



Shivaji College Faculty Details Proforma



Title	First Name	Last Name	Photograph
Dr	Shashi	Nijhawan	
Designation	Principal		
Address	Shivaji College (Constituent College of University of Delhi) Raja Garden New Delhi -110027		
Office Phone No.	011-25155551		
Residence			
Mobile	9868183049		
Email	shashi.nijhawan@gmail.com		
Web-Page			
Educational Qualifications			
Degree	University/Institute	Year	
Ph.D.	Haryana Agricultural University, Hissar, Haryana, India	1979	
M.Phil./M.Tech.			
PG	M.Sc. Biochemistry; Haryana Agricultural University, Hissar, Haryana, India	1974	
UG	B. Sc., Punjab University, Panjab, India	1972	
Any Other Qualification			
Career Profile			
<p>Successful education administrator, dedicated to maximizing the effect of educational programs through skillful management and administration. Pioneered and promoted various awards and activities towards fulfilling social responsibilities of the college along with all round development of the students and teaching excellence. With the support of the teaching and non-teaching faculty, successfully oversees the management of more than three thousand students who have opted for any of the twenty one undergraduate and three postgraduate courses offered by the College. Apart from fulfilling administrative responsibilities, active involvement in research and publication is also pursued. Continuous upgradation of skills by attending various academic administrator"s workshops and programs.</p>			
HIGHLIGHTS:			
<ul style="list-style-type: none"> Instrumental in obtaining NAAC grade "A" accreditation for Shivaji College in 2015, obtaining a position amongst the top 10 science colleges of the country (in a survey conducted by India Today ranking by Neilson in 2016) and attaining a rank among the top 60 colleges in the country in 2017 (National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India). 			

- Institution of Jijabai Women Achievers" Annual Award with the objective of felicitating men and women who have fought all odds to uphold the dignity and integrity of women at the grass root levels. This award is in recognition of their determination and perseverance, thus creating an awareness of gender sensitization and equality among the students. This is the only award of its kind given by any college under the aegis of the University of Delhi. □
- Active participation in various administrative bodies of Delhi University such as Academic Council, Science Courses Admission Committee, University Court, Water Harvesting and others. □
- Promoting NSS towards carrying out various activities such as educating slum children, organizing blood donation camps, cleanliness drives, Traffic rules and Road Safety awareness drive etc. □
- A five day Soft Skill Training program for Delhi Police and traffic police (West Zone) was also carried out for the first time in any college under the University of Delhi. □
- Initiated self-defense classes for students in collaboration with Delhi Police. □
- Encouraging the adoption of practices of promoting environmental consciousness through Eco Club and Clean Campus Committee. The college also has a vermicomposting pit and a paper recycling unit and provision for water harvesting. □
- Dealing with the pertinent problem of pollution in Delhi at the grass root level, by making Shivaji College a vehicle free and pollution free zone, which helps in reducing the carbon footprint of the institute. □
- Establishment of herbal garden to grow plants of medicinal value, along with other varieties. It is a practice of Shivaji College to present visiting dignitaries with potted plants grown in the college, thus promoting a green initiative. □
- Introduction of an accidental/life insurance policy of Rs. 2 Lakh for all students. This is a unique initiative of Shivaji College as a constituent college of the University of Delhi. All students are also given a health card. □
- Organization of INSPIRE program in collaboration with Department of Science and Technology, Govt. of India to help attract bright young minds to the exciting world of science and technology. The aim is to make talented and meritorious high school children aware of the exciting world of science and research, thus motivating them to contribute to the Indian Science Scenario. □
- Aided in the organization of various international and national conferences in the college along with promoting innovation and research projects funded by funding bodies. □
- Overseen to an active Placement cell for students to ensure best possible positions for the students and also facilitate internships for interested students □
- Successfully facilitated in the signing of five MOUs with various NGOs, Universities and industry for all round skill development of students and faculty members. □
- Promoted the organization of regular Lab Skill Training Workshops and Workshop on Enhancement of General Administrative Skills in Higher Educational Institutes for upgrading the technical ability of the various non-teaching faculty of the science labs and administrative skills of the Office staff respectively. □

ACADEMIC EXPERIENCE:

- Associate Professor, Dept. of Biochemistry, Deshbandhu College, University of Delhi (1997-2009). □
- Assistant Professor, Dept. of Biochemistry, Deshbandhu College, University of Delhi (1989-1997). □
- Assistant Professor, Dept. of Biochemistry, Shivaji College, University of Delhi (1988-1989). □
- Assistant Professor, Dept. of Biochemistry, Haryana Agricultural University, Hissar, Haryana (1979-1988).

Administrative Assignments
<p>ADMINISTRATIVE EXPERIENCE: Principal, Shivaji College, University of Delhi, Delhi (2009-till date).</p> <p>ADMINISTRATIVE EXPERTISE:</p> <ul style="list-style-type: none"> *Program development and educational development *Initiating and building strategic alliances *Organizational visions and missions *Staff supervision and performance evaluation *Discipline building *Excellence in teaching and promoting research and innovation
Areas of Interest/Specialisation
Cell Biology, Molecular Biology, Proteins & Enzymes
Subjects Taught
Cell Biology Enzymes Proteins
Innovation Project/Research Projects (Major Grants/Research Collaboration)
<p>2014-15: Principal Investigator of project: “Biochemical assessment of toxic heavy metals in bacterial strain growing in the polluted water: A step towards Bioremediation” Sponsored by University of Delhi under Innovation project scheme [Total funding: 5.5 Lacs].□</p> <p>2015-2016: Principal Investigator of project: “Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi” Sponsored by University of Delhi under Innovation project scheme [Total funding: 6 Lacs].□</p>
Publications Profile (Research Papers/Books)
<p>RESEARCH PUBLICATIONS</p> <ol style="list-style-type: none"> 1. Chetal, S., Lal, B.M. & Nainawatee, H.S. 1975. P-nitrophenyl acid phosphatase activity in germinating barley seeds under water stress. Curr. Sci. 44: 546. 2. Chetal, S. and Nainawatee, H.S. 1976. Some enzymes changes associated with water stress in germinating paddy and barley seeds. Plant Biochem. J. 3: 105 3. Chetal, S., Oswal, M.C. & Nainawatee, H.S. 1977. Germinating of paddy and barley as influenced by different water stress levels. J. Res. HAU 7: 53. 4. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1980. Phospholipid changes in wheat & barley leaves under water stress. Phytochem. 19: 1393. 5. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1980. Glycolipid changes in wheat and barley chloroplast under water stress. Pl. sci. Lett. 20: 225. 6. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1982. Chemical composition of wheat and barley leaves under water stress. J. Res. HAU. 12:50. 7. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1982. Phospholipase D activity in leaves of water stressed wheat and barley. Biochem. Physiol. PH. 177: 92. 8. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1982. Lipid changes in two cultivars of Wheat and Barley during leaf development. Z.planzen Physiol. 107: 187. 9. Chetal, S., Wagle, D.S. and Nainawatee, H.S. Phosphatidyl ethanolamine in wheat and barley leaves under water stress. Phytochem. 21:1432. 57-53. 10. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1983. Phospholipid changes in wheat and barley chloroplast under water stresses. Pl. Sci. Lett.29: 273.

11. Chetal, S., Wagle, D.S. and Nainawatee, H.S. 1983. Glycolipid phospholipid composition of wheat and barley chloroplast. *Biol. Plant* 25: 246.
12. Goyal, V., Chetal, S. and Nainawatee H.S. 1983. Water stress alters characteristics of alkaline phosphatase in *Rhizobium* and *Azotobacter* species. *Folia. Microbiol.* 29: 228
13. Goyal, V., Chetal, S. and Nainawatee H.S. 1986. Alterations in *Rhizobium trifolii* catalase under water stress. *Folia. Microbiol.* 31: 164.
14. Nijhawan, S. and Malik, D. 2014. STEM CELLS: A Life Insurance Policy at Birth? *ICJMAS* 3(7): 995-1001.
15. Malik, D., Singh, S., Thakur, J., Singh, R.K., Kapur, A., Kaur, A., Nijhawan, S. and Kumar, A. 2014. Nanocomposite Electrode Microbial Fuel Cell: A Promising Technology for Enhanced Power Generation from Yamuna Water. *IJSR* 3(7): 641-646.
16. Malik D., Thakur, P., Singh S., Thakur, J. and Nijhawan, S. 2014. Defining Fashion: Examining Evolving Trends from a Socio- Historical Perspective. *J Crop Sci Biotechnol* 2(11): 188-193.
17. Kumari R., Kaur A., Malik D., Kishore R. and Nijhawan S. 2014. Restoration and management study of water bodies in the West District of NCT-Delhi. *IJCMAS* 3(7): 937-944.
18. Malik D, Singh S, Thakur J, Kishore R, Kapur A, Nijhawan S. 2014. Microbial Fuel Cell: Harnessing Bioenergy from Yamuna Water. *IJSR* 3(6): 1076-1081.
19. Singh, S., Malik, D., Thakur, J., Kaur, A., Singh, R.K. and Nijhawan, S. 2014. A Comparative Analysis of the Physico-chemical Properties and Heavy Metal Pollution In Three Major Rivers Across India. *IJSR* 3(8):1936-1941.
20. Malik, D., Singh, S., Singh, Kishore R., Kaur, A., Thakur, J and Nijhawan, S. 2014. Heavy Metal Pollution in Yamuna River: An Introspection. *IJCMAS.* 3(10): 856-863.
21. Malik, D., Singh, S., Kaur, A., Thakur, J. and Nijhawan, S. 2014. Oxidative Burst: Biochemical implications of metal toxicity. *J. Crop Sci. Biotechnol.* 6(1): 25-40.
22. Thakur, J, Malik D, Nijhawan, S. and Singh, S. 2014. Situating Women in modern Science: The India Scenario *JIARM* 2(7): 52-59.
23. Kundu J., Kaur, A., Malik, D, Kishore R. and Nijhawan, S. 2014 Identification of suitable site for possible ground water recharge in south- west district of Delhi. *IJRASET* 2(7):24-29.
24. Singh, S., Thakur, J., Malik, D., Malik and, P. and Nijhawan, S. 2014. Identity Negotiation: The Prospective of Indian Women, *JIARM* 2(7): 439-447.
25. Nigam A., Bamel K., Malik, D. and Nijhawan, S. 2016. Heavy metal contamination in vegetables: Source of Nutrition or Health Hazard? *Journal of Basic and Applied Engineering Research*, Vol 3(1).
26. Malik, D., Thakur, J., Aggarwal, J., Dua, A. and Nijhawan, S. 2016. Irregularities of the Ovarian Cycle in Young Females: Etiology, Awareness and Management. *International Journal of Biotechnology and Biomedical Sciences.* 2(1): 57-59.
27. Malik, D., Thakur, J., Dua, A., Aggarwal, J. and Nijhawan, S. 2016. Lifestyle Disorders: A Case Study of Quetelet's Index and WHR in Undergraduate Students. *Proceedings of International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness* pp232-236.
28. Nigam A., Bamel K., Nijhawan S., Bharti S., Dogra S., Dalal H., Priyanka, Shashank and Walia A. 2016. "Effect of Heavy Metals on Reproductive Health of Women: Health Alarm!" *International Journal of Basic and Applied biology*, 3(4), 247-251.
29. Darshan Malik, Jayita Thakur, Jeetendra Aggarwal, Ankita Dua, Shashi Nijhawan, Abhishek Kumar, Kamalpreet Kaur, Himanshi Aggarwal, Diksha Mehta, HritikaVerma, Subhasis, Sheetal, Aakanksha Singh, Akshay GM and MithileshYadav. Quetelet's Index and Body Fat Percentage Assessment in Indian Undergraduate Students. *DU Journal of Undergraduate Research and Innovation* Volume 2, Issue 1 pp 56-69, 2016.

CO-EDITOR OF BOOKS

1. Nijhawan,S., Lochan, A. and Malik, D. 2014. *Empowering Women: The Indian Socio-Cultural Scenario*. Pragun Publication (A D K Publishers Distributors Enterprise), New Delhi.

2. Nijhawan, S., Kaur, A. and Malik, D. 2015. Environmental Analytical Chemistry –A Laboratory Manual. Prithavi Prakashan, New Delhi-11067.
3. Nijhawan, S., Tewari, P. and Madan, D. 2015. Sansrishti. Prithavi Prakashan, New Delhi-110067.
4. Executive Editor for the book titled Udayan: A New Beginning. 2017. Published by Women Development Cell, Shivaji College ISBN 978-81-86845-22-4. 10

CHAPTER IN BOOKS

1. Chetal, S., Wagle, D.S. and Nainawatee, H.S. Glycolipid changes in chloroplast of dwarf and tall wheat under water stress. Book: In genetics and wheat improvements. Ed. Gupta, A.K., Oxford and I.B.H., New Delhi. P-192.
2. Malik, D., Kaur, A. and Nijhawan, S. 2014. Women & Disaster Management. Book: Empowering Women: The Indian Socio-Cultural Scenario.
3. Malik, D., Singh, S., Thakur, J and Nijhawan, S. 2014. Fashion-In India and abroad, across the ages. Book: Women Empowerment through Skill Development.
4. Nigam, A. and Nijhawan, S. 2015. The evolving face of Women in Indian Advertisement. Book: Sansrishti-Creator of Good Things. Prithavi Prakashan, p44-52.
5. Thakur, J., Malik, D., Singh, S., and Nijhawan, S. 2015. Wild Tigers: A Battle for Survival. Book: Wild life Management: Concept, Analysis and Management.
6. Baweja, R., Nijhawan, S. and Malik, D. 2015. Fighting for Survival: Greater one-horned Indian Rhinoceros. Book: Wild life Management: Concept, Analysis and Management.

OTHER PUBLICATIONS

1. Nijhawan, S. & Rana V. 2005. Bioinformatics; A New discipline of 21st Century Univ. News (2005) 39: 105
2. Nijhawan S. 2005. Biotechnology, The last Great Technological Revolution of 20th Century. Science Reporter

Conference/Seminar/Faculty Development Programme/Workshop

- **1991** Refresher Course in Biochemistry-Code Biochem.-I at Centre for Professional Development Higher Education, University of Delhi.
- **1996** National Symposium on Current Trends in Plant Biochemistry & Biotechnology at Society for Plant Biochemistry & Biotechnology, New Delhi and Department of Biochemistry H.A.U. Hissar.
- **1997** Symposium on Diversity in Modern Biology at Department of Biochemistry, Delhi University, South Campus and Bimal K Bachhawat Foundation for Scientific Research and University of Delhi.
- **1998** Third Refresher Course in Biotechnology at Academic Staff College, Jawaharlal Nehru University, New Delhi.
- **1999** Trends in Biochemistry at Department of Biochemistry, University of Delhi, South Campus.
- **2001** Refresher course in Biochemistry at CPDHE, University of Delhi.
- **2002** Workshop on Bioinformatics at Bioinformatics Centre JNU and Distributed Information Sub-Center, University of Delhi, South Campus.
- **2004** International Conference on Chemistry Biology Interface: Synergistic New Frontiers at Dr. B.R. Ambedkar Centre for Biomedical Research, University of Delhi.
- **2005** National Workshop in Bioinformatics and Computational Biology at Sri Venkateswara College, University of Delhi.
- **2006** National Symposium on Systems Biology at a joint event by South Campus, University of Delhi & JNU, New Delhi.
- **2009** National Symposium on Biotechnology in the Post Genomic Era at Sri Venkateswara College, University of Delhi.
- **2009** National Summer School on Molecular Cell Biology at Sri Venkateswara College,

University of Delhi.

- **2009** Orientation Programme in Planning and Management of Higher Educational Institutions at National University of Educational Planning and Administration, NUEPA, Delhi, 26-30th October 2009.
- **2009** Indo-American Education Summit 2009, organized by the Indus Foundation Inc. 8th November 2009.
- **2009** A two-day Microsoft training programme for senior university officials and principals at ILL, University of Delhi, 13-14th November, 2009.
- **2010** Academic Administration and Management at ILL, University of Delhi.
- **2010** Attended the National Symposium on Genomics and Proteomics at Department of Bio-chemistry, Deshbandhu College, University of Delhi.
- **2010** Seminar on Trends in Biochemistry at Department of Bio-chemistry, Sri Venkateswara College, University of Delhi and School of Biotechnology, Jawaharlal Nehru University, New Delhi.
- **2010** National Workshop on RNAomics: Isolation to Interference at Shivaji College in collaboration with Roche, Medox and TCGA.
- **2010** National Conference on “Tapped between Traditional and Modernity changes and challenged faced by women in India at Shivaji College.
- **2012** National Academic Congress organized by University of Delhi, 6 & 7th September, 2012.
- **2013** National Symposium on Ramachandra Manifestation: Peptide to Proteome at University of Delhi, South Campus and Sri Venkateswara College, University of Delhi.
- **2013** One day Principal’s Workshop on Higher Education: Challenges and Opportunities at UGC-ASC, Jamia Millia Islamia, New Delhi.
- **2013** National Symposium on Ramachandran Manifestation: Peptide to Proteome, Venkateswara College, University of Delhi.
- **2014** Workshop for Laboratory Assistants – Attendants in Chemical and Life Sciences at Shivaji College, University of Delhi.
- **2015** Principal’s Meet organized by UGC-HRDC Jamia Millia, New Delhi on Issues of Governance in Higher Education in India.
- **2015** Principal’s workshop, Jawaharlal Nehru University 12-16 October 2015. One week short term course.
- **2016** International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health: 2016) Organized by Daulat Ram College, University of Delhi, New Delhi, India and Krishi Sanskriti, New Delhi, India
- **2016** Workshop on “Asian Ministerial Conference on Disaster Risk Reduction- 2016 (AMCDRR)” organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India from 3rd -5th November, 2016.
- **2016** Workshop on “New Media, New Technology and Innovations for Improving Quality of Higher Education” organised by SEED, Centre of Higher Education Studies and Training (CHEST) in association with LMP Education Trust, from 21st-23rd December, 2016.
- **2016** Organised Workshop „Kisan Jagrukta Karyashala,, in Najafgarh area on 28th September, 2016 to create awareness among farmers and educate them about use of pesticides.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)
NA
Awards and Distinctions
<ul style="list-style-type: none"> • 2017 Awarded the “Best Indian Educationist Award” for contribution towards welfare of people by Friendship Forum on November 17, 2017.□ • 2017 Awarded the “Bharat Excellence Award” by Friendship Forum on November 17, 2017.□ • 2017 Awarded “National Skill Resources Development Award” by National Community College for Skill Development, Women’s Agency for Generating Employment, Confederation of Indian Universities and National Institute of Cleanliness and Research on October 3, 2017.□ • 2017 Awarded “Women Achievement Award” towards contribution in Education Development & Excellence in Education at the Education Conclave & Excellence Awards 2017.□ • 2017 Awarded “Lifetime Achievement Award” by Women’s Agency for Generating Employment□ • 2017 Under her guidance the college has been awarded “Green Campus Award” by Women’s Agency for Generating Employment.□ • 2017 Awarded „Environmental Education Promotion Award“ by National Institute of Cleanliness and Research (NICER).□ 2016 Awarded the Certificate for Project with Most Significant Societal Impact during Research Display at the Convention Centre, University of Delhi on 19th November, 2016. • 2016 Awarded Certificate of Appreciation for project “Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi” for being selected for research display the Convention Centre, by University of Delhi on 19th November, 2016.□ 2016 Awarded Best Oral Presentation at the International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health: 2016), Organized by Daulat Ram College, University of Delhi, New Delhi, India and Krishi Sanskriti, New Delhi, India on 15th and 16th January, 2016.□ • 2015 Awarded Best Display under the theme “Environment” in Antardhwani, University of Delhi, Innovation plaza.□ 2014 Best Poster presentation on "Epilepsy" at EPICON, the International conference (IC) on Epilepsy organized by SGTB Khalsa College, University of Delhi.□ • 2014 Best Paper presentation “Microbial Fuel Cell: Harnessing Bioenergy from Yamuna Water” IC-LIFE, organized by Jaypee Institute of Information & Technology, Noida.□
Memberships
<p>MEMBERSHIPS OF ACADEMIC SOCIETIES/COMMITTEES</p> <ul style="list-style-type: none"> • Member, Indian Association of Science Congress□ • Member, Proteomic Society of India□ • Member, Editorial board of “Journal of Biotechnology and Crop Sciences”□ □ • Member, Editorial board of Science Magazine “Biotech Express”□ <p>MEMBERSHIPS OF ADMINISTRATIVE SOCIETIES/COMMITTEES</p> <ul style="list-style-type: none"> • Co-Chair, INSCR International Conference (IIC- 2017) on role of microbe-plant-animal interactions in Human Health, 26-28 September 2017.□ • Co-Chair, INSCR International Conference (IIC- 2017) on role of microbe-plant-animal interactions in Human Health, 26-28 September 2017.□ • Co-Chair, Committee for Rain Water Harvesting, University of Delhi (2018-19).□ Special Invitee, Admission Committee for supervision of admission process, University of Delhi (2018-19).□

- Member, Academic Council, University of Delhi (2012-14, 2016-18).□
- Member, Admission Committee, University of Delhi (2016-17).□
- Member, Admission committee for smooth conducting of admission to all the courses of the university, University of Delhi (2018-19).□
- Member, Business Advisory Committee of the Academic Council, University of Delhi (2017-18).□
- Member, Central Admission Grievance committee for Undergraduate courses, University of Delhi (2015-16).□
- Member, Committee for re-examination of the quantum of punishment given in Unfair Means Cases (UFM), University of Delhi (2017-18).□
- Member, Education Courses Admission Committee, University of Delhi (2015-18).□
- Member, Expert Committee (Examination Reforms), University Grants Commission (2018).□
- Member, High Powered Committee for recommending changes in admission process and overseeing implementation of Undergraduate admissions in colleges, University of Delhi (2011-13).□
- Member, Homeopathic Medicine Courses Admission Committee, University of Delhi (2013-14).□
- Member, Inter disciplinary and applied sciences courses admission committee, University of Delhi (2018-19).□
- Member, Standing Committee on Academic Matters to the Academic Council, University of Delhi (2013-14).□
- Member, Science Courses Admission Committee, University of Delhi (2010-12, 2014-16).□
- Member, Selection Committee for TGT and PGT Science Teachers in CBSE affiliated Schools.□

Other Academic Activities

INVITED LECTURES/PANELIST

1. Paper presentation on Student Support Services at NUEPA, Delhi on October 28, 2009
2. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2010
3. Chaired session on- Biomarkers: Trends in Science in International conference on Science Spirituality and Humanity: Transcending Discipline Barriers at Shivaji College, DU In collaboration with Department of Philosophy, DU & NIDM, Ministry of Home Affairs, Govt. of India on February 18, 2011
4. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2011
5. Chaired session on Health and Medicines: A Socio Economic Perspective & Science and Technology at the Service of Humanity at International conference on Science, Spirituality and Humanity: Transcending Discipline Barriers at Shivaji College, DU In collaboration with Department of Philosophy, DU & NIDM, Ministry of Home Affairs, Govt. of India on February 18, 2011
6. Panelist at Biotechnology as a Career Option in Biotechnology Workshop- BIOTIKOS-2012 at TERI University, New Delhi on March 15, 2012
7. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2012
8. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2013
9. Delivered lecture on Good lab practices at Workshop for Laboratory Assistants – Attendants in Chemical and Life Sciences held at Shivaji College, University of Delhi on July 16, 2014
10. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2014
11. Delivered lecture on Maintenance of the Instruments at Workshop for Laboratory Assistants – Attendants in Chemical and Life Sciences held at Shivaji College, University of Delhi on July 18, 2014

12. Invited speaker to counsel and guide admission seekers and parents at Open Day organized by University of Delhi, 2015
13. Attended Principal's meet on "Issues and Challenges for Governance of higher education" organized by Jamia Milia Islamia, 9th march, 2017.
14. Three day workshop, Management Development Programme for University Deans/Principals of Colleges on Use of Media, New Technology and Innovations for Improving Quality of Higher Education organised by SEED, Centre of Higher Education Studies and Training (CHEST) in association with LMP Education Trust, from 21st-23rd December, 2016

PAPERS/POSTERS PRESENTED IN CONFERENCES /WORKSHOPS/SYMPOSIA

1. **Poster Presentation** on "Biochemical Assessment of Toxic Heavy Metals in Bacterial Strain growing in the polluted Water: A step towards Bioremediation" at Shivaji college, University of Delhi in collaboration with CDMS, GGSIP University in 2013.
2. **Paper presentation** on "Women Empowerment and Disaster Management" at 1st WDC International conference on Empowerment of Woman in the Developing world held at Shivaji college, University of Delhi from April 1st-2nd, 2013.
3. **Paper Presentation** on: "Microbial Fuel Cell: Harnessing green energy from Yamuna water" at IC-Life 2014, International Conference on Life Sciences, Informatics, Food and environment held at Jaypee Institute of Information & Technology, Noida.
4. **Poster Presentation** on: "Epilepsy: Etiology and Symptoms, Management; focusing on the elderly patients" at Epicon-2014; International conference on Epilepsy held at Khalsa College, University of Delhi from Oct 30-Nov 1, 2014.
5. **Poster Presentation** on: "Pediatric Epilepsy: Etiology and symptoms" at Epicon-2014; International conference on Epilepsy held at Khalsa College, University of Delhi from Oct 30-Nov 1, 2014 [Best poster presentation award].
6. **Poster presentation** in National Conference UMCCD-2014 on "Neurodegenerative Disorders: Molecular Mechanism of Alzheimer's disease, A Risk Factor for Epileptic seizures?" at Shaheed Rajguru College of applied Sciences for women from 29th-30th December, 2014.
7. **Poster presentation** in National Conference UMCCD-2014 on "Impact of diabetes on wound Healing: molecular and Biochemical Aspects" at Shaheed Rajguru College of applied Sciences for women from 29th-30th December, 2014.
8. **Paper presentation** on International conference at 16th world Sanskrit conference in SSC, Silpakorn, University, Bangkok, Thailand on "Curcumin: Ayurveda and its reinvention by modern science" from 28th June-2nd July, 2015.
9. **Paper Presentation** at 2nd International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on "Yoga as a therapy for Lifestyle disorders" at on 21st May, 2016.
10. **Poster Presentation** during the Research Display at the Convocation Ceremony, University of Delhi on "Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi" on 19th November, 2016.
11. **Poster Presentation** during Two day National Workshop on "Skill Development to Build A Clean India" on "E-Waste Management: Bane of Technology" at Deshbandhu College, University of Delhi on 7th -8th June, 2018.
12. **Poster Presentation** during Two day National Workshop on "Skill Development to Build A Clean India" on "Radiation Pollution: The Silent Killer" at Deshbandhu College, University of Delhi on 7th -8th June, 2018.

Cultural/Extracurricular Activities

INTERNATIONAL/NATIONAL CONFERENCES/SYMPOSIA/WORKSHOPS ORGANIZED AS ORGANIZING SECRETARY

- Organized “Biospark-98”, Annual Academic festival of Department of Biochemistry, Deshbandhu College, University of Delhi, 1998.
- Organized “Biospark”, Annual Academic festival of Department of Biochemistry, Deshbandhu College, University of Delhi, on November 4, 2004.
- Organized National Symposium on „Emerging Trends in Biotechnology“ from November 16-17 2006, Department of Biochemistry, Deshbandhu College, University of Delhi.
- Organized National Symposium on „New Frontiers in Cell Biology“, from November 21-22, 2007, Department of Biochemistry, Deshbandhu College, University of Delhi.
- Organized National Symposium on „Recent Advances in Immunology“ on January 30, 2009, Department of Biochemistry, Shivaji College, University of Delhi.
- DBT-DST-ICMR-CSIR sponsored National Workshop on "RNAomics: Isolation to Interference" in collaboration with Roche, Medox and TCGA from October 25 -29, 2010.
- International Conference on “Science Spirituality and Humanity: Transcending Discipline Barriers” in collaboration with NIDM, Ministry of Home Affairs from February 17-19, 2011.

- First WDC International Conference on "Empowerment of Women in the Developing World" organized by Women Development Cell, Shivaji College, University of Delhi in collaboration with WSDC, University of Delhi and NIDM, Ministry of Home Affairs, Govt. of India from April 01-02, 2013.
- Soft Skill training programme for Delhi Police units (annual event) at Shivaji College, University of Delhi.
- ICMR-DBT sponsored “National Symposium on Lifestyle Disorders: Understanding the Molecular Mechanisms” organized by Daprtment of Biochemistry, Shivaji College, University of Delhi from January 28-29, 2016.
- National Seminar “Nationalism: Different Strokes” organized by Department of History, Shivaji College, University of Delhi on March 20 -21, 2017.
- National Conference “Many Patriarchies, Many Positionalities: Re-interrogating Gender in Narratives from North-East India” organized by Department of English, Shivaji College, University of Delhi on February 15-16, 2017.

Signature of Faculty Member