

	
Name	DR VANDANA NIGAM
Department	Botany
Designation	Professor
Qualification	M.Sc,Ph.d
EmailID	vandaninigam6815@gmail.com
Research Area	Plant Pathology/ Medical Mycology
Project Minor/Major	<p>Minor: 02– (1) Title: Studies on Keratinophilic fungi and related dermatophytes of cattle. Funding Agency: U.G.C: 2000-2002</p> <p>(2) Title: Prevalence of dermatophytes and related Keratinophilic fungi in waste habitats of Kanpur Funding Agency:U.G.C.2008-2010</p> <p>Major:01– Strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme (Dept. of Botany,Zoology, Chemistry). Funding Agency: Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India 2014-2017</p>
Research Guidance	<p>Degree Awarded - 05. Year of Award</p> <p>(1) Dr. Varsha R. Srivastava (01060008) 2007</p> <p>(2) Dr. Richa Pandey (06060006) 2011</p> <p>(3) Dr. Prerna Awasthi (07060028) 2011</p> <p>(4) Dr. Sadhna Yadav (08060022) 2014</p> <p>(5) Dr. Nazia Firdous(08060012) 2014</p>

	<p>Thesis submitted-02 1) Akanksha Singh Tomar (15060038) (2) Rafat Quamar (15060034)</p>
<p>National/ International Seminar/ Webinar Organized</p>	<ol style="list-style-type: none"> 1. National Seminar on “ New Horizons in Biosciences”, Organized by Department of Botany, D.G.P.G. College, Kanpur, November 29th- 30th, 2005 2. National Seminar on “Recent Trends in Biological Scenario” Organized by Department of Botany, D.G.P.G. College, Kanpur, December 3rd, 2009 3. National Conference on “ Global Perspectives of Biological Researches in Present Scenario”Organized by Department of Botany, D.G.P.G. College, Kanpur, December 7th-8th, 2010. (Sponsored by UGC, New Delhi) 4. Regional Rural Science Congress On “Innovations in Science and Technology for Inclusive Development”Organized by Indian Science Congress Association, Kanpur Chapter. Nov.23rd-24th, 2013 5. National Seminar on “Science & Technology for Human Development” Organized by Indian Science Congress Association, Kanpur Chapter, December 08th-10th, 2014 6. National Seminar on “Science & Technology for Indigenous Development in India” Organized by Indian Science Congress Association, Kanpur Chapter & Department of Zoology, D.G.P.G. College, Kanpur, January 28th-29th, 2016 7. National Seminar on “Recent Advances and Emerging Challenges in Biological Techniques”, Organized

by Department of Botany
D.G.P.G,College, Kanpur, Sept. 20th-
21st, **2016**. (Sponsored by **D.B.T.**,
under **Star College Scheme**, Ministry
of Science & Technology, Government
of India)

8. National Seminar on “ **Future India: Science & Technology**” Organized by Indian Science Congress Association, Kanpur Chapter & Department of Zoology, D.G.P.G. College, D.A.V College & C.S.J.M University, Kanpur, November 23rd-25th, **2018**
9. 1st International Conference on “ **Environment and Society (ICS 2019)** Organized by Glocal Environment and Social Association(GESA), New Delhi, H.B.T.U,Kanpur, D.G.P.G., College, Indian Thinkers Society, Asian Biological Research Foundation (ABRF), India, December 22nd- 23rd, **2019**(Sponsored by Department of Biotechnology, Government of India)
10. **Webinar on “Recent trends in Paleobotany**” Organized by Department of Botany, D.G.P.G. College, Kanpur, June 26th **2020**
11. **Awareness Program on Our Lives, Our Rights** Organized by D.G.P.G. College, Kanpur, July 14th-15th **2020**
12. **Indo-Egyptian Conference on Health Sciences and Radiology (IECHSR-2020)** Organized by N.R.C, Cairo, Egypt, W.J.P.S.,D.I.B.M.N.S, Dehradun, HOPE and S.R. Group of Institutions, Lucknow, India, August 22nd- 24th **2020**
13. Seminar on “**Emerging Trends in Plant Science**”,Organized by Department of Botany, D.G.P.G.

	College, Kanpur, December 24th-26th, 2022
Paper Published	<p>(i)Number of Papers Published- (20) Best Five:</p> <p>(1) R.K.S.Kushwaha and Vandana Nigam <i>Keratinophilic Onygenales from India and their antagonistic potential.</i> Journal of Mycology and Plant Pathology, Vol. 35 No.1 pg. 110-113 (2005) ISSN 0971-9393 / E-ISSN-09754-418</p> <p>(2) Richa Pandey and Vandana Nigam <i>Existence of Keratinophilic fungi and related dermatophytes, their distribution in waste habitats of Kanpur (India)</i> (pg 87-89) Journal of Phytological Research, Vol. 22(No. 1)(2009) ISSN 0970-5767</p> <p>(3) Prakash R, Nigam V, Pandey R and Firdous N. <i>Chemical analysis and Antimicrobial activity of essential oil of Syzygium aromaticum (Myrtaceae) on Microsporum gypseum and Bipolaris spicifera.</i> (pg.1-6) Journal of Basic & Applied Mycology, Vol. 9 (No. I &II) 2010 ISSN 0972-7167.</p> <p>(4) Akanksha Singh Tomar and Vandana Nigam <i>Isolation and Identification of Indoor dematiaceous fungi of Kanpur(India)</i> (Pg. E47-E49) Innovation: The Research Concept, a multi disciplinary international journal Vol.-6 Issue-11(2021)ISSN:2456-547</p> <p>(5) Akanksha Singh Tomar, Vandana Nigam (January) <i>Antifungal Activity of some spice extracts on indoor Dematiaceous Fungi of Kanpur.</i> The International Journal of Advanced</p>

	<p>Research in Multidisciplinary Sciences (IJARMS) Vol. 5 Issue-1:172-1742022 ISSN/ e ISSN- 2581-8996</p>
Book Chapter	<p>(1) Nazia Firdous & Vandana Nigam Influence of Isolating methods on occurrence of Dematiaceous fungi from compost soil of Kanpur. (pg.36-38) (2011)Proceedings of National Conference on Recent Advances in Plant Sciences (Botany Department) Dharam Samaj College, Aligarh.(ISBN 978-93-81583-18-0)</p> <p>(2) Richa Pandey & Vandana Nigam Seasonal Variation of Keratinophilic fungi isolated from Soil of municipal waste habitats of Kanpur. (pg.133-136)(2011) Proceedings of National Conference on Recent Advances in Plant Sciences (Botany Department) Dharam Samaj College, Aligarh. (ISBN 978-93-81583-18-0)</p> <p>(3) Vandana Nigam, Md. Shahbaz Anwar, Mona Upadhyay, Nazia Firdous. Bio-prospecting the plant growth promoting micro-inoculants to reduce chemical fertilizers and fluorene concentration in an integrated and sustainable manner. (pg. 138-154) (2019) Sustainable Agriculture</p> <p>(4) Akanksha Singh Tomar & Vandana Nigam, Antifungal activity of <i>Azadirachta indica</i> (Neem) leaves extract on indoor dematiaceous fungi of Kanpur. (pg.220-225)(2022) Role of Medicinal Plants in Health Care.</p>
Workshop Organized	<p>National Workshop on “Basic Techniques in Microbiology”organized by faculty of Science, D.G.P.G. College, Kanpur under Star College Scheme of DBT, Ministry of Science</p>

	& Technology, Government of India, October 11-17, 2018
Life member of various Academic Bodies	1)The Indian Science Congress Association, Kolkata 2) Vijnana Bharati- Brahmavart (Kanpur) Prant

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