

CURRICULUM VITAE



Mrs. Sridevi I. Puranik, M.Sc. (Biotech), (Ph.D.), KSLET, M.Sc. (Zoology)
Assistant Professor, Department of Zoology,
KLE Society's B. K. College of Arts, Science & Commerce, Chikkodi - 591201, Karnataka,

EDUCATIONAL QUALIFICATIONS:

- ❖ Ph.D., Registered in Department of Biotechnology and Microbiology, Karnatak University, Dharwad, on 30th Jan 2015.
- ❖ PhD thesis title: "*Studies on Incidence and Molecular Characterization of Bladder Cancer*".
- ❖ Karnataka State Eligibility Test (KSLET- Life-science, Biotechnology) - 2013
- ❖ Graduate Aptitude Test in Engineering (GATE- Biotechnology) – 2006
- ❖ M.Sc. (Biotechnology), Karnatak University, Dharwad, 2005
- ❖ M.Sc. (Zoology), Kuvempu University, Shimogha, 2017
- ❖ B.Sc. (Chemistry, Botany & Zoology), Karnatak University, Dharwad, 2003.

AREA OF EXPERTISE:

- MOLECULAR BIOLOGY:** Isolation of nucleic acids from blood, tissues, cancer cell lines and bacterial cultures. DNA quantification & purification, Agarose gel electrophoresis, SDS-PAGE, PCR, Restriction digestion, RFLP, Bacterial Transformation, Conjugation, Plasmid isolation.
- HERBAL MEDICINE:** Soxhlet extraction, phytochemical analysis, Quantification of secondary metabolites, Anti-oxidant, Anti-inflammatory, Anti-microbial activity, Anti-cancer assays, DNA Fragmentation and Apoptosis studies.
- CELL CULTURE:** Obtained skills in handling human cancer/normal cell lines
- BIOINFORMATICS:** Primer designing, BLAST, phylogenic analysis.
- ANALYTICAL TECHNIQUES:** Spectrophotometer, Bio-photometer, TLC, Microscopy, ELISA, Sonicator
- PLANT TISSUE CULTURE:** Micro-propagation of explants
- MICROBIOLOGY TECHNIQUES:** Staining techniques, MIC, MBC, Pure culture isolation.

EMPLOYMENT DETAILS:

1. 12th July 2006 24th July 2018: Lecturer in Department of Biotechnology
KLE'S R. L. Science Institute (Autonomous), Belagavi.
2. 10th June 2019 to till date Lecturer, KLES B K College Chikodi
3. Feb 2006 to July 2006: Production Assistant and Microbiologist, Quality control unit,
Sonwalkar Bio fertilizer Industry, Belagavi.

WORK EXPERIENCE:

- ❖ **Research:** 03 Years (2015 till date)
- ❖ **Teaching:** 12 Years (2006 till date)
- ❖ **Industrial:** 06 Months

ACADEMIC RESPONSIBILITIES:

1. BOE Member in Biotechnology, Karnatak University Dharwad from 2006 to 2011
2. BOS & BOE member in Biotechnology Rani Channamma University, Belagavi, 2009 to 2012
3. BOS & BOE Member in Biotechnology, KLE'S R.L.Science Institute,(Autonomous), Belagavi, 2012
4. Faculty for Certificate course Food and Nutritional Biotechnology & Plant tissue culture since 2013 at KLE'S R. L. Science Institute, (Autonomous), Belagavi.
5. Biotechnology association chairman, KLE'S R. L. Science Institute, (Autonomous), Belagavi.

PUBLICATIONS:

1. **Sridevi I. Puranik**, Murigendra B. Hiremath, Rajendra B. Nerli and Shridhar C. Ghagane, 2018. Evaluation of in vitro antioxidant and anticancer activity of *Tabernaemontana divaricata* leaf extracts against T-24 human bladder cancer cell lines. Int. J. Cancer Res., <https://scialert.net/onlinefirst.php?issn=1811-9727>
2. Ghagane SC, Nerli RB and **Puranik SI**. Overcoming hindrance in writing research article: Advice to novices. J Sci Soc. 2017; 44:61-2.
3. Ghagane SC, Hiremath MB, Kadadevaru GG, **Puranik SI** & Nerli RB. (2017). Biotechnology Higher Education, Funding & Start Ups: Indian Scenario. *Productivity*, 58 (3): 300-307.
4. Ghagane, S. C., **Puranik, S. I.**, Gan, S. H., Hiremath, M. B., Nerli, R. B., & Ravishankar, M. V. (2017). Frontiers of monoclonal antibodies: Applications in medical practices. *Human antibodies*, 26(3), 135-142.
5. **Puranik SI**, Shridhar C G. Booming Biotechnology: The Promising Future in Healthcare. *Adv Biotech & Micro*. 2017; 5(4): 555668 DOI: 10.19080/AIBM.2017.05.555668.
6. **Puranik SI**, Ghagane SC, Nerli RB, Jalalpure SS, Hiremath MB. Evaluation of *in vitro* Antioxidant and Anticancer activity of *Simarouba glauca* leaf extracts on T-24 Bladder cancer cell line. *Pharmacog J*. 2017; 9(6):906-12.
7. Pattan KI, **Puranik SI**, Basti P. Assessment of stress among working women in selected professionals from Belagavi region. *Int J Health Sci Res*. 2017; 7(8):314-318.
8. Ghagane, S. C., **Puranik, S. I.**, Kumbhar, V. M., Nerli, R. B., Jalalpure, S. S., Hiremath, M. B., & Aladakatti, R. (2017). In vitro antioxidant and anticancer activity of *Leea indicaleaf* extracts on human prostate cancer cell lines. *Integrative Medicine Research*, 6(1), 79-87.
9. Ghagane, S. C., **Puranik, S. I.**, Nerli, R. B., & Hiremath, M. B. (2016). Evaluation of in vitro antioxidant and anticancer activity of *Allophylus cobbe* leaf extracts on DU-145 and PC-3 human prostate cancer cell lines. *Cytotechnology*, 1-11
10. Puranik, S. I., Nerli, R. B., & Hiremath, M. B., **Ghagane, S. C.**, (2015) Modalities in Diagnosis of Bladder Cancer- A Molecular Perspective, *KLES Lifeline*, XXXVI.
11. Shridhar G, Rajendra N, Murigendra H, **Puranik SI**, Prasad M, et al. (2015) Modern Diet and its Impact on Human Health. *J Nutr Food Sci* 5: 1000430. doi:10.4172/2155-9600.1000430.

PAPER PRESENTATIONS:

1. National Symposium on Reproductive & Early Development, held on 7th – 8th March, 2018, organized by Dept. of Zoology, Karnatak University, Dharwad
2. National Conference on Recent Trends in Biotechnology held on 23rd to 24th Feb, 2018, Organized by Dept. of Biotechnology, Karnatak Science College, Dharwad
3. International Conference on advances in diseases management for human welfare held on 21st to 23rd Nov 2017 at Gulbarga University, Kalaburgi
4. Indian Cancer Congress 2017 Bangalore held on 8th to 12th Nov 2017 at Bengaluru
5. Presented Poster in 20th National Convention of Society of Pharmacognosy 'Newer Approaches for Development and Promotion of Natural Products' on 26th & 27th March 2016 organized by KLEU'S College of Pharmacy, Belagavi
6. Presented Paper presentation in National level seminar on 'Hazardous Effects of Pesticides on Human Beings' on 23rd January 2016 organized by KLE'S R.L.Science Institute (Autonomous), Belagavi

CONFERENCES ATTENDED

1. Participated in CME on Uro-Oncology on 31st March 2018 organized by KLES Dr. Prabhakar Kore Hospital & MRC, Belagavi, India.
2. Participated and presented poster in National Symposium on Reproductive & Early Development, held on 7th – 8th March, 2018, organized by Dept. of Zoology, Karnatak University, Dharwad, India.
3. Participated and presented poster in National Conference on Recent Trends in Biotechnology held on 23rd to 24th Feb, 2018, Organized by Dept. of Biotechnology, Karnatak Science College, Dharwad.
4. International Conference on advances in diseases management for human welfare held on 21st to 23rd Nov 2017 at Gulbarga University, Kalaburgi
5. Indian Cancer Congress 2017 Bangalore held on 8th to 12th Nov 2017
6. Participation & Poster presentation in 20th National Convention of Society of Pharmacognosy on 'Newer Approaches for Development and Promotion of Natural Products' on 26th & 27th March 2016 organized by KLEU'S College of Pharmacy, Belagavi
7. Participation & Paper presentation in National level seminar on 'Hazardous Effects of Pesticides on Human Beings' on 23rd January 2016 organized by KLE'S R.L.Science Institute (Autonomous), Belagavi
8. National level seminar on 'Climate change and its impact on biodiversity' organized by KLE'S R.L. Science Institute (Autonomous), Belagavi on 30th & 31st January 2015
9. One day National seminar on 'Recent Trends in Environmental Biotechnology and Sustainable Energy' on 10th Aug 2015 organized by PG Dept. of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad
10. One day seminar on 'Good Laboratory Practices (GLP) and Laboratory Safety on 19th August 2014 on KLEU's Dr. Prabhakar Kore Basic Science Research Center(BSRC), Belagavi.

11. National level workshop on 'Application of Bioinformatics Tools in Biological Sciences' on 30th March 2013 organized by PG Dept. of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad
12. National conference on 'Environmental Science and Health Hazards' from 19-21st November 2012 at PG Dept. of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad
13. Two days National Seminar on 'Redesigning of Higher Education Systems in the changing Environment' on 18th&19th February 2012 organized by KLE'S B.K. Arts, Science & Commerce College Chikodi

PARTICIPATION IN WORKSHOPS:

1. Participated in National Workshop on "Developmental Biology-Gametogenesis and Fertilization" held on 10th February 2018 by Biotecnika Info Labs Pvt. Ltd
2. One day National level Workshop on 'Right to Privacy: A Human Right Perspective' organized by K.L.E Society's B.V.Bellad Law College, Belagavi on 4th March 2017
3. Workshop on ' Role of Analytical Techniques in Quality Assurance of Pharmaceuticals' organized by KLEU's Dr. Prabhakar Kore Basic Science Research Center(BSRC), Belagavi on 17th January 2017
4. Workshop on 'Effective Scientific Writing Skills' organized by KLEU'S UDEHP & BSRC, Belagavi on 19th July 2016
5. One day state level workshop on 'Post-Accreditation Quality Sustenance' organized by KLE'S Lingaraj College (Autonomous) & R.L.Science Institute (Autonomous), Belagavi on 29th Sept 2014.

TRAINING PROGRAMME:

Six days training programme on 'Laboratory Techniques' organized by KLEU's Dr. Prabhakar Kore Basic Science Research Center (BSRC) from 24th to 29th November 2014.

RESOURCE PERSON:

1. Resource person in two days Workshop on Advanced Techniques in Botany Practical in view of New Curriculum organized by KLE'S R.L. Science Institute (Autonomous), Belagavi on 16th& 17th January 2014
2. One Day State level workshop on 'Strengthening of Botany Practical's in view of new curriculum' organized by BVV Sangha's Basaveshwar Science College, Bagalkot' on 6th December 2015.

ADDRESS FOR CORRESPONDENCE:

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Kaveri Nagar, Belagavi-590008

PERSONAL DETAILS:

Date of Birth : 21-05-1982
Nationality : Indian
Languages known : English, Kannada & Hindi
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REFERENCES:

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