



Aditi Mahavidyalaya

Faculty Details



Title	PROFESSOR	First Name	DR. INDU	Last Name	GAHLAWAT	Photograph
Designation	PROFESSOR					
Department	BIOLOGY (B.EL.ED.)					
Address	C-154, VIKASPURI, NEW DELHI - 110018.					
Phone number	9811241935					
Email	induingahlawat@gmail.com					
Web-Page						
Educational Qualifications:						
Degree	Institution				Year	
B.Sc. (H) Botany	DELHI UNIVERSITY				1989	
M.Sc. (Botany)	DELHI UNIVERSITY				1991	
M.Phil	DELHI UNIVERSITY				1992	
Ph. D.	DELHI UNIVERSITY				1996	
Career Profile						
26 YEARS OF TEACHING EXPERIENCE IN ADITI MAHAVIDYALAYA (UNIVERSITY OF DELHI)						
Administrative Assignments						
<ul style="list-style-type: none"> • Teacher Representative on Governing Body Twice • Purchase Committee Convener (2001-02) • Admission Committee Convener (2000-02) • Discipline / Committee Convener (2000-02) • Garden Committee Convener (2002-04) • Environment /Committee for Convener (2004-05) • Provident Fund Committee, Co-convener (2005-08) • Provident Fund Committee, Convener (2018) • Eco Club Convener (2019-20) • Eco Club Convener (2020-21) • Eco Club Convener (2021-22) • Science Society Convener (2018-19) • Science Society Co Convener (2019-20) • Science Society Co Convener (2020-21) • EVS (BA Prog.) Coordinator (2019-2020) • EVS (BA Prog.) Coordinator (2020-2021) • Eco Club Co-Convener (2022-23) • Science Society Co Convener (2022-23) • Prize Distribution Committee Co-Convener (2021-22) 						

Areas of Interest / Specialization
REPRODUCTIVE BIOLOGY
Subjects Taught
CORE NATURAL SCIENCE (B El Ed First Year) OPTIONAL 1 : BIOLOGY O 2.6 (B El Ed Second Year) OPTIONAL 2 : BIOLOGY O 3.6 (B El Ed Third Year) ENVIRONMENT SCIENCE (BA Program First Year)
Research Guidance
NIL
Research Papers (Web link to the paper, if online available, or pdf of the paper)
<ol style="list-style-type: none"> 1. Vijayaraghavan, M.R., Kaur, I and Nashier, I 1995. "In vitro Studies of callithamnionsp (Ceramiaceae, Ceramiales): Growth and differentiation Seaweed Res. Utlin, 17:13-22. 2. Nashier, I, Jha, A and Vijayaraghvan, M.R. 1998. Wound Regeneration in <i>Solieriarobusta</i> (Greville) Kylin (Solieriaceae, Gigartinales) from Port Okha, India Seaweed Res Utlin.20 (1 &2) 119-124. 3. Nashier, I, and Jha, A and Vijayaraghavan, M, R. 1999. Tetraspore development in <i>Solieriarobusta</i> (Greville) Kylin (Solieriaceae, Gigartinales) from Port Okha. Phytomorphology. 49(3), pp233-240. 4. Lakra P. and Gahlawat, I.N. 2015. "Prospective phytochemicals for alleviation of different chronic ailments." Integrated Journal of Social Sciences. Vol 2(1), 36-39. ISSN 2348-0874. http://www.pubs.iscience.in/journal/index.php/ijss/article/view/488 5. Gahlawat I.N., Wadhwa M. nee Dabas and Lakra P., 2015. "Significance of nanotechnology advances in food processing and packaging : consequences of human health, J. Mat. NanoSci. 2015, 2(1), 8-14, ISSN 2394-0867. https://pubs.iscience.in/journal/index.php/jmns/article/view/1188 6. Lakra, P and Gahlawat, I. N. 2016. "The role of nutrition in the immune system functions." Integrated Journal of Social Sciences. Vol 3(1), 30-33. ISSN 2348-0874. http://www.pubs.iscience.in/journal/index.php/ijss/article/view/436 7. Gahlawat I. N. and Lakra, P. 2017. "Contextual implicit role of PROBIOTICS in improving human health", Journal of integrated Science and Technology. Vol 5(2), 50-53. ISSN 2321-4635. https://pubs.iscience.in/journal/index.php/jist/article/view/671 8. Indu Nashier. (2017). "A feasibility and variability and viability analysis of biomass combustion products with implied impact on health as well as environment" Integrated Journal of Social Science." Vol 4(1), 26-31. ISSN 2348-0874. http://www.pubs.iscience.in/journal/index.php/ijss/article/view/638 9. Wadhwa, M., Gahlawat, I. N. Lakra, P and Nischal, S. 2018. "Children's questions in science classroom: A potential source of learning". Integrated Journal of Social Sciences. Vol 5(1), 41-46. ISSN 2348-0874. http://www.pubs.iscience.in/journal/index.php/ijss/article/view/648 10. Lakra, P., Sehgal, S., Gahlawat, I.N., Dabas, M.W.N. 2018. "Use of products developed from potato flour, defatted soy flour and corn flour in combating malnutrition" Integrated Journal of

Social Sciences. Vol. 5(1),47-50. ISSN 2348-0874.

<http://www.pubs.iscience.in/journal/index.php/ijss/article/view/792>

11. Gahlawat, I. N. and Lakra , P. 2018. “Significance and elucidation of mechanism of action towards beneficial effects of dietary fiber: a review” Integrated Journal of Social Sciences. Vol. 5, 51-54, ISSN 2348-0874.
<http://www.pubs.iscience.in/journal/index.php/ijss/article/view/1129>
12. Gahlawat, I. N. 2019.“Emerging new insights into significance and application of plant pigments.” Journal of Integrated Science and Technology. Vol 7(2), 29-34, ISSN 2321-4635.
<https://pubs.iscience.in/journal/index.php/jist/article/view/1109>
13. Gahlawat, I. N., Lakra, P, Singh, J and Chikkara, B.S. 2020. “Developmental and histochemical studies on carposporophyte of *Solieriarobusta*(Greville) KylinSolieriaceae, Gigartinales) from Port Okha, India.” Journal of integrated science and technology. Vol.8(2), 12-20, ISSN 2321-4635.
<https://pubs.iscience.in/journal/index.php/jist/article/view/1114>
14. Gahlawat, I. N. 2020. “Cytoplasmic metabolites study of vegetative and reproductive structures of solieriarobusta” Journal of integrated Science and technology. Vol 8(2). ISSN 2321-4635.
<https://pubs.iscience.in/journal/index.php/jist/article/view/1128>
15. Nashier, I. and Lakra, P. "Global climate change and its effects” 2020. Integrated Journal of Social Sciences". Vol 7(1), 14-23. ISSN 2348-0874.
<http://www.pubs.iscience.in/journal/index.php/ijss/article/view/1120>
16. Lakra, P., Sehgal, S. and Gahlawat, IN. 2020 “Effect of processing on total and extractable mineral content of products developed using potato flour, defatted soy flour and corn flour” Journal of integrated science and technology. Vol 8(1), 6-11. ISSN 2321-4635.
<https://pubs.iscience.in/journal/index.php/jist/article/view/1050>
17. Wadhwa, M., Gahlawat, I. N and Chikkara, A 2020. “Understanding Students Alternative Conceptions: A mirror to their thinking” Integrated Journal of Social Science. Vol 7(1), 9-13. ISSN 2348-0874.
<http://www.pubs.iscience.in/journal/index.php/ijss/article/view/1113>
18. Vohra Preeti and Gahlawat, I. N. 2020, “Anthropogenic activities led impact on Biodiversity and need of proactive endeavours towards sustainable ecosystem through life diversity conservation” Integrated Journal of Social science. 7(2), 31-42, ISSN 2348-0874.
<http://www.pubs.iscience.in/journal/index.php/ijss/article/view/1123>
19. Wadha M. nee Dabas, Lakra P &Nashier I.N., "Transition from Smart Board to Online : Technology in Education", MERI Journal of Education, Vol. XVI, No. 01, April 2021, 64-73, ISSN 0974-2085.
20. Lakra P, Wadhwa M&Gahlawat I.N., 2021, "Lifestyle during Covid-19 : Impact of Health and Psycho-Social Wellbeing", Sambodhi (UGC Care Journal), Vol-44 No.-01 (XVI) : 2021, ISSN : 2249-6661.
21. Lakra P, Wadhwa M&Gahlawat I.N., 2021, "Trans Fatty Acids: Sources, associated medical ailments and their alternatives - A recent advances review.", J. Integr. Sci. Technol. 2021, 9(2), 60-69, ISSN : 2321-4635.
<https://pubs.iscience.in/journal/index.php/jist/article/view/1323>

Books Published
<p>Three Chapter in 3 Different Books :</p> <ol style="list-style-type: none"> 1. Inderdeep Kaur, Raghavan M.R. & Indu Nashier, 1996 : Some Facets of Biodiversity by Dr. R.K. Kohli, Dr. N. Jerath and Dr. D. Batish, Society of Environmental Scientists and Punjab State Council for Science & Technology, Chandigarh, India. 2. Indu Nashier, 1997 : CRYPTONEMIALES (Rhodophyta) : Red Algae : Structure, Ultra-structure and Reproduction by M.R.Vijayraghavan & Bela Bhatia, APH Publishing Corporation, New Delhi. 3. Indu Nashier and Aditya Jha, 1998 : Developmental and Histochemical Studies on Spermatangia in <i>Solieria robusta</i> (Greville) Kylin (Solieriaceae), Rhodophyta. PLANT FORM AND FUNCTION, Eds. Bela Bhatia, A.K. Shukla, H.L. Sharma, ©Angkor Publishers (P) Ltd., New Delhi, 1998.
Conference Organization/ Presentations / Proceedings
<ul style="list-style-type: none"> • Nischal, S and Gahlawat, IN (2017) : Trash to Treasure : Processing the solid waste in useful manner. Proceeding of National Conference on recent advances in Chemical Sciences towards green and sustainable environment, Swachh Bharat Abhiyan Perspective 2017, UGC sponsored, Pubs.Science.in. • Sharma, A and Gahlawat, IN (2017) : Threat inside house - indoor pollution (2017). Proceeding of National Conference on recent advances in Chemical Sciences towards green and sustainable environment, Swachh Bharat Abhiyan Perspective 2017, UGC sponsored, Pubs.Science.in. • Varsha and Gahlawat, IN(2017) : Global Warming : causes and effects : Proceeding of National Conference on recent advances in Chemical Sciences towards green and sustainable environment, Swachh Bharat Abhiyan Perspective 2017, UGC sponsored, Pubs.Science.in. • Organised U.G.C. Funded, National Conference on “Water Scarcity and Sustainability: A Jal Shakti Abhiyan Perspective” held on March 9, 2021 (through online platform), organized by Aditi Mahavidyalaya, University of Delhi. • Attended one-week interdisciplinary (online) Faculty Development Programme on “National Education Policy 2020: Implementation and Challenges” organized by Aditi Mahavidyalaya, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, from 6 September to 11 September 2021.
Research Projects (Major Grants/Research Collaboration)
NIL
Awards and Distinctions
NIL
Association With Professional Bodies
LIFE MEMEBRSHIP OF BOTANICAL SOCIETY OF BOTANY DEPARTMENT, DELHI UNIVERSITY
Other Activities
NIL