

Nisha Sharma

Designation: Assistant professor, Dept. of biotechnology

Area of specialization: Microbiology

College: GGM Science college, Jammu

Email: nisha_btc@yahoo.com

Phone: 9906130471



Summary

- Pursuing Ph.D. Degree in **Diversity and bio prospecting of endophytic fungi from *albizia lebbeck* for bioactive metabolites** registered in Academy of Scientific and innovative research (AcSIR) from CSIR-IIIM, Jammu
- Currently working at GGM, Science College, Jammu as Assistant professor in Dept. of biotechnology

Awards and Achievements

- Microbial Repository Award (2nd prize, CSIR IIIM, Jammu), 2014
- Microbial Repository Award (2nd prize, CSIR IIIM, Jammu), 2015
- Microbial Repository Award (1st prize, CSIR IIIM, Jammu), 2016
- 2nd Prize in debate competition on national science day celebration organized by CSIR-IIIM, Jammu.

Workshops, Seminars, Symposia and Conferences attended

- Oral presentation in International Symposium on Role of Herbals in Cancer Prevention and Treatment, School of Life Sciences, JNU, New Delhi, INDIA.
- Participated National Seminar-Cum-exhibition on kisan mela, Entrepreneurship programme and flower show organized by, CSIR-IIIM, Jammu.
- Participated BIRAC 2 days Workshop on Bio-Entrepreneurship Grant Writing & Intellectual Property Management at CSIR-IIIM, Jammu.
- Workshop on hands-on training in Bioinformatics organized by SMVDU, Katra.
- Workshop on Ultra low Power Biosensors and Implantable Microsystems organized by SMVDU, Katra.

Research Publications

• Research Paper in Phytomedicine

Isolation and characterization of bioactive metabolites from *Xylaria psidii*, an endophytic fungus of the medicinal plant *Aegle marmelos* and their role in mitochondrial dependent apoptosis against pancreatic cancer cells.

Divya Arora, **Nisha Sharma** , Venugopal Singamaneni , Vishal Sharma , Manoj Kushwaha , Vidushi Abrol , Santosh Guru , Sonia Sharma , Ajai Prakash Gupta , Shashi Bhushan , Sundeep Jaglan , Prasoon Gupta

- **Mini review in Applied microbiology and biotechnology**

An update on polysaccharidebased nanomaterials for antimicrobial applications.

Divya Arora & **Nisha Sharma** & Vishal Sharma & Vidushi Abrol & Ravi Shankar & Sundeep Jaglan

- **Book chapter in frontiers in food biotechnology, NOVA Publishers**

Rapid methods for the detection of food borne pathogens

Divya Arora, **Nisha Sharma**, Vishal Sharma , Vidushi Abrol & Sundeep Jaglan

Academic Qualifications

Examination Passed	Board/University	Subjects	Year	Division/Grade /Merit
SSC	CBSE	English,Hindi,Mathematics,Science & Technology,Social Sciences	2005	72.20 %
Higher Secondary	CBSE	English,Mathematics,Physics, Chemistry, Biology	2007	82.60 %
Bachelor's Degree(s)	University of Jammu	General English,Chemistry,Zoology,Biotechnology	2010	70.90 %
Master's Degree (s)	SMVDU,Katra	Biotechnology	2012	89.90 %
NET/SLET	CSIR-NET JRF	Life Sciences	2012 (December)	41 All india Rank
	GATE	Biotechnology	2013(February)	126 All india Rank
	ARS NET	Agricultural Biotechnology	2013	60 %
Others Diploma/Certificates etc.				

Research Experience

Research stage	Title of Work/ Thesis	University where the	Year
----------------	-----------------------	----------------------	------

		work was carried out	
M.Phil or equivalent			
Ph.D. (pursuing)	Diversity and bio prospecting of endophytic fungi from <i>albizia lebbeck</i> for bioactive metabolites	Registered in Academy of Scientific and innovative research (AcSIR),CSIR-IIIM, Jammu	Aug-2013-till now
D.Sc/D.Litt.			
Training (Please specify)			

Teaching Experience

Courses Taught	Name of the University/College/Institution	Duration
iv) U.G. (B.A./B.Sc. etc.) (B.A./B.Sc. etc. Hons.)		
v) P.G. (M.A./M.Sc.,etc)		
vii) Any other (e.g Women Study,Skill Development,Add on courses, coaching (JUET,CET) etc.)		