




Shivaji College Faculty Details Proforma

Title	Dr	First Name	NEENA	Last Name	KHANNA	Photograph
Designation	ASSISTANT PROFESSOR					
Address	SHIVAJI COLLEGE, UNIVERSITY OF DELHI, Mahatma Gandhi Marg, Shivaji Enclave, Raja Garden, New Delhi, Delhi 110027					
OfficePhone No.	25116644					
Residence	B-16/5, GROUND FLOOR, DOUBLE STOREY, RAMESH NAGAR , NEW DELHI- 110015					
Mobile	7428711177					
Email	neena18khanna@gmail.com					
Web-Page						
Educational Qualifications						
Degree	University/Institute				Year	
Ph.D.	S.N MEDICAL COLLEGE, AGRA UNIVERSITY				1992	
M.Phil./M.Tech.						
PG	AGRA UNIVERSITY				1988	
UG	AGRA UNIVERSITY				1986	
Any Other Qualification						
Career Profile						

1. Working as Permanent Assistant Professor in Shivaji College w.e.f 26.06.2006
2. Worked as a Adhoc Lecturer in chemistry in the Kirorimal College, Delhi University w.e.f 29th July 2003- 26 Nov 2005
3. Worked as Adhoc lecturer in chemistry, Agra college, Agra, for the period of one year in Self finance scheme(2002-2003 March)
4. Worked as a Temporary Lecturer in Chemistry in Deshbandu College, Delhi University, Kalkaji (29th Jan 01-Feb 02)
5. Worked as Guest lecturer in chemistry in Deshbandu College, Delhi University, Kalka ji (2001 sep – 2001 Jan)
6. Worked as a part time lecturer in Chemistry in Shivaji College, Delhi University, New Delhi (9 Nov 1999-Sep 2000)
7. Worked as Guest lecturer in Chemistry in Deen Dayal Upadhayaya College, Delhi University, Karampura, New Delhi(September 1998- March 1999).
8. Worked as a Guest lecturer in Maitreyi College, University of Delhi for the period of four months, Dec 2005- March 2006
9. Worked as a Research associate in an ICMR research project entitled, " Effect of Aspirin on Biliary Mucin" at AIIMS, New Delhi- 110029 since April, 1998-September 1998 and also worked as Research Assistant from 6th August 1996 to March 1997. In this project we isolated Biliary mucin from gallbladder bile using seph rose- 4B get exclusion chromatography after diafiletring gallbladder bile. Total protiens using Bradford's method and glycoprotein using PAS- Schiffs method were measured in the eluates. The isolated mucin in further purified using CSSI, density gradient and its purity was confirmed by SDS- Page. This purified mucin was tested for its binding capacity and affinity to cholestrol and Phosphatidyl choline using rapid filtration binding assay. The model bile containing tracer quantities of c- cholesterol and H- Phosphatidyl choline is used in rapid filtration binding assay and the binding was further confirmed using sucrose density ultrafiltration. Levels of Salisylated were also measured in this study using chemical assay.

Administrative Assignments

1. Worked as (N.C.C) incharge for girls wings in Shivaji college w.e.f Oct 2007 to Oct 2008
2. In College teacher Association. Worked as a Treasurer for one year.
3. Worked as a convener in college Magazine committee from 2018 to 2019

Areas of Interest/Specialisation

Organic Chemistry

Subjects Taught

Organic Chemistry

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

Publications:-

1. Yashowardhana Sangita and Neena Sethi (1993) Serum glycolytic enzymes in carcinoma cervix Acta ciencia Indica xix: 75
2. Sethi Neena and Pant M.C. (1993) Biomedical effects of feeding juice of citrus aurantifolia on blood sugar and lipids in the albino rabbits- Accepted in Acta ciencia Indica.
3. Research Paper on the Study of New synthesized Cerium(IV) Iodoarsenate: An Inorganic Cation- Exchanger and its Applications, published in International Journal of Scientific and technical advancements, Volume 3, Issue 1, pp. 21-25, 2017.
4. Synthesis and Characterization of Cerium(IV) Arsenomolybdate Cationic Exchanger, published in Asian Journal Of Chemistry, Vol 29, No 7 (2017), 1533-1537
5. Biochemical Synthesis of coumarin glycosides: A review, published in the journal of Indian Chemical Society, Vol 97, February, 2020, pp. 117 – 134.

Conference/Seminar/Faculty Development Programme/Workshop

1. International Symposium on AIDS and Hepatitis held on Jan 9-12, 1997 at AIIMS, New Delhi, India.
2. 1st National workshop organized by Indian Association at Blood Banks on Blood Banking and safe blood held on April 12-14-1997 at Indian National Science Academy, New Delhi, India.
3. Workshop on Quality control in hospital laboratories held on April 26-27-1997 in the Department. Of Gastroenterology and Human nutrition, AIIMS, New Delhi, India.
4. Symposium on Emerging Trends in Chemistry held on 20th and 21st December 2004 at Kirori mal college, Delhi University, New Delhi, India.
5. Seminar on Quality system, Mutual recognition arrangement and world trade organization on present Indian Scenario, Organized by Indian Society of analytical Scientists (ISAS)- Delhi chapter held on 23rd January 2004 at National Physical Laboratory, New Delhi.
6. Workshop in Green Chemistry held on 9th May 2009, AT Guest house, University of Delhi, organized by department of chemistry, University of Delhi.
7. Participated in ILL workshop (9 ties II) In Shivaji College, (8 Jan- 14 2010) in ICT workshop for capacity Building of Delhi University faculty.
8. National workshop on Rate of Analytical Techniques in industry held on January 21-22, 2010 at conference centre and K.M college, Delhi University.
9. National Conference on recent Advances in Pure and applied Chemistry held on 28th -29th

- December 2010, organized by Dr. B.R Ambedkar centre for Biomedical Research, University of Delhi.
10. National Seminar on role of analytical techniques in biological and environmental, held on Jan 27-29- 2011 at conference centre and Kirori mal college , university of Delhi.
 11. Workshop on Theory and Practical course- Biochemistry and Environmental Chemistry, BSc. (H) Chemistry (CHHT514 & CHHP514) in the department of chemistry, University of Delhi from 2nd -7th July 2012
 12. Participated in National workshop on 5-6 Oct, 2012 at Kirorimal college , DU
 13. Participated in the workshop on Science and Life from June 21 to June 22, 2013
 14. Poster presentation on Convenient Route to Beta- C- Glycosides: Synthesis of Sugar – PEG based Amphiphiles for Encapsulation of Non – Polar Drugs in the International Conference on Nascent developments in chemical sciences: Opportunities for Academia – Industry Collaboration, October 16- 18, 2015. Organized by department of chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan
 15. Participated in 30th Carbohydrate Conference CARBO- XXX held at Puducherry University organized by the department of chemistry in December 29 – 31, 2015
 16. Poster presentation in the National Conference in Chemistry on “ Environment and Harmonious development” organized by department of Chemistry, Shyamlal College, Delhi University, from April 07 to 08, 2016
 17. Contributed as a resource person in the Lab Skill Training workshop organized by Shivaji College from 10th July to 14th July, 2017
 18. Completed the two week (Ten days) Faculty Development Programme entitled “ e- Learning Pedagogy and ICT Tools in Higher education” organized by Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, University of Delhi on 26th November – 7th December 2018.
 19. Contributed as Resource person for Preparation of Standard solution in Inter college Laboratory Skill Training Programme for Assistants/Attendants in chemical and Life science Laboratories organized by Shivaji College, University of Delhi, from 27th November- 3rd December, 2019
 20. Contributed as an Organizer of the RASTANTRUM 2019- The annual festival of department of chemistry organized by Shivaji College, University of Delhi on 21st October 2019.
 21. Contributing as a Resource person in the Intra- college Laboratory Skill Training Programme for Assistants/Attendants in the chemical & Life science laboratories organized by Shivaji college, University of Delhi from 20th to 24 May , 2019C-2020)
 22. Summer Training under DBT Star College Scheme, on the topic “Distillation , solvent Extraction and Column Chromatography” organized by the department Of chemistry, Shivaji College, University of Delhi from 04.07.2019 to 10.07.2019.
 23. Poster presentation in 2nd National Conference on Emerging Trends and Future Challenges in Chemical Sciences(ETFC 2020), 10 and 11 January 2020 Organized by department of chemistry, Kirorimal College, University of Delhi.
 24. Organizer in the National Conference on Relationship between chemical science and society (RCSS-2020) organized by department of chemistry on 16th- 17th January 2020.
 25. Resource person in the National Conference on Relationship between Chemical sciences and society(RCSS-2020) organized by department of chemistry on 16th- 17th January 2020.

Research Guidance (<i>Supervision of Doctoral Thesis/Dissertations</i>)
Awards and Distinctions
Memberships
Other Academic Activities
<ol style="list-style-type: none">1. Participated in a four week orientation course from 20th December, 2006 to January 24, 2007 in CPDHE, University of Delhi.2. Participated in refresher course in Chemistry from Feb 15, 2010 to March 9, 2010, organized by CPDHE, ILL, University of Delhi.3. Participated in refresher course in Chemistry from 14TH Feb 2011 to 8th March 2011, organized by CPDHE(Institute of Life Long Learning) UGC.

Cultural/Extracurricular Activities

Neena Khanna

Signature of Faculty Member