# Dr. S. AYSHWARYA LAKSHMI B.TECH., M.TECH., Ph.D.,

Assistant Professor and HoD(i/c),

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## PROFESSIONAL SUMMARY

Hands-on experience at the graduation and post-graduation level education facility. Familiarity working at a College and University department. Outstanding ability to handle syllabus at the undergraduate and graduate curriculum. Remarkable ability to teach, inspire and develop young people.

## EDUCATIONAL QUALIFICATION

| | | |
|---|---|---|
| **Ph.D** | **Information and Communication Engineering** | **2011-2020** |
| **M.Tech** | **Distributed Computing Systems** | **2008-2010** |
| **B.Tech** | **Computer Science and Engineering** | **1997-2001** |

## WORK EXPERIENCE

| | |
|---|---|
| **Assistant Professor** | |
| **University College of Engineering, Panruti** | **04.03.2011 to Till Date** |
| **Assistant Professor** | |
| **IFET Engineering College, Villupuram** | **12.06.2010 to 03.03.2011** |

## SUBJECTS HANDLED

- Software Engineering
- Object Oriented Analysis and Design
- Database Management Systems
- Professional Ethics
- Green Computing
- Agile Methodologies
- Total Quality Management
- Object Oriented Programming

## OTHER RESPONSIBILITIES

- Head of the Department
- Deputy Warden Ladies Hostel
- Quality Improvement Cell
- Class In charge

## UG AND PG PROJECTS GUIDED

- UG Projects Guided : 28
- PG Projects Guided : 05

## PUBLICATIONS OF JOURNALS AND CONFERENCES

1. Ayshwarya Lakshmi, S & Sahaaya Arul Mary, SA 2019, 'Group Mosquito Host Seeking Behaviour Based Self-Organizing Technique for Genetic Algorithm', Applied Mathematics & Information Sciences: An International Journal , vol. 13, no.2, pp. 231-238. (Impact Factor: 1.232).
2. Ayshwarya Lakshmi, S & Sahaaya Arul Mary, SA 2018,'Multiagent learning technique inspired from software engineering model for permutation coded GA', Cluster Computing, The Journal of Networks, Software Tools and Applications, Article in online since 23 March 2018. ISSN : 1386 – 7857 (Print) 1573-7543 (Online), DOI. 10.1007/s10586-018-2055 9. ( Impact Factor: 1.69 ).
3. S.AYSHWARYA LAKSHMI, S.SHANMUGAVAVADIVU, A.RAMACHANDRAN "DETECTING AND SCHEDULING BAD SMELLS USING JAVA AGENT DEVELOPMENT" in International Journal of Computer Applications vol 67 no.10, April 2013.
4. S.AYSHWARYA LAKSHMI, C.REIKHA AND A.RAMACHANDRAN "An automatic approach for extracting software product lines" in Computational Intelligence and Information Technology, vol 5 no.3, march 2013.
5. Presented a paper on "The role of Interdependencies in software requirement Analysis in Estimation" in International Journal of Computer Applications. ISBN: 973-93-80873-63-2.
6. S.AYSHWARYA LAKSHMI, M.KANNAN, "Enhanced Automated Refactoring Engine using Behavioral Testing in SSRG International Journal of Computer Science and Engineering". ISBN: 2348-8387 Vol no.1, March 2014.
7. Presented a paper entitled "COMPARE THE EFFECTIVENESS OF SOFTWARE DESIGN PATTERNS" in International conference on science and innovative engineering held on April 6th, 2013.
8. Presented a paper on MEASURING THE PERFORM ANCE OF CLONE MANAGEMENT USING PERSION AND RECALL in National conference on computing techniques held on April 05, 2013-10-2008.

## SEMINARS/FDP/WORKSHOPS

1. Participated in one week FDP on Wireless Networks conducted by University college of Engineering, Panruti from 12.12.12 to 18.12.12 sponsored by centre for faculty development Anna University Chennai.
2. Participated in One week Workshop on Computational Intelligence techniques in Engineering Applications (CITEA) from 5-11 Dec. 2012, Conducted by University College of Engineering, Panruti.
3. Participated in one week STTP on Application of Data Mining in software fault prediction sponsored by Indian society for Technical education, New Delhi and SRM University, Chennai from 6th to 11th may, 2013.
4. Participated in two weeks FDP on advances in software Architecture, Engineering, Modelling tools and programming practices at Pondicherry Engineering College from 27.05.13 to 07.06.13.
5. Participated in One day Workshop on Teaching Skills and Smart Classroom Tools at Centre for Faculty Development, Anna University Chennai on 7th January 2013.
6. Conducted One week Faculty Development Programme on CS6801-Multi-Core Architecture & Programming from 23.11.2016 to 29.11.2016 at University College of Engineering, Panruti.
7. Participated in Two weeks Faculty Development Programme on Entrepreneurship sponsored by (NSDEDB) - DST, Govt. of India during 15-30 November, 2017 at Annamalai University.
8. Participated in Two weeks Faculty Development Programme on Integration of IoT and Cloud Computing Services in Smart Cities from 25.11.2019 to 06.10.2019 at Pondicherry Engineering College.
9. Conducted One week Faculty Development Programme on CS6801-Multi-Core Architecture & Programming from 23.11.2016 to 29.11.2016 at University College of Engineering, Panruti.
10. Attended Three weeks Industrial Training on “Communication and Networking Technologies” from 08.06.2020 to 26.06.2020 at BSNL, Cuddalore organized by Rajiv Gandhi Memorial Telecom Training Centre.
11. Participated in Two weeks Online Faculty Development Programme on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB from 13.07.2020 to 24.07.2020 jointly organized by Electronics and ICT Academics by the Ministry of Information Technology, Government of India.

## MEMBERSHIP OF PROFESSIONAL BODIES

INDIAN SOCEITY OF TECHNICAL EDUCATION – LIFE MEMBERSHIP

NO. & YEAR – 90255 (2013)

## ADDRESS FOR COMMUNICATION

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