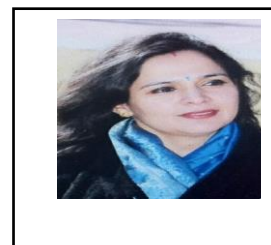


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DOB: 2nd May, 1975



Educational Qualifications

Ph.D. in Botany

Department of Botany, Panjab University Chandigarh, India (2006)
PhD Thesis: *Weed Suppressing Potential of Some Volatile Monoterpenes*, Ph.D. Supervisor: Dr. R.K. Kohli, Vice-Chancellor, Amity University, Mohali and Dr. Daizy R. Batish, Professor, Botany Department, Panjab University, Chandigarh.

Qualified U. G. C. (J. R. F.) in Life-Sciences in 1999

M. Sc. H.S. (Botany) - Department of Botany, Panjab University Chandigarh, India (1997-99)

B. Sc. H.S. (Botany) - Department of Botany, Panjab University Chandigarh, India (1994-97)

Teaching/Research Experience

- 28th February, 2017- till date
Assistant Professor in Department of Botany, GGSDS College, Chandigarh on permanent basis (Grant-in-aid)
- July 2012 to 27th February, 2017
Assistant Professor in Botany in MCM DAV College, Sector 36, Chandigarh on contractual basis
- August, 2012 to April, 2013
Resource person in Botany in PGGCG, Sector 42, Chandigarh and taught UG and PG classes
- August, 2011 to February, 2012
Lecturer in Biology and Environmental Education in Govt. College, Dera Bassi as Guest Faculty
- July, 2010 to March, 2011
Lecturer in Environment and Vocational Studies in MCM DAV College, Chandigarh on contractual basis
- 2 July, 2007 to 10 March, 2010
Lecturer on temporary basis in Botany, GGSDS College, Chandigarh. Taught Botany and Environmental Auditing to B, Sc. students
- 1 June 2000 to 18 June 2005
UGC-Junior/Senior Research Fellow in Department of Botany, Panjab University, Chandigarh

Areas of Interest

Publications

(Journal/Book Chapters)

- Botany and Environmental Sciences

Journal Publications:

- Gupta, N., Bahl, S., Bagha, A.K., Vaid, S., Javaid, M. and Haleem, A. 2021. Nanomedicine Technology and COVID-19 Outbreak: Applications and Challenges. *Journal of Industrial Integration and Management*, 6(2): 161-174.
- Vaid, S., Sharma, A. and Sharma, A. 2020. Phytotoxicity of Citronellol, Eugenol and Linalool against *Bidens pilosa* L. – a comparative study. *Weslayan Journal of Research*,

- Vaid, S. 2016. Potential of Linalool for Inhibition of *Cassia occidentalis* L. International Journal of Current Research and Academic Review, 4(1): 155-159.
- Vaid, S. 2016. Phytotoxicity of Citronellol against Two Weedy Species. International Journal of Current Microbiology and Applied Sciences, 5(1): 560-564
- Vaid, S. 2016. Inhibitory Potential of Limonene as Bio-herbicide against obnoxious weed *Parthenium hysterophorus* L. New Horizons, 13: 50-56.
- Vaid, S. 2015. Inhibition Potential of Limonene, a Volatile Monoterpene, towards *Bidens pilosa* L. International Journal of Applied Sciences and Mathematics, 2(6): 235-237.
- Vaid, S. 2015. Phytotoxicity of Citronellol against *Amaranthus viridis* L. International Journal of Engineering and Applied Sciences, 2(12): 94-96.
- Vaid, S. 2014. An Eco-friendly Approach to Weed Management. Biospectrum, 13: 1-3.
- Vaid, S. 2014. *Parthenium hysterophorus* and its Control. New Horizons, 11: 87-89.
- Vaid, S. 2012. Phytotoxicity of Linalool Towards *Bidens pilosa* L. Biospectrum, 12(1-2): 66-67.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2011. Phytotoxicity of Limonene against *Amaranthus viridis* L. The Bioscan, 6(1): 163-165.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2010. Phytotoxic effect of Eugenol towards Two Weedy Species. The Bioscan, 5(3): 339-341.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2005. Allelopathic Effect of Linalool Against *Parthenium hysterophorus* L. International Journal of "Bioscience Reporter", 3(1): 76-81.
- Singh, H.P., Batish, D.R., Kaur, S., Vaid, S., Kohli, R.K. 2004. Weed Suppressing Ability of Some Monoterpenes. Journal of Plant Diseases and Protection, 19: 821-828.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2004. Phytotoxicity of Citronellol, a Volatile Monoterpene, against *Bidens pilosa* L. Bulletin of Environmental Sciences, 1: 73 – 76.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2004. Allelopathic Effect of Citronellol against Three Weedy Species. Bulletin of Agricultural Sciences, 1: 27-29.

Book Chapters:

- Vaid S. 2024. Green Energy: The Energy of the Future. In: *Sustainable Development in India: Strategies and Way Ahead*, ISBN 978-81-970010-1-7. Dr. Ruchi Sharma (ed), Dr. Mani Parti, Dr. Kapil Dev and Ms. Shipra Bansal (co-eds). pp. 103-111. Mohindra Publishing House, Chandigarh.
- Vaid S. 2022. A Study to Determine the Herbicidal Potential of Citronellol on Two Local Noxious Weeds in Terms of Visible Injury. In: *Issues, Challenges and Opportunities in Science and Technology*, ISBN 978-81-290-0251-8. Harpreet Kaur (ed.) pp. 112-116. New Era Book Agency, Chandigarh.
- Vaid S. 2018. Extent, Prevention and Management of Drug Abuse. In: *Environment, Road Safety Education, Violence against Women and Children, Drug Abuse*, ISBN 978-93-86558-26-8. Dr. Jasamrit Kaur and Dr. Samriti Dhawan (eds.). pp. 280-291. Mohindra Publishing House, Chandigarh.
- Vaid, S., Batish, D.R. and Kohli, R.K. 2009. Potential of Monoterpenes for Weed Management. In: *Plant Physiology in Agriculture and Forestry*, ISBN 8179102726. P.C. Trivedi (ed). Pp. 98-104. Aavishkar Publishers and Distributors, India.
- Vaid, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2005. Allelopathy and Weed Management. In: *Applied Botany*, ISBN 8179101223. P.C. Trivedi (ed). pp. 27-43. Aavishkar Publishers and Distributors, India.

Seminars/ Conferences/Symposiums (Paper Presented)

- Presented an oral paper entitled “Phytotoxicity of Citronellol against *Cassia occidentalis* L.” during 17th CHASCON (Chandigarh Science Congress) held at and organized by Panjab University, Chandigarh from 6th to 8th November, 2024.
- Presented an oral paper entitled “Green Energy: The Energy of the Future” during ICSSR Sponsored International Seminar on “Sustainable Development in India: Strategies and Way Ahead” organized by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 27th February, 2024.
- Presented an oral paper entitled “Phytotoxicity of Limonene against *Cassia occidentalis* L.” during Shri Upkar Krishan Sharma Memorial International Seminar on “Lab to field: Need for Translational Research” organized by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh and Indian Science Congress Association Chandigarh Chapter on 09th January, 2024.
- Presented a poster entitled “Nanotechnology and Plant based Products” during DBT sponsored 3rd National Seminar on “Recent Advances in Physics”-RAP-2023 organized by Department of Physics and IIC, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 07th October, 2023.

- Presented a poster entitled “Phytotoxicity of Limonene against *Amaranthus viridis*” during 5th National Seminar on “Recent Advances in Materials Science” organized by Department of Physics, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 30th September, 2022.
- Presented a poster (co-authored with Dr. Shivani Saini) entitled “Biotechnological Interventions for the Improvement of Salinity Stress in Rice” during a National Symposium on Biotechnology: Trends and Innovations organized by Department of Biotechnology, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh from 7th to 8th February, 2020.
- Presented a paper entitled, “Phytotoxicity of Linalool, Citronellol and Eugenol against *Bidens pilosa* L. – A Comparative Study” in National Conference on Recent Advances in Plant and Agricultural Sciences organized by Shri Guru Granth Sahib World University, Fatehgarh Sahib on 15th and 16th March, 2019.
- Presented a poster entitled “Inhibitory potential of Limonene against obnoxious weed *Parthenium hysterophorus* L.” in Bio-camp 2018, a National Symposium on Current Trends and Future Prospects in Biotechnology, sponsored by TEQIP-III, organized by Department of Biotechnology, UIET, Panjab University, Chandigarh on 1st and 2nd November, 2018.
- Presented a paper entitled “Inhibitory Potential of Limonene against *Parthenium hysterophorus*” during a National Seminar on Reforms to Transform India sponsored by ICSSR and held at Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 27th March, 2018.
- Presented a paper entitled “Phytotoxic Potential of Limonene against *Bidens pilosa* L.” during National workshop on Emerging Trends in Optical Techniques and Photonics organized by PGGC, Sector 11, Chandigarh and sponsored by CREST on 4th February, 2016.
- Presented a poster entitled “Yucca Moth and Yucca Plant” during National Seminar on Recent Trends in Animal Behavior organized by Department of Zoology, MCM DAV College, Chandigarh and sponsored by College Development Council, Panjab University, Chandigarh on 2nd March, 2015.
- Presented a poster titled “Phytotoxic Effect of Eugenol Towards two Weedy species” during 7th National Conference on Recent Advances in Chemical, Biological and Environmental Sciences organized by M.M. Modi College, Patiala on 30th and 31st January, 2015.
- Presented a paper titled “Comparative Toxicity of Citronellol, Eugenol and Linalool against *Bidens pilosa* L.” during 7th National Conference on Recent Advances in Chemical, Biological and Environmental Sciences organized by M.M. Modi College, Patiala on 30th and 31st January, 2015.
- Presented a paper entitled “Allelopathic Potential of Limonene Against *Bidens pilosa*” during National Seminar on Biotechnology Revolution – its Socio-Economic Impact sponsored by UGC and held at PGGCG, Sector- 42, Chandigarh on 22nd February, 2012.
- Presented a poster entitled “Allelopathic Potential of Eugenol Against *Parthenium hysterophorus* L.” organized by 8th Punjab Science Congress, Punjabi University, Patiala from 7th to 9th

February, 2005.

- Presented a poster entitled “Allelopathic Effect of Eugenol Against Two Weedy Species” during 91st Annual session of Indian Science Congress Association organized by Panjab University, Chandigarh from 3rd to 7th January, 2004.

**Refresher
Courses/Workshops/
Training Programmes**

- Online- NEP2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC organized by UGC- Malaviya Mission Teacher Training Centre (MMTTC), Panjab University, Chandigarh from 16th to 29th February, 2024.
- One-Week FDP “Subject-Specific Benchmarking of Learning Outcomes: Outcome-Based Education” jointly organized by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh and Guru Angad Dev Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi from 26th October to 1st November, 2023.
- 2-weeks Inter-disciplinary Refresher Course in “Advanced Research Methodology” conducted by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with M.V.S. Government Arts and Science College (Autonomous), Mahabubnagar, Telangana under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 22nd May, 2023 to 5th June, 2023.
- ‘State-level Workshop on Eradication of Single Use Plastic and Propagation of Medicinal and Aromatic Plants-MAPS’ organized by Department of Environment, Chandigarh Administration, Goswami Ganesh Dutta Sanatan Dharma College and Yuvsatta and held at Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 28th March, 2022.
- 7-Days Online FDP on “Re-engineering the role of Teachers as Mentors” conducted by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh in collaboration with HRDC, Panjab University, Chandigarh under RUSA 2.0 grant from 22nd to 28th July, 2021.
- 14-Days UGC-Sponsored Refresher Course on Environment Studies conducted by UGC-HRDC, Panjab University, Chandigarh from 24th December, 2020 to 6th January, 2021.
- 7-Days Online FDP on “Delibrations on NEP 2020: Strategy for Implementation” conducted by Department of Community Education and Disability Studies, Panjab University, Chandigarh in collaboration with UGC-HRDC, Panjab University, Chandigarh from 7th to 13th October, 2020.
- 7-Days National Online FDP on “e-Learning and Techno-Pedagogy” conducted by Guru Teg Bahadur National College, Dakha, Punjab from 20th to 26th July, 2020.
- 6-Days INYAS_CUPB Online Lecture Workshop ‘tangled bank’ by Central University of Punjab, Bathinda from 31st May to 6th June, 2020.
- National Online Workshop on “Nutrient Management options for Boosting Organic Agriculture” by Mata Gujri College, Fatehgarh Sahib from 28th to 30th May, 2020.
- Six days Online Workshop on Research Ethics and Quantitative Techniques for Research and Publications organized by College Library, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh from 25th to 30th April, 2020.

- One-week Faculty Development Programme on Biological Data Analysis and Data Science organized by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh under Rashtriya Uchchatar Shiksha Abhiyan (RUSA), Director Higher Education (DHE), Chandigarh Administration from 27th February, 2020 to 4th March, 2020.
- National Workshop on RTI: Awareness, Issues and Challenges organized by Centre for Academic Leadership and Education Management (CALEM), Panjab University, Chandigarh under the aegis of PMMMNMTT of HRDC and held at ICSSR Complex, Panjab University, Chandigarh from 7th to 8th June, 2019.
- UGC-sponsored 28-Days Orientation Programme organized by the UGC-Human Resource Development Centre, Panjab University, Chandigarh from 11th December, 2018 to 7th January, 2019.
- Orientation Workshop on Foldscope sponsored by DBT and held at Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 20th and 21st August, 2018.
- One-week Instructional Skills Workshop (FDP) of the University of the Fraser Valley, organized by Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh from 11th to 17th December, 2017.
- One-day workshop on Instrumentation Techniques in Chemistry organized by the Resonance Club of the Department of Chemistry, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh on 15th March, 2017.
- National Workshop for Faculty Development sponsored by Dean College Development Council, Panjab University, Chandigarh held at MCM DAV College, Sector 36-A, Chandigarh on 19th March, 2016.
- 7-days Capacity building Workshop “To Generate Innovative Ideas and Knowledge – a Step towards Inter-disciplinary Approach” under RUSA scheme organized under the aegis of Department of Higher Education, Chandigarh Administration held at PGGCG, Sector 42, Chandigarh from 20th to 26th February, 2016.
- One-week Hands-on Workshop in Applied Biotechnology organized by Departments of Biotechnology and Bioinformatics, DAV College, Sector 10, Chandigarh jointly with the Association of Microbiologists of India (Chandigarh Unit) from 21st to 28th February, 2015.
- Two weeks Faculty Development Programme sponsored by Department of Science and Technology, New Delhi and organized by Regional Centre for Entrepreneurship Development, Chandigarh and University Institute of Hotel and Tourism Management, Panjab University, Chandigarh held at University Institute of Hotel and Tourism Management, Panjab University, Chandigarh from 17th to 28th November, 2014.
- Two Days Workshop on Patents: Empowering Biotech Industry held at Goswami Ganesh Dutta Sanatan Dharma College, Sector 32, Chandigarh on 15th and 16th November, 2013.

Invited Talks

- Invited as a judge for evaluation of e-posters of a poster competition organized by Panjab University, Chandigarh and

Punjab State Council for Science and Technology, Chandigarh at PGGCG, Sector 42, Chandigarh during Science week on 24th February, 2022.

- Invited as a resource person to deliver a Guest talk on the topic “Weed Management” to Agri-Graduates, the participants of Vocational Training Programme AC and ABC (Agri-Clinic and Agri-Business Centre) in Regional Institute of Co-operative Management, Chandigarh on 5th February, 2021.
- Invited as a resource person to deliver a Guest talk to Agri-Graduates, the participants of Vocational Training Programme AC and ABC (Agri-Clinic and Agri-Business Centre) in Regional Institute of Co-operative Management, Chandigarh on 6th February, 2020.
- Invited as a resource person (judge) in Kendriya Vidyalaya Sangathan 27th Regional Level National Children Science Congress (NCSC, 2019-20) held in Kendriya Vidyalaya, Sec 80, Mohali on 7th and 8th November, 2019.

Projects

- Dr. Supriya Vaid (PI) and Dr. Anu Sharma (Co-PI) received a Research Grant for a Research Project entitled “Evaluation of anti-microbial, anti-fungal and anti-oxidant properties and identification of the Phenolic and Flavonoid Compounds of some selected underutilized plants present in Chandigarh” of Rs. 1,30,000/- from Panjab University Alumni Association Fund. First installment of Rs. 78,000/- (60% of fund) received in August, 2020 and Second installment of Rs. 52,000/- (40% of fund) in February, 2022. The project was successfully completed and the report was submitted in August, 2022.

MOOCS/Online Content NIL

M. Phil Dissertation Supervised NIL

PhD Thesis NIL

Administrative Experience

- Member Undergraduate Board of Studies in Environment Education of Panjab University, Chandigarh from 1st April, 2023 to 31st March, 2025.
- Successfully conducted Panjab University Semester Exams in 2018 and 2022 (as Deputy Superintendent) and continuing as Centre Superintendent in CHD 11 during December, 2024 Panjab University Semester Exams.

Memberships

- Life Member of Panjab University Alumni Association, Chandigarh.
- Life Member of National Environment Science Academy, New Delhi.
- Life Member of Association of Biology Teachers (Colleges), Patiala.
- Life Member of K. K. Nanda Foundation, Chandigarh.
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FACULTY NAME: DR. SUPRIYA VAID