

FACULTY PROFILE PROFORMA

Title	FirstName	LastName	Photograph
Dr.	Kalpana	Kumari	
Designation	Assistant Professor		
Department	Botany		
Address (Official)	Botany Department Kalindi College, East Patel Nagar New Delhi-110008		
Phone No.	011-25787604		
Email	Kalpana082008@gmail.com		
Education			
Subject	Institution	Year	Details
Ph. D.	Vikram University, Ujjain, Madhya Pradesh	2006	"Ecological Assessment and Utilizing potential of Fly Ash in certain vegetable crops"
M.Phil	Vikram University, Ujjain, Madhya Pradesh	2000	"Response of Maize Cultivars against Sulphur Dioxide Concentration in Open Top Chamber"
B.Ed.	Vikram	2007	

	University Ujjain, Madhya Pradesh		
'O' Level Computer course	Department of Electrical Engineering, B.I.T.Sindri Jharkhand	1995	
M.Sc.	Ranchi University, Ranchi Jharkhand	1994	Botany

Career Profile

Organisation/Institution	Designation	Duration	Role
Kalindi College	Assistant Professor	2009- Till Date	Teaching

Research Interests/Specialization

Ecology and Environment Management

Monitoring and analysis of air water and soil samples, Environment Impact Assessment

Plant Physiology

Medicinal Botany

Administrative Assignments / Contribution to corporate life

- **Teacher In Charge, Department of Botany, (2015-2017)**
- **Teacher In Charge, Department of Botany, (2011-2013)**
- **Admission In charge Botany Honors (2017- 2018)**
- **Admission In charge B.Sc. Life Sciences (2010- 2013)**
- **Convener of O.B.C. verification committee(2013- 2014)**
- **Admission in Charge and in grievances committee for differently abled**

students (2013-2017)

- **Convener , Biochemical Society, Organised by Department of Botany, Kalindi College,(2010-2011)**
- **Convener , Biochemical Society Festival TULIP-2017, Organised by Department of Botany, Kalindi College,(2016-2017)**
- **Convener Golden Jubilee Festival CYATHIUM-2017,Organised by Department of Botany, Kalindi College,2016-2017**
- **Convener for observing National Science Day on 28th February 2017 for persons with disabilities**
- **Coordinator , Equal Opportunity Cell(July 2010 to Nov. 2016)**
- **Convener Scholarship Committee, 2010**
- **Member, Equal Opportunity Cell (Nov. 2016-till date)**
- **Member Scholarship Committee, 2011-2020**
- **Member Magazine Committee2010-2016**
- **Member Building Committee March 2017-till date**
- **Convener Magazine Committee for Sciences2016 -2021**
- **Liaison Officer for Persons with Disabilities 2016-2020**
- **Member Moderation Committee Department of Botany, Kalindi College 20110-till date**
- **Teacher Representative in Governing Body,Kalindi College,2017-2018**
- **Admission In charge 2017-2018 B.Sc. Botany Hons(CBCS)**
- **Convener Collage Making Lahrein-2018**
- **Co Convener Collage making Lahrein 2019**
- **Convenor: Teacher's Feedback Committee 2020 till date**
- **Member: Prizes Committee, Annual Day 2017-2021**

Teaching Experiences (Subject/Courses taught)			
<ul style="list-style-type: none"> ●B.Sc. Applied Life Sciences (Environmental Science and Botany) ●B.Sc. Applied Physical Science (Botany) ●B.Sc. Life Sciences (Botany) ●B.Sc. Physical Sciences (Botany) ●FYUP Botany Hons. (Botany) ● B.Sc.(CBCS) Life Sciences (Botany) ●Science, Humanities and Commerce (Environment Studies) ● B.Sc.(CBCS) Botany Honours 			
Research Guidance			
Nil			
Publication (Peer Reviewed/Indexed Journals)			
Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	Co-Author
2002	“Impact of climatic variability and climate change on soil and crop productivity	Science and culture Page no. 233-243 ,volume 68, number 9-12 Sept- Dec. 2002 ISSN NO 0036-8156	Dr. Naveen Kalra et. All.
2003	“Effect of Fly Ash on Growth and Nutritional Status of Spinach	Proceeding 3rd International Conference on Fly Ash utilization and Disposal, New Delhi	Dr. P. S. Dubey
2015	Utilizing Potential of Fly Ash in Growing <i>Solanum Melongana</i> L.	Contemporary Science Deen Dayal Upadhyay College ,New Delhi	Dr. P. S. Dubey
2016	Mahakavi Kalidas rachit natak 'Abhigyanshakuntala	Proceeding :Theatre and Dramaturgy in Modern Perspective	NA

	m' mein paryavaran pradarshan evam sanrakshan	Kalindi College, Delhi	
2021	Guduchi: as a Healthy Ageing Medicinal Plant,	Journal Juni Khyat (UGC Care Group I Listed Journal), ISSN: 2278-4632, Vol-11, Issue-01, No.02, Page No 159 to 162	NA
2021	Vedon me Vanaspati Vigyan -Aoushadhi Poudhon ke Vishesh Sandarbh me”	International Journal of Sanskrit Research ‘Ananta’, Vol 7, Issue 1, ISSN 2394-7519, Page No.13 to 16	NA
2021	“Mahilaon ke Sashaktikaran me Samajik Media ki Bhoomika”	Yearly Academic Journal, kalindi College, University of Delhi	NA

Seminar/Workshop/Conferences Presentation/Organisation

WORKSHOP ATTENDED

- **ICT Workshop for Capacity Building of Delhi University Faculty held from 16th April 28th April 2010 at Kalindi College, University of Delhi.**
- **Workshop on “Assistive Technologies” held from 28th June to 1st July 2010 conducted at the DU-NTPC Foundation ICT Training Centre by the Equal Opportunity Cell of the University of Delhi.**
- **Workshop on “Bioinformatics: Unravelling Genes and Proteins” held from 10th May to 15th May 2010, organized by the DS Kothari Centre for Research and Innovation in Science Education, Miranda House, University of Delhi.**
- **Workshop on “Fundamentals of Bioinformatics” held from 26th September to 30th September, 2011 organized by the Department of Botany, Ramjas College at the Institute of Lifelong Learning, University of Delhi.**
- **Workshop on “Environmental Issues in India” held from March 16 & 17, 2012 organized by Institute of Lifelong Learning, Department of History and Indrapastha College for woman University of Delhi.**

● **Workshop on "Biofertilizer"** organised by Department of Botany, Zakir Hussain College, held on 14th and 16th July, 2016

● **Workshop on ECOLOGY: MODERN PERSPECTIVES** Organized by IQAC and Department of Botany, Hansraj College Under the aegis of DBT Star College Programme held on 12th and 13th December, 2016

SHORT TERM COURSE

● **One week Faculty Development Programme on "Biostatistics: Theoretical and Practical Aspects"** jointly organized by Department of Mathematics and Department of Botany, Deen Dayal Upadhyaya College, University of Delhi, New Delhi, held on 14th to 18th March 2018

● **One week Course on Research Methodology** organized by Centre for Professional Development in Higher Education, University of Delhi, New Delhi, held on March 20th to March 26th 2018.

● **one week Course on Gender Sensitization** Organised by UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi 23rd July to 28th July 2018

● **Two week FDP on "Samkalin Sandarbh me Sahitya, Rajniti, Media aur Bajar** from 27th July to 10th August 2020, organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching and IQAC Kalindi College

● **One week FDP on "ICT Enabled Teaching Learning"** from 7th to 13th September organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching

● **One week FDP on "Advanced Pedagogical Studies"** October 29 to November 05, 2020, organized by Teaching Learning Centre, Ramanujan College, University of

Delhi under the aegis of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching

● **One week FDP “Innovation in Scientific Research method” 14 to 18th October 2020, organized by Kirorimal College under the aegis of DBT star College Scheme 2019 to 2022**

● **Two week FDP on “Blended Learning: Alternative Dimensions” January 12 to 29 2021 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching from**

PARTICIPATION IN CONFERENCE AND SEMINAR

● **Training “ System Analysis and crop Growth Simulation in Agriculture”**

30 March to 29 April 2003 UASS IARI Pusa New Delhi, 2003

● **National conference on “Advances in Biotechnology” 4th to 5th Feb, 2013,**

Deen Dayal Upadhyay College University of Delhi

● **Training And Awareness Program on “Intellectual Property Rights” on 2nd November, 2014 at New Delhi organized by the controller general of patents, Designs and Trademarks, Deptt. Of Industrial Policy and Promotion, Ministry of Commerce and Industry, Govt. of India together with Federation of Indian Chambers of Commerce and Industry**

● **National Seminar on “Relevance of Medicinal Plants in 21st Century”, February 10-11, 2015**

organized by Ramjas College, University of Delhi, Delhi-110007

● **Participated in BIOTIKOS 2016 "National Symposium on Nanobiotechnology**

on 31st March-1st April TERI University New Delhi

Webinar Organized:

● **Convener of webinar on topic “Biodeterioration and Conservation of Heritage Surfaces” on 17th December 2020**

**Speaker: Dr Aditya Prakash Kanth Assistant Professor, Programme Chair
Centre for Heritage Management, Ahmedabad University, Central Campus,
Navrangpura, Ahmedabad 380 009, Gujarat**

Webinar Participated:

- **National Webinar on “Enhancing Quality in OBE Evaluation” on 16th June 2021 organised by IQAC, Janki Devi Memorial College, University of Delhi**
- **National Webinar on “Humanity’s Call, Vaccine for all Geopolitics of Vaccine Access, R&D and manufacturing” held on 23rd June 2021 organised by Department of Physics, Kalindi College, University of Delhi**
- **Webinar on “Prachin Vaidik Sanskar-Vidhan evam Adhunik Sandarbh” held on 28th June 2021, organised by Sanskrit Department and Pandit Ganganath Jha Peeth, Allahabad University, Prayagraj**

ORIENTATION AND REFRESHER COURSE

- **Orientation -9 Duration December 13,2011-January 09, 2012, organized by Centre for Professional Development in Higher Education Institute of lifelong learning, University of Delhi**
- **19th Refresher Course in Environmental Sciences organized by the Academic staff College, Jawaharlal Nehru University, from 10-02-2014 to 07-03-2014**

PRESENTATION OF PAPER

(A) NATIONAL CONFERENCE/SEMINAR

- **2016 "Current Scenario of Fly Ash Utilization in Urban India" On UGC Sponsored National Seminar on "Environmental Ethics, Resource Depletion and Sustainable Development" held on 25th and 26th February Kalindi College, University of Delhi**
- **2016 "Vartman Samay mein Aadhunik Shikshan Taknik aur Hindi" on UGC Sponsored National Seminar on "Madhyakalin Sahitya Shikshan ki Chunoutiyan"" held on 10th and 11th March, Kalindi College, University of Delhi**

●2016 "Fly Ash- Issues and Challenges" on UGC sponsored National Seminar on "Emerging Economics and Challenges to Sustainability Towards Developing Nations" held on 29th-30th March Sir Aurbindo College, Morning, University of Delhi

●2016"Mahakavi Kalidas Rachit Abhigyanshakuntalam mein paryavaran pradarshan evam Sanrakshan"on UGS sponsored National Seminar on "Theatre and Dramaturgy in Modern Perspective"held on 10th to 11th August,organised by Department of Sanskrit, Kalindi College, University of Delhi, Delhi

●2017"Timospora an Excellent Medicinal Plant" on DST sponsored National Seminar on "A Paradigm Shift Towards Empowerment of Women", held on 3rd-4th February,organised by Science Departments, Kalindi College, University of Delhi, Delhi

●2017 "Role of Higher Education in Women Empowerment In India" in National Seminar held on "Women's Rights and Responsibilities inProgressive India: A Discourse" Sponsored by All India Journalist Welfare Association held on 23rd and 24th March and Organized by Department of Journalism Kalindi College, University of Delhi

●2019 "Urbanization":A major Issue in India in National Conference held on "Urban Environmental Sustainability" February 07th to 08thJointly organized by Zoology Department, Kalindi College, University of Delhi&Mahatma Gandhi Institute of Combating Climate Change (MGICCC), Govt. of NCT, Delhi

●2019 "Kalidasa's Literature and Biodiversity Conservation" in National Con held on Multi-Dimensional Aspects of Sanskrit and Larger World held on February 15th to 17th Jointly Organized by Sanskrit Department,Jamaia Milia Islamia New Delhi and Rashtriya Sanskrit Sansthan, New Delhi and Bhartiya Darshnik Anusandhan Parishad, New Delhi

(B)INTERNATIONAL CONFERENCE/SEMINAR

●2003"Effect of Fly Ash on growth and nutritional status of Spinach 3rd International Conference on Fly Ash utilization and Disposal held on 19th to 21st February, organized by Central Board of Irrigation and Power, New Delhi, Delhi India.

●2016 "Vedon mein Vanaspati Vigyan,oushadhi Poudhon ke Vishesh Sandarbh mein" in the 12th International Conference of WAVES 2016 on Scientific Aspects of Vedic Knowledge held on 15th to 18th December, at Bhartiya Vidya Bhawan,New Delhi,India

●"Biofertilizer:A boon for Sustainable Agriculture" in International Conference held on "Spatial Decision Support Systems for United Nations Sustainable Development Goals"Sponsored by DST and Ministry of Earth Sciences held on 1st and 2nd February,2017and organized by Department of Geography,Kalindi College, University of Delhi, India

●2017"Abhigyanshakuntalam mein warnit Vanaspatiyon mein Jivan Moolya" in the International Seminar "Sanskrit Literature and Human Value" held on 2nd and 3rd March, organized by Sanskrit Department Kalindi College, University of Delhi, New Delhi, India

●2017"Social media evam Hindi-samikshatmak Adhyayan" in the International Seminar " Social media mein Sahitya ka Badalta Swaroop"held on 9th and 10th March, organised by Hindi Department Kalindi College,University of Delhi, India

Awards & Distinctions

NATIONAL AWARD- 2012 (Received by Hon. President Mr, Pranab Mukherjee)

Public Service/ University Service/ Consulting Activity

DESIGN OF COURSES

●Member in Revision Committee of the syllabus for B.Sc.(P) Applied Life Sciences (Environmental Sciences) held on October 21, 2011 at Department of Environmental Studies, University of Delhi.

● Joint Examiner in the paper ES301, Environmental Concerns and Health of the course B.Sc. Applied Life Sciences(Environmental Science Part III on 30/03/2012.

- **Joint Examiner in the Paper Biofertilizer (SEC) for the Course B.Sc. Life Science (CBCS) Semester III in the session Nov./Dec.2016**
- **Joint Examiner in the Paper Morphology and Anatomy of Angiosperms for B.Sc.(Hons) Botany Erstwhile FYUP Nov./Dec.2016**
- **Joint Examiner in Paper LSPT 615 Ecology and Environmental Management for B.Sc. (P) Life Science Semester VI in the session April/May 2017**

Professional Societies Memberships

Indian Journal of Soil Science Life Member

Projects (Major Grants/ Collaborations)

Other Details