

ACADEMIC PROFILE

1. **Name:** Dr. Shaiphali Saxena
2. **D.O.B.:** 1st of January, 1993
3. **Designation:** Assistant Professor (Botany)
4. **Qualification:** M.Sc. (Botany), U-SET, Ph.D., NET (ICAR)
5. **Specialization:** Plant Pathology (M.Sc.), Plant Physiology (Ph.D.)
6. **Publications:**



i) **Book(s)/Book Chapter(s):**

1. **Saxena, S.** 2020. Medicinal biome: from tradition to modernized pharmacy. In book: Natural products and their utilization pattern (Eds. Tewari, G., Tewari, A., Tewari, L.M. and Pande, C.). Nova Science Publishers Inc., New York, USA. (**SCOPUS indexed**).

ii) **Research Articles:**

1. **Saxena, S.** and Rao, P.B., 2022. Traditional Utilization and Pharmacology of *Cinnamomum glanduliferum* (Wall.) Meisn.: A Review on Current Research Status. *Notulae Scientia Biologicae*. 14(2): 11204. (**SCOPUS indexed; UGC Journal No. 46380**).
2. **Saxena, S.** and Rao, P.B. 2021. Comparative GC-MS and FT-IR analysis of *Portulaca oleracea* L. and *Portulaca quadrifida* L. leaf extracts. *The Pharma Innovation Journal*. 10(12): 40-48. (**NAAS Rating: 5.23**).
3. **Saxena, S.** and Rao, P.B. 2021. Pharmacological and phytochemical assessment of *Anagallis arvensis* L. leaf extracts. *Asian Journal of Chemistry*. 33(8): 1831-1841. (**Impact Factor: 0.493; UGC Journal No. 8774, SCOPUS indexed**).
4. **Saxena, S.** 2021. Reviving the ethnomedicinal knowledge of Manila, District Almora (Uttarakhand). National Multidisciplinary E-Conference on Research in Science & Technology for Sustainable Development organized by Rajshree Shahu Science College, Amravati (M.S.) sponsored by Indian Science Congress Association. Issue: 287 (**Impact factor: 7.675**).
5. **Saxena, S.** 2021. Burnt weed smoke can enhance plant growth: a proper weed management. *International Journal of Trend in Scientific Research*

and Development. 5(3): 728-730. (**Impact Factor: 6.410**).

6. **Saxena, S.** 2020. The current research status of endangered *Rhynchosyilis retusa* (L.) Blume: a review. *Asian Journal of Research in Botany*. 4(2): 16-25.
7. **Saxena, S.,** Rawat, D.S. and Rao, P.B. 2020. *Malvastrum coromandelianum* (L.) Garcke: an invasive weed with multiple ethnopharmacological properties. *International Journal of Pharmacognosy and Phytochemical Research*. 12(1): 16-22. (**Impact Factor: 1.334; UGC No. 23335, SCOPUS indexed**).
8. **Saxena, S.** and Rao, P.B. 2018. Invasive alien plants: valuable elixir with pharmacological and ethnomedicinal attributes. *International Journal of Trend in Scientific Research and Development*. 2(3): 2063-2092. (**Impact Factor: 4.101**).
9. **Saxena, S.** and Rao, P.B. 2018. GC-MS screening of bioactive constituents and antioxidant profiling in an invasive weed, *Malvastrum coromandelianum* (L.) Garcke. *The Pharma Innovation Journal*, 7(4): 738-746. (**Impact Factor: 5.98; UGC No. 46096; NAAS rating: 5.03**).

7. **Teaching Experience:** 4 years (undergraduate classes)

8. **Research Experience:** Nil

9. **Awards/Recognitions:**

- i) Guest Reviewer of the “*Journal of Agricultural Science and Practice*” (JASP) 29th of Jul-2020.
- ii) Guest Reviewer of the “*Oriental Journal of Chemistry*” (OJC), Volume 37 Issue 5.
- iii) Guest Reviewer of the “*Oriental Journal of Chemistry*” (OJC), Volume 38 Issue 1.
- iv) Two times guest reviewer of the “*Academia Edu Letters*” published by Academia Edu.
- v) Conferred two times with “*Young Scientist Award*” in the International Scientist Awards on Engineering, Science, and Medicine by VDGGOOD Professional Association in the year 2020 as well as 2021.
- vi) Conferred with “*Research Award*” in the International Conference for Award Winners in Engineering, Science and Medicine by INSO in the year 2023.
- vii) Peer Reviewer of the “*Journal of Diseases and Medicinal Plants*” of Science Publishing Group.
- viii) Guest Reviewer of the “*Journal of Advances in Microbiology*” 21st of Jan-2022 (**Certificate No: SDI/HQ/PR/Cert/78976/SHA**).

- ix) Guest Reviewer of the “*Asian Journal of Research in Botany*” 22nd of Mar-2022 (Certificate No: SDI/HQ/PR/Cert/85301/DRS).
- x) Guest Reviewer of the “*Asian Journal of Biology*” 08th of Oct-2022 (Certificate No: SDI/HQ/PR/Cert/92607/DRS).
- xi) Guest Reviewer of the “*Annual Research and Review in Biology*” 26th of Oct-2022 (Certificate No: SDI/HQ/PR/Cert/93204/DRS).
- xii) Guest Reviewer of the “*Asian Journal of Research in Biology*” 23rd of Nov-2022 (Certificate No: IKP/PR/Cert/11154/DRS).
- xiii) Guest Reviewer of the “*Asian Journal of Research in Animal and Veterinary Sciences*” 21st of Jan-2023 (Certificate No: SDI/HQ/PR/Cert/95954/DRS).
- xiv) Guest Reviewer of the “*Asian Food Science Journal*” 2nd of Feb-2023 (Certificate No: SDI/HQ/PR/Cert/96250/DRS).

10. Number of Research Project(s): Nil

11. Number of PhDs awarded: Nil

12. Number of candidates working for PhD degree: Nil

13. Seminar/Conferences/Workshops/Orientations attended and presented papers:

- i) Attended one-day workshop on “Space Technology and Its Applications” on 7th of March-2013, conducted by IIRMR, Jaipur, sponsored by NNRMS, ISRO, Bangalore and organized in R.H.G.P.G. College, Kashipur, U.S. Nagar, Uttarakhand.
- ii) Participated as a delegate in the “International Seminar on Role of E-Learning in Quality Education” on 22 and 23rd of February-2015, held at R.H.G.P.G. College, Kashipur, U.S. Nagar, Uttarakhand.
- iii) Participated in one-day workshop on “Analysis of Food Testing Parameters” on 27th of November-2016 at Centre of Excellence for Mountain Biology (CEMB), Uttarakhand Council of Biotechnology (UCB), Biotech Bhavan, Haldi, U.S. Nagar, Uttarakhand.
- iv) Attended short courses on “Downstream Processing” held from 12th to 14th of December-2016 at IIT-Delhi.
- v) Presented paper entitled “Evaluation of Antioxidant Capacity and Total Phenolic and Flavonoid Contents of Some Selected and Conventionally Accrued Wild Edible Fruits of Kumaun Himalaya” held from 15th to 17th of September-2017, during XXXX All India Botanical Conference of the Indian Botanical Society and National Symposium at Punjab University, Patiala.

- vi) Presented research paper entitled “Therapeutic Evaluation of Some Selected and Conventionally Accrued Invasive Alien Plant Species of Kumaun Region” from 7th to 9th of March-2018, at Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun.
- vii) Presented poster entitled “Assessment of Anti-inflammatory Activity, Antioxidant Potential and Tracer Elements of Some Selected Invasive Alien Weed Species” held from 13th to 14th of October-2018 in 9th Conference of Indian Science Congress Association, organized by the Department of Biological sciences, C.B.S.H., G.B.P.U.A.&T., Pantnagar, U.S. Nagar, Uttarakhand.
- viii) Completed two weeks FDP (Faculty Development Programme) on “Managing Online Classes and Co-creating MOOCs 3.0” with **Grade- A** held from 25th of July-2020 to 10th of August-2020 organized by TLC, Ramanujan College, University of Delhi under the aegis of Ministry of Education (Govt. of India) PMMMMNMTT.
- ix) Undergone Beginner’s Course of Rovers & Rangers (online) held from 10th of August-2020 to 12th of August-2020 organized by The Bharat Scouts & Guides, Uttarakhand.
- x) Presented research paper entitled “Reviving the Ethnomedicinal Knowledge of Manila, District Almora (Uttarakhand)” in National Multidisciplinary E-Conference on Research in Science & Technology for Sustainable Development held on 23rd of March-2021, organized by Rajshree Shahu Science College, Amravati (M.S.), sponsored by Indian Science Congress Association (ISCA).
- xi) Completed one week FDP (Faculty Development Programme) on “Philosophical Methodologies in Higher Education: Research & Teaching” with **Grade A+** held from 22nd of March-2021 to 28th of March-2021 organized by TLC, Ramanujan College, University of Delhi under the aegis of Ministry of Education (Govt. of India) PMMMMNMTT.
- xii) Completed four weeks FIP (Faculty Induction Programme) / Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” with **Grade A+** held from 16th of April-2021 to 15th of May-2021 organized by TLC, Ramanujan College, University of Delhi under the aegis of Ministry of Education (Govt. of India) PMMMMNMTT.
- xiii) Completed two weeks Refresher Course in Botany with **Grade A+** held from 2nd of June-2022 to 15th of June-2022 organized by UGC-HRDC Bharathiar University, Coimbatore.

14. Seminars/Conferences/Workshops organized as Convener and Co-convener:

- i) Organized one-day workshop cum seminar on “Women Empowerment and Self-defense” held on 28th of December-2019 as a convener.
- ii) Organized one-day workshop cum seminar on “Drug Abuse and Its Prevention” held on 15th of November-2019 as a convener.
- iii) Organized one-day webinar on “Biodiversity and Its Conservation” held on 5th of June-2020 on the occasion of World Environment Day as a convener.
- iv) Organized National Webinar on “Climate Change and Green Technological Approaches for Adaptation” held on 31st of July-2021 as a co-convener.

15. Any Other Information:

- a.) **Incharge:** Different college committees.
- b.) Annual member, Indian Botanical Society (IBS).
- c.) Rosalind Member of London Journal of Research in Science: Natural and Formal (LJRS), London Journal Press (U.K.).