



Multanimal Modi College

Modinagar-201204 (U.P.)

(Affiliated to Ch. Charan Singh University, Meerut)
(For Teaching Staff)

Title	Dr.	First Name	Basudha	Last Name	Sharma	Photograph
Designation		Associate Professor				
Department		Botany				
Address (Campus/Department)		Department of Botany, Multanimal Modi College Modinagar				
(Residence)						
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Web-Page						

EDUCATIONAL QUALIFICATIONS

Subject	Institution	Year	Details
Ph.D.	University of Delhi	2013	Structural, biochemical and elemental analyses accompanying stigma maturation and early post pollination events in sunflower
B.Ed	University of Delhi	1998	Biology, Chemistry
M.Sc.	University of Delhi	1999	Botanany
B.Sc.	University of Delhi	1996	Botany, Zoology, Chemistry
XII	International School Bangkok	1993	Biology, Chemistry, Physics, English, Math
X	International School Bangkok	1991	English, Maths, Science, History, ss

CAREERPROFILE

Organisation/ Institution	Designation	Duration	Role(s)
Multanimal Modi College	Lecturer	2001-2007	Teaching
Multanimal Modi College	Senior Lecturer	2007-2014	Teaching
Multanimal Modi College	Associate Professor	2014-Present	Teacher-Incharge, Teaching

Research Interests/Specialization: Plant Physiology

Analytical Chemistry

Teaching Experience(Subjects/Courses Taught):

1. Biology and diversity of Algae and Bryophytes
2. Fungal Biodiversity and plant pathology
3. Plant water soil relations, Growth and development
4. Plant biodiversity and conservation

Orientation Courses/Refresher Courses/FDP:

Training Course, RC, OC				
S. No.	Programme	Duration	Organized by	Any other
1.	Orientation course	18-2-2003 to 19-3-2003	ASC Jamila Milia Islamia	
2.	Refresher course	20-12-2005 to 9-1-2006	CPDHE, University of Delhi	
3.	Refresher course	4-3-2013 to 28-3-2013	ASC, JNU, Delhi	
4.	Refresher course	27-1-2015 to 20-2-2015	ASC, JNU, Delhi	

Honors & Awards:

Junior Research Fellow (2000) in Life Sciences by Council of Scientific and Industrial Research (HRD Group)) New Delhi.

Teacher fellowship Award (2008-2011), University Grants Commission, Multanil Modi College, Modinagar, and CCS University Meerut.

Best Poster Award in Life Sciences for poster entitled “ Structural and elemental .. in sunflower” in International conference on Electron Microscopy and XXXV Annual Meeting of Electron Microscope Society of India (EMSI) July 9-11, 2014.

Best TEM Micrograph Award in Life Science in International conference on Electron Microscopy and XXXV Annual Meeting of Electron Microscope Society of India (EMSI) July 9-11, 2014.

Excellence in Teaching Award-2015, in International Conference on Innovative Approaches in Applied Sciences and technologies, Kasetsart University Bangkok, by Scientific Educational Research Society Meerut India.

UGC Minor Project (2015-2017)- Study of flavonoids present in pollen and stigma of sunflower.

Publications(Last FIVE(05) Year Publications,

Year of Publication	Title	Journal/Book(s)	Co-Author(s)
2022	Evaluation of growth pattern and biochemical components of <i>Chlamydomonas reinhardtii</i> Dangeard	Plant Science Today	

2019	An analysis of flavonoids present in the Inflorescence of sunflower	Brazilian Journal of Botany	
2018	Light and Scanning Electron Microscopic Studies and Energy DispersiveX- Ray Analysis (EDAX) of Stigma in Sunflower.	Journal of Emerging Technologies and Innovative Research	
2017	Role of Reactive Oxygen Species in Plant Reproduction	International Journal of Education and Science Research Review	
2017	A Review on Synthesis and Application of Nanoparticles:	International Journal of Trend in Research and Development	
2017	Signaling Molecules in Receptive stage of flowering plants.	International Journal of Research and Analytical Reviews	

Conference Presentations: National / International

Paper Presented in Conferences/Seminars/ Workshops/Symposia						
S. No.	Title of Paper Presented	Title of Conference, Seminar etc.	Organized by	Date	National/International	Any other
1	Algal growth, proteins and lipids profile in Chlamydomonas reinhardtii”	4 nd INTERNATIONAL CONFERENCE ON INNOVATIVE APPROACHED IN APPLIED SCIENCES AND TECHNOLOGIES	MAHSA University, Kuala Lumpur, Malays and Scientific Educational Research Society	25-29 June, 2019	INTERNATIONAL	
2.	Varied Biochemical in pollen and stigma of sunflower”	2 nd INTERNATIONAL CONFERENCE ON INNOVATIVE APPROACHED IN APPLIED SCIENCES AND TECHNOLOGIES	Nanyang Technological University Singapore and Scientific Educational Research Society	19-23 June, 2017	INTERNATIONAL	

			CHED IN APPLIED SCIENCE S AND TECHNOLOGIES				
3.	Role of women scientist in independent India	NATIONAL SEMINAR ON THE CREATIVE REVOLUTIONARY ROLE OF WOMEN IN INDEPENDENT INDIA	KM. Mayawati Govt. Girls PG College, Badalpur (G.B. Nagar)-	10-11 December , 2016	NATIONAL		
4	Biochemical composition of stigma in sunflower	INTERNATIONAL CONFERENCE ON GLOBAL INITIATIVES IN APPLIED SCIENCE S AND GREEN TECHNOLOGIES	at SRM University Delhi-NCR Campus, Modinagar, Ghaziabad-UP	(9-11 September, 2016),	INTERNATIONAL		

Total Publication Profile: Books Book(s)

S.No	Title of Book(s)	Publisher and year
1.	The DBS Handbook of Life Science	DBS Imprints. ISBN no. 978-93-82423-88-1., 2017
2.	Plant Pathology.	Sonali Publications. ISBN No. 978-81-8411-618-2., 2018

BOOK CHAPTERS

S.No	Title of Chapter	Authors	Publisher	Year
1.	Floral biology of Sunflower- A histological and physiological analysis.	Sharma B, Shakya R and Bhatla SC	Nova Science Pubs	2013
2.	Phytoremediation	Sharma B, Gupta K and Garg V	Shakti Publishers	2021

Publications in Indexed/Peer Reviewed Journals:				
Year of Publication	Title	Journal	Author	
2017	Role of Flavonoids in Plants.	International Journal of Engineering Research & Management Technology		
2017	Receptivity of Stigma in Higher Plants.	International Journal of Engineering Research & Management Technology		
Public Service/University Service/Consulting Activity				
Evaluation of answer booklets of students Paper setting				
Professional Societies Memberships				
Member of SERS society				
Projects(Major Grants/Collaborations)				
UGC Minor Project (2015-2017)- Study of flavonoids present in pollen and stigma of sunflower.				
Name(s) & Number(s) of PhD Students Supervised and Awarded with year:				
S.No.	Name of Ph.D Scholar	Date of Registration	Date of Award	Title of Thesis
1.	Preeti Sharma	19-4-2018	Ongoing	Synthesis of silver nanoparticles using leaf extracts of Acokanthera oppositifolia
Any other information(s):				

Basudh Sharma

(Signature of Faculty Member)

(Signature & Stamp of Teacher In-Charge/Principal)