

CURRICULUM – VITAE

Name: Dr. SAROJ CHAUHAN

Designation & correspondence Assistant Professor,
Department of Entomology
Institute of Agriculture and Natural Sciences,
(Faculty of Agriculture)
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Academic Qualifications:

Exam. Passed	Year	Institution/University	Board University	%
High School	1998	R.S.M.H.S. School, Gorakhpur	C.B.S.E., New Delhi	58.83
Intermediate	2000	M. P. Inter College, Gorakhpur	U.P. Board, Allahabad	57.60
B. Sc.	2003	D.D.U. Gorakhpur, University, Gkp	D.D.U. Gorakhpur University, Gkp	58.44
M.Sc. Zoology (Entomology)	2005	D.D.U. Gorakhpur, University, Gkp	D.D.U. Gorakhpur University, Gkp	65.33
B.Ed.	2011	Pt. A.P.N. Degree College CollegeDumariHariharpur, Sant Kabir Nagar	D.D.U. Gorakhpur University, Gkp	63.30
Ph.D.* Zoology	2010	D.D.U. Gorakhpur, University, Gkp	D.D.U. Gorakhpur University, Gkp	-

* Title of the Ph. D. Thesis: “*Studies on molluscicidal properties of common plants in ponds*”

Specialization: Toxicity, Biochemistry & Integrated Pest Management

Other Qualification: Computer Course-CCC Year 2016 from NILET, Gorakhpur.

Fellowship, Honours and Awards:

1. **Senior Research Fellowship (Indian Council of Medical Research, New Delhi):** (Two Years, June 2008-June 2010): Sponsored by Indian Council of Medical Research, New Delhi, entitled on “Studies on herbal formulation from common medicinal plants used against vector snails in Tarai region of Eastern Uttar Pradesh”.

Post Doctoral Experiences:

2. **Women Scientist-B (Department of Science & Technology, New Delhi):** From 28nd November 2011-27th January 2012: **Project title-**“Fascioliasis disease status in Gorakhpur and their control through locally available plants”.
3. **Post-Doctoral Fellow (University Grant Commission, New Delhi):** From 28nd January 2012 to 27th January 2017: **Project title-**“Eco-friendly approach to manage the fascioliasis infection in cattles and live-stock in Tarai region of U.P.”.
4. **Award:** Awarded for **outstanding contribution in Research and Teaching in the field of Higher Education** by DDU Gorakhpur University, Gorakhpur. September 5, 2022.

Teaching Experience: 08 Years and 05 months.

Programme-B.Sc. & M.Sc.: From session 2012 to session 2017 in Zoology Department, D.D.U. Gorakhpur, University, Gkp.

Programme-B.Sc. (Ag.) & M.Sc. (Ag.): From session 2021-till the date at IANS in the department of Entomology.

Current Employment:

Currently working as Assistant Professor (in the Deptt. of Entomology at Institute of Agriculture and Natural Sciences, DDU Gorakhpur University Gorakhpur, since November 2021 till now.

Supervisor: Supervisor of Masters students for Masters Research (Thesis)

- i. 13 (thirteen) MSc (Ag.) Entomology Students successfully completed their Master's Research (thesis) under my supervision.
- ii. 03 students ongoing their Masters Research

Members of Editorial Board of the National / International Journal:

Reviewer: Current Research Journal of Biological Sciences, Brazil.

Training completed:

National level training workshop on "Conservation of Macro Fauna of Riverine Ecosystem" for University Professors organised by **Wildlife Institute of India (WII)**, Dehradun from **11-14 February, 2025** sponsored by National Mission for Clean Ganga (NMCG) under Ministry of Jal Shakti, Government of India.

Other Responsibilities:

- Co-Ordinator Entomology Department (2021-Feb 2024 till now) Institute of Agriculture & Natural Sciences (IANS)
- Member of Departmental Quality Assessment Committee (DQAC) (2024).
- Purchase Committee Member IANS, DDU Gorakhpur University Gorakhpur (2024-Feb Feb 2025).
- Member of GUWWA ((Gorakhpur University Women Welfare Association) DDU Gorakhpur University Gorakhpur.
- Member of UG & PG admission (Faculty of Agriculture)

PUBLICATIONS

Patents

1. Vikas Kumar, Ritesh Kumar, Noopur Singh, **Saroj Chauhan** and Nikhil Raghuvanshi (2024): **Solar-Powered Multi-Insect Trap**. (Reference Number-202411047760 A). Sponsoring agency IPR. National.

Book

1. **Saroj Chauhan & Ajay Singh (2012).** "Ecofriendly control of disease causing snail". Lambert Academic Publishing House, Germany. ISBN No. 978-3-659-24229-8.

Book Chapters

1. **Saroj Chauhan** and Ajay Singh (2014): A detail review on *Euphorbia tirucalli*, a plant of family Euphorbiaceae. Daya Publishing House, New Delhi. Natural Products: Research Review. 2:177-188. ISSN No. 9789351301059. Astral Publication.
2. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2016): Review on the natural aspects of medicinal plant *Codiaeum variegatum* (Family: Euphorbiaceae). Daya Publishing House, New Delhi. Natural Products: Research Reviews. 4:439-449. ISSN No. 9789351246862. Astral Publication.
3. Hausila Prasad Singh, Vinay Rojaria, Noopur Singh, **Saroj Chauhan** and Om Prakash Raigar, (2024): Breeding of *Jatropha* for oil, phorbol and quantitative traits for sustainable yield under agroforestry. Book title: **Agroforestry to combat Global Challenges: Current prospectus and future Challenges**. Springer Nature Singapore. Vol. 36, pp. 383-405. 978-981-9972-84-5.
4. Pawan Kumar, Arun Kumar, Jatin Kumar Singh, Pradumn Kumar Mourya and **Saroj Chauhan** (2024): Semio Chemicals- An Overview. Elite Publishing House, New Delhi. **Innovative Approaches in Plant Protection**. ISBN: 978-93-58999-02-0. pp. 28-50.
5. **Saroj Chauhan**, Ritesh Kumar, Balwant Yadav and Sandeep Kumar Singh (2024): Rural Development Through Beneficial Insect Pests. Today and Tomorrow's Printers and Publisher, New Delhi. **Advances in Agricultural Extension**. ISBN: 9788197361234.

Research Papers

1. **Saroj Chauhan** and Ajay Singh (2010): Molluscicidal potential of *Lantana indica* and *Alstonia scholaris* plants against freshwater snail *Lymnaea acuminata*. *The Internet Journal of Toxicology*, U.S.A. Vol. 7, Number 2. ISSN No. 1559-3916.
2. **Saroj Chauhan** and Ajay Singh (2010): Molluscicidal evaluation of common medicinal plants in pond. *Argonauta*, Italy, 19: 34-42.
3. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2011): Eco-Friendly Management of *Lymnaea acuminata*, Snail Vector of Fascioliasis in Livestock in Eastern Uttar Pradesh. *Global Veterinaria*; 7(1):10-18. ISSN No. 1992-6197.
4. **Saroj Chauhan** and Ajay Singh (2011): Impact of Taraxerol in combination with extract of *Euphorbia tirucalli* plant on biological parameters of *Lymnaea acuminata*. *Revista do Instituto de Medicina Tropical de Sao Paulo*, Brazil; 53(5):265-270. ISSN No. 1678-9946.
5. **Saroj Chauhan** and Ajay Singh (2011): Molluscicidal and ovicidal activity of Euphorgenol against two freshwater harmful gastropods. *Indian Journal of Natural Products and Resources*, 2(4):452-457. 0976-0512 .IF 0.8.
6. **Saroj Chauhan** and Ajay Singh (2012): A Comparative Study of Toxic Effect of a *Euphorbia*'s Plant *Euphorbia tirucalli* Against Two Freshwater Harmful Snails in Laboratory as Well as in Pond and its Effect on Their Reproductive Physiology. *World Journal of Zoology*, 7 (3): 258-263. ISSN No. 1817-3098.
7. Jaya Shahi, **Saroj Chauhan** and Ajay Singh (2013): Comparative study on the haematological effect of synthetic and plant origin pesticides on fish *Channa punctatus*. *Indian Journal of Natural Products and Resources* 4(1):48-53. ISSN No. 0976-0512.

8. Jaya Shahi, **Saroj Chauhan** and Ajay Singh (2013): Effects of Bleached Kraft Pulp and Paper Mill Effluents (BKME) on the Biochemical and Hematological Parameters of Fish *Channa punctatus*. World Journal of Fish and Marine Sciences 5 (5): 556-562, 2013. ISSN No. 2078-4589.
9. **Saroj Chauhan** and Ajay Singh (2014): Eco-friendly management of harmful snail population by using *Alstonia scholaris*. Journal of Biology and Earth sciences. 4(1): B66-B71. ISSN No. 2084-3577.
10. **Saroj Chauhan** and Ajay Singh (2015): Molluscicidal effects of medicinal plants *E. tirucalli* on the harmful snails in experimental ponds. World Journal of Zoology. 10 (1): 47-53. ISSN No. 1817-3098.
11. **Saroj Chauhan** and Ajay Singh (2016): Toxicological investigation and anti-reproductive effect of phyto-molluscicides against harmful aquatic snail. European Journal of Biological Research. Vol. 6 (4):260-266.ISSN 2449-8955.
12. Km Rinki, **Saroj Chauhan**, Pawan Kumar, Ritesh Kumar (2023): Seasonal Incidence of Diamond Back Moth in Broccoli (*Brassica oleracea* var. *italica*). *International Journal of Plant & Soil Science*, **35 (18):2071-2075**.ISSN: 2320-7035.
13. Jatin Kumar Singh, **Saroj Chauhan**, Pawan Kumar and Ritesh Kumar (2023): Seasonal Incidence of Insect Pests of Tomato (*Lycopersicum esculentum* Miller). *International Journal of Environment and Climate Change*, **13 (10):1369-1375**.ISSN No. online 2581-8627. DOI: 10.9734/IJECC/2023/v13i102789.
14. Pradumn Kumar Mourya, **Saroj Chauhan**, Pawan Kumar and Ritesh Kumar (2023): Seasonal Incidence of Sucking Insect Pests in Brinjal (*Solanum melongena* L.). *Biological Forum-An International Journal* :15(8): 515-519.ISSN No. online 2249-3239.
15. Aryan Arya, Ritesh Kumar, Pawan Kumar, **Saroj Chauhan** and Ishtiyah Ahad (2023): Evaluation of different Bio-Pesticides against Mango Hoppers in Eastern Uttar Pradesh. *Biological Forum-An International Journal*. 15(10): 408-414.ISSN No. (Online): 2249-3239.
16. Vartika Pandey, **Saroj Chauhan**, Pawan Kumar, Ritesh Kumar (2024): “Studies on seasonal incidence of foliage insect pest of cabbage (*Brassica oleracea* var. *capitata*)” *Journal of Experimental Zoology, India*.Vol. 27, No. 1, pp. 981-985.ISSN 0976-1780. DOI: <https://doi.org/10.51470/jez.2024.27.1.981>.
17. Aryan Arya, Ritesh Kumar, **Saroj Chauhan**, Naveen Kumar and Ishtiyah Ahad (2024): Seasonal Incidence and Effect of Abiotic Factors on Mango Leaf Hopper (*Amritodus atkinsoni* L.) Population on Different Cultivars of Mango in Eastern Uttar Pradesh, India. *Journal of Advances in Biology & Biotechnology*.27(6):563-573. DOI: <https://doi.org/10.9734/jabb/2024/v27i6916>. ISSN **2394-1081**.
18. Diplal Chaudhary, **Saroj Chauhan**, Ritesh Kumar and Jatin Kumar Singh (2024): Seasonal incidence of shoot and fruit borer (*Earias vittella*) in Okra. *International Journal of Plant and Soil Sciences*. 36(8): 309-315. DOI: <https://doi.org/10.9734/ijpss/2024/v36i84859>. ISSN No. **2320-7035**.
19. Rajesh Kumar Gautam, Ritesh Kumar, **Saroj Chauhan** and Pradumn Kumar Mourya (2024): Assessing the Effectiveness of Various Chemicals against the Yellow Stem Borer in Rice. *Uttar Pradesh Journal of Zoology*, 45(17):156-166. DOI: <https://doi.org/10.56557/upjoz/2024/v45i174357>. ISSN No. 0256-971X.
20. Gopi Patel, **Saroj Chauhan**, **Ritesh Kumar** and Pradumn Kumar Mourya (2024): Management of Rice caseworm (*Nymphula depunctalis*) in rice in eastern region of Uttar Pradesh, India. *Journal of Experimental Agriculture International*, 46(8):866-874. DOI: <https://doi.org/10.9734/jeai/2024/v46i82772>. ISSN No 2231-0606.
21. Shivanand, Ritesh Kumar, **Saroj Chauhan** and Jatin Kumar Singh (2024): Efficacy of Various Insecticides against Leaf Folder *Cnaphalocrocis medinalis* (Guenée) in Rice and the Calculation of the Benefit-cost Ratio. *Journal of Advances in Biology & Biotechnology*, 27(9):612-621. DOI: 10.9734/JABB. ISSN No. 2394-1081 online.
22. Shivangi Shahi **Saroj Chauhan**, Ritesh Kumar and Jatin Kumar Singh (2024): Efficacy of Newer Insecticides against Fall Armyworm, *Spodoptera frugiperda* on Maize. *Uttar Pradesh Journal of Zoology*, 45(18):514-524. DOI: <https://doi.org/10.56557/upjoz/2024/v45i184468>. ISSN No. 0256-971X.

23. Vaishnavi Mishra, **Saroj Chauhan**, Ritesh Kumar and Pradumn Kumar Mourya (2024): Efficacy of Various Insecticides against Gram Pod Borer (*Helicoverpa armigera*) Hubner in Chickpea. *Journal of Advances in Biology and Biotechnology*, 27(9):71-80. DOI: <https://doi.org/10.9734/jabb/2024/v27i91275>. ISSN: 2394-1081.
24. Harindra Gupta, **Saroj Chauhan**, Ritesh Kumar and Pradumn Kumar Mourya (2024): Assessing insecticide efficiency and economic viability for Rice Gundhi Bug (*Leptocoris acuta*) management. *Biochem-1426. Cell. Arch. Vol. 24, No. 2, pp. 3057-3062* DOI: <https://doi.org/10.51470/bca.2024.24.2.3057>. ISSN 0972-5075.
25. Virendra Tripathi, Ritesh Kumar and Ritesh Kumar and **Saroj Chauhan** (2025): Comparing the effectiveness of various insecticides on Brown Plant Hopper (*Nilaparvata lugens*) and analyzing their economic impact. *Plant Archives. Vol. 25 pp 1420-1426. ISSN No. 0972-5210. DOI Url : <https://doi.org/10.51470/PLANTARCHIVES.2025.v25.supplement-1.194>.*
26. Satish Patel, Ritesh Kumar and **Saroj Chauhan** (2025): Seasonal Incidence of Stem Borer (*Chilo partellus* L.) on Maize (*Zea mays*). *Uttar Pradesh Journal of Zoology. Voi. 46(9):87-97. ISSN No. 0256-971X. DOI: <https://doi.org/10.56557/upjoz/2025/v46i94927>*.
27. Balwant Yadav, **Saroj Chauhan**, Ritesh Kumar, Brajrajsharan Tiwari and Shailendra Kumar Mishra (2025): Impact of weather conditions on seasonal occurrence of chilli thrips (*Scirtothrips dorsalis* Hood). *J. Ent. Research. Vol.49(1): 21-24, pp 21-24. DOI: 10.5958/0974-4576.2025.00004.7*.

Abstracts

1. **Saroj Chauhan**, Sudhanshu Tiwari and Ajay Singh (2006): Molluscicidal activity of ethanolic extract of *Alstonia scholaris* stem bark. *International Symposium on Current Issues in Zoology and Environmental Sciences. India, pp. 13*.
- 2.
3. **Saroj Chauhan** and Ajay Singh (2008): Effect of synthetic pyrethroid cypermethrin on the developmental stages and abnormalities in fresh water snail *Lymnaea acuminata* (Lymnaeidae: Gastropoda). *International Seminar on Biotechnology For Today's World. India, pp. 41*.
4. **Saroj Chauhan** and Ajay Singh (2009): Possibilities of using petrol extract of *Alstonia scholaris* leaf for the control of snail *Lymnaea acuminata*, intermediate host of trematode *Fasciola gigantica*. *National conference on Biofunctions Biodiversity and Plant Resource Utilisatio. January 30 & 31, India, pp. 133*.
5. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2013): Toxicological effects of medicinal plant *E tirucalli* against harmful snails in pond. *National symposium on Advances in Zoology and Environmental Science. Gorakhpur, India, pp. 86. March 13 & 14. Department of Zoology, DDU Gorakhpur University Gorakhpur*.
6. Jaya Shahi, **Saroj Chauhan**, and Ajay Singh (2013): A comparative study on the genotoxic effect of biopesticides on fish *Channa punctatus*. *National symposium on Advances in Zoology and Environmental Science. Gorakhpur, India, pp. 111. March 13 & 14. Department of Zoology, DDU Gorakhpur University Gorakhpur*.
7. **Saroj Chauhan**, **Jaya shahi** and Ajay Singh (2013): Toxicological and reproductive assessment of medicinal plant against harmful snails. *National symposium on innovative and modern technologies for sustainable agriculture and rural development. Allahabad, India. Pp.167-168. Oct 19-20, 2013*.
8. Jaya Shahi, **Saroj Chauhan** and Ajay Singh (2013): Comparative toxicity of commonly used synthetic pesticides on freshwater fish, *Clarius batrachus*. *National symposium on innovative and modern technologies for sustainable agriculture and rural development. Allahabad, India. Pp. 169-170. Oct 19-20*.
9. **Saroj Chauhan** and Ajay Singh (2013): Laboratory evaluation of molluscicidal efficacy of medicinal plant against harmful gastropod. *International Conference Harmony. Harmony with nature in context of biotechnological intervention & climate change. November, 11-13*.

Department of Zoology, Environmental Science & Biotechnology, DDU Gorakhpur University Gorakhpur.

10. Jaya Shahi, **Saroj Chauhan** and Ajay Singh (2014): Piscicidal activity of bioactive compounds of euphorbious plants-A comparison between pond and laboratory conditions. *National seminar on recent trends in microbiology. Organised by Department of industrial microbiology.* DDU Gorakhpur University Gorakhpur. INDIA. Pp. 88. March 15, 2014.
11. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2014): Ovicidal toxicity induced by medicinal plant against harmful snail. National seminar on recent trends in microbiology. Organised by Department of industrial microbiology, DDU Gorakhpur University Gorakhpur. India. Pp. 85. March 15, 2014.
12. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2014): *Codiaeum variegatum*, a plant of family Euphorbiaceae: General facets and its medicinal values. National seminar on current issues in Zoology and Environmental sciences. Marwar Buisness School, A post graduate college, Gorakhpur. Pp. 55. 24-25 March 2014.
13. **Saroj Chauhan**, and Ajay Singh (2015): Effect of Medicinal Plant on the Embryonic Development of Harmful Snail *Lymnaea acuminata*. National Conference On Climate Change, Medicinal Plants And Public Health: Strategizing An Ethnobotanical - Social Resilience. January 27-28. E-book. www.ijreb.org.
14. **Saroj Chauhan**, and Ajay Singh (2016): Reproductive abnormalities induced by latex of medicinal plant against harmful gastropod *Indoplanorbis exustus*. National conference on Man and Biosphere, February, 9-10. Deptt. Of Zoology, Marwar. Buisness School, A post graduate college, Gorakhpur. Pp 52.
15. **Saroj Chauhan**, and Ajay Singh (2017): Assessment of molluscicidal activity of medicinal plant against harmful snail. National conference on Underutilised Plants, Food Security and Climate Link. Department of Botany, DDU Gorakhpur University Gorakhpur. Pp. 42-43. January 20-21, 2017.
16. **Saroj Chauhan** and Ajay Singh (2017): Effect of active compound Euphorginol on the biochemical parameters of harmful aquatic gastropod. National conference on Challenges of Environmental Problems in 21st Century. Deptt. Of Zoology, Marwar Buisness School, A post graduate college, Gorakhpur. Pp. 49. 26-27 March, 2017.
17. Pradumn Kumar Mourya, **Saroj Chauhan**, Jatin K Singh, V.K. Dubey, A. Rai and A Chaubey (2025): **Population dynamics of sucking pest complex in brinjal crops. Books of Abstracts-Entomology Students Conclave** organized by The Entomological Society of India, New Delhi, Department of Entomology, Assam Agricultural University, Jorhat Assam, Division of Entomology, ICAR-Indian Agricultural Research Institute, New Delhi, New Delhi. March 15-17. ISBN: 9781234567897.

Paper presentation:

1. **Saroj Chauhan**, Sudhanshu Tiwari and Ajay Singh (2006): *International Symposium on Current Issues in Zoology and Environmental Sciences*, organized by Department of Zoology (Environmental Science) and Biotechnology, DDU Gorakhpur University, Gorakhpur, in collaboration with the Indian Academy of Environmental Sciences, Haridwar, India, 11-13 November.
2. **Saroj Chauhan**, Jaya Shahi and Ajay Singh (2013): Toxicological effects of medicinal plant *E tirucalli* against harmful snails in pond. National symposium on Advances in Zoology and Environmental Science. India, pp. 86. March 13 & 14. Department of Zoology, DDU Gorakhpur University Gorakhpur.
3. **Saroj Chauhan** and Ajay Singh (2013): Laboratory evaluation of molluscicidal efficacy of medicinal plant against harmful gastropod. International Conference Harmony. Harmony with nature in context of biotechnological intervention & climate change. November, 11-13. Department of Zoology, Environmental Science & Biotechnology, DDU Gorakhpur University Gorakhpur.

4. **Saroj Chauhan** and Ajay Singh (2017): Effect of active compound Euphorginol on the biochemical parameters of harmful aquatic gastropod. National conference on Challenges of Environmental Problems in 21st Century. Deptt. Of Zoology, Marwar Buisness School, A post graduate college, Gorakhpur. Pp. 49. 26-27 March.

Workshop Attended:

1. **Sensitization Workshop on DST'S Women Scientist Scheme (WOS-A)**, organized by Sugarcane Research Station, Kunraghat, Gorakhpur in association with Department of Science and Technology, Ministry of Science and Technology, Government of India, New Delhi, 20-21, June 2007.
2. Regional Seminar on “**Intellectual Property and Innovation Management in Knowledge Era**” organized by Deen Dayal Upadhyay Gorakhpur University, Gorakhpur in collaboration with National Research Development Corporation, New Delhi, India, 21-22 July 2009.
3. 1st Uttar Pradesh Science Congress: Science for shaping the future of Uttar Pradesh. Organised by DDU Gorakhpur University Gorakhpur, India, March 2nd-4th, 2013.
4. International symposium: Frontiers of natural products research and human health and 2nd annual meeting of Indian Society for Life Science: Organized by department of Zoology, DDU Gorakhpur University Gorakhpur and Indian Society for Life Science. December 19, 2015.
5. National Workshop on Scientific Paper Writing and Effective Communication. Jointly Organized by Deptt of Biotechnology DDU Gorakhpur University Gorakhpur and Biozone Research Foundation Gorakhpur. 17-18 September, 2016.
6. National level Seminar on “Crime Dissection”. Organised by Institute of Forensic Science, Mumbai. 23rd September, 2017.
7. Workshop on Tools and Techniques in Life Sciences. Organised by Department of Zoology, DDU Gorakhpur University Gorakhpur. 25-26 March, 2019.
8. Online seminar on “Pandemic Era of Covid-19: Where we stand? Where to go?” organized by Department of Zoology, DDU Gorakhpur University Gorakhpur on June 09-10, 2020.
9. National webinar on Impact of COVID-19 in Human Life and Environment. Organised by Government Autonomous PG College of Commerce and Science Satna, (MP). Shri Rama Krishna College of Commerce and Science, Satna (MP) in association with The National Academy of Sciences, India Bhopal Chapter. July 29-30, 2020.
10. Online seminar on “Battle against Novel Coronavirus”. Jointly organised by Promega Biotech India Pvt. Ltd. And Biotechnika Info. Pvt. Ltd. 5th August 2020.
11. International E-Conference on Forensic Biology. Organised by Government Institute of Forensic Science, Nagpur, Maharashtra. 28th and 29th January 2021.
12. Webinar on 3D Bioprinting organized by Altem Technologies & Biotechnika Info Labs Pvt Ltd. 21.07.2021.
13. Webinar on “Recent Advances in Cancer Research and Treatment: Conventional and Herbal Methods”. Jointly organised by Deptt. of Botany, Rajiv Gandhi University, RGU, Arunachal Pradesh; Tata Memorial Centre, ACTREC, Navi Mumbai and Mahatma Gandhi Institute of Medical Sciences, Sewagram. September 27, 2021.
14. Participated in **Faculty Leadership Summit** on the date **5-6 September 2024** organized by **American Chemical Society** at DDU Gorakhpur University Gorakhpur.

15. Workshop on Intellectual Property Rights (IPR) Awareness Workshop: Organised by Research & Development Cell and IPR Cell, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur (U.P.), sponsored by Council of Science and Technology, Uttar Pradesh. **January 30, 2025.**
16. National Level Training Workshop on 'Conservation of Macrofauna of Riverine Ecosystem' for University Professors, organized by the National Mission for Clean Ganga (NMCG) and National River Conservation Directorate (NRCD) at the Wildlife Institute of India (WII), Dehradun, from **11th to 14th February 2025.**

Invited Lectures and Training

1. Lecture given at office of Deputy Director of Agriculture, Chargawan, Gorakhpur Uttar Pradesh on the occasion of 'Mahila Kisan Diwas'. Date **15th October, 2023.**
2. Invited lecture on **Millets Pradarsini Karyakram** at Sector headquarter, SSB, FCIL Complex Bargadwa, Gorakhpur. Date 08th December **2023.**
3. Invited lecture at Rajkiya Krishi Vidyalaya, Chargawan, Gorakhpur, 19th December **2023** on the topic "Insect pest of *Rabi* Crops and their management" for the training (Adhi. Kri. Se. Varg- 1,2,3) for development of technical knowledge and skill development.
4. Invited lecture on "Aatmanirbhar Krishak Bharat Samnwit Vikas Yojantargat" at Rajkiya Krishi Vidyalaya, Chargawan, Gorakhpur on the topic 'Agriculture Technology' date 22.02.2024 for FPOs organized at regional level.
5. Invited lecture on "Aatmanirbhar Krishak Bharat Samnwit Vikas Yojantargat" at Rajkiya Krishi Vidyalaya, Chargawan, Gorakhpur on the topic 'Processing of Agricultural Produce' on date 06.03.2024 for FPOs organized at regional level.
6. Invited lecture by Agriculture Directorate, UP (Plant Protection Section) at Rajkiya Krishi Vidyalaya, Chargawan, Gorakhpur, **training for Plant Protection Officer (PPO)** and Senior Technical Assistant (**STA**) **Group 1-** on the Insecticide Act 1968 & 1971 sampling techniques of insecticides & enforcement action on the date March 11, 2024.
7. Lecture on 'Mahila Kisan Diwas' at Krishi Bhawan Chargawan, Gorakhpur on **October 15, 2024.**
8. Invited lecture by Agriculture Directorate, UP (Plant Protection Section) at Rajkiya Krishi Vidyalaya, Chargawan, Gorakhpur, **training for Plant Protection Officer (PPO)** and Senior Technical Assistant (**STA**) **Group 1-** on the Insecticide Act 1968 & 1971 sampling techniques of insecticides & enforcement action on the date March 10, **2025.**

1. Co-Ordinator: Department of Entomology
2. Member DQAC, DDU Gorakhpur University Gorakhpur
3. Member of purchase committee (2024-2025)
4. Member of UG & PG admission (Faculty of Agriculture)
5. Member of GUWWA (Gorakhpur University Women Welfare Association)