

Dr. Shail Vajpayi
Assistant Professor
Department of Zoology
S.N. Sen B. V. P.G. College, Kanpur
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Date of Appointment: 20 July 2006

Date of Joining: 01 August 2006

EDUCATIONAL QUALIFICATIONS

High School: 2nd Division, 1980 [UP Board, Allahabad]

Intermediate: 2nd Division, 1983 [UP Board, Allahabad]

Bachelor of Science (Zoology, Botany, Chemistry): 2nd Division, 1985 [Kanpur University, Kanpur, Uttar Pradesh]

Master of Arts (Political Science): 2nd Division, 1988 [Kanpur University, Kanpur, Uttar Pradesh]

Master of Science (Zoology): 1st Division, 1991 [Agra University, Agra, Uttar Pradesh]

Bachelor of Education (Science and Biology): 2nd Division, 1995 [Agra University, Agra, Uttar Pradesh]

Doctor of Philosophy (Zoology): 1998

ACADEMIC ACHIEVEMENTS

- Received the award of Fellow of Society of Life Science (Madhya Pradesh) F.S.L.Sc.
- Life Membership of Indian Science Congress Association
- Life Membership of Academy of Environmental Biology

Participation in National / International Conf. / Seminars:

1. National Workshop on “Basic techniques of molecular biology” organized by Dept. of Zoology, D.B.S. College, Kanpur, August 04th – 05th, 2008.
2. International seminar on “Biotechnology for today’s world” organized by Dept. of Zoology, D.B.S. College, Kanpur, December 02nd – 03rd, 2008.
3. National seminar on “Environmental Sciences and Engineering” organized by Faculty of Science, Bramhavart P.G. College, Mandhana, Kanpur, January 23rd, 2009.
4. National seminar on “Recent trends in Biological Scenario” organized by and Dept. of Botany, D.G. College, Kanpur, December 3rd, 2009.
5. National seminar on “Environmental Degradation and Bio diversity: Problem and Prospects. Department of Botany, D.A.V. College, Kanpur, November, 29-30rd, 2009
6. National seminar on “New Advances in Biology: Solution to Environment & Agriculture Problems.” organized by Dept. of Zoology, D.B.S. College, Kanpur, January 16th – 17th, 2010.
7. National seminar on “*Combating pollution to create a healthier planet*”, jointly organized by “The Indian Science Congress Association Kanpur Chapter” Indian Society of Life Sciences and Department of Zoology D.G. College, Kanpur. December 10th-12th, 2007.
8. National Workshop on “Basic techniques of molecular biology” organized by Dept. of Zoology, D.B.S. College, Kanpur, August 04th – 05th, 2008.
9. International seminar on “Biotechnology for today’s world” organized by Dept. of Zoology, D.B.S. College, Kanpur, December 02nd – 03rd, 2008.
10. National seminar on “Environmental Sciences and Engineering” organized by Faculty of Science, Bramhavart P.G. College, Mandhana, Kanpur, January 23rd, 2009.
11. National seminar on “Recent trends in Biological Scenario” organized by and Dept. of Botany, D.G. College, Kanpur, December 3rd, 2009.
12. National seminar on “Environmental Degradation and Bio diversity: Problem and Prospects. Department of Botany, D.A.V. College, Kanpur, November, 29-30rd, 2009
13. National seminar on “New Advances in Biology: Solution to Environment & Agriculture Problems.” organized by Dept. of Zoology, D.B.S. College, Kanpur, January 16th – 17th, 2010.

Publications

1. Chandel, B.S., Singh, A.K. and Dikshit Shail (1992) "Insect feeding deterrents and growth retardants from some indigenous plants." "11th National Symposium on Life Sciences 9th to 11th" PP-68.
2. Chandel B.S., Singh, A.K. and Dikshit Shail (1992) "Phagodeterrent effect of *neem*, *Azadirachta indica* and 'azadirachtin' on lady bird beetle, *Epilachna vigintioctopunctata* Fabr." "11th National Symposium of Life Science of 9-12th" PP-69.
3. Chandel, B.S. Vajpai, Rachna., Vajpai Shail and Rajni (2009). "Bioefficacy of botanicals against *Spilarctia obliqua*". *Annals of Plant Protection Science*, 17(2): 465-466. ISSN:0971-3573. ISSN:0971-3573.
4. Chandel, B.S., Bajpai, Shail, Rajani and A.K.S. Chauhan (2011) "Insecticidal efficacy of indigenous Zingiberaceous phytochemicals against mustard sawfly, *Athalia prokima* Klug *Annals of Plant Protection Sciences*, 19(1): 55-58. ISSN:0971-3573.
5. B.S.Chandel, Shail Vajpai and A.C. Pandey (2011) Aphidicidal exploration of *W. somnifera*, *Dun. A. calamus* Linn. *A. Galanga* (L) against mustard aphid, *Lipaphis erysimi* Kaltentbatch (Hemiptera : Aphididae) *Agricultural and Biological Research* 27(1): 66-77.
6. B.S. Chandel, Shail Vajpai, Rajani and A.K.S. Chauhan (2011) Insecticidal efficacy of Indigenous Zingiberaceous phytochemicals against mustard sawfly, *Athalia proxima* Klug. *Annal of Plant Protection Sciences*, 17(1) 55-58.
7. Chandel, B.S., Shail Vajpai and Vimlesh Singh (2011). "Repellent bioefficacy of *Tabernaemontana devaricata* *Achyranthes aspera*, *Nyctanthes arbortristis* and *Ageratum conyzoides* extracts against painted bug, *Bagrada cruciferarum* Kirk. (Hemiptera: Pentatomidae)." *Journal of Environment and Bio-Science*. 25(2):299-302. ISSN 0976-3384 www.jebs.in.
8. Chandel, B.S., Shail Vajpai and Vimlesh Singh (2011). "Bioefficacy of plant products against painted bug, *Bagrada cruciferarum* Kirk. (Hemiptera: Pentatomidae)." *Indian Journal of Entomology* 73 (3): 230-233. ISSN:0367-8288.
9. Chandel, B.S., Rajeev Trivedi, Shail Vajpai and Atul Singh (2011). "Toxicity of azadirachtin, β -asarone, acorenone, *Acorus calamus* Linn. and *Azadirachta indica* A.Juss against painted bug, *Bagrada cruciferarum* Kirk.. (Hemiptera: Pentatomidae)." *Life Sciences Bulletin* 8 (2)194-198. ISSN 0973-5453: website: njlsindia.org

10. Chandel, B.S., Vajpai Shail, Rachna Vajpai and J.P.Shukla (2012). "Toxicological impact of *Vitex negundo*, *Adhatoda vasica* and *Lantana camara* against *Pieris brassicae* Linn (Lepidoptera: Pieridae) In field conditions." *J. Ecophysiol. Occup. Hlth.* 12(3&4): 85-92, ISSN:0972-4397 and Online ISSN 094-0805.
 11. Chandel, B.S., Vajpai, Rachna and Vajpai Shail (2012). "Field evaluation of *Acorus calamus* and *Azadirachta indica* extracts and ingredients against mustard aphid, *Lipaphis erysimi* Kaltentbach (Hemiptera: Aphididae) on mustard in U.P." *Journal of Environment and Bio-Science.* 26(1):163-168. ISSN 0976-3384 (Online).
 12. Chandel, B.S., Shail Vajpai, Sandeep Shukla and Sunil Kumar (2012). "Deterrent effect of sweetflag, *Acorus calamus* Linn. and goatweed, *Ageratum conyzoides* Linn. to *Helicoverpa armigera* Hubner (Lepidoptera: Noctuidae)." *Journal of Environment and Bio-Science.* 26(2):89--92. ISSN 0973-6913 and online ISSN 0976-3384. www.jebs.in.
 13. Shail Vajpai and Chandel B.S. Chandel (2020). "Naturally occurring borational extractives against Bihar hair caterpillar, *Diaccrisia obliqua* walker (Lepidoptera: Arciidae)." *International Journal of Fauna and Biological Studies.* 2(4): 20-26. ISSN 2347-2677.
 14. Shail Vajpai and Chandel B.S. Chandel (2020). "An assessment of ecofriendly insecticidal toxicity of *Ocium sanctum*, *Croton tiglium* and *Zingiber officinale* extractives against Bihar hairy caterpillar, *Spilarctia obliqua* Walker (Lepidoptera: Arctiidae)." *International Journal of Advanced Academic Studies.* 2(3): 98-103. P-ISSN: 2706-8919 and E-ISSN: 2706-8927.
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