

Curriculum Vitae

Personal Details

Name : **Dr. PREETI**
Father's Name : **Shri A.C. Gautam**
Designation : Lecturer
Department of Microbiology
C.C.S. University, Meerut-250 004 (U.P.)
Date of Birth : 13th May, 1987
Address for Correspondence : H-30, Shastri Nagar, Meerut-250 005 (U.P.)
Permanent Address : H-30, Shastri Nagar, Meerut-250 005 (U.P.)
Contact Number : Mobile: +91-8859713886; +91-9950142893
E-mail ID : preetibiotech87@gmail.com
Marital Status : Married
Nationality : Indian
Languages Known : Hindi, English, German and French

Academic Qualifications

Examination	Board/University	Year	Subjects	Division	%
10 th	C.B.S.E.	2002	Hindi, English, Maths, Science & Social Studies	I	71.80
12 th	C.B.S.E.	2004	English, Hindi, Physics, Chemistry & Biology	I	72.00
B. Sc.	Banasthali University, Rajasthan	2008	BIOTECHNOLOGY (HONOURS)	I	68.86
M. Sc.	Banasthali University, Rajasthan	2010	BIOTECHNOLOGY	I	73.28
Ph. D. (According to UGC's Regulation, 2009)	Banasthali University, Rajasthan	2015 (Awarded)	BIOTECHNOLOGY	-	Seven International Research Publications

Research Details

Ph. D Title: “Pathogen Response of Different Chickpea Varieties and Quantitative Analysis of Chitinase Gene Expression against *Macrophomina phaseolina* ”

Supervisor: Professor Vinay Sharma, Dean, Faculty of Science & Head, Department of Bioscience & Biotechnology, Banasthali University, P.O. Banasthali Vidyapith-304 022 (Rajasthan)

Co-supervisor: Dr. Nilima Kumari, Associate Professor, Department of Bioscience & Biotechnology, Banasthali University, P.O. Banasthali Vidyapith-304 022, (Rajasthan)

Research Publications: 07 (International)

1. Detached leaf assay for resistance to *macrophomina phaseolina* and isolation of toxin from infected leaves and its analysis by TLC
Journal Biological & Chemical Research, 30. 1. (2013) 254-263. [IF: 4.275; Publisher: Society for Advancement of Science® (An International Journal of Life Sciences and Chemistry); Online ISSN: 2319-3077 & Print ISSN: 0970-4973]
2. Intellectual property rights and its scopes
Published in conference proceeding “International Conference on Global IPR System and WTO Issues (GIPRS-2013)” organised by Intellectual Property Cell, C.C.S. University, Meerut; (2013) pp. 72-73. [Publisher: Scientific Research, New Delhi; ISBN: 978-93-8377400-5]
3. Reaction of Chickpea varieties to *Macrophomina phaseolina* and their effect on peroxidase activity
(Published as full length paper for book)
“*Microbial Diversity and Biotechnology of Microbes in Food Security*”
R.N Kharwar *et al* (Eds.), Chapter 42, (2014) 471-477. [IF: 2.56; Publisher: Springer; ISBN: 978-81-322-1801-2]
4. Inducing resistance in plants against pathogen infection
Published in conference proceeding “Emerging problems and recent advances in applied science: Basic to molecular approaches (EPRAAS-2014)” organized by Society for scientific development in agriculture and technology, C.C.S University, Meerut; (2014) pp. 116-117. [ISBN: 819039644-7]
5. Pathogen response of Chickpea varieties against *Macrophomina phaseolina*
International Journal of Basic and Applied Biology (IJBAB), 2.1. (2014) 107-112. [IF: 3.896; Online ISSN: 2349-5839 & Print ISSN: 2349-5820]
6. *Prosopis juliflora*: properties and its potential uses in phytoremediation purposes.
“Environmental fluoride pollution and its removal by hyperaccumulator plant *Prosopis juliflora*” NOVA SCIENCE PUBLISHER NEW YORK, Chapter 2, (2021) 69- 108, [Publisher: Nova Science Publisher ISBN : 9:3/7583;/858/;” gDqqm+]
7. *Environmental risk assessment of fluoride contaminated soil on Prosopis juliflora* seedlings using biochemical and molecular parameter in Elsevier Book “Microbial Biotechnology in green remediation (2020) ACCEPTED

Conferences / Symposia Attended: 17

1. Participated in the Indo-Japan International Symposium on “Facilitating Interdisciplinary Biotechnology for Future Entrepreneurship” organized by Biyani Girls College, Jaipur during August 11-12, 2008.
2. Participated in the “International Conference on Molecular Biology and Biotechnology (ICMBB)” organized by Department of Bioscience & Biotechnology, Banasthali University, Rajasthan during October 19-21, 2008.
3. Participated in DBT sponsored “National Workshop on Biological Databases and Data Mining Approaches” organized by Centre for Bioinformatics, Department of Bioscience & Biotechnology, Banasthali University, Rajasthan during December 18-20, 2010.
4. Presented a paper in International Conference on “Issues for Climate Change, Land Use Diversification and Biotechnological Tools for Livelihood Security (ICLDBT-2011)” held at Sardar Vallabhbhai Patel University of Agriculture & Technology (SVPUAT), Meerut during October 8-10, 2011.
5. Presented a paper in “International Conference on Mycology and Plant Pathology Biotechnological Approaches (ICMPB-2012)” held at Banaras Hindu University (BHU), Varanasi during February 27-29, 2012.
6. Participated in ISCA Banasthali Chapter “Meeting the Challenges of Water and Energy” held at Banasthali University, Rajasthan during August 24-25, 2012.
7. Presented a paper in “International Conference on Biotechnology: A Rendezvous with Basic Sciences for Global Prosperity (BTBS-2012)” organized by Society for Plant Research & “VEGETOS” at Pusa, New Delhi on December 26-27, 2012.
8. Presented a paper in “International Conference on Global IPR System and WTO Issues (GIPRS-2013)” held at C.C.S. University, Meerut during November 16-17, 2013.
9. Presented a paper in National Conference on “Emerging Problems and Recent Advances in Applied Science: Basic to Molecular Approaches (EPRAAS-2014)” held at C.C.S. University, Meerut during Feb 8-9, 2014.
10. Participated in One Day Interactive Seminar on “Role of CST UP in Promotion of Science & Technology and Facilitation of IPR Protection” organized by Council of Science & Technology, UP, Lucknow in collaboration with Intellectual Property Cell, C.C.S. University, Meerut held at Department of Biotechnology, C.C.S. University, Meerut during March 18, 2015.
11. Participated in Two Days Workshop on “Applications of Basic Laboratory Tools in Biosciences” held at Department of Biotechnology, C.C.S. University, Meerut during May 18-19, 2015.
12. Presented a paper in "International Conference on Technological Advancement for Sustainable Agriculture and Rural Development (TASARD-India, 2017) during February 20-22, 2017.
13. Participated in One Day Workshop on “Identification of Mushrooms and Their Cultivation” held at Department of Botany, C.C.S. University, Meerut on October 3rd, 2018.
14. Participated in Two Days National Seminar-cum-Workshop on “The Biodiversity Conservation and Sustainable Use of Medicinal and Aromatic Plants” organized by Department of Botany, C.C.S. University, Meerut & sponsored by Department of Higher Education, State Government, Uttar Pradesh during August 31st-September 1st, 2019.
15. Participated in an “International Conference on Emerging Challenges, Their Solutions

and Recent Advances in Science” organized by Government Science College, Sikar (Rajasthan) during October 4th-5th, 2019.

16. Participated in International Conference on Global Research Initiative for Sustainable Agriculture & Allied Sciences (GRISAAS-2019) organized by Astha Foundation, Meerut (Uttar Pradesh) during October 20th-22nd, 2019.
17. Participated in “National Seminar on Ethnomedicinal Wealth of India: Conservation and Sustainable Management” organized by Department of Botany, R.G. (P.G.) College, Meerut on January 29th, 2020.

Faculty Development Programme (FDP)

Completed Three weeks (21 Days) Faculty Training Programme entitled “Application of Molecular Biology Tools and Bioinformatics in Agriculture” organized at College of Biotechnology, Sardar Vallabhbhai Patel University of Agriculture & Technology (SVPUAT), Meerut by Centre of Excellence in Agriculture Biotechnology and Bioinformatics Infrastructure Facility during February 5-25, 2014.

Papers Presented in Conferences /Symposia: 05 (05 International)

Teaching Experience: 8.10 Years

1. Taught M. Sc. (Biotechnology) classes in Department of Bioscience & Biotechnology, Banasthali University, Rajasthan from August 7, 2011-December 5, 2011.
2. Worked as Lecturer in Department of Biotechnology, C.C.S. University, Meerut since August 22, 2013 to October 15, 2016.
3. Presently, working as Lecturer in Department of Microbiology, C.C.S. University, Meerut since October 17, 2016 to till date.

Professional Qualifications/Extra Curricular Activities

1. Edited one workshop proceeding entitled “Applications of Basic Laboratory Tools in Biosciences” held at Department of Biotechnology, C.C.S. University, Meerut during May 18-19, 2015.
2. Member of "The Indian Science Congress Association (ISCA), Kolkata" [Membership number: A-3394].

Other Achievements

1. Awarded by Scholarship from Department of Biotechnology (DBT) at M. Sc. level.
2. Having advanced diploma in German, certificate in French languages from Banasthali University, Rajasthan.
3. Won 2nd prize in German quiz competition, 3rd prize in power point & model presentation held at Banasthali University, Rajasthan.

4. Having certificate of DAAD, Germany.
5. Computer programming & applications.

References

Professor Vinay Sharma

Dean, Faculty of Science &
Head, Deptt of Biosc &Biotech
Banasthali University,
P.O Banasthali Vidyapith-304022
(Rajasthan), India

Professor Y. Vimala

Pro-Vice-Chancellor,
Head, Deptt of Microbiology
Department of Botany
C.C,S University, Meerut (U.P)
India

Professor S.K Bhatnagar

Professor & Head
Department of Cell Biology
College of Biotechnology
S.V.B.P. University of Agriculture &
Technology, Meerut (U.P), India

Dated:

Place:

(Dr. PREETI)