




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Anita	Last Name	Kapur	Photograph
Designation		Associate Professor				
Address		Department of Botany, Shivaji College, Raja Garden, University of Delhi Delhi-110027				
Office Phone No.						
Residence						
Mobile						
Email		anitakapur52@gmail.com				
Web-Page						
Educational Qualifications						
Degree	University/Institute			Year		
Ph.D.	University of Delhi			1984		
M.Phil./M.Tech.	University of Delhi			1979		
PG	M.Sc. Botany, University of Delhi			1978		
UG	B.Sc. Botany, University of Delhi			1976		
Any Other Qualification						
Career Profile						
Dr. Kapoor has teaching experience of over 35 years and has been actively involved in administrative capacity in Shivaji College as well.						

Administrative Assignments

- Vice-principal, Shivaji College, Raja Garden (2014-till date)
- Convener, NAAC Committee, Shivaji College
- Co-Convener, Academic Committee (2017 onwards)
- Convener, Admission Committee (2012-13, 2013-14, 2016-17, 2017-18)
- Convener, Workload Committee (2012-13, 2013-14, 2016-17, 2017-18)
- Co-ordinator, Internal Assessment Committee
- Member, Screening Committee for promotion (2016)
- Member, Upraisal Committee (2015-16, 2016-17, 2017-18)
- Member, Building Committee (2014 onwards)
- Member, Women Development Cell
- Member, Garden Committee
- Member, Development Committee
- Member, Library Committee
- Member, Canteen Committee
- Junior Teachers' Representative, Governing Body, Shivaji College
- Appointed as Teacher-in-charge of Botany department for several years

Areas of Interest/Specialisation

Archegoniatae, Biodiversity

Subjects Taught

Archegoniatae, Biodiversity, Cell Biology, Molecular Biology, Physiology, Plant Metabolism, Ecology, Anatomy

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

2013-14: Project investigator of "Biochemical Assessment of toxic heavy metals in bacterial strain growing the polluted water: A step towards bioremediation" funded by University of Delhi

2015-16: Project investigator of "Industrial Waste Utilization for Microbial Fuel Production" funded by University of Delhi

Publications Profile (Research Papers/Books)

1. Chopra, R. N., Kumra, P. K. and Rekhi, A. (1978) Influence Of Rhodotorula And Aerobacter On Protonemal Growth And Bud Initiation In Two Mosses. *Current Science*. Vol. 47 (19): 735-737
2. Chopra, R. N. and Rekhi, Anita (1979). Studies on protonemal differentiation and bud formation in *Timmiella anomala*. *Phytomorphology*. 29:179-84
3. Rekhi, Anita and Chopra, R. N. (1983). Effect of kinetin and cyclic 3',5'- adenosine monophosphate on bud induction in the moss *Timmiella anomala*. *New Phyto*. 94:393-99
4. Chopra, R. N. and Kapur, A. (1988). Effect of abscisic acid and kinetin on protonemal differentiation in *Timmiella anomala*. *Pl. Sci*. 61:203-06
5. Kapur, A. and Chopra, R. N. (1989). Effect of some metal ions on protonemal growth and bud formation in the moss *Timmiella anomala* grown in aseptic cultures. *J. Hattori Bot Lab* 66:283-98
6. Kapur, A. and Chopra, R. N. (1989). Studies on callus growth and differentiation in the liverwort *Mannia dichotoma*. *J. Hattori Bot Lab* 67:323-330

7. Kapur, A. (1989). Studies on protonemal differentiation and bud formation in *Timmiella anomala* I. Effects of polyamines and amino acids. *Phytomorphology*. 39:213-220
8. Chopra, R. N. and Kapur, A. (1989). The effect of some chemicals on protonemal growth and bud formation in the moss *Timmiella anomala*. *Cryptogamie, bryol.lichenol.* 10:325-336
9. Chopra, R. N. and Kapur, A. (1989). Studies on callus induction in the liverwort *Mannia dichotoma*. *Phytomorphology* 39:357-362
10. Kapur, A and Chopra, R. N. (1991). The effect of some complex organic substances on callus growth in the liverwort *Mannia dichotoma*. *Cryptogamie, bryol.lichenol.* 12:155-164
11. Kapur, A. (1991). Studies on protonemal differentiation and bud formation in *Timmiella anomala* II. The effects of cytokinins and auxins. *Cryptogamie, bryol.lichenol* 12:63-74
12. Kapur, A. and Chopra, R. N. (1991). Effect of some chemical factors on growth and differentiation of callus in the liverwort *Mannia dichotoma* grown in vitro. *J. Hattori Bot Lab* 69:107-115
13. Kapur, A. (1990). Physical factors affecting protonemal growth and bud formation in the moss *Timmiella anomala* grown in vitro. *J.Indian Bot. Soc.* 363-67
14. Baweja, R. and Kapur, A. (2016). Dairy Effluent: A source for the production of Bio-energy. *Journal of Energy Research and Environmental Technology*. 3(2): 88-90
15. Baweja et al. (2016). Analysis of food industrial effluent for the production of microbial fuel cell. *Proceedings of the National Seminar on Water and Air Quality in Urban Ecosystem.* Pp 18-20
16. 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.
17. Malik, D., Singh, S., Thakur, J., Kishore, R., Kapur, A. and Nijhawan, S. 2014. Microbial Fuel Cell: Harnessing Bioenergy from Yamuna Water. *IJSR* 3(6): 1076-1081.

Conference/Seminar/Faculty Development Programme/Workshop

- Participated in one day workshop “Ankuran” on Development of Herbal Garden organised by e-Saviours Eco Club, Shivaji College, University of Delhi on January 29th, 2015
- Participated in the International Conference on Public Health: Issues, Challenges, Opportunities, Prevention & Awareness (Public Health: 2016) organized by Daulat Ram College, University of Delhi and Krishi Sanskriti, New Delhi on January 15th -16th, 2016
- Participated in Workshop on Environmental Pollution & Health in Urban Ecosystems (EPHUE-2016) held at Department of Environmental Studies, University of Delhi on June 23rd, 2016

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

NA

Awards and Distinctions

NA

Memberships
NA
Other Academic Activities
<ol style="list-style-type: none">1. Poster Presentation on “Analysis of food industrial effluent for the production of microbial fuel cell” in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club, Shivaji College on March 22nd, 20162. Poster presentation on “Identification of microbes isolated from dairy industrial effluent” in National Conference on Combating Industrial Pollution for Sustainable Environment organized by Gargi College on September 22nd-23rd, 20163. Paper presentation on “Dairy Effluent: A source for the production of Bioenergy” in 2nd International Conference on Public Health: Issues, Challenges, Oppurtunities, Prevention, Awareness organized by Krishi Sanskriti on May 21st, 2016
Cultural/Extracurricular Activities
<ul style="list-style-type: none">• Resource Person, Soft Skills Training Programme for Delhi Traffic Police Constables from December 15th to 19th, 2014• Resource Person, INSPIRE Science Camp 2015 from December 19th -23rd, 2015

Signature of Faculty Member