




Shivaji College Faculty Details Proforma

Title	DR.	First Name	KIRAN	Last Name	BAMEL	Photograph
Designation	Associate Professor					
Address	Department of Botany Shivaji College (University of Delhi) Raja Garden, New Delhi, Delhi-110027					
Office Phone No.	011-25116644					
Residence	-					
Mobile						
Email	kbamel@shivaji.du.ac.in					
Web-Page						
Educational Qualifications	M.Sc (Botany), CSIR-UGC (NET), Ph.D (Botany)					
Degree	University/Institute				Year	
Ph.D. Botany	University of Delhi, Delhi				2003	
M.Phil./M.Tech.	-				-	
PG M.Sc. Botany	MDU, Rohtak, Haryana				1997	
UG	MDU, Rohtak, Haryana				1994	
Any Other Qualification	CSIR-UGC NET					
Career Profile						

2022 onwards: Associate Professor, Department of Botany, Shivaji College, DU, Delhi, India
 2007- 2022: Assistant Professor, Department of Botany, Shivaji College, DU, Delhi, India
 2003-2006: Lecturer, Department of Botany, (contract basis) MDU, Rohtak, Haryana

Administrative Assignments

Teacher-in-charge, Department of Botany, Shivaji College for the session April 1, 2019 - April 30, 2020 (CCL: 13th Jan 2020 -25th Feb, 2020)
 Admission In-charge
 B.Sc. (Hons) Botany- July' 2019 B.Sc. (P)
 Life sciences- July' 2018
 IQAC member From session 2014- 15 to 2019-20
 NAAC criteria II Head 2020 till date
 Convenor, College Grievance committee for UG admissions 2021 & 2022

Areas of Interest/Specialisation

Physiology and Biochemistry of Plant Growth & Development
 Molecular Biology of Abiotic Stress in Plants
 Neurotransmitters in Plant Signaling

Subjects Taught

At post-graduate level (M. Sc. Botany):
 Plant Biotechnology
 Plant Systematics
 Plant Resource Conservation and Utilization
At undergraduate level (B. Sc. Hons Botany, B.Sc (P) Life Sciences):
 Plant Biotechnology
 Genetics
 Genetics and Genomics I & II
 Molecular Biology
 Plant Physiology
 Plant Metabolism
 Plant Systematics
 Plant Biochemistry and Metabolism
 Analytical Techniques in Plant sciences
 Ecology
 Environment Sciences (B. A. Prog in Annual mode)

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

Innovation Project - 2

2014-15, code: SH 204 (Completed) Water Harvesting Techniques for Development in Nagaur District, Rajasthan

2015-16, code: SH 313 (Completed) "Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi"

Intramural Research Scheme of Research Cell Shivaji College- 2

MRP/2020/0001

"Yield Estimation of Baby Corn (*Zea Mays* L.) using Mathematical Modelling" (Completed)

MRP/2022-23/0003

"Impact of elevated temperature on the seed germination of medicinal plants (*Catharanthus roseus* and *Trigonella foenum-graecum*)" (Ongoing)

Extramural Research Project-

DEVELOPMENT OF DNA BARCODES FOR (UNANI) MEDICINAL PLANTS IN INDIA sanctioned and funded by CCRUM (AYUSH) Government of India. (Ongoing)

Publications Profile (Research Papers/Books)

Research Papers in Journals- 21

Book chapters- 8

Conference/Seminar/Faculty Development Programme/Workshop

Conference/Symposium 7

Seminar/ Webinars 6

Faculty Development Programs/Refresher course/Orientation Programs-12

Workshops 15

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

Ph. D – 2 ongoing

Awards and Distinctions

Gold Medal in M.Sc Botany 1997
 CSIR fellowship (JRF: 1998-2000; SRF: 2001-2003)
 Best Innovative Idea Award in Antardhwani, DU - 2015
 Teaching Excellence Award for Innovation, DU - 2015
 Certificate of Most Significant Societal Impact for Project SHC-313, DU – 2017

Memberships

DUBS

Other Academic Activities

AS CONVENER:

Convenor, of a one day Workshop on “Algae and Microbiology” 2019, at Department of Botany, Shivaji College, University of Delhi in collaboration with CCUBGA, division of Microbiology, ICAR-Indian Agricultural Research Institute, New Delhi on October 1st, 2019.

Convenor, of a one day workshop on “Plant Physiology” 2019, at Department of Botany, Shivaji College, University of Delhi on 24th September.

Convenor, of a one day Seminar on “Traditional Knowledge and Recent Trends in Plant Sciences” 2019 at Department of Botany, Shivaji College, University of Delhi on 27th August.

Convenor for an Awareness Workshop cum Outreach Programme “Floristic walk” on 30th June 2019, for the children of Commonwealth Games Village to generate awareness about the local vegetation.

Convenor in ‘Beginners hands-on Bonsai workshop’ held on November 2, 2018 organised by Garden Committee, Shivaji College, University of Delhi, Raja Garden, New Delhi – 110027.

AS RESOURCE PERSON:

Resource person for an Awareness Workshop cum Outreach Programme 'Floristic walk' for the children of Commonwealth Games Village to generate awareness about the local vegetation on 30th June, 2019.

Resource person, Inter College Laboratory Skill Training Programme for Assistant/Attendants in Chemical and Life Science Laboratories 2019 at Shivaji College, University of Delhi on 27th November to 3rd December, 2019.

Resource Person for ‘Summer Training Programme on Microscopy and Herbarium Techniques’ for students organized by Department of Botany, Shivaji College, University of Delhi under DBT sponsored Star College Scheme, held from June 21- July 19, 2019.

Resource person for a five day, Intra College, Laboratory Skill Training Programme For assistant /Attendants in The Chemical And Life Sciences Laboratories Under DBT, Star College Scheme of Shivaji College from May 20-24, 2019. Resource person in INSPIRE Science Camp 2018 held from July 16-20, 2018 at Shivaji College, University of Delhi. Resource person in the Workshop entitled

“3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Resource person in the Workshop for Laboratory Attendants /Assistants in Chemical and Life Sciences organised by Shivaji College from 10-14 July, 2017.

Resource person in the INSPIRE Science Camp held at Shivaji College, University of Delhi, Delhi, 2016. Resource person in the INSPIRE Science Camp held at Shivaji College, University of Delhi, Delhi, from 19-23 December 2015.

Resource person in a National Seminar organised by a Women Cell on Gender Sensitization: Different aspects in Present Scenario held at Govt College for Women, Hisar (KU) on 13th February, 2014. Judge for the Annual Inter School Science Fest Accolades 2015-Innovations at Venkateshwar Global School, Delhi.

Resource person in the Workshop for Laboratory Attendants /Assistants in Chemical and Life Sciences organised by Shivaji College from 16-18 July, 2014. Organized a 3- Day Educational Excursion with B.Sc (Hons.) and B. Sc. (P) Life Science students, to Dehradun and Chakrata from 19-21st October, 2019

ORGANIZING COMMITTEE MEMBER: Organized a visit of B. Sc. (Programme) Life Sciences students to Department of Microbiology and Blue Green Algae division at IARI, Delhi, 2017. Organized a visit of B. Sc. (Hons) Botany and B. Sc. (Programme) Life Sciences students to Yamuna Biodiversity Park, Delhi, 2016.

Organized a One Day Workshop "Ankuran" on Development of Herbal Garden with other faculty members under the Eco-Club on 29th January, 2015. Organized Visit to Tilyar Lake Resort with other faculty members, under the Eco-Club, 2014.

Organized Planet keRakhwale Take Back and Recycling Campaign in the college with other team members under the Eco-Club.

Organized visits for B. Sc. (Hons) Botany and B. Sc. (Programme) Life Sciences students to Yamuna Biodiversity Park, Delhi, 2007-2009.

Organized visits for B. Sc. (Hons) Botany 2nd year students to Seed Bank, Molecular and Biotechnology laboratories at NBPGR, Pusa Campus, Delhi from 2007-2010.

Cultural/Extracurricular Activities

Signature of Faculty Member