

FACULTY - I:

Name: Dr. Shalini Sharma

Designation: Asst. Professor

Qualification:

- **M. Sc. (Prof. V. Puri Gold medalist)** C. C. S. University, Campus, Meerut,
- **M. Phil.** 1999 C. C. S. University (Campus) Meerut
- **Ph.D. 2007** C. C. S. University (Campus) Meerut
- Qualified **NET for CSIR-JRF** (June 2003).
- Qualified **CSIR-UGC NET for LS** (June 2000).



Teaching Experience -16 years

Research Experience ~ 5 years (M.Phil. and Ph.D. period)

Area of Interest:

- Plant Physiology
- Medicinal plants
- Plant Biotechnology specifically Plant Tissue Culture
- Ethnobotany
- Antimicrobial properties of Plants
- Biodiversity conservation

Scholar Google ID:

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=WXdB9kUAAAAJ

V: RESEARCH:

A. PUBLICATIONS

A. Books

- **Practical book entitled “A Practical insight: Biotechnology and Microbiology”** with ISBN: 978-93- 90471-91-1, Book DOI: <https://doi.org/10.22271/int.book.64>. by Integrated Publications H. No. - 3 Pocket - H34, Sector - 3, Rohini, Delhi-110085, India. (2021)
- Book Chief Editor of Laboratory Manual “Expertise in Techniques of Biotechnology and Microbiology” with ISBN no. 978-8188805-914, by Department of Biotechnology and Microbiology, MIET, Meerut. S.R. Scientific Publications, Agra (2019).

B. Book Chapter

- Decontamination and management of industrial wastewater using microorganisms under aerobic condition in Omics for Environmental Engineering and Microbiology Systems, by CRC Press (Taylor & Francis Group), USA. 2022 (Anamika Sharma, Shalini Sharma*, Chaudhary Shalu Singh and Vineet Rudra) Crossref DOI link: https://doi.org/10.1007/978-981-19-4320-1_9
- ***Eclipta alba* (L.) Hassk, a promising medicinal herb for holistic health: An overview by *Shalini Sharma and Swati Goyal in an international book** "Recent Progress in Medicinal Plants, Ethnomedicine & Pharmacognosy".2022 ISBN: 978-93-90879-31-1 Book Code: AB220-A22 DOI: 10.31995/BOOK.AB220-A22
- "Fungal Pathogen-Induced Modulation of Structural and Functional Proteins in *Zea mays* L." In: Wani, S.H., Dar, Z.A., Singh, G.P. (eds) Maize Improvement. Springer, Cham. 303-322. https://doi.org/10.1007/978-3-031-21640-4_14.

C. Full length papers published in journals

S. No	Title	Vol. No.	Pag eno.	Journal	ISSN/ISBN	Whether peer reviewed/ impact factor
1.	An Overview on <i>Calendula Officinalis</i> Linn.: (PotMarigold)	12 (3) Suppl 2: Oct-2021	13-18	<i>Journal of Advanced Scientific Research,</i>	(ISSN: 0976-9595) is a peer reviewed online Journal	UGC CARE LISTED Journal
2.	"Development of a RAPD marker-based classification criterion for quality semen production in Holstein crossbred bulls"	2021;00:1–8. https://doi.org/10.1111/rda.13911	1–8	Reproduction in Domestic Animals		Wiley Publication
3.	Effect of Salt Stress on Germination and Growth of <i>T. foenumgraecum</i> Seedlings	2016 4(3)	40-45	International Journal Of Advance Research	ISSN 2320-5407	Impact Factor 4.588 IC value 63.21
4.	Effect of Rhizospheric media on growth, yield and biochemical status of a potent Pharmaceutical <i>T. foenumgraecum</i>	2016	763-771	World journal of Pharmacy & Pharmaceutical Sciences	ISSN 2278-4357	Impact Factor 5.210 ICV 6.21 Global Impact Factor-0.987

5.	<i>B.bassiana</i> and <i>A.indica</i> : Potential Bioremedi al Agents For Heavy Metals Contamination	(2016) 3:1	1-8	International Journal on Life science and Bioengineerin g	ISSN 2394- 5516	
6.	<i>In vitro</i> studies of an endangered "Miracle plant", <i>C. asiatica</i> (L.) Urb. Or Mandookparni	2015	33-40	Proceedings of a UGC sponsored National seminar on "The role of biology in bringing second green revolution"	ISBN: 978- 93-84659- 19-6	Internatio e nal publication of ISCA
7.	<i>In vivo</i> and <i>In vitro</i> Enhancement of Asiaticoside in <i>Centella asiatica</i> (L.) Urban"	3(4): 2014	178- 181	International Journal of Research in Phytochemistr y & Pharmacology	eISSN-2278 – 2656 Print IISN No.2278 – 2648	peer-reviewed IC no. 5.1
8.	Antimicrobial potentiality of leaf extracts of <i>Saraca indica</i> against some pathogenic bacteria	24(1): 2011	29-31	Vegetos	ISSN-0970- 4078 Online ISSN 2229-4473	peer reviewed IF:Thomson Reuters0.042, NAAS IF 6.02
9.	Adenine sulphate enhanced <i>in vitro</i> shoot regeneration in <i>C. asiatica</i> (L.) Urb.	89(1&2): 2010	30-33	Journal of Indian Bot. soc.	ISSN-0019- 4468	peer reviewed NAAS-3
10	Accumulation of Phenolics rather than proteins in humus grown <i>T.foenumgraecum</i>	86(1&2):2007	82-85	Journal of Indian Bot. soc.	ISSN-0019- 4468	peer reviewed NAAS-3