



## Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Usha	Last Name	Yadav	Photograph
<b>Designation</b>		<b>Assistant Professor</b>				
<b>Address</b>		Department of Biochemistry Shivaji College University of Delhi				
<b>Office Phone No.</b>						
<b>Residence</b>						
<b>Mobile</b>						
<b>Email</b>		<a href="mailto:usha@shivaji.du.ac.in">usha@shivaji.du.ac.in</a>				
<b>Web-Page</b>						
<b>Educational Qualifications</b>		<b>M.Sc., Ph.D.</b>				
<b>Degree</b>		<b>University/Institute</b>			<b>Year</b>	
<b>Ph.D.</b>		National Institute of Immunology			2019	
<b>M.Phil./M.Tech.</b>						
<b>PG</b>		University of Delhi, South Campus			2012	
<b>UG</b>		Shivaji College, University of Delhi			2010	
<b>Any Other Qualification</b>						
<b>Career Profile</b>						
Assistant Professor in the Department of Biochemistry, Shivaji College, University of Delhi (July, 2018 - till date).						
<b>Administrative Assignments</b>						
2023-24						
<ul style="list-style-type: none"> <li>• Co-convenor of DBT Star College Scheme, Department of Biochemistry</li> <li>• Member of Annual Day Committee, Remedial Cell, and Alumni Relations Cell</li> </ul>						
2022-23						

<ul style="list-style-type: none"> <li>• Co-convenor of DBT Star College Scheme, Department of Biochemistry</li> <li>• Member of Annual Day Committee, Placement Cell, Remedial Cell, Canteen Committee, Anti Ragging Committee, and Institutional Ethics Committee</li> </ul> <p>2021-22</p> <ul style="list-style-type: none"> <li>• Co-convenor of DBT Star College Scheme, Department of Biochemistry</li> <li>• Member of Annual Day Committee, Placement Cell, Women Development Cell, Remedial Cell, Garden Committee, Canteen Committee and Rankings Committee</li> </ul> <p>2020-21</p> <ul style="list-style-type: none"> <li>• Member of DBT Star College Scheme, Department of Biochemistry</li> <li>• Member of Annual Day Committee, Shivaji College NAAC team 2020, Women Development Cell</li> </ul> <p>2019-20</p> <ul style="list-style-type: none"> <li>• Member of DBT Star College Scheme, Department of Biochemistry</li> <li>• Member of Women Development Cell and Annual Day Committee</li> </ul> <p>2018-19</p> <ul style="list-style-type: none"> <li>• Member of Annual Day Committee and Alumni committee</li> </ul>
<p><b>Areas of Interest/Specialisation</b></p> <p>Tools and Techniques in Biochemistry, Proteins, Enzymes, Biomolecules, Advanced Methodologies, Advanced Cell Biology, Genetic Engineering and Biotechnology</p>
<p><b>Subjects Taught</b></p> <p>Biomolecules, Cell Biology; Basic Microbiology; Tools and Techniques in Biochemistry; Enzymes; Gene Organization, Replication and Repair; Nutritional Biochemistry; Metabolism of Carbohydrates and Lipids; Metabolism of Amino Acids and Nucleotides; Molecular Biology of Infectious Diseases and Protein Purification Techniques, Advanced Methodologies</p>
<p><b>Innovation Project/Research Projects (Major Grants/Research Collaboration)</b></p> <ul style="list-style-type: none"> <li>• Comparative analysis of the effects of dietary supplements on <i>Drosophila melanogaster</i>. (Principal Investigator of Intramural Project, CRIC, Shivaji College, March 2023-24)</li> <li>• To assess cardiorespiratory functions &amp; its correlation with Quetlet's Index and other relevant health parameters (Co-Investigator of DBT Star College Scheme Project, 2022-23)</li> </ul>
<p><b>Publications Profile (Research Papers/Books)</b></p> <ul style="list-style-type: none"> <li>• Dhembla C, Yadav U, Kundu S and Sundd M. (2022) Lipoate protein ligase B primarily recognizes the C8-phosphopantetheine arm of its donor substrate and weakly binds the acyl carrier protein. <b>Journal of Biological Chemistry</b> (<a href="https://doi.org/10.1016/j.jbc.2022.102203">https://doi.org/10.1016/j.jbc.2022.102203</a>) (<b>Joint First author</b>)</li> <li>• Garima, Prem R, Yadav U and Sundd M. (2021) A GX2GX3G motif facilitates acyl chain sequestration by <i>Saccharomyces cerevisiae</i> acyl carrier protein. <b>Journal of Biological Chemistry</b> (DOI: <a href="https://doi.org/10.1016/j.jbc.2021.101394">https://doi.org/10.1016/j.jbc.2021.101394</a>). (<b>Second author</b>)</li> <li>• Yadav U, Arya R, Kundu S and Sundd M. (2018) The 'recognition helix' of the type II Acyl Carrier Protein (ACP) utilizes a 'ubiquitin interacting motif (UIM)' like surface to bind its partners. <b>Biochemistry</b> (10.1021/acs.biochem.8b00220). (<b>First author</b>)</li> <li>• Yadav U and Sundd M. (2018) Backbone chemical shift assignments of the glycine cleavage complex H protein of <i>Escherichia coli</i>. <b>Biomolecular NMR Assignments</b> 12(1):163-165. (<b>First author</b>)</li> <li>• Kumar A, Arya R, Makwana PK, Dangi RS, Yadav U, Surolia A, Kundu S and Sundd M. (2015) The structure of the Holo-Acyl Carrier Protein of <i>Leishmania major</i> displays a remarkably different phosphopantetheinyl transferase binding interface. <b>Biochemistry</b> 54(36):5632-5645. (<b>Fourth author</b>)</li> </ul>
<p><b>Conference/Seminar/Faculty Development Programme/Workshop</b></p>

### Summer Training Programs

Served as **Program Coordinator and Resource Person** under **DBT Sponsored Star College Scheme** of the following:

- “Research Methodology 3.0”, organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from June 05-July 03, 2023.
- “Culturing, Maintenance and Experimentation with *Drosophila melanogaster*” organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from June 20- July 15, 2022.
- “Research Methodology 2.0”, organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from June 21-July 20, 2021.
- “Research Methodology”, organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from June 18-July 30, 2020.
- “Basic Microbiological techniques with special reference to bacteria” organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme from June 20- July 17, 2019.

### Served as

- **Co-convenor, Star College Scheme, Department of Biochemistry** Seminar on the topic entitled “Menstrual Hygiene and Prevention of cervical cancer” on November 28, 2023.
- **Coordinator of Educational Trip** to Prof. Girdhar Pandey’s lab, Department of Plant Molecular Biology, University of Delhi, South Campus on November 10, 2023.
- **Coordinator** of Language Workshop organized by the Remedial Cell, Shivaji College, University of Delhi on April 12, 2023.
- **Organizing Committee Member** of the **International Symposium** on “Advances in Translational Drug Development”, organized by the Department of Biochemistry, Shivaji College, University of Delhi in collaboration with Delhi School of Public Health, Institute of Eminence, University of Delhi, on April 05-06, 2023.
- **Event Coordinator** of “Cancer Prevention Campaign”, organized by the Department of Biochemistry, Shivaji College, University of Delhi in collaboration with ICMR-National Institute of Cancer Prevention and Research (ICMR-NICPR), Noida, on March 29, 2023.
- **Event Coordinator** of “Alumni Interaction Series”, organized by the Department of Biochemistry, Shivaji College, University of Delhi on January 27, 2023.
- **Organizing Committee Member** of the Seminar on “Therapies and Healings for Physical, Emotional and Relationship Issues”, organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on November 28, 2022.
- **Event Coordinator** of International Virtual Lab Tour of “Stem Cell Aging & Cancer Lab, Cancer Research UK Beatson Institute, Glasgow, Scotland, United Kingdom” organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on October 8, 2022.
- **Organizing Committee Member** and **Resource Person** of Workshop on “Experimentation with *Drosophila melanogaster*: A Beginner’s Guide” organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on September 29, 2022.
- **Organizing Committee Member** of Workshop on “*Caenorhabditis elegans* as a model organism for Biomedical Research” organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on September 22, 2022.
- **Event Coordinator** of Educational Trip to the Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi, North Campus organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on September 1, 2022.
- **Event Coordinator** of Lecture on “*Drosophila melanogaster*: an excellent system for identification and characterization of druggable targets against human neurodegenerative disorders” organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on July 11, 2022.

- **Event Coordinator** of Lecture on “Drosophila: An Excellent Model for Understanding Human Biology, Development and Diseases” organized by the Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on July 5, 2022.
- **Resource Person** for Intra College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organized under the aegis of Star College Scheme from April 19-25, 2022.
- **Organizing Committee Member** of Annual Academic festival Biochaperones 2022 “International Symposium on Molecular Basis of Traditional Medicine and Food” organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT sponsored Star College Scheme on April 19-20, 2022.
- **Organizing Committee Member** for First Hands-on Training Workshop on Isolation of Bacterial Genomic DNA using Magnetic Nanoparticles” organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT sponsored Star College Scheme on April 8, 2022.
- **Organizing Committee Member** for Seminar on “The hazards of continuing to work at the cost of sleep” organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on April 7, 2022.
- **Event Coordinator** of Educational Trip of Research Laboratories of the Department of Biochemistry, South Campus, University of Delhi, organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on March 22, 2022.
- **Event Coordinator** of Alumni Interaction Series organized by the Department of Biochemistry, Shivaji College, University of Delhi on February 27, 2022.
- **Organizing Committee Member** for a three-day virtual Hands-on Training workshop on “Green Synthesis of Nanoparticles and their Biomedical Applications”, organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme from February 04-06, 2022.
- **Event Coordinator** of a webinar on “Careers in Government Jobs” organized by the Placement Cell, Shivaji College, University of Delhi in collaboration with T.I.M.E. Group, on December 29, 2021.
- **Member, Organizing Team** of the workshop titled “SLR meta-analysis and bibliography research online workshop” organized by Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from November 12-16, 2021.
- **Organizing Team Member** of “Jijabai Achievers’ Award Ceremony”, organized by the Women Development Cell, Shivaji College, University of Delhi on September 3, 2021.
- **Event Coordinator** of International Webinar on “A Sweet Science: Eminence of O-Glycans in Hematopoiesis”, organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on October 21, 2021.
- **Workshop Co-coordinator and Resource Person** of “Hands-on Training Workshop Using Bioinformatics Tools for Understanding Protein Biology”, organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on October 11-12, 2021.
- **Resource Person** for Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organized under the aegis of DBT Star College Scheme from September 14-20, 2021.
- **Resource Person** for Intra College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organized under the aegis of Star College Scheme from August 11-17, 2021.
- **Program Coordinator** of International Virtual Lab Tour of “The Stern Lab Department of Pathology University of Massachusetts Medical School, Worcester, Massachusetts, US” organized by Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on July 31, 2021.
- **Resource Person** for the webinar on “Navigation of NCBI and UniProt”, organized by Department of Biochemistry, Shivaji College under the aegis of DBT Star College Scheme on July 19, 2021.
- **Organizing Team Member** of Annual Academic Festival: BIOCHAPERONES 2021, organized by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
- **Resource Person** of the Workshop for School Teachers in Biological and Chemical Science organized under the aegis of DBT Star College Scheme from March 22-26, 2021.

- **Organizing Team Member** of Online Alumni Meet-2021, organized by the Department of Biochemistry, Shivaji College, University of Delhi on March 13, 2021,
- **Resource Person** for Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organized under the aegis of Star College Scheme from February 8-15, 2021.
- **Organizing Team Member** of five-day National Workshop with hands-on training through virtual platform on “Bioinformatics and Biostatistics: A Beginner’s Guide” organized by Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme from January 16-20, 2021.
- **Organizing Team Member** of online workshop entitled “*Drosophila melanogaster*: A beginner’s guide to culturing and maintenance” organized by Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme, on November 12, 2020.
- **Organizing Committee Member** of an International webinar entitled “The Malleable Brain” organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on October 10, 2020.
- **Course Coordinator** of one-week online FDP on “ICT enhanced teaching learning and creating MOOCs”, organized by Shivaji College in collaboration with Ramanujan College from August 18-25, 2020.
- **Event Coordinator** of webinar on “DNA Repair” organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on April 30, 2020.
- **Member, Organizing Committee** of the International Conference on “Frontiers in Biochemistry and Biotechnology: Strategies to Combat Human Diseases” organized by Department of Biochemistry, Shivaji College and South Campus, University of Delhi on February 12-13, 2020.
- **Member, Organizing Committee** of the International Conference on “Women’s Leadership for Global Peace and Prosperity” organized by Women Development Cell, Shivaji College, University of Delhi on January 9-10, 2020.
- **Resource Person** of the Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science laboratories under the aegis of DBT Star College Scheme, held at Shivaji College, University of Delhi from May 20-24, 2019.
- **Member, Organizing Committee** of the National Symposium on “Recent Advances in Biological Sciences” organized by the Department of Biochemistry, Shivaji College, University of Delhi on April 10, 2019.
- **Member, Organizing Committee** of the “Health Mela” (extension of Innovation project SHC-311) organized in Shivaji College premises in collaboration with West District Legal Services Authority (WDLA) for all teaching and non-teaching staff and students on October 31, 2018.

#### **Workshops/Conferences/ Faculty Development Programme Attended**

- One week Workshop on **Value Addition Course: Ayurveda and Nutrition**, organized by Value Addition Courses Committee, University of Delhi in collaboration with Lady Irwin college from March 14-20, 2024.
- Viksit Bharat Ambassador ‘**Nari Shakti Conclave**’ organized by University of Delhi on March 07, 2024.
- International Conference organized by Shaikshik Foundation in collaboration with NCPSL & Shivaji College, University of Delhi titled ‘**Resurgent Bharat on the Global Canvas**’ on February 25-26, 2024.
- Webinar on **National Education Policy 2020** on the theme “Fostering Social Responsibility and Community Engagement in Higher Education Institutions in India 2.0” held on February 21, 2024.
- Webinar on **National Education Policy 2020** on the theme “Internship/ Apprenticeship Embedded Degree Program” held on February 03, 2024.
- **Online Induction Training/ Orientation Programme** for Faculty in Universities/ Colleges/ Institutions of Higher Education organized by Teaching Learning Centre, Ramanujan College, University of Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from January 22 - February 20, 2024.

- **Participated** in 7<sup>th</sup> Annual International Conference on INSCR on “Modulating the Environment with Microbes” from November 8-11, 2022.
- **Participated** in Faculty Improvement Program titled- “Digitilization of Laboratories and Library Data” organized by the Department of Zoology, Shivaji College, University of Delhi, on June 21, 2022.
- **Participated** in One day “Nanoparticles Virtual Lab Training and Applications (Module-1)” under NEAT Program, organized by the Department of Physics, Bhagini Nivedita College, Shivaji College, Motilal Nehru College and Bhaskaracharya College of Applied Sciences, University of Delhi, on January 27, 2021.
- **Participated** in National webinar on “Challenges in implementation of NEP 2020”, organized by the Committee of Implementation of National Education Policy, Shivaji College, University of Delhi, on October 22, 2021.
- **Participated** in International webinar on “Diverse Roles of Immune Cells in Health and Disease” organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on October 7, 2021.
- **Completed one-week online Faculty Development Programme** on “National Education Policy 2020: Re-Envisioning Higher Education in India” from August 30-September 7, 2021 organized by Teaching Learning Centre, Ramanujan College in collaboration with Shiksha Sanskriti Utthan Nyas under the aegis of Ministry of Education.
- **Participated** in National Level Webinar entitled 'Art of Academic Writing: A systematic approach' organized by Research & Innovation Cell, Shivaji College, University of Delhi on September 4, 2021.
- **Participated** in a webinar on “Mineral Nutrient Deficiency Signalling in Plants: A Functional Genomics Intervention”, organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT Star College Scheme on August 24, 2021.
- **Participated** in a webinar entitled “Genetically Engineered Vaccines: From Clones to Clinical Trials”, organized by the Department of Zoology, Shivaji College on 16 August 2021.
- **Participated** in the webinar on ‘Blockchain Technology and its application in Cryptocurrencies’ organized by Department of Commerce, Shivaji College, University of Delhi on July 29, 2021.
- **Participated** in webinar on the Response of the DBT’s Autonomous Institutes to COVID-19 (Part-III) organized by India Alliance on October 15, 2020.
- **Participated** in International webinar entitled “Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers” organized by Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on September 25, 2020.
- **Participated** in webinar entitled “Combating the Millennium Pandemic: Diagnostics and Infection Prevention” organized by Department of Zoology, Shivaji College, University of Delhi on September 18, 2020.
- **Participated** in one-week online FDP on “ICT enhanced teaching learning and creating MOOCs”, organized by Shivaji College, University of Delhi in collaboration with Ramanujan College, University of Delhi from August 18-25, 2020.
- **Participated** in the International webinar on “Environment Gender and Climate Change”, organized by the Department of Botany, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on July 28, 2020.
- **Participated** in the National webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organized by Research Cell, Shivaji College, University of Delhi on July 11, 2020.
- **Participated** in the webinar on “Zebrafish Model System” organized by the Department of Biochemistry, Shivaji College, University of Delhi under the aegis of DBT Star College Scheme on May 8, 2020.
- **Participated** in the International webinar on “Psychological Well-Being and COVID-19: An Internal Journey” organized by Women Development Cell, Shivaji College. University of Delhi on May 7, 2020.
- **Participated** in National seminar on “Recent Trends in Biological Research and Career Prospects” organized by Department of Zoology, Shivaji College, University of Delhi, on September 27, 2019.
- **Participated** in International e-summit on “Entrepreneurship Development through Ecotourism in Northeast India” organized by Shivaji College, University of Delhi on February 14-15, 2019.

### Oral Presentations

- **Usha Yadav** and Monica Sundd (2017) “Elucidating the molecular interactions of the lipoate protein ligase B in the endogenous lipoic acid synthesis”, National Conference on Protein Structure and Dynamics in Health and Agriculture, November 3-4, 2017, Jamia Milia Islamia University, New Delhi, India.
- **Usha Yadav** and Monica Sundd (2017) “Unraveling the molecular interactions of the lipoate protein ligase B during lipoic acid synthesis”, YES symposium, October 5-6, 2017, National Institute of Immunology, New Delhi, India.
- **Usha Yadav** and Monica Sundd (2017) “Unraveling the interactions of octanoyltransferases”, Protein Society Meet, Delhi, January 28, 2017. Indian Institute of Technology, New Delhi, India.

### Poster Presentations

- **Usha Yadav** and Monica Sundd (2018) “Insights into the molecular interactions of the lipoate protein ligase B during lipoic acid synthesis”, 42<sup>nd</sup> Annual Meeting of the Indian Biophysical Society, March 9-11, 2018, IISER Pune, India.
- **Usha Yadav** and Monica Sundd (2017) “Unraveling the molecular interactions of the lipoate protein ligase B during lipoic acid synthesis”, 86<sup>th</sup> Annual Conference of Society of Biological Chemists on Emerging Discoveries in Health and Agricultural Sciences, November 16-19, 2017, Jawaharlal Nehru University, New Delhi, India.
- **Usha Yadav** and Monica Sundd (2017) “Characterization of the lipoate protein ligase B (Octanoyltransferase) involved in the endogenous lipoic acid synthesis pathway of *Leishmania major*”, Annual Symposium of the Indian Biophysical Society, March 23-25, 2017, IISER, Mohali, India.
- **Usha Yadav** and Monica Sundd (2015) “Biochemical characterization of *Leishmania major*'s Lipoate protein ligase/octanoyltransferase”, Parasitology 2015-A Conference on Recent Trends in Parasitology, March 20-21, 2015, Jawaharlal Nehru University, New Delhi, India. (**Selected among top 10 posters**)
- **Usha Yadav** and Monica Sundd (2015) “TAMIFLU: A magic wand for influenza”, National Science Day, February 28, 2015, National Institute of Immunology, New Delhi, India. (**Awarded best poster**)
- **Usha Yadav** and Monica Sundd (2015) “Biochemical characterization of Lipoate protein ligase/octanoyltransferase of *Leishmania major*, National Symposium on Biophysics and Golden Jubilee Meeting of the Indian Biophysical Society, February 14-17, 2015, Jamia Milia Islamia University, New Delhi, India.
- **Usha Yadav** and Monica Sundd (2014) “Purification and biochemical characterization of Lipoate protein ligase/octanoyltransferase of *Leishmania major*”, BioWorld 2014: Protein Structure and Function, December 12-14, 2014, Indian Institute of Technology, New Delhi, India.
- Preeti Gupta, **Usha Yadav**, P. K. Sahoo and Aparna Dixit (2013) “Recombinant expression and purification of RNA2-encoded capsid protein of betanodavirus”, Symposium on Fish Genomics, January, 2013, Central Institute of Freshwater Aquaculture, Bhubaneswar, India.
- Amit Kumar, Manish Shandilya, Rudra kashyap, **Usha Yadav**, V.A. Semionkin, Michael Oshtrakh, Suneel Kateriya and Suman Kundu (2013) “Discovery to applications: snapshots of a Globin journey”, International Conference on Bimolecular Forms and Functions, Indian Institute of Science, Bangalore, India. (This poster was awarded Travel Award).
- Sheetal Uppal, Tanmay Vaidya, **Usha Yadav** and Suman Kundu (2012) “Characterization of amyloidogenesis of Neuroglobin”, National Science Day Symposium, February, 2012, University of Delhi South Campus, India.

### Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

NA

### **Awards and Distinctions**

- Certificate of Appreciation for serving as a Faculty Coordinator, Shivaji College, University of Delhi during the Blue Nudge – DRIIV – DEEPC fellowship (2023).
- Best Poster Award for the poster “TAMIFLU: A magic wand for influenza”, presented at National Science Day, February 28, 2015, National Institute of Immunology, New Delhi.
- Qualified CSIR-UGC NET (All India Test for Junior Research Fellowship & Eligibility for Lectureship) in December, 2012.
- GATE 2012 percentile-99.33
- Awarded Delhi University South Campus M.Sc. Endowment Scholarship in the year 2010-2011.
- Secured First Position in B.Sc. (H) Biochemistry, Shivaji College, University of Delhi in 2007-2008 and 2009-2010.

### **Memberships**

### **Other Academic Activities**

#### **Chapters Published in Books**

- “Digital Educators: Keeping knowledge alive during pandemic” in Women Development Cell, Shivaji College, Coffee table Book- Manaswini 2021, ISBN: 978-81-954354-2-5 published by Color Edge, New Delhi.

#### **Editorship of Books/Magazines**

- Biokemi 2023: Annual edition of the Biochemistry Magazine, Shivaji College, University of Delhi.
- Abstract book released during International Symposium held on April 04-05, 2023.
- Annual Report 2022-2023, Shivaji College, University of Delhi.
- Biokemi 2022: Annual edition of the Biochemistry Magazine, Shivaji College, University of Delhi.
- Annual Report 2021-2022, Shivaji College, University of Delhi.
- Women Development Cell, Shivaji College, Coffee table Book- Manaswini 2021, ISBN: 978-81-954354-2-5 published by Color Edge, New Delhi.
- Annual Report 2020-2021, Shivaji College, University of Delhi.
- Proceedings of the International Conference on “Frontiers in Biochemistry and Biotechnology: Strategies to Combat Human Diseases” organized by Department of Biochemistry, Shivaji College and South Campus, University of Delhi on February 12-13, 2020.
- Coffee table book “Sansmaran: A Decade of Reminiscence” published by Women Development Cell, Shivaji College, University of Delhi, 2020, ISBN: 8190-1856-24.
- Annual Report 2019-2020, Shivaji College, University of Delhi.
- Annual Report 2018-2019, Shivaji College, University of Delhi.
- Biokemi 2019: Annual edition of the Biochemistry Magazine, Shivaji College, University of Delhi.

**Usha**  
**Signature of Faculty Member**