

CURRICULUM VITAE

ANSIL. P.N.

Assistant Professor (Level 11),
Department of Biochemistry
T. K. M. College of Arts and Science,
Kollam – 691005, Kerala, India.
Phone: +91-9495794967 (Mob)
E-mail : ansil@tkmcas.ac.in



| | |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Academic achievements: | <ul style="list-style-type: none">• Doctor of Philosophy (PhD.) in Biochemistry (2008 – 2013) School of Biosciences, Mahatma Gandhi University, Kottayam. Kerala, India.• Master of Philosophy (M.Phil.) in Biochemistry (2005 – 2006) Bharathidasan University, Tiruchirapally, Tamilnadu, India.• Master of Science (M.Sc.) in Biochemistry (2002 – 2004) Bharathiar University, Coimbatore, Tamilnadu, India. |
| Teaching experiences (Summary): | <ul style="list-style-type: none">• Total experience (Full Time) : 17 years• Courses Taught : B.Sc., M.Sc., MBBS, BDS |
| Teaching experiences (Details): | <ul style="list-style-type: none">• June 2018 – Till date. Assistant Professor, Department of Biochemistry, T.K.M. College of Arts and Science (Affiliated to University of Kerala), Kollam – 5. Kerala. India.• November 2015 – June 2018. Lecturer in Biochemistry, Al Azhar Medical College and Super Specialty Hospital (Affiliated to Kerala University of Health Sciences), Thodupuzha, Kerala, India.• September 2014 – March 2015; November 2013 – March 2014. Lecturer, Department of Biochemistry, T.K.M. College of Arts and Science (Affiliated to University of Kerala), Kollam – 5. Kerala. India.• July 2004 - April 2008. Lecturer in Biochemistry, National College (Affiliated to University of Kerala), Trivandrum. Kerala. India.• April 2009 – September 2013. As part of the Research Fellowship in Science for Meritorious Students (UGC-RFSMS), assisted Prof. (Dr.) M.S. Latha, School of Biosciences, Mahatma Gandhi University Kottayam. Kerala. India, in her academic work, including tutorials. |

| | |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Citations, H-index & i10 index | <ul style="list-style-type: none"> ▪ Citations: 377 ▪ H-index (Google Scholar): 11 ▪ Web of Science: 5 ▪ i10 index: 14 |
| Publications: (Peer-Reviewed Journal Articles) | <ol style="list-style-type: none"> 1. Farsana S, Ansil PN, Sumalekshmy S, Soumya S (2023). Biogenic synthesis of silver nanoparticles using <i>Sterculia foetida</i> seed extract and evaluation of its therapeutic potential. <i>Materials Today: Proceedings</i>. (Article in Press) 2. Prabha SP, Latha MS, Geetha A, Sumina C, Ansil PN (2019). Cardioprotective efficacy of the active petroleum ether fraction of <i>Gardenia gummifera</i> Linn.f. on isoproterenol induced myocardial infarction in rats. <i>MedPulse International Journal of Biochemistry</i>. 12(1): 16-20. 3. Nitha A, Prabha SP, Ansil PN, Latha MS (2016). Methanolic extract of <i>Woodfordia fruticosa</i> Kurz flowers ameliorates carbon tetrachloride-induced chronic hepatic fibrosis in rats. <i>Toxicology and Industrial Health</i>.32(7): 1224-36. (IF: 1.9) 4. Ansil PN, Nitha A, Prabha SP, Latha MS (2014). Curative effect of <i>Amorphophallus campanulatus</i> (Roxb.) Blume. tuber on <i>N</i>-nitrosodiethylamine induced hepatocellular carcinoma in rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i>. 33(3): 205–218. (IF: 2.4) 5. Ansil PN, Wills PJ, Varun R, Latha MS (2014). Cytotoxic and apoptotic activities of <i>Amorphophallus campanulatus</i> (Roxb.) Bl. tuber extracts against human colon carcinoma cell line HCT-15. <i>Saudi Journal of Biological Sciences</i>.21(6): 524-31. (IF: 4.4) 6. Ansil PN, Wills PJ, Varun R, Latha MS (2014). Cytotoxic and apoptotic activities of <i>Amorphophallus campanulatus</i> tuber extracts against human hepatoma cell line. <i>Research in Pharmaceutical Sciences</i>. 9(4):269-277. (IF: 2.1) 7. Ansil PN, Prabha SP, Nitha A, Latha MS (2013). Chemopreventive effect of <i>Amorphophallus campanulatus</i> (Roxb.) Blume. tuber against aberrant crypt foci and cell proliferation in 1, 2-dimethylhydrazine induced colon carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i>. 14 (9):5331-5339. (IF: 2.52) 8. Ansil PN, Jazaira V, Prabha SP, Nitha A, Latha MS (2013). <i>Amorphophallus campanulatus</i> (roxb.) Blume. tuber ameliorates hepatic oxidative stress during colon carcinogenesis induced by 1, 2 |

| | |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>dimethylhydrazine. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i>. 5 (Suppl 1):366-371.</p> <p>9. Ansil PN, Prabha SP, Nitha A, Wills PJ, Jazaira V, Latha MS (2012). Curative effect of <i>Amorphophallus campanulatus</i> (Roxb.) Blume. tuber methanolic extract against thioacetamide induced oxidative stress in experimental rats. <i>Asian Pacific Journal of Tropical Biomedicine</i>. 2 (Suppl 1):S83-S89. (IF: 1.7)</p> <p>10. Ansil PN, Nitha A, Prabha SP, Wills PJ, Jazaira V, Latha MS (2011). Protective effect of <i>Amorphophallus campanulatus</i> (Roxb.) Blume. tuber against thioacetamide induced oxidative stress in rats. <i>Asian Pacific Journal of Tropical Medicine</i>. 4(11):870-877. (IF: 3.1)</p> <p>11. Prabha SP, Nitha A, Ansil PN, Latha MS (2014). Cardioprotective effect of methanolic extract of <i>Gardenia gummifera</i> Linn. f. on isoproterenol induced myocardial infarction in rats. <i>International Journal of Pharmaceutical Sciences and Research</i>. 5(9): 3817-3828.</p> <p>12. Nitha A, Prabha SP, Ansil PN, Latha MS (2013). Curative effect of <i>Woodfordia fruticosa</i> Kurz flowers on n-nitrosodiethylamine induced hepatocellular carcinoma in rats. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i>. 6(Suppl 2):150-155.</p> <p>13. Linza A, Wills PJ, Ansil PN, Prabha SP, Nitha A, et al (2013). Dose-response effects of <i>Elephantopus scaber</i> methanolic extract on N-nitrosodiethylamine induced hepatotoxicity in rats. <i>Chinese Journal of Natural Medicines</i>. 11(4):362-370. (IF: 4.6)</p> <p>14. Prabha SP, Ansil PN, Nitha A, Wills PJ, Latha MS (2013). Anti-atherogenic activity of methanolic extract of <i>Gardenia gummifera</i> Linn.f. on high fat diet induced atherosclerosis in rats. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i>. 5(2): 388-393.</p> <p>15. Nitha A, Prabha SP, Ansil PN, Latha MS (2013). Antiproliferative effect of <i>Woodfordia fruticosa</i> Kurz flowers on experimentally induced hepatocellular carcinoma in rats and in human hepatoma cell line. <i>Journal of Pharmacy Research</i>. 6:239-248.</p> <p>16. Prabha SP, Ansil PN, Nitha A, Wills PJ, Latha MS (2012). Preventive and curative effect of methanolic extract of <i>Gardenia gummifera</i> Linn. f. on thioacetamide induced oxidative stress in rats. <i>Asian Pacific Journal of Tropical Disease</i>. 2(2):90-98.</p> <p>17. Nitha A, Ansil PN, Prabha SP, Wills PJ, Latha MS (2012). Preventive and curative effect of <i>Woodfordia fruticosa</i> Kurz flowers on</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>thioacetamide induced oxidative stress in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i>. 2 (Suppl 2): S757-S764. (IF: 1.7)</p> <p>18. Latha MS, Nitha A, Ansil PN, Prabha SP (2012). Chemopreventive effect of <i>Woodfordia fruticosa</i> Kurz flowers on n-nitrosodiethylamine induced hepatocellular carcinoma in rats. <i>International Journal of Advances in Pharmaceutical Research</i>. 3(12):1322-1330.</p> |
| Book Chapters: | <ol style="list-style-type: none"> 1. Ameena Ansar, Ansil PN., “<i>Rotula aquatica</i>: A Versatile Medicinal Shrub with Diverse Therapeutic Applications”. Ethnobotany and Biodiversity of Medicinal Plants (Volume - 2), edited by Mantosh Kumar Sinha, Helmand Books, New Delhi., 2025, pp. 99-116 (ISBN: 978-93-93992-72-7). 2. Ameena S., Ansil PN., “Ethnobotanical and Therapeutic Potential of the Genus <i>Strobilanthes</i>: A Phytochemical Perspective”, Recent Advances in Pharmacognosy and Phytochemistry (Volume - 1), edited by Deoraj Sharma, Integrated Publications, New Delhi., 2025, pp. 177-206 (Paperback ISBN: 978-93-5834-192-8. E-Book ISBN: 978-93-5834-448-6. DOI: https://doi.org/10.62778/int.book.581). 3. Ansil PN., Soumya S, Shafna S. “<i>Sesbania grandiflora</i>: A Potential Source of Phytopharmaceuticals”. Traditional Medicinal Plants (Volume - 6), edited by P. Shivakumar Singh, AkiNik Publications, New Delhi., 2022, pp. 43-64. (ISBN: 978-93-5570-277-7. DOI: https://doi.org/10.22271/ed.book.1832). 4. Farsana Sharafudeen, Sandra S, Ansil PN, Soumya S. “Pharmacological Importance of <i>Sterculia foetida</i>” Traditional Medicinal Plants (Volume - 6), edited by P. Shivakumar Singh, AkiNik Publications, New Delhi., 2022, pp. 85-108. (ISBN:978-93-5570-277-7. DOI: https://doi.org/10.22271/ed.book.1832). 5. Ansil PN, “<i>Amorphophallus paeoniifolius</i>: A Vital Medicinal Tuber” Research Trends in Medicinal Plant Sciences (Volume - 13) edited by Manzoor Hussain, AkiNik Publications, New Delhi., 2022, pp. 15-42. (ISBN:978-93-5570-273-9. DOI: https://doi.org/10.22271/ed.book.1863) 6. Ansil PN, Latha MS. Chemopreventive efficacy of <i>Amorphophallus campanulatus</i> (Roxb.) Blume. tuber against 1,2-dimethylhydrazine induced rat colon carcinogenesis. In: Molecular diagnostics for sustainable health in biosciences and technology, Jibu Thomas (Ed), Excel India Publishers, New Delhi, India.2011, pp 9-16. |

**Scientific
Proceedings:**

1. Shafna S, Soumya S, Lekshmi CL, **Ansil PN** (2023). *Sesbania Grandiflora* Flower Extract Assisted Green Synthesis of Silver Nanoparticles and Its *In Vitro* Therapeutic Studies. Proceedings of the “International Conference on Advanced Materials and Nanotechnology for Green and Sustainable Future (ICAGS-2023)”. p 132-133. Post Graduate and Research Department of Chemistry, Maharaja’s College, Ernakulam.
2. Farsana S, **Ansil PN**, Sumalekshmy S, Soumya S (2023). Biogenic synthesis of silver nanoparticles using *Sterculia foetida* seed extract and evaluation of its therapeutic potential. Proceedings of the “International Conference on Science and Technology of Advanced Materials – STAM 23. p 137. Mar Athanasius College (Autonomous), Kothamangalam.
3. Shafna S, Soumya S, Sumalekshmy S, **Ansil PN** (2022). Green synthesis of silver nanoparticles using *Sesbania grandiflora* leaves: characterization and in vitro anti-inflammatory and cytotoxic evaluation. Abstract book of the 7th International Conference on Sustainable Utilisation of Tropical Plant Biomass; Multi-Disciplinary Perspective. Dept. of Computational Biology & Bioinformatics, University of Kerala, India & LUND UNIVERSITY, Sweden. p 59.
4. **Ansil PN** (2017). *Amorphophallus campanulatus* (Roxb.) Blume. tuber dose dependently down regulates PCNA expression and improves antioxidant status in 1,2-dimethylhydrazine induced colon carcinogenesis. Proceedings of the National conference on Lifestyle diseases and Management. p 1. Believers Church Medical College Hospital, Thiruvalla.
5. **Ansil PN**, Latha MS (2012). *Amorphophallus campanulatus* (Roxb.) tuber extract dose dependently attenuates *N*-nitrosodiethylamine induced hepatocellular carcinoma in rats. Proceedings of the International Conferences on Advances in Biological Sciences. Kannur University, Kerala. p 141.
6. **Ansil PN**, Latha MS (2011). Chemopreventive efficacy of *Amorphophallus campanulatus* (Roxb.) Blume. tuber against 1,2-dimethylhydrazine induced rat colon carcinogenesis. In: Molecular diagnostics for sustainable health in biosciences and technology, Jibu Thomas (Ed), Excel India Publishers, New Delhi, India. pp 9-16.
7. **Ansil PN**, Latha MS (2011). Phytochemical and *in vitro* antioxidant evaluation of *Amorphophallus campanulatus* tuber. Abstract volume, 23rd Kerala Science congress. Kerala State Council for Science

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>Technology and Environment, Thiruvananthapuram. p 196.</p> <p>8. Ansil PN, Dinesh RD (2009). Cytogenetic analysis of aborted fetuses and their couples with recurrent miscarriages. Proceedings of the 21st Kerala Science congress (Ed. Yesodharan EP). Kerala State Council for Science Technology and Environment, Thiruvananthapuram. pp 585-586.</p> |
| Dissertations Guided | <ul style="list-style-type: none"> • M.Sc. <ol style="list-style-type: none"> 1. Green synthesis and characterization of <i>Rotula Aquatica</i> root-mediated silver nanoparticles with antidiabetic potential (2025). 2. Green synthesis of silver nanoparticles using <i>Rotula aquatica</i>: characterization and pharmacological evaluation (2024). 3. Antioxidant and anti-inflammatory activities of silver nanoparticles synthesized from <i>Strobilanthes heyneanus</i> root (2024) 4. <i>In vitro</i> therapeutic studies of methanolic extract of <i>Strobilanthes heyneanus</i> root (2023). 5. <i>Sesbania grandiflora</i> flower extract assisted green synthesis of silver nanoparticles and its in vitro therapeutic evaluation (2022). 6. Green synthesis of silver nanoparticles using <i>Sesbania grandiflora</i> flowers: characterization and in vitro pharmacological evaluation (2021). • B.Sc. <ol style="list-style-type: none"> 1. Comparative Phytochemical and Antioxidant Analysis of <i>Rotula aquatica</i> Root and Leaves (2025) 2. Phytochemical Profiling of <i>Vigna unguiculata</i> (L.) Walp: A Comprehensive Study on Seed, Sprout and Microgreen Extracts (2024) 3. Antioxidant, antibacterial and phytochemical screening of the leaves of <i>Strobilanthes heyneanus</i> (2023). 4. Phytochemical Screening and antioxidant activities of <i>Strobilanthes heyneanus</i> (2022). 5. Phytochemical Screening of <i>Mikania micrantha</i> (2021). 6. Antibacterial activity of gold nanoparticles synthesised using α - mangostin isolated from <i>Garcinia mangostana</i> Linn. (2020). 7. Comparative Phytochemical Profile of Njavara rice with Matta rice variety (<i>Oryza sativa</i>) (2019). |

| | |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Fellowship/ Award Received:</i> | <ul style="list-style-type: none"> • Research Fellowship in Science for Meritorious Students (RFSMS) - Awarded by University Grants Commission (UGC), New Delhi, India, to undertake advanced studies and research leading to Ph.D. degree in science. • Best poster award of the Kerala State Council for Science Technology and Environment for presenting the poster entitled “Phytochemical and <i>in vitro</i> antioxidant evaluation of <i>Amorphophallus campanulatus</i> tuber” at the 23rd Kerala Science Congress. |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Dr. Ansil P N