

CURRICULUM VITAE

Dr. ANURADHA SINGH

Dr. Anuradha Singh

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h-index- 9; Citations: 264



Accomplished scientist and academician with over 15 years of experience spanning academia and industry in the fields of Microbiology, Industrial Biotechnology, Enzymology, and Food Sciences. Proven expertise in teaching, PhD supervision, publication, quality control and Quality assurance in herbal and food industries. I am looking forward to working to the best of my abilities and shouldering responsibilities to climb up in a career that will acknowledge me to learn more challenging opportunities in academics.

EDUCATION & QUALIFICATION

- 10th (Science, Maths, Biology) from **U.P Board**, (U.P) with **82 %** in 1998.
- 12th (Physics, Chemistry, Biology) from **U.P Board**, (U.P) with **73.2%** in 2000.
- B.Sc. (Botany, Chemistry and Zoology) from **Lucknow University**, Lucknow (U.P) with **62%** in 2004.
- M.Sc. in Biotechnology from **Bundelkhand University, Jhansi** (U.P) with **74.05%** in 2006
- Diploma in Management from IGNOU.
- Diploma in Computer Application.
- Doctorate of Philosophy in Biotechnology Department with thesis subjected to “**Phytoconstituent characterization and application of *Amorphophallus paeoniifolius* in development of food products**” from Jaypee Institute of Information Technology, Noida (July 2015).

TEACHING EXPERIENCE & ACADEMIC RESPONSIBILITIES

- Working as Assistant Professor (Senior Grade), Department of Biotechnology, IIIT Noida (12 Aug 2025- present)
- Working as Professor, Program chair Research, BOE chair and Placement Coordinator, School of Biosciences and Technology, **Galgotias University**, **NAAC A+ accredited**, Greater Noida (August 2021- 11 August 2025)
- Associate Professor, Research coordinator, Industry Institute Interaction Cell Co-ordinator, Department of Biosciences, Division of Life Sciences, **Galgotias University**, Greater Noida (**August 2018-till July 2021**).
- Assistant Professor, Programme Chair, Placement coordinator, Department of Biosciences, Division of Life Sciences, Galgotias University, Greater Noida (**September 2015 –August 2018**).

TEACHING EXPERIENCE

Involved in teaching of Graduate and Post Graduate students and providing practical sessions in following subjects for M.Sc. Biochemistry/M.Sc. Microbiology/ B.Sc. Agriculture/ B.Sc. Nursing and B. Tech courses:

- Enzymology
- Microbiology
- Gene Technology human welfare
- Industrial and Food Biotechnology
- Industrial aspects in life sciences
- Environmental Studies
- Biology for engineers

ACADEMIC RESPONSIBILITIES

- More than 10 years' experience of credit based higher education system and well versed with different higher education-based software's like RF Campus, Inpods, iCloudEMS, QBMS, and Learning management system (LMS).
- Committee member: University discipline committee member, School research head, SRC member, Examination committee member, Time Table Committee member, BOS Member and IQAC member, NAAC Criteria 3 member.
- Placement coordinator of Division of Life Sciences.
- Overall divisional NAAC criteria in charge of Criteria 1, 2, 3, 5 and 6.
- Lab coordinator of Division of Life Sciences till July 2019.
- Programme Chair Division of Life Sciences (2015-2019).
- Organised various events in the Division of Life Sciences.
- External examiner B. tech and B.Sc. Biotech lab at Sharda University and B.Sc. /M.Sc./PhD Life Sciences in NIU, Greater Noida.

RESEARCH EXPERIENCE

ACADEMIC PROJECTS AND TRAINING

- 5 PhD student successfully submitted thesis under my supervision (**4 degree awarded, 1 thesis submitted**)
- Presently guiding 5 PhD students in various research projects.
- "Biotechnological interventions for modulation of secondary metabolite production through immobilization and Biotic elicitation in some medicinal plants herbs" during M.Sc. at Central Institute of Medicinal and Aromatic Plants, Lucknow *C.I.M.A.P.* (CSIR LAB) in Plant Tissue Culture Division (**6 months**).
- "Studies of Plant Growth Promotion activity of *Trichoderma Harzianum*" during M.Sc. at National Botanical Research Institute, Lucknow (N.B.R.I. CSIR LAB) in Plant Pathology Department (2 months).
- Winter Training at Central Institute of Medicinal and Aromatic Plants, C.I.M.A.P. (CSIR LAB) Lucknow (25 days).

PROFESSIONAL EXPERIENCE:

Company: Surya Pharma Kanpur U.P

Post: Executive Quality Control

Duration: July 2006- November 2006

Job Profile

- Responsible for Chemical analysis, microbial analysis and herbs analysis as per API in Quality Control Laboratory.

Company: ORGANIC INDIA LUCKNOW (U.P.)

Post: Executive Quality Control

Duration: December 2006 – July 2010

Website: <http://www.organicindia.com>

ROLE: EXECUTIVE QUALITY CONTROL

Job Profile

- Responsible for Microbiological, Chemical analysis and sensory analysis in Quality Control Laboratory.
- Internal calibration of Quality control Lab equipment.
- Preparation, Update, and review of all **SOP's**.
- Validation of equipment and process.
- Conductance of Failure Mode & Effect Analysis (FMEA) for new processes and products.
- Customer complaint handling through. 8-D problem-solving approach.
- Regular monitoring of all quality control & Quality Assurance to ensure compliance and satisfactory maintenance of standards as per **ISO-9001, HACCP, GMP, GLP and Organic standards.**
- Responsible for all legal checks in the product labels.
- Facing all audits (ISO, HACCAP, Organic certifications, GMP, SQF etc.) and an active internal auditor.
- Conducted all the external audits of GMP, HACCP, KOSKER, Organic certifications.
- Responsible for generating MIS (Management Information System) for quality.
- Periodic process reviews by Waste Management through **5S, 3M & Kaizen.**

Company: Veria International (RAMA ASSOCIATES) LUCKNOW U.P

Post: Sr. Executive QC & QMS

Duration: July2010- January 2011

ROLE: SR. EXECUTIVE QC & QMS

Job Profile

- Responsible for vendor audits and selection of vendors.
- Responsible for assuring production as per GMP norms.
- Responsible for providing training to all beauty advisers and marketing team.
- Providing support for generating data base for all herbs which are used in the health supplement and cosmetics.

Company: Surya Pharma Kanpur U.P

Post: Senior Executive Quality Control

Duration: February 2011- June 2011

Job Profile

- Responsible for overall herb analysis and finished product analysis.
- Documentation support for Ayurvedic formulations.

PROJECT & PhD GUIDANCE

PhD Student:

- **Ongoing: 03, Awarded: 04, Thesis Submitted:01**
- Thesis Awarded: 04: **Title (1): Study on pectin extracted from underutilized bael (*Aegle marmelos*) fruit as a source of prebiotic for development of microencapsulated synbiotic beads.**
- **Title (2): Biochemical studies of *Clitoria ternatea* and its use as Biogel.**

- **Title (3): Bioremediation of textile dyes and effluent by *Amorphophallus Paeoniifolius* enzyme extracts: as an eco-friendly alternative.**
- **Title (4): Pharmacognostical studies of herbal plant *Boerhavia diffusa* Linn. And its adulterant.**
- Thesis Submitted: 01
- Dissertations supervised at UG and PG level: 60 Students (**Six Months dissertation**)

PUBLICATIONS

BOOK CHAPTERS:

1. Vivek Kumar Yadav, **Anuradha Singh** and Pradeep Kumar Singh (June 2024), “Microbial surfactants in food, pharmaceuticals, and agriculture” IOP Publishing Ltd 2024, Microbial Surfactants A sustainable class of versatile molecules. Online ISBN: 978-0-7503-5989-4(**SCI Indexed**)
2. Roy, S., **Singh, A.**, Prakash, A. (2024). Unlocking the Potential of Organic Farming: Balancing Health, Sustainability, and Affordability in India. In: Thakur, M. (eds) Sustainable Food Systems (Volume I). World Sustainability Series. Springer, Cham. https://doi.org/10.1007/978-3-031-47122-3_12 (**SCI Indexed**)
3. Surolia, R., **Singh, A.** (2024). Pectin—Structure, Specification, Production, Applications and various Emerging Sources: A Review. In: Thakur, M. (eds) Sustainable Food Systems (Volume II). World Sustainability Series. Springer, Cham. https://doi.org/10.1007/978-3-031-46046-3_136 (**SCI indexed**)
4. Surolia, R., Tyagi, M., **Singh, A.** (2024). A Holistic Approach: Exploring Pre, Pro, Syn, Post and Paraprobiotics in Sustainable Diets. In: Thakur, M. (eds) Sustainable Food Systems (Volume I). World Sustainability Series. Springer, Cham. https://doi.org/10.1007/978-3-031-47122-3_10 (**SCI indexed**).
5. Kiran. Jain A.K., **Singh A.** (2024) Biochemical Applications in Medicine: Pioneering to Path of Health Publishing by Elite Publishing House, 978-93-5899-151-2, Published, Jan-24
6. Kiran. Jain A.K., **Singh A.** (2024) Biochemical Techniques and Instrumentation, Publishing by Elite Publishing House, New Delhi-110089, 978-93-5899-151-2, Published, Jan-24
7. **Singh A.**, Prakash A, Choudhary R. "Bioactive Components Having Antimicrobial and Anti-cancerous Properties: A Review", Monika Thakur and Tarun Belwal (Eds): Bioactive Components, (Chapter 17): Springer Nature. 978-981-19-2366-1, Published: 01 December 2022, <https://doi.org/10.1007/978-981-19-2366-1>
8. **Singh A.**, Prakash A & Subramanayaan M. (2021). Recombinant DNA Technology. In C Tyagi, L K Tomar & V K Sharma (Eds), Multidisciplinary Aspects of Biotechnology (pp. 89-115). Mauritius: Lambert Academic Publishing.
9. Subramanayaan M, Kumar S & **Singh A.** (2021). Bioinstrumentation. In C Tyagi, L K Tomar & V K Sharma (Eds), *Multidisciplinary Aspects of Biotechnology* (pp. 1-43). Mauritius: Lambert Academic Publishing

RESEARCH PAPERS:

1. Shadab Ali, **Singh Anuradha**, Singh Pratichi 1, Kashyap Amar,” In Silico Analysis of Punarnavine and Boeravinone A: Binding Potential to Proteins Involved in Glucose Metabolism” Current Drug Discovery Technologies: Accepted
2. Singh Neetu, Sharma Dinesh Chand, **Singh Anuradha**, Zehra Sumbul,” Resonating with nature: Impact of Vedic chant music on protein profiles in Catla catla” Biochem. Cell. Arch. 24, 3785-3792
3. Anjali, **Singh Anuradha** “Evaluating the Effects of *Amorphophallus paeoniifolius* Enzyme Extract on Seed Growth Parameters in Selected Crops Exposed to Treated Textile Dyes and Wastewater”

International Journal of Advancement in Life Sciences Research. 7 (4), 157-171

<https://doi.org/10.31632/ijalsr.2024.v07i04.014> (Indexed in **Scopus**)

4. Singh K, Kumar P, Singh AK, Singh N, Singh S, Tiwari KN, Agrawal S, Das R, **Singh A**, Ram B, Tripathi AK, Mishra SK. In silico and network pharmacology analysis of fucosterol: a potent anticancer bioactive compound against HCC. Med Oncol. 2024 Apr 27;41(6):130. doi: 10.1007/s12032-024-02374-w. PMID: 38676780 (Indexed in **SCI**).
5. Surolia Ragini, Prakash Anupam, **Singh Anuradha** “Impact of microencapsulated bael pulp waste pectin as potential prebiotic on the viability of *Bacillus clausii* and *Saccharomyces boulardii* under simulated intestinal conditions”. Journal of Food Measurement and Characterization. (2023). <https://doi.org/10.1007/s11694-023-02254-3> (Indexed in **SCI**)
6. Archana, G., Gaurav, S., Shruti, M., Sarita, M., **Anuradha, S.**, & Kumar, D. M. (2024). BEER PRODUCTION BY FERMENTATION PROCESS: A REVIEW. Journal of Microbiology, Biotechnology & Food Sciences, 13(4). (**Scopus Indexed, Web of sciences**)
7. Kaushik Mahima, Yadav Jyoti, **Singh Anuradha** and Dubey Manish Kumar “A systematic review of plant-based mosquito repellents and their activity” Indian Journal of Natural Products and Resources Vol. 14(3), September 2023, pp. 347-359 DOI: 10.56042/ijnpr.v14i3.4615 (Indexed in **Scopus**)
8. Anjali, Surolia R, **Singh A** “Characterization of various parameters of textile Dyes and their treatment by *Amorphophallus paeoniifolius* crude enzyme extract” Eur. Chem. Bull. 2023,12 (4), 8679-8689. (Indexed in **Scopus**) doi: 10.48047/ecb/2023.12.si4.777
9. Surolia, R., Dubey, M.K., Bhatnagar, T. **Singh A** “Comparative study on the physicochemical properties, structural, and functional group analysis of pectin extracted from underutilized bael (*Aegle marmelos*) pulp, shell, and seed.” Vegetos (2023). <https://doi.org/10.1007/s42535-023-00614-4>
10. Surolia R, Ali S, **Singh A**, “Synbiotics: a promising approach for improving human health, Journal of Pharmaceutical Negative Results: Vol 13: issue 7:2022, 766-777(Indexed in **Scopus**)
11. Surolia, R.; **Singh, A.** Study on physicochemical properties, structural morphology, and prebiotic potential of extracted pectin from a novel source: Bael pulp (*Aegle marmelos*) residue. Journal of Biotech Research, 2022, 13, 247-259. (Indexed in **Scopus**)
12. Ali S, Surolia R, **Singh A**, Amar Singh Kashyap. (2022). Pharmacognostical Evaluation and Phytochemical Screening of *Boerhavia Diffusa* Linn. Journal of Pharmaceutical Negative Results, 454–461. <https://doi.org/10.47750/pnr.2022.13.S09.52>(Indexed in **Scopus**)
13. Anjali, S. Ali, **Singh A.** Biological Methods for The Treatment of Textile Industry Effluent: A Review. Journal of Pharmaceutical Negative Results. 2022,752-765. (Indexed in **Scopus**)
14. Ali S, **Singh A**, Anjali Kashyap A.K. (2022). Study on *Boerhavia Diffusa* Linn. As an Important Medicinal Plant Resource and Its Market Economy: A Review. Journal of Pharmaceutical Negative Results, 474–478. <https://doi.org/10.47750/pnr.2022.13.S08.61> (Indexed in **Scopus**)
15. Kiran, **Singh A**, and Jain A.K, Qualitative and Quantitative Analysis of Phytochemical Constituents in *Clitoria ternatea* L. Indian J Agric Biochem 35 (1), 51-57, 2022(Indexed in- **Scopus**).
16. S. Ali, **Singh A.**, Nagpal Monga, Sharma D.K, Malik A., Kashyap A.K (2022), *Moringa Oleifera* Lam. as medicinal and food plant to fight against malnutrition in India. Int. J. Pharm. Sci., Rev. Res.75(2)124-129.
17. Anjali, **Singh A.**, Treatment of Textile Industry Effluents and Red CE Dye by *Amorphophallus paeoniifolius* crude Enzyme extract. Asian Journal of Biological and Life Sciences s, Vol 11, Issue 2, May-Aug, 2022.
18. Surolia R, **Singh A**, Underutilized sources of pectin as Edible Coating. Letters in applied nano biosciences, Volume 12, Issue 3, 2023, 83 (Indexed in **Scopus**)
19. S Ali, **Singh A**, Kashyap A.K.(2022).Storage Specificity for *Boerhavia diffusa* Linn as a Crude Drug Advances in Pharmacology and Pharmacy 10 (2), 84-94
20. Kiran, **Singh A**, Jain A.K, Biochemical and Pharmacological Aspects of *Clitoria ternatea* -A Review Indian J Agric Biochem 33 (2), 115-124, 2020, doi 10.5958/0974-4479.2020.00018.0. (Indexed in- **Scopus**).

21. **Singh A.**, Wadhwa N., “*Biochemical characterization and thermal inactivation of Polyphenol oxidase from Elephant Foot Yam (Amorphophallus paeoniifolius)*” J. Food Sci. Technol, 54(7):2085-2093, 2017 (Indexed in- **Scopus**, SCI).
22. **Singh A.**, Gupta P., Shukla G., Wadhwa N., “*Quality attributes and acceptability of bread made from Wheat and Amorphophallus paeoniifolius flour,*” J. Food Sci. Technol., 52: 7472-7478, 2015 (Indexed in- **Scopus**, SCI).
23. **Singh A.**, Gupta P., Wadhwa N., “*Cellulase from stored Amorphophallus paeoniifolius in clarification of apple juice,*” Int. Food Res. J., vol. 22, no. 2, pp. 840– 843, 2014 (Indexed in **Scopus**).
24. **Singh A.**, Gupta P., Wadhwa N., “*Properties of cellulolytic enzymes from peel of Amorphophallus paeoniifolius,*” International Journal of Pharmacy and Pharmaceutical Sciences , vol. 6 , no. (4), pp. 333-336, 2014 (Indexed in-**Scopus**).
25. **Singh A.**, Srivastava K.C., Banerjee A., Wadhwa N., “*Phytochemical analysis of peel of Amorphophallus paeoniifolius,*” Int J Pharm Bio Sci., vol. 4, no. 3, pp. 810 – 815., 2013.(Indexed in-**Scopus**)
26. **Singh A.**, Wadhwa N., “*Osmotic dehydration of Amorphophallus paeoniifolius slices & it's phytochemical investigation,*” International Journal of Pharmacy and Life sciences, vol. 3, pp. 1797-1801, 2012.
27. **Singh A.**, Wadhwa N., “*Review on Multiple Potential of Aroid: Amorphophallus paeoniifolius*” Int. J. Pharm. Sci. Rev. Res., 24(1), no 11, pp.55-60, 2014. (Indexed in **Scopus**)
28. Gupta P., **Singh A.**, Shukla G., Wadhwa N., “*Bio-insecticidal potential of amylase inhibitors,*” Journal of Pharmacy research / BioMedRX vol 1, No 5, pp 449-458 ,2013.

PAPERS UNDER COMMUNICATION:

1. Yashwardhan Raj, **Anuradha Singh**,”Biofilm and Quorum Sensing: Current Trends and Treatment Strategies”, published by Bentham books
2. Yashwardhan Raj, Chandan Kumar, **Anuradha Singh**,”Advances in fungal secondary metabolites bioactive attributes and biotechnological potential of industrial interest”, published by springer nature

PATENTS:

- Divya Bajpai Tripathy, Sneha Yadav, Ashutosh Pandey, Kamlesh Choure, **Anuradha Singh**, Ankit Singh, Namrata Singh, Rajeev Kumar, Ashwini A Wao, A Rajesh :Effect of alkaline treatment on physical behaviour of habara fiber towards development of sustainable composites Publication date 2023/3, Patent number 202341018091A.
- Irshad Ahmad I, Kumar N, Chhabra P, Zafar S, Alam S, Kumar R, Prakash A, **Singh A**, ankit, Shatakshi. Machinery for physiotherapy of cervical spine. Patent filed. **Application No. 375783-001 (16/12/22)**
- Ragini Surolia &**Anuradha Singh**. Microencapsulated synbiotic beads and method of preparing the same. **Publication date: 12/01/2024 (Application No. 202211038127).**

PRESENTATIONS IN NATIONAL /INTERNATIONAL CONFERENCE PROCEEDINGS

- **Singh A.** “Quality characteristics of underutilized, non-conventional *Amorphophallus paeoniifolius* flour and its value addition” “7th World Conference on Applied Microbiology and Beneficial Microbes” held during February 21-22, 2022 | Webinar
- Ragini Surolia, **Anuradha Singh**. Forensic Toxicology: Analysis of foreign material in food. International e-conference on forensic science and criminology bridging the gap in criminal justice system conference series: Forensis Agora. Galgotias University, May 2021.

- Ragini Surolia, **Anuradha Singh**, Underutilized sources of pectin as edible coating. International conference on advanced materials for next generation applications. Galgotias University, September 2021. (Student -Awarded second prize).
- Ragini Surolia, Anuradha Singh. Valorization of Food Waste: Sources and Applications. International conference on food sustainability and opportunities for the future. Amity University, March 2022. ISBN:978-93-91535-31-5.
- Ragini Surolia, **Anuradha Singh**. Prebiotic potential of pectin derived from underutilized sources. International conference on clinical nutrition and dietary lifestyle. Universal society of food and nutrition, May 2022. ISBN: 978-93-92106-12-5.
- **Singh A**, “*Quality characteristics of underutilized, non-conventional *Amorphophallus paeoniifolius* flour and starch*” International conference on advances of Biosciences and Biotechnology (ICABB-2018) at Department of Biotechnology, IIIT Noida, Feb,01-03 2018 **Oral Presentation**. (Full Paper published)
- **Singh A**, “*Allelopathic effect of *Lantana camara* on growth of flowering plants*” National Conference on recent Advancements in Biotechnology & Bioengineering Department of Biotechnology, Sharda University November 2-3, 2017 **Oral Presentation**.
- **Singh A**, “*Application of plant polyphenoloxidases for bioremediation of phenolic contaminants*”, National Seminar on Environmental Toxicology, Department of Biosciences, at Jamia Millia Islamia, (13-14 Feb 2017) **Oral Presentation**.
- Gautam S., **Singh A.**, “*Analysis of Levetiracetam tablet based on instrumentation method*” National Conference on Emerging trends in applied sciences on September 23-24th, 2016 at school of basic and applied sciences, Galgotias University, Greater Noida (**Abstract Submitted**).
- **Singh A.**, Wadhwa N., “*Utilization of *Jimikand* Peels as a source of enzymes*”: FAB-HEP-2014; International Conference on “Future Prospects of Advancements in Biological Sciences, Health Issues and Environmental Protection” at Indira Gandhi Pratishthan, Lucknow, India (7-8 Feb 2014). **Oral presentation**
- **Singh A.**, Wadhwa N., “*Antioxidative potential and phytochemical analysis of Elephant foot peel (*Amorphophallus paeoniifolius*)*” National Conference on “Energy, Environment & Biotechnology Research”-NCEEER-2013^{5th} – ^{6th} October 2013 at Mewar Institute of, Management, Ghaziabad. **Oral presentation (full paper published)**
- Shukla G., Gupta, P., **Singh A.**, Wadhwa N., “*Antidiabetic potential of natural plant α amylases inhibitors*” International Conference “Bioproducts & OMICS Evolution” IIIT, Noida, pp26, po2416-17 March 2013(**Abstract Submitted**)
- **Singh A.**, Rohatgi H., Wadhwa N., “*Osmotic dehydration of *Amorphophallus paeoniifolius* cubes & it’s phytochemical investigation*” Global Conference on Aroids Opportunity and challenges, Central Tuber Crops Research Institute Bhubaneswar-751019, India. 23-25 January 2012. (**Abstract Submitted**)
- Rohatgi H, **Singh A.**, Wadhwa N., “*Phytochemical investigation in aqueous extract of *Colocasia esculenta*, *Ipomoea batatas* and *Amorphophallus paeoniifolius*: a comparative study*” Global Conference on Aroids Opportunity and challenges, Central Tuber Crops Research Institute Bhubaneswar-751019, India. 23-25 Jan 2012. (**Abstract Submitted**)

FDP/CONFERENCE /SEMINARS/ WORKSHOP ATTENDED

- Faculty Development Programme on “Microbial Biotechnology: A significant biological axis for the sustainable management of opportunities in 21st Century” held on 24th February to 28th February 2025 at the Department of Biotechnology, School of Science and Technology, The Neotia University, West Bengal, India.

- Faculty Development Programme on “Frontiers in multidisciplinary research” on 16-22 August 2023, Galgotias University, Greater Noida
- Faculty Development Programme on “**Interdisciplinary Aspects of Life Sciences for Translational Research: Opportunity and Challenges**” on 24-28 January, 2023, Galgotias University, Greater Noida
- Participated in 5 days Faculty development Program on “Recent Advances in Health Science”, 19-23 May 2022, organized by School of Allied Health Sciences”, Sharda University, Greater Noida.
- Participated in All India Council for Technical Education (AICTE) Training & Learning Academy sponsored Faculty Development Program on Application of Computers in Biology organised by SBAS, Galgotias University, Greater Noida, and 07th June – 11th June, 2021.
- Participated in Faculty Development Programme on “Interdisciplinary Research in Forensic Science” organised by SBAS, Galgotias University, Greater Noida. 15 -19 Feb, 2021
- Participated in FDP on outcome-based education and accreditation, organized by IILM college of engineering and technology, 25-29 May 2020.
- Participated in the R training organized at Birla Institute of Technology Mesra, Noida Campus, May 2020.
- Completed NPTEL-AICTE FDP in teaching and learning in general program (TALG), July-Aug 2019.
- Attended 1-week Competency development programme (FDP) Advanced Research Methodology at JBS Noida, June 18-22, 2018.
- Participated in the training program on outcome-based education 13-20 Dec 2017 by ESCI.
- Participated in an International conference on Advances in plant and microbial Biotechnology PMB – 2017” at Department of Biotechnology, IIIT Noida, Feb,02-04 2017.
- Participated in National workshop on “Recent trends in Biochemistry and Biotechnology (NRTBB-2016)”at Department of Biochemistry, Deshbandhu College, University of Delhi on April 21-22, 2016.
- Participated in National Symposium on “Lifestyle Disorders: Understanding the Molecular Mechanism” at Department of Biochemistry, Shivaji College, University of Delhi on Jan 28 -29, 2016.
- One day IPR awareness workshop in IIIT, Noida on 23rd August, 2014.

TECHNICAL SKILLS

- Expertise in microbiological analysis as per standard QC norms of herbal drugs and food products
- Proximate composition analysis.
- Handled Chromatography, Electrophoresis, and Spectrophotometer machines.
- Tissue culture (synthetic seed, genetic transformation, protoplast isolation etc.)
- Enzyme Isolation and purification.
- Food product development.

DOCUMENTATION

Sound Knowledge of **OBE, Active teaching learning methodology, NAAC criteria 1,2 3,5,6, GMP, GLP, Kaizen, 5S, ISO-9001 2000, HACCP.**

ACCOLADES

- Best Academic Excellence award, received from IMS Ghaziabad in 2nd International Symposium on 8th February 2025, “Tech for Tomorrow: New Innovation for food and Health Security.”
- Received PCR appreciation certificate from Dean Research, Galgotias University.
- Served as Panel Member for the Session 4: Microbial and Agricultural Biotechnology at the 8th International Conference on Advances in Biosciences and Biotechnology, organized by Department of Biotechnology, Jaypee Institute of Information Technology, Noida, India, from 29-31 January, 2025.
- Editorial board member for “World Journal of Applied sciences and research” Print ISSN : 2249-4197
- Editorial board member for “International research Journal of Natural and Applied sciences (IRJNAS)” ISSN: 2349-4077, SJIF: 2.818
- Editorial board member for International Journal of Biotechnology Research and Development (2021).
- Society for material chemistry (SMC) Life time membership (membership number: LM-1810)
- Awarded with significant contribution in the field of research and Innovation award from Galgotias University, Greater Noida, India, 2020.
- Awarded with significant contribution in the field of research and Innovation award from Galgotias University, Greater Noida, India, 2019
- Selected as Bentham Ambassador for 2019-2020.
- Member of International society for development and sustainability.
- Best research paper award (2013) in conference at Mewar Institute of, Management, Ghaziabad
- Winner of Best Kaizen of January 2009 month in ORGANIC INDIA Pvt. Ltd
- Winner of Best Kaizen of May month (2008) in ORGANIC INDIA Pvt. Ltd.
- Winner of Best Team of Work Management Day in ORGANIC INDIA Pvt. Ltd.
- Winner of the Kaizen Star of the Year 2008 in ORGANIC INDIA Pvt. Ltd.

PERSONAL PROFILE

Name: Anuradha Singh

Gender: Female

Marital Status: Married

Date of Birth: 01/05/1983

Nationality: Indian

REFERENCES

Prof. (Dr.) A. K. Jain, Dean Student Welfare, IILM university, Greater Noida, U.P.

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1. Prof. (Dr.) Divya Bajpai Tripathy

Associate Dean, Students Welfare, Member Students' Discipline Committee, IQAC Core team, Galgotias University, Greater Noida. Mobile number: 9990284771, Email: divya.tripathy@galgotiasuniversity.edu.in

2. Prof. Chiranjib Chakraborty, Chair Professor, School of Life Science and Biotechnology,

Adamas University, India, **Mobile** :09871608125

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DECLARATION

I hereby declare that the information in this document is true to the best of my knowledge.

Dr. Anuradha Singh