology (H) V semester in this project.
- Successfully Completion of Innovation Project of Delhi University as Principal Investigator (2015-2016) sponsored by the Research Council, the University of Delhi in which research guidance is given to 10 Students of B.Sc. Zoology and B.Sc. Chemistry.

Project Code- HRC-312

Project Title: Synthesis of Drug Doped Silica Nano Particles for Bioimerging and Therapeutic Application.

- **Project Fellow:** Worked on a major UGC research project as a research fellow with Ph.D. from 2005-2007, entitled “Assessment L-lysine and L-cysteine amino acids as Supplements in protection against toxicity nickel and chromium (VI) in *Heteropneustes fossilis* (Bloch)”

Publications Profile

1. •**Farhat Jahan**, Vandana Kumari Singh and Lokesh Chandra Mishra (2022) Hepatic Toxicity of Nickel in *Heteropneustes fossilis* (Bloch) *Zeichen* 8(7) 206-2013. ISSN No: 0932-4747 IF-4.7 UGC care Listed
2. • **Farhat Jahan**, N K Bhatia, Purab Kalyan Modak, Vandana Kumari Singh, Lokesh Chandra Mishra, Bhupendra Singh, and Haroon Ali (December 2021) A Retrospective Study of ABO and Rhesus Blood Groups among Blood Donors in Regional Blood Transfusion Centre Southwest Delhi, India. *International Journal Of Scientific Research*. Vol 10(12) ISSN No :2277-8179 IF-5.711 UGC care Listed no-49217
3. • Rupali Roy & **Farhat Jahan** et.al, (June 2020) An Epidemiological Analysis: Rapidly Spreading Covid-19 Infection During Lockdown Phase 2.0 In India. *Indian Journal Of Research* 9(5). Issn No.2250-1991.
4. • Rupali Roy & **Farhat Jahan** et.al., (May, 2020) Progression Of Coronavirus Disease 2019(Covid-19) Pandemic In India: A Situational Analysis. *International Journal Of Scientific Research* 9(5). Issn No.2277-8179.
5. •Deepa Hatwal & **Farhat Jahan** et.al., (May 2020) Determination Of Haematological And Biochemical Parameters Among Type-2 Diabetic Patient In Garhwal Region Of Uttrakhand. *Global Journal For Research Analysis (International)* 9(5). Issn No.2277-8160.
6. •Modak P K, **Farhat Jahan**, et al.(2019) Association And Distribution Of Abo And Rh Blood Groups Among Blood Donors In Garhwal Region, Uttarakhand. *Global Journal for Research Analysis*, 8(2): 2277 – 8160.(IF-5.156, Citation index-2565, h index 26
7. •**Farhat** and Bali (2018) Haematological and Biochemical Anomalies in *Heteropneustes fossilis* (Bloch) induced by Stress due to Nickel Chloride. *Asian Journal of Science and Technology*, 9(5):8075-8078. (impact factor- **6.946**, h index-**13**)
8. •**Farhat et al.**, (2013) Estimation of Survival Rates of Female Breast Cancer Patients in Meerut City, India” *American Journal of Cancer Epidemiology and Prevention*, 2:1-9

Ivy Union Publishing | <http://www.ivyunion.org> February 20, 2014

9. •**Farhat et al.**, (2012). A New Technique of Estimated Population of Denominators in Non-Population Based Cancer Registries in U.P. *International Journal of Agriculture and Statistical Sciences*, 8(1):319-327.
10. •**Farhat** et al., (2012). Epidemiology of Breast Cancer in Female in Meerut, India: Patients Characteristics and Survival Analysis. *Indian Journal of Public Health Research and Development*, 3(2) 49-52.

11. ▪ **Farhat** et al., (2012) Estimation of Denominators-A New Approach for Calculating of Various Rates in Cancer Registries, (Non-Population Based Cancer Registries, NPBCR.) *Asia Pacific Journal of Cancer Prevention Korea*,13: 3229-3232 (An Journal of UICC- and the International Association of Cancer Registries)

Paper presented in Conferences/ Symposia/Seminar/ workshop (Abstract Published)

(i) Haematological and Enzymatic Alterations Induced by hexavalent Chromium in *Heteropneustes fossilis* (Bloch).

(ii) Hepato-Renal Toxicity of Nickel in *Heteropneustes fossilis* (Bloch).

In the National Symposium on “Role of Applied Zoology in Food Production and Human Health” held at Department of Zoology, M.S.College, Saharanpur, 23-24 Dec. 2006.

(iii) Histopathology of *Heteropneustes fossilis* (Bloch) exposed to stress due to Nickel.

(iv) Role of L-cysteine amino acid in preventing toxicity of nickel in *Heteropneustes fossilis* (Bloch) In the National Conference on “Recent Advances in Life Sciences (Ralisc-08)” organized by Meerut College, Meerut, February 28-29, 2008.

(V) Hematological and biochemical anomalies in *Heteropneustes fossilis* (Bloch) induced by stress due to nickel chloride

FDP

► Completed A Two-Day 'Faculty Training Program' Entitled "Hands-On Techniques In Developmental Biology" From 1st-2nd April 2022, Organized By The Department Of Zoology, (Under The Aegis Of IQAC & DBT Star College Scheme) Shivaji College, University Of Delhi.

► Successfully completed One week (Online) Interdisciplinary Faculty Development Programme on “ **Waste Management During Pandemic and Its Impact on Circular Economy**” (22nd November– 26th November, 2021) organised by Departments of Chemistry and Commerce, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

► Actively participation in organizing of two days Faculty Development Programme on “ **Agriculture , Health and Society**” from 15th -16th March 2019 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.

Resource Person

► A talk in Workshop on “**INSPIRE Internship**” held on 12th-16th December 2017 at Hansraj College, University of Delhi, by DST, Govt. of India.

► A Talk on Hematology in **DST INSPIRE Internship Programme-2012** organized by Hansraj College, from 17th -21st Dec, 2012.

Organization in Conferences/Symposia/Seminar/ Workshop/ Presentations

▪Organizing member of An event “Plastic recycling AWARENESS WALK” organized by Department of Zoology, Hansraj College on 13th may, 2022.

▪Organised two Kavayanjali events:

Tabir-E-Alfaaz (A Slam Poetry Competition) held on March 4th, 2022 and Presenting A Poet(A Poet Enactment Competition) held on March 5th, 2022.

▪Organised as a coordinator "A Nest making workshop" on 28th February 2022, at Hansraj College on occasion of National Science Day. The event was graced by the presence of The Nest Man of India, Mr RakeshKhatri.

▪Organising member of a three lecture series on 25th February, 2022.

First lecture entitled “Bio-Entrepreneurship and introduction to facilities at BioNEST-UDSC”. The speaker for this session was Mr. Vijay Kantharia.

Second webinar was set into motion by Niraj Kumar, the host for this online webinar. The title for this webinar was on a very important industry- “Apiculture” headed by Dr. J. Jayaraj.

The last session for the day was extremely informative for students and titled: “Off the beaten paths-(Alternative) careers in Life Sciences”.

► Convenor of a event entitled “Azadi Ka Aaftab” organised by KAVYANIALI. THE POETRY SOCIETY HANSRAJ COLLEGE under the aegis of AZADI KA AMRIT MAHOTSAV On 12 TH FEBRUARY 2022.

▪Organising event Bird Counting and identification in campus area on 19th feb, 2022 at 7:15am

▪Organising member of a webinar entitled "Hydra as a model for EVO-DEVO", studying evolution of developmental mechanism with Hydra genes, signals and stem cells on 18th February 2022 .The guest speaker of the event was Emeritus Scientist Dr.Surendra Ghaskadbi.

▪Organizing member of An **International Webinar** on “Worlds of Insects” was organized on 12th November, 2021 in which three different speakers shared their knowledge.

▪Organizing member of An **Awareness Session** entitled “Bottles for Change” organized on 29th October, 2021 in collaboration with IQAC Cell of HRC Delhi University for understanding the global problem of plastic waste.

▪Organizing member of An **International webinar** on “Global peace and power of positivity” was organized on 23rd October, 2021 headed by Prof. (Dr.) Madhu Krishnan, The Chancellor of The American University, USA

▪Organized as a coordinator of 3 days workshop from 16th -18th October, 2021 on “Nutritional Awareness and Physical Fitness” which included talks of three different resource persons followed by different activities like cooking and poster making competition.

▪Organizing member of An **International webinar** entitled “Human Diversity, Immune Response and Cancer” was organized on 1st October, 2021 under the guidance of speaker, Dr. Anil Shankar, professor at Mcharry Medical College, USA.

▪Organizing member of A **Webinar** entitled “Practice of Medicine in India” was organized On 25th September, 2021. The session was headed by our esteemed speaker Dr. (Air Commodore) Bhaskar Nandi.

- An **Awareness Program** on “Basics of Psychoactive Substances and it’s Harmfull Effects” was organized with collaboration of NISD, Ministry of Social Justice and Empowerment, Government of India on 04th September, 2021. (Resource Person- Dr. Ravindra Rao, Additional Professor (Psychiatry) National Drug Dependence Treatment Centre, All India Institute of Medical Sciences, New Delhi).
- Organised (**As a Kavyanjali Society Convenor**) **Aazadi @ 75 open mic** (celebrating the beauty of India) under the aegis of **Aazadi ka Amrit Mahotsav**. On 14th August 2021
- Organizing member of A **Webinar cum Virtual Visit to IVF Center** on IVF Technology was organized on 2nd July 2021. (Speaker- Dr. Nupur Garg MS (OBS. & Gyn., IVF Center, Noida)
- Organizing member of A Webinar on “**Dragonflies and Humans**” was organized by Department of Zoology, Hansraj College, University of Delhi in collaboration with WWF India on 23rd January 2021
- Organizing member of An International Webinar on “**Let’s Build Wellness- Than Treating Diseases**” was organized by Department of Zoology, Hansraj College, University of Delhi on 26th September 2020.
- Organizing member of A Webinar on “**Frontrunners of Zoology: Winning Streak Continues**” was organized by Department of Zoology, Hansraj College, University of Delhi on 5th September 2020.
- Organizing member of A Webinar on “**Gut microbiota and host : the fight for Iron**” organized by Department of Zoology, Hansraj College, University of Delhi on 1st August, 2020.
- Organizing member of the International Webinar on **COVID- 19;Living through the Pandemic** organized by Shrishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 29th, July 2020.
- Organizing member of A Webinar on “**Prevention and Remedies of Pandemic Covid-19**” organized by Department of Zoology, Hansraj College, University of Delhi on 15th May, 2020.
- Organizing Member of National Workshop on “Python for Biology” organised by Department of Zoology Hansraj College, University of Delhi (Under DBT Star College Scheme) on Sep 7th, 2019.
- Organizing Committee member Faculty Development Programme on “Agriculture, Health and Society (Interdisciplinary) Organised by Mahatma Hansraj Faculty Development Centre (A centre of MHRD, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching) on 15 March, 2019-16 March, 2019.
- Organizing Committee member of 1st International Conference on Integrative Chemistry, Biology and Translation Medicine Organised by Centre for Global Health, Hansraj College, University of Delhi & Loyola University Chicago Stritch School of Medicine, USA on 25th Feb-26th Feb, 2019
- Organizing member of A Talk on “**Autoimmunity**” organized by Department of Zoology, Hansraj College, University of Delhi on 20th February 2019
- Organizing member of A Talk on “**Relevance of Classical Zoology in Present Day Scenario**”

organized by Department of Zoology, Hansraj College, University of Delhi on 25th September 2018

▪ Actively participation in organizing of the Workshop of **INSPIRE Internship** ” ” held on 12th-16th December 2017 at Hansraj College, University of Delhi, by DST, Govt. of India.

▪ Actively participation as organizer in two days workshop on “**Diagnostic Applications of Immunological Techniques**” at Department of Zoology, Hansraj College, University of Delhi held on 19th-20th September 2017 by DST, Govt. of India.

▪ Actively participation as organizer in one day workshop on “**Basic Blood and Biochemical Parameters of Human Health**” at Department of Zoology, Hansraj College, University of Delhi held on 7th September 2017 by DST, Govt. of India.

▪ Actively participation as organizer in one day workshop on “**Beekiping- Be a Bee**” at Department of Zoology, Hansraj College, University of Delhi held on 22nd August, 2017 by DST, Govt. of India.

▪ Worked as organizer in one day workshop on “**Construction and Analysis of Phylogenetic Trees**” held on 23rd Feb, 2017 organized by Department of Zoology, Hansraj College under the aegis of DBT Star College Scheme.

▪ Worked as organizer in a workshop on “**Zebrafish- A Model Organism**” held on 21st -22nd Feb, 2017 organized by Department of Zoology, Hansraj College under the aegis of DBT Star College Scheme.

▪ Worked as organizer in a workshop on “**Drosophila- A model organism**” held on 21st -22nd Jan, 2017 organized by Department of Zoology, Hansraj College under the aegis of DBT Star College Scheme.

▪ Participated as organizer in workshop on “**Techniques in Immunology**” held on 19th -20th Dec, 2016, organized by Department of Zoology, Hansraj College under the aegis of DBT Star College Scheme.

▪ Organized a creative and youthful event in collaboration with Story Mirror Youth Creative Conclave. The event was held in a span of 4 days i.e. from 5th-8th October 2016.

- Worked as organizer in a workshop on **“Biotechnology techniques”** held on 21st -22nd March, 2016 organized by Department of Zoology, Hansraj College under the aegis of DBT Star College Scheme.
- Worked as organizer in Indo-Portuguese workshop on **“Emerging Trends of Nanotechnology in Chemistry and Biology”** held from 12th -13th Feb, 2016 organized by chemistry department Hansraj College and Deshbandhu College.
- Worked as organizer in Science Setu workshop on **“DNA fingerprinting”** held on 22nd Jan, 2016 at Hindu College.
- Actively worked as volunteer during Eight day workshop on **“Model Organism in Biological Sciences”** from 14th -21st Dec, 2015 organized by department of zoology under the aegis of DBT star College scheme.
- Worked as organizer in a workshop on **“Bioinformatics”** organized by Department of Zoology, Hansraj College on 28th Sept, 2015, under the aegis of DBT star College scheme.
- Worked as staff organizer for the workshop on **“Molecular Biotechnology Techniques”** held from 21st -23rd March, 2014 organized by Zoology Department, Hansraj College under the aegis of DBT star College scheme.
- Worked as volunteer in National conference on **“Relavence of Nano Technology in Biology”** organized by dept of Botany and Zoology, Hansraj College on 1st March, 2013.
- Worked as volunteer for organization of **“DST INSPIRE Internship Programme-2012”** organized by Hansraj College, from 17th -21st Dec, 2012.
- Worked as staff organizer for the workshop on **“Techniques in Genetics & Genomics”** organized by the Department of Zoology, Daulat Ram College, University of Delhi held on 8th-11th February 2012

Participation in Conferences/Symposia/Seminar/ Workshop/ Presentations

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▶ Participated in the knowledge broadcast webinar entitled " **“Explore ‘Bioethics’ in the Indian Context”** on **28 June, 2022 (Tuesday) at 4:30 PM**. Organised by by india Bioscience.

▶ Participated in the knowledge broadcast webinar entitled "Digital education through the lens of NEP 2020" on dated 17 Feb 2022 | 3:00 PM - 4:30 PM IST Organised by by india Bioscience.

▶ Participated in the International e-Symposium on "Intellectual Property Rights in Education and Research" organized by the Department of Zoology in association with the Department of Chemistry and Department of Commerce, DeenDayalUpadhyaya College under the aegis of Synapses, Science Foundation, Covalence and CommUnity on 16th February 2022.

▶ Attended A event on “Accelerate your research using Elsevier's Scopus” at University of Delhi on Friday 11 February, 2022 Presented by aishwaryanayal Customer Consultant.

▶ Attended the webinar on, "Understanding Plagiarism Detection Software Original" organized by University of Delhi in Association With Galactic Pune on dated :28/01/2022.

▶ Participated in Three Days Lecture Series on "'NEP 2020 : Delhi University Undergraduate Curriculum Framework 2022" (27 -29 January, 2022) organised by Institute of Lifelong Learning, University of Delh in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

▶ Participated in “Discover Emerald resources for your academicexcellence and research” on Jan 18, 2022 organised by Emerald Publishing.

▶ Participated in the International webinar on "Sustainable energy" organized by Zoology Department, Kalindi College University of Delhi and MGICCC, Govt of NCT, Delhi, India on 26th February, 2022.

▶ Attended the outreach program on "An introduction to Birdwatching and citizen science: An awareness initiative" organized by the Department of Zoology, Sri Venkateswara College, University of Delhi on February 26, 2022.

▶ Dr. Farhat Janhan has participated in online **International Conference on Emerging Trends in Chemical and Applied Sciences for Sustainable Future** (30th October, 2021) Organized by Department of Chemistry In association with IQAC, Hansraj College, University of Delhi.

▶ Dr.Farhat Jahan has participated in the Workshop on **Designing Classroom Pedagogy with Digital Tools**, Part 2 held between 19th October 2021-21st October 2021, organized by Delhi Effective Education & Pedagogy Cluster (DEEP-C)-DRIIV.

▶ Dr.Farhat Jahan Participated in the 2nd undergraduate teachers' workshop on “Understanding **Public Health From An Interdisciplinary Perspective**” held between 7th October - 12th October 2021, organised by Delhi Effective Education and Pedagogy Cluster Deep -C Drive.

▶ Dr.Farhat Jahan has successfully completed **Two Days International (Online) Conference on**

“Insect and Plant Biology :2021” (7th October– 8th October, 2021) organised by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

► Dr. Farhat Jahan Attended the online workshop on **‘Power Of Positivity In Adversity’** held on Saturday, 25 September 2021 on zoom platform conducted by Department of physics and electronics in association with science of spirituality.

► Dr. Farhat Jahan participated in the webinar on **"Training on Basic and Advanced Excel"** organized by the Department of Commerce, Hansraj College on 24th September, 2021.

► Dr. Farhat Jahan Attended the webinar on the topic **“stress management”** on 31 August 2021 under mental health initiative “project talk “ organised by gender championship cell of Sri Aurobindo College evening University of Delhi.

► **Farhat Jahan** has participated in the One Day online Faculty Development Program on **‘Digital Pedagogy and Climate Change Education Across Disciplines’** organized by Sri Venkateswara College, University of Delhi, India in collaboration with TROP ICSU, a Climate Change Education Project by the International Union of Biological Sciences (IUBS), on the 28th August, 2021.

2020. Actively participated in the Webinar on” biology and medicine recent advances” held on 10th October 2020 conducted by Department of Zoology, Aligarh Muslim University, Aligarh 2020

2020. Actively participated in One Day National Webinar on“(Changing methods of working and technology) held on May 27, 2020 organised by Hansraj College, University of Delhi.

2020. Actively participated in One Day National Webinar on“(Kam kaj ke badale aur tareeke aur techniques) कामकाज के बदलते तौर तरीके और तकनीक "(Changing methods of working and technology)held on May 27, 2020 organised by Hansraj College, University of Delhi.

2020. Actively participated in national webinar on **Jio politics of Coronavirus pandemic** on May 25 Twenty20 organised by Kamala Nehru College University of Delhi.

2020. Actively participated in the webinar on the theme Pen to publishing: a bilingual webinar on writing editing and publishing held on sunday 24 May 2020, organised by Kirori Mal College University of Delhi.

2020. Actively participated in One day webinar on **Role of ICC and Prevention, Prohibition and Redressal of Sexual Harassment of Workmen at Workplace** on May 22,2020. organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

2020. Actively Participated in the international conference on **Drug development its challenges and the role of nutrition in immuno boosting against Covid -19** organised by zoology department under ages of IQAC Kalindi College, University of Delhi, Delhi India on 20 May 2020.

2020. Actively participated in Two Day Webinar**“Myths and truths of fitness and corrective exercises for various body deformities”**(12th–13thMay, 2020)organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

2020. Actively participated in one day webinar on **Strengthening the immune system with naturopathy**

Held on May 6, 2020 organised by Department of botany and internal quality assurance cell Hansraj College University of Delhi.

2020. Actively participated in international webinar on **Importance of cyber security in the world of pandemic and social media** on May 6, 2020 organised by Kamla Nehru College University of Delhi.

2020. ?Actively participated in Three Day Webinar“**Covid19 : Challenges and Road Ahead**”(7th–9thMay, 2020)organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

2020. Actively participated in webinar on topic “**Online Teaching and Learning Technology**” organized by ARSD College, Dhaulakuanheld on 27thApril, 2020.

2020. Actively participated in the Webinar on “**Genome-wide changes under microgravity**” on March 15,2020 organised by SCHOOL OF LIFE SCIENCES in CENTRAL UNIVERSITY OF HIMACHAL PRADESH.

2018. Actively participated one day Workshop on “**Document Verification: A Forensic Perspective**” organized by Shaheed Rajguru College of Applied Sciences for Women, Delhi in collaboration with DBT Star College Scheme & Internal Quality Assessment Cell (IQAC) held on June11, 2018 in the college premises.

2017. Actively participated in the Regional Workshop **Research As Pedagogy a Science Teacher Education Program (RAP a STEP)** for Teachers of undergraduate science courses held on May 9th and August 18th – 19th 2017 at SGTB Khalsa College and Gargi College, University of Delhi.

2017. Actively participated the Workshop on “**Women in Science: A Career in Science**” held at Deen Dayal Upadhyaya College, University of Delhi on August 10th and 11th,2017 organized by Indian Academy of Sciences, Bangalore and Science Foundation, Govt. of NCT, New Delhi.

2016 Attended “**The Cell Press TNQ Scientific Lecture**” by Professor Karl Deisseroth on 22nd January 2016 at AIIMS, New Delhi.

2015 Actively participated in two days workshop on “**Uchhtar shikha me takniqi shabdawali ki bhumika**” held on 23- 24 july, 2015 organized by Commission for Scientific and Technical Terminology (Ministry of Human Resource Development) at Hansraj College, University of Delhi.

2015 Attended seven day workshop “training programme in Animal Behaviour” from 19th to 25th August 2015 organized by Department of Zoology, University of Delhi.

2012. Actively participated in the Workshop on “**Computational Biology: A Workshop for science Teachers**” organized by DBT Star College Project at D.S. Kothari Center for Research and Innovation in Science Education, Miranda House, University of Delhi held 9th -11th January 2012.

2011. Actively participated in the Workshop of “**Techniques in Cell Biology**” conduct by the Department of Botany, Daulat Ram College, University of Delhi, held on 12th- 14th October 2011.

2009. Presented oral papers presentation National Seminar on “**Thrust Areas in Fish Biotechnology**”

and Fish Conservation” Organized by Meerut College Meerut, 19th September, 2009.

2008. Actively participated and presented poster in National conference on **“Recent Advances in Life Sciences (RALISC-2008)”** organized by Department of Zoology, Meerut College, Meerut, Feb. 28-29, 2008

2007. Actively participated in National Seminar on **“Ailing Earth and Health Threats”** organized by Department of Zoology, D.N. College, Meerut, 19-20th Dec. 2007

2007. Attended National Symposium **“Science of Life: The New Horizon”** organized by Miranda House, University of Delhi, 21-23 Nov. 2007

2006. Presented oral papers presentation in National Symposium on **“Role of Applied Zoology In Food Production And Human Helath”** held at Department of Zoology, M.S.College, Saharanpur, 23-24 Dec. 2006.

2006. Actively participated National conference on **“Recent Advances in Applied Zoology”** held at the Department of Zoology Ch. Charan Singh University, Meerut, March 24-25. 2006.

2005. Presented Poster in National Symposium on **“Biology In The Service Of Mankind In Post Genomic Era”** held at Department of Botany, Raghunath Girls (P.G.) College, Meerut, Nov. 18th 2005.

2005. Attended National Colloquium-2005 on **“Wildlife Conservation and Animal Welfare Issues in India”** organized by Department of Zoology, Meerut College, Meerut, 22nd October, 2005.

Administrative/Academic/Society Activities departmental duties in college

2022-2023

Convener of Kavyanjali (Poetry Society)

A member of College Research Council

A member of Research Development Committee

A member of College Garden Committee

2021-2022

Convener of Kavyanjali (Poetry Society)

An active member of the Discipline Student Welfare Committee

Active member of category admission (OBC, SC & ST) Committee

2020-2021

Convener of Kavyanjali (Poetry Society)

An active member of the Discipline Student Welfare Committee

Member of Debating Society (ECA)

Active member of category admission (OBC, SC & ST) Committee

2019-2020

Convener of Kavyanjali (Poetry Society)

An active member of the Discipline Student Welfare Committee

Member of Zoological Society

Active member of category admission (OBC, SC & ST) Committee

2018-2019

Convener of Zoological Society

Convener of Kavyanjali (Poetry Society)

An active member of the ECA Society

An active member of the Discipline Student Welfare Committee

An active member of the Publication Committee

Active member of Reservation (OBC, SC & ST) Committee

An active member of Enabling Unit and EOC

2017-2018

Convener of Kavyanjali (Poetry Society) (2017-2018)

An active member of ECA Society (2017-2018)

An active member of the Publication Committee (2017-2018)

Active member of Reservation (OBC, SC & ST) Committee (2017-2018)

An active member of Enabling Unit and EOC (2017-2018)

2016-2018

Convener of Kavyanjali (Poetry Society) (2016-2017)

An active member of the ECA Society for the last three years (2016-2017)

Active member of Reservation (OBC, SC & ST) Committee (2016-2017)

2015-2016

An active member of the ECA Society for the last three years (2015-2016)

2007-2011

A representative at various level of College

Administrative/Academic/Society Activities departmental duties in university

Evaluation

Paper settings

Conduct of examinations

Subjects Taught

Non-chordata I: Protista to Pseudocoelomates

Non-chordata II: Coelomates

Diversity of Chordata

Animal Diversity

Human Physiology

Human Physiology and Biochemistry

Comparative Anatomy of vertebrates

Applied Biology and Biotechnology

Applied Zoology

Parasitology

Medical Zoology

Genetics and Genomics

Bioinformatics

Molecular Biology

Cell Biology

Ecology

Environmental Science

Food and Nutrition

Medical Diagnostics

Osteology

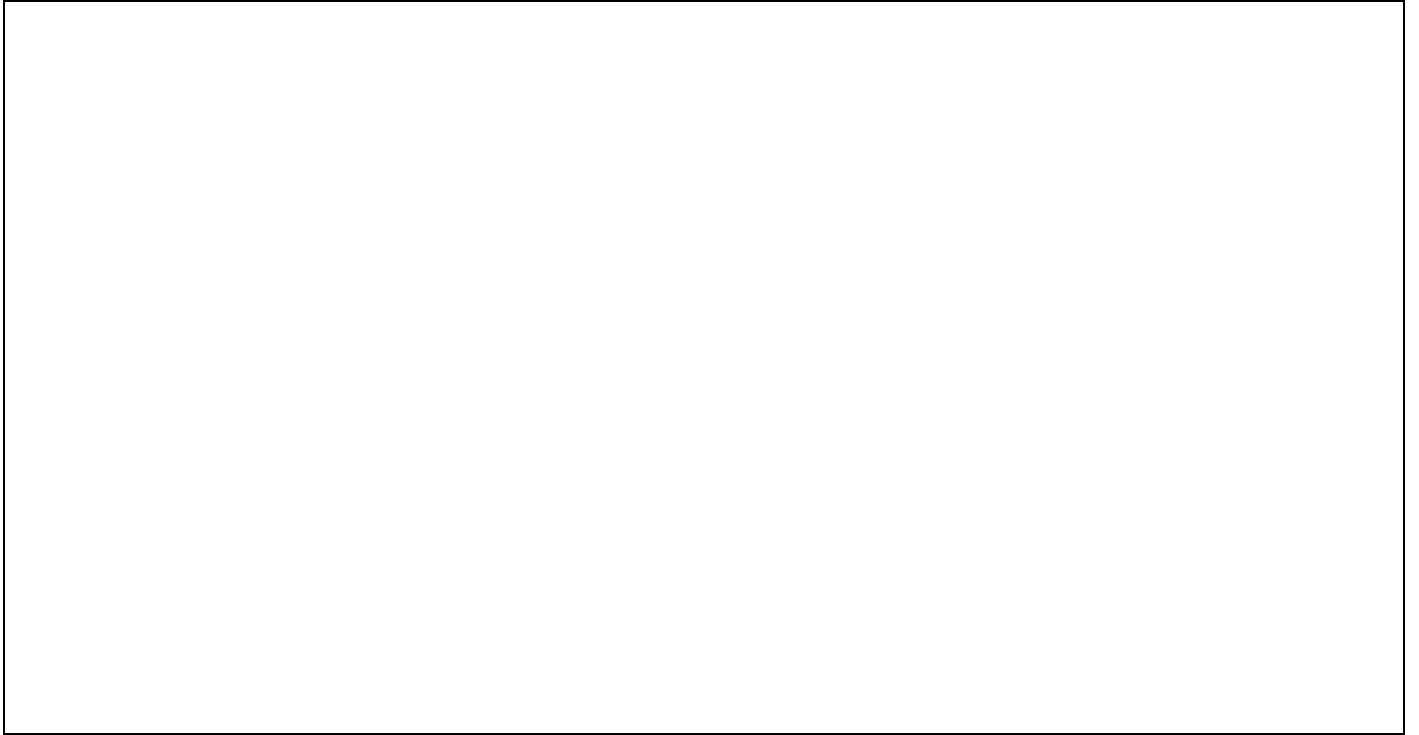
Developmental Biology

Comparative Anatomy and Developmental Biology of vertebrates etc.

Academic Awards, Achievements and Distinctions

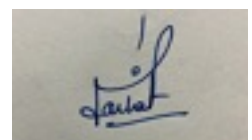
- Awarded Second Prize with research co-workers in Poster presentation in the Innovation Conclave - 2016, organized by Acharya Narendra Dev College, University of Delhi, during October 25th -26th, 2016.
- Awarded appreciation award with team for organized cultural program at the International Conference on Innovating Education in Asia held on October 31st to November, 2nd , 2015 at Hansraj College, University of Delhi.
- Selected as a **Project Scientist in DRDO, (INMAS)**, Ministry of Defence, Government of India.(3rd August, 2011).
- Awarded U.G.C. Project Fellowship: Project on “Assessment L-lysine and L-cysteine amino acids as Supplements in protection against toxicity nickel and chromium (VI) in *Heteropneustes fossilis* (Bloch)”from 2005-2007.
- Awarded first prize in Poster Presentation in National Symposium on “**Biology In The Service Of Mankind In Post Genomic Era**” held at Department of Botany, Raghunath Girls (P.G.) College, Meerut, Nov. 18th 2005.

Academic Excursions



Other Activities

- (i) Computer Skill : MS-Word, Excel, Power Point, Photoshop, CorelDraw and Internet working
- (ii) Writing Skill : I have flair for writing and have written poems and articles some of which have been published in different Magazines and News papers.

A small, square image containing a handwritten signature in blue ink. The signature is stylized and appears to be the name 'Santosh'.

Signature