



## Shivaji College Faculty Details Proforma

Titl e	First Name	Last Name	Photograph
Dr.	Rashmi	Wardhan	
<b>Designation</b>	<b>Associate Professor</b>		
<b>Address</b>	A-202, Ashoka Apartment ,Plot no 36/2 , Sector 9 , Rohini , Delhi 110085		
<b>Office Phone No.</b>			
<b>Residence</b>	7292066477		
<b>Mobile</b>	9811509435		
<b>Email</b>	<a href="mailto:rashmiwardhan56@gmail.com">rashmiwardhan56@gmail.com</a>		
<b>Web-Page</b>			
<b>Educational Qualifications</b>	<b>PhD, Biochemistry</b>		
<b>Degree</b>	<b>University/Institute</b>	<b>Year</b>	
<b>Ph.D.</b>	Meerut University, Uttar Pradesh, India	1985	
<b>M.Phil./ M.Tech.</b>	NA		
<b>PG</b>	Govind Bhallabh Pant University of Agriculture & Technology,	1979	

<b>UG</b>	DAV College, Muzaffarnagar, Meerut University, Uttar Pradesh, India	<b>1975</b>
<b>Any Other Qualification</b>	Completed Certificate course in Web-Centric Computing at NIIT	<b>2001</b>
	<ul style="list-style-type: none"> <li>• Successfully completed at All India level Entrepreneurship Development Program organized by FICCI, New Delhi</li> </ul>	<b>25th February 1987 to 9th April ,1987</b>
<b>Career Profile</b>		
<ul style="list-style-type: none"> <li>• <b>Associate Professor</b>, Department of Biochemistry, <b>Shivaji College</b>, University of Delhi from 02.09.1996</li> <li>• <b>Assistant Professor</b>, Department of Biochemistry, <b>Shivaji College</b>, University of Delhi from 07.09.1989- 01.09.1996</li> <li>• <b>Senior Research Associateship (Pool Officer)</b> by Council of Scientific and Industrial Research (CSIR), Govt. of India , New Delhi at <b>Lady Harding Medical College</b>, University of Delhi, Delhi from 08.05.1987 to 30.11.1987 and at <b>All India Institute of Medical Sciences (AIIMS)</b> from 01.12.1987 to 06.09.1989</li> <li>• <b>Demonstrator</b>, Department of Biochemistry, <b>Kalavati Saran Children Hospital</b>, New Delhi from 21.02.1984 to 08.01.1985</li> <li>• <b>Biochemistry Specialist</b>, <b>Sir Ganga Ram Hospital</b> , New Delhi From 13.06.1983 to 01.01.1984</li> <li>• <b>Demonstrator</b>, Department of Biochemistry, <b>L.L.R.M Medical College</b>, Meerut University, Uttar Pradesh From 01.05.1980 to 15.02.1983</li> </ul>		
<b>Administrative Assignments</b>		

### **Administrative posts**

- **Coordinator** Internal Quality Assurance cell from March 2020
- **Teacher in charge**, department of Biochemistry from 1st April 2019 to 30th April, 2020
- **Convener**, Discipline committee from 2016 to 2018
- **Convener**, International Conference on “Frontiers in Biochemistry and Biotechnology: Strategies to Combat Human Diseases” organised in association of department of Biochemistry, South campus on February 12-13, 2020
- **Co-ordinator**, Evaluation center for AECC and SEC papers from November 2016 to June 2017
- **Bursar**, Shivaji College from September 15th, 2014 to 21/01/2015
- **Co-convener**, Electronic evaluation center from June 2012 to 2013
- **Convener of organizing committee for** UGC Sponsored National Conference on “Trapped between Tradition and Modernity: Changes and Challenges faced by Women in India” in 2010
- **Convener** of organising committee to organize UGC-ICMR sponsored National Symposium on “Molecular Cell Biology” in 2009
- **President**, Shivaji College Teachers Association from 2012-2015
- **Convener**, Student advisory committee from 2012 to 2014
- **Teacher in charge**, Department of Biochemistry from 01/04/2013 to 31st/03/2014
- **Convener**, Women development cell from 2010 to 2012
- **Convener** of organizing committee to organise blood donation camp in association Blood Connect in 2012
- **Convener** of organizing committee to organise blood donation camp in association of RML hospital New Delhi in 2013
- **Member**, Entrepreneur cell, Shivaji College from 2017-2019
- **Member**, Physical verification committee for 2018-2019
- **Member** of Academic audit committee from May 2020
- **Member**, Time table committee from 2018
- **Member** of organising committee for National symposium on recent advances in Biological Sciences, organised by department of Biochemistry, Shivaji College, University of Delhi on April 10, 2019
- **Member** of organising committee for ‘Life Style Disorders :Understanding the molecular Mechanism’ organised by department of Biochemistry, Shivaji College, University of Delhi from Jan 28 to Jan 29, 2016
- **Member**, Organizing committee of WDC International Conference on “Empowerment of Women in the Developing World” organized by WDC Shivaji College in collaboration with WSDC, University of Delhi and NIDM, Ministry of Home Affairs, Govt. of India in 2013
- **Member**, organizing Committee of DBT-DST-ICMR-CSIR Sponsored National Workshop on “RNAomics: Isolation to interference” in collaboration with Roche, Medox and TCGA in 2010
- **Member**, Organizing Committee of Workshop for laboratory Assistants/ Attendants in Chemical and Life Sciences, Shivaji College, University of Delhi (2014)
- **Member**, organizing committee in the INSPIRE science camp (innovation in science pursuit for inspired research) sponsored by Department of science and technology (DST), Govt. of India in 2016.
- **Member**, organizing committee for National symposium on life style disorders, Understanding the molecular mechanism organised by dept. of biochemistry in 2016
- **Member**, organizing committee to organise workshop on DNA finger printing in 2016 at Hindu college, University of Delhi
- **Member**, organizing committee to organise inspire Science camp in 2015, sponsored by Department of science and technology (DST), Govt. of India
- **Member**, organizing committee for Department of Biochemistry magazine ‘BIOKEMI 2017’
- **Member of syllabi committee** in 2019 for Biochemistry syllabi, University of Delhi for following papers in CBCS mode:  
**Core papers:** 1. Metabolism of carbohydrate and lipids, 2. Gene Organization, Replication and Repair, 3. Gene Expression and Regulation, 4. Genetic Engineering and Biotechnology  
**Generic elective:** Recombinant DNA technology  
**Discipline selective course:** Plant Biochemistry
- **Member of syllabi committee**, University of Delhi for Biochemistry syllabi in 2014-15 for the following papers
- **Core papers:** 1. Recombinant DNA technology (FYUP)  
2. Molecular Biology (FYUP)  
**Discipline elective courses:** Plant Biochemistry

<b>Areas of Interest/Specialisation</b>
<b>Biochemistry , Membrane Biology , Molecular Biology and Biotechnology</b>
<b>Subjects Taught</b>
<b>Metabolism , Membrane Biology, Gene organization Replication and Repair ,, Gene Expression and regulation Genetic Engineering and Biotechnology</b>
<b>Innovation Project/Research Projects (Major Grants/Research Collaboration)</b>
<ul style="list-style-type: none"><li>• <b>Principal Investigator</b> of the Project: L-asparaginase, an anti tumor agent: Production, Characterization and Molecular Approaches ( SHC-312) financially supported under innovation project of University of Delhi by UGC ( Grant :Rs seven Lakh) from Sepetember 2015- December 2016</li><li>• <b>Principal Investigator</b> of the Project “Adulteration of Milk and its effect on Young Population”(SHC-205) financially supported under innovation project scheme of University of Delhi by UGC ( grant :Rs. Four Lakh &amp; fifty thousands) from November 2013 to March 2015.</li><li>• <b>Research Associate</b> in School of Biological Science, The Flinders University, South Australia on Project “The Role of Protein Kinase C in regulating apoptosis in U937 cells”, from May 1997 to January 1998.</li><li>• <b>Senior Research Associateship (Pool Officer)</b> by Council of Scientific and Industrial Research (CSIR),Govt.of India from 08.05.1987 to 06.09.1089</li></ul>
<b>Publications Profile (Research Papers/Books)</b>

### Books / chapter/ editor

- **Editor in chief : Rashmi Wardhan (2020)**, International conference Proceedings of 'Frontiers in Biochemistry and Biotechnology : Strategies to Combat Human Diseases' New Delhi . Published by Pawan Parkashan Bhagirathi Vihar, Delhi - 110094 ISBN : 8190-1856-91
- **Rashmi Wardhan** and Padmshree Mudgil (2017). **Text book of Membrane Biology**. Singapore: published by **Springer Nature Pvt. Ltd Singapore**. ISBN 978-981-10-7100-0 and ISBN 978-981-10-7101-0 ( E- Book ). This book is part of University of Delhi Biochemistry Syllabi

### Book chapter

- **Rashmi Wardhan (2016)**, Women empowerment Myth or Reality .Utkarsh: Epotomising progress, Women development cell, Shivaji college. Prathvi prakashan .ISBN 978-81-86845-41-0
- **Rashmi Wardhan** , Abhishek Umrawal and Mridula Budhiraja (2014). *An application of Logistic Regression to study Women empowerment and Sex Discrimination* . Empowering women: The Indian socio-cultural scenerio. New Delhi . **Published by** . ISBN 978-938-0397-498 p 98-115

### Articles in journals /paper presentation/poster presentation

- **Rashmi Wardhan** and V.Prabhavathi et al ( 2016), '*Isolation and Identification of microorganisms with high activity of L –Asparaginase : Anticancer enzyme*' University of Delhi Journal of Undergraduate Research and Innovation Volume 2:11 pp 171-179 ,ISSN-2395-2334.
- **Rashmi Wardhan** (2016), CARCINOGENIC AND ORGANO TOXIC COMPOUNDS IN MILK, LIFE: International Journal of Health and Life Sciences, Vol. 2 Issue 2, pp. 55-70. [ISSN2454-5872DOI-http://dx.doi.org/10.20319/ijhls.2016.22.5570http://grdspublishing.org/journals-](http://dx.doi.org/10.20319/ijhls.2016.22.5570)
- **Rashmi wardhan** (2016), '*Polycystic Ovarian cyst Disorder(PCOD): cause and control*', International journal of Biotechnology and Biomedical sciences(IJBBS), Vol:2(1),pp 32-33, ISSN 2454-4582, e-ISSN 2454-7808
- **Rashmi Wardhan** (2015) '*Analysis of Toxic compounds found in milk by GC-MS*' International Research Journal of Natural and Applied Sciences, Vol, 2: 45-57, ISSN 2349-4077 .IF 2.818 reviewed refereed open access international e journal, included in international directories. [www.aarf.asia](http://www.aarf.asia).
- **Rashmi Wardhan** and Sanjeev Kumar (2015) '*Quality of milk and awareness among consumers in Delhi-NCR*' International Research Journal of Human Resources and Social Sciences ,Vol 2(5) pp 14-26 , ISSN 2349-4085 , IF 2.561 reviewed refreed open access international e journal, included in international directories. Web site –[www.aarf.asia](http://www.aarf.asia)
- **Rashmi Wardhan** ,Deepika Yadav and Vanshika Lumb (2014) Poster on 'Diabetes: Disease progression, associated Cardiovascular risks and new age Drug therapy' in National Conference on Understanding the Mechanism and Challenges of Complex Diseases, organized by Department of Biomedical Sciences, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi from 29th-30th December
- Mridula Budhiraja, **Rashmi Wardhan**, Keerti Jain Behera (2013) '*Continuous model of tumor induced angiogenesis and anti angiogenesis strategy*' Mathematical Journal of Interdisciplinary Sciences, Vol:2( 1) pp57-75.

### Conference/Seminar/Faculty Development Programme/Workshop

#### Convener to organise webinar/seminar in lock down period

- 2020 . Webinar on '*Mind matters : coping with stress*' organised by WDC, Shivaji college, University of Delhi under aegis of IQAC on 11th May
- 2020, Webinar on '*Psychological well being in covid 19: An Internal Journey*' organised by WDC, Shivaji college, University of Delhi under aegis of IQAC on 7th May
- 2020, Webinar on *DNA repair*, Organised by department of Biochemistry, Shivaji college, University of Delhi on 30th April

#### Participation in Work shops/Training during last 10 years

- 2020, *Quality Assurance in Higher Education : Practices and Issues*, organised by Hansraj college, University of Delhi from 4th May to 8th May
- 2020, *NAAC Assessment and Accreditation ; A revised Framework for Affiliated colleges and Autonomous colleges* organised by K.C. College, Churchgate, Mumbai under the aegis of UGC-Paramarsh Scheme from 21 April to 24th April
- 2019, Completed E course work for '*Blended Capacity Building Programme on Climate Smart Governance*' organised by IIPA and sponsored by Department of Science and Technology, Govt. of India from 31st Jan to 1st Feb.
- 2019, Training on Blended capacity '*Blended Capacity Building Programme on Climate Smart Governance*' organised by IIPA and sponsored by Department of Science and Technology, Govt. of India from 28th Jan to 1st Feb.
- 2019, *Training Programme on Science and Technology for Rural Societies (For women Scientists and Technologists)* conducted at Indian Institute of Public Administration, New Delhi and sponsored by DST, Govt. India from Feb 25th to 1st March
- 2019, International Seminar on *Science, Environment and Spirituality (ISSES 2019)* organised by Eco Club, Shivaji college, University of Delhi on September 13th
- 2018 '*Workshop on Microscopy*' jointly organised by Indian Society of Cell Biology and Department of Genetics, University of Delhi South Campus, New Delhi-110021 on 27th March
- 2018, *Beginners hands- on Bonsai Workshop* organised by Garden committee, Shivaji college, University of Delhi on November 02
- 2017, *Global R and D submit 2017*, with thematic focus on '*Destination India: R&D and Innovations for Socio-Economic and Industrial Development*' organised by FICCI in Bengaluru, India on 6th-7th April
- 2017, '*Training on Zebra fish as animal model*', organized by Biochemistry and Zoology department of Daulat Ram College, University of Delhi from 15-17th March
- 2012, *Drosophila Stock Center '2nd Training Workshop in Drosophila Genetics'* organized by Department of Zoology, from 28th -29th January
- 2011, "*Bioinformatics workshop for life sciences faculty*" organized by Sri Venkateswara college, University of Delhi from July 27th -30th
- 2011, *National Workshop on 'Evolutionary perspectives in Modern Biological Teaching and Research'* organized by ILL, Centre for Science Education and Communication at Acharya Narendra Dev College, University of Delhi from May 9th -10th
- 2011, *Workshop on 'Impact of Biotechnology on man and Environment'* organized by TERI University, on 10th March
- 2010 Member of organising committee and participated in National workshop on '*RNAomics: Isolation to Interference*' organized by Department of Biochemistry, Shivaji college, University of Delhi, from October 25th -29th
- 2010, '*ICT workshop for capacity building of Delhi University faculty*' organized by Institute of Life Long Learning (ILL) workshop Tier II entitled from January 8th -14th
- 2009, Workshop on '*National Summer School on Molecular Cell Biology*' organized by Sri Venkateshwara College, University of Delhi from May 11th -16th

**Participated in Seminar /Webinar during last ten years**

- **2020, Webinar** on ‘*Strengthening Student Support and Progression*’ held on 21st April organized by Keshav Mahavidyalaya & Sri Aurobindo College (Evening) University of Delhi
- **2020, Webinar** on ‘*Drug Discovery – New Lead from Old Drugs*’ organized by Department of Pharmaceutical Chemistry, Faculty of Pharmacy on June 6th Ramaiah University of Applied Sciences, Bengaluru, Karnataka, India
- **2020, Webinar** on ‘*Rethinking and Revisiting Educational Technologies in present and past Covid 19*’ organised by School of Education ,Noida International University, Greater Noida, UP on 5th June
- **2020, Two days Webinar** on ‘*Understanding Human Health and Wellness in New Perspective*’ organised by department of Biochemistry ,Desh Bandu college ,University of Delhi on 20th to 21st May
- **2020, Webinar** on ‘*Zebra fish model*’ organised by department of Biochemistry ,Shivaji college, University of Delhi on 8th May
- **2017. ‘Awareness Programme on Intellectual Property Rights**’ organised by Shivaji college ,University of delhi in collaboration with DIPP IPR Chair and centre for Science Education and communication on 26th september
- **2016, ‘National seminar on water and air quality in urban ecosystem**’ organized by Eco club, Shivaji college on 22nd march
- **2016, help in organising ‘Workshop on DNA Finger Printing**’ held on January 22nd at Hindu College ,University of Delhi
- **2015, ‘One day workshop ‘ANKURAN’ on development of Herbal Garden**’ organized by e -Saviors Eco club, Shivaji college, University of Delhi in collaboration with National Medicinal board, Ministry of AYUSH, Govt. of India, Centre for Environment education , department of environment, Govt.of NCT, Delhi, held on 29th Jan.
- **2014, ‘1st International Conference on Emerging Trends of Nanotechnology in Drug Discovery**’ organized by Sri Venkateswara College, University of Delhi and Department of Biochemistry, University of Delhi South Campus in association with CQM, University of Madeira, Portugal from 26th -27th May
- **2014, National Conference on ‘Understanding the Mechanism and Challenges of Complex Diseases**’ organized by Department of Biomedical Sciences of Shaheed Rajguru College of Applied Sciences for Women, University of Delhi from 29th-30th December
- **2010, ‘National symposium on Current Trends in Genomics and Proteomics**’ organized by department of Biochemistry Deshbandu College, University of Delhi on 4th and 5th February
- **2009, National symposium on “Biotechnology in the Post Genomic Era”**, organized by Department of Biotechnology, Sri Venkateswara College , University of Delhi from 9th -10th April

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

- Twenty Undergraduate students training for two innovation projects
- Three Undergraduate Biotechnology students from amity University training for three months .

### Awards and Distinctions

1. Best poster presentation award by University of Delhi ( 2016).
2. Best poster presentation award in Innovation conclave 2016, Nurturing research at UG level by ANDC, University of Delhi.
3. Certificate of Appreciation (2016) by University of Delhi.

### Memberships

Membership of:

- . Life Member, Society of Biological Chemists.India, Registration number 793 in From 1995
- . Life Member, Proteomic Society.India Registration no 245 from may 2015

### Other Academic Activities

- **Member** , Selection committee for selection of lecturer (Assistant professor) in Zoology, Assistant teacher in science and Assistant teacher in biology and chemistry, Dayal Bag University, Agra UP in 2016
- 2014, “Workshop on Past life Regression and Spiritual Science” organized by Life Research Academy, Hyderabad, at IHC, Delhi from 30<sup>th</sup> May -1<sup>st</sup> June 2014.

### RESOURCE PERSON FOR LECTURE/WORKSHOP

- **2015**, Resource person in symposium at Multani Mal Post graduate College, Modi Nagar,UP,
- **2014**, Resource Person in the Workshop for Science Teachers and Students at Shardein School, Muzaffarnagar, Uttar Pradesh.
- **2014**, Resource person in Soft Skills Training Programme for Delhi Traffic Police Constables.
- **2014**, Resource person for Microbiological Techniques in Workshop for Laboratory Assistants-and attendant, in Chemical and Life Sciences ,Shivaji College ,University of Delhi
- **2013**, Resource Person in the Workshop for Science Teachers of Primary and Secondary Classes at Darbarilal D.A.V.Model School
- **2014**, Resource person in Workshop for laboratory Assistants/ Attendants in Chemical and Life Sciences, Shivaji College ,University of Delhi.
- **2016**, Resource person in the INSPIRE science camp, organized by Shivaji college, university of Delhi and Department of science and technology(DST), Govt. of India from 14-18teen Dec 2016.

### Cultural/ Extracurricular Activities



- **Teacher Incharge** to organize an educational trip to **Indian Institute of Science and Education Research-(IISER) , Mohali** ,Chandigarh and **The Indian Council of Agricultural Research (ICAR)** Directorate of Mushroom Research ,Solan,HP in October 2019 for Biochemistry students and faculty
- **Editor for Book** 'Light, camera ,Travel ,(2016), a coffee table book' ,written by Dr. Harsh Wardhan and edited by Dr Rashmi Wardhan.ISBN: 978-93-52672- 99-8
- **Travelogue:**  
Rashmi Wardhan (2014) "Beautiful and unforgettable Sikkim" Tourism and Wild Life magazine Edition October 2014:11-12.
- Successfully completed **Trekking expedition to Kailash Mansarover Yatra** organized by Ministry of External Affairs, Government of India in July 2014.
- **Participated** in Uttar Pradesh state debate in 1973 as student of DAV Inter College, Muzaffar nagar , UP

*Rashmi wardhan*

**Signature of Faculty Member**