

Cellphone : 9444944949

e-Mail ID : mspriya@annauniv.edu

Address : 26/1 RAMAN STREET, PERIYAR NAGAR,
NESSAPAKKAM CHENNAI 600078



Present Position

Assistant Professor, Anna University, College of Engineering Guindy, Anna University, Chennai

Previous Positions

- Assistant Professor, Faculty of Information and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from March-2005.

Previous Additional Responsibility

- Prepared Minutes Of Meeting Conducting In The Dep, , Anna University, Chennai.
- Worked In Ug And Pg Students' Admission, , Anna University, Chennai.
- Worked In Preparing The Syllabus In The Syllabus P, , Anna University, Chennai.
- Served As Member For Different Committees, , Anna University, Chennai.
- Appointed As Additional Chief Superintend For Vari, , Anna University, Chennai.
- Served As A Time Table Coordinator For Three Years, select, Anna University, Chennai.
- Worked In Ug End Semester University Examination D, , Anna University, Chennai.

Other Employment

- ASSISTANT PROFESSOR, EASWARI ENGINEERING COLLEGE for 2 years.

Degree

- ❖ M.E. in OPTICAL COMMUNICATION, COLLEGE OF ENGINEERING, GUINDY, ANNA UNIVERSITY (1999 - 2000).

Research Degree

- ❖ Ph.D. in Optical communication from Faculty of Information and communication engineering, college of engineering, guindy, Anna University (2006 - 2015).
Title: A study on MEMS Enabled Components for Spectral Amplitude Code based All-Optical Routing.

Areas of Specialisation

- Electromagnetics, Antennas, optical communication

Research Guidance

Ph.D. Supervisor Registration Number	:
Number of M.E./ M.Tech. Projects Guided	: 15
Number of M.E./ M.Tech. Projects Guiding	: 2

Papers Published in Journals

Research Papers Published in International Journals : 2

1. Shanmuga Priya.M, Krishna Chennakesava Rao.M, Meenakshi.M, Kalairasi.A.R, "MEMS-based Tunable Fabry perot filter for C-Band Communication", Journal of Communication, Navigation and Signal processing, (2012).
2. M.SHANMUGAPRIYA, M.MEENAKSHI, "DESIGN AND SIMULATION OF RECONFIGURABLE MULTIWAVELENGTH VCSEL USING MEMS ", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. pp. 564-570 (2014).

Research Papers Published in National Journals : 0

Papers Presented in Programmes

Research Papers Presented in International Programmes : 6
Research Papers Presented in National Programmes : 5

1. M.Shanmuga Priya, Sibi chakravarthy, Sasi, Sarveshvareen, Harini , "A Four band wireless antenna" presented in a National level conference on International workshop on Indian Antenna Week.
2. Shanmuga Priya.M, Krishna Chennakesava Rao.M, R.Srinivasan, "Design of Multi Wavelength Tunable MEMS Vertical Cavity Surface Emitting LASER" presented in a National level conference on Proceedings of 6th International Conference on Smart materials Structures and Systems, organised by IISc-Bangalore.
3. Shanmuga Priya.M, Krishna Chennakesava Rao.M, Meenakshi.M, "MEMS-Based Multiwavelength Tunable 2X2 VCSEL Array For WDM Applications" presented in a International level conference on Proceedings of IEEE International Conference IEEE-ICOE , organised by IEEE.

4. "Design aspects of code based Router using MEMS Proceedings " presented in a National level conference on National conference on Advanced Opto Electro Material and Devices.
5. "Code Based Router Using MEMS Proceedings " presented in a International level conference on International conference on Computer Communication and Networking .
6. "Design of MEMS Filter for all optical Code Based Router" presented in a International level conference on The sixth IEEE and IFIP international conference on WOCN.
7. "MEMS Tunable Optical Filter" presented in a National level conference on National conference on signal processing, communications and Networking .
8. ShanmugaPriya.M, Krishna Chennakesava Rao.M, Venkatesh.A, Meenakshi.M , "MEMS-based Tunable Fabry Perot Interferometer for L-Band Optical Communication" presented in a National level conference on Proceedings of International Conference on Science and Innovative Engineering & Technology.
9. M.Shanmugapriya, .M.Meenakshi, P.Thilagarathi , ""Design of MEMS optical filter for all optical code based route" presented in a International level conference on Proceedings of the Sixth international conference on Wireless and Optical Communications Networks WOCN'09.
10. "Modelling Of MEMS Optical Switches" presented in a International level conference on Proceedings of International conference on Emerging Trends in Electronic and photonic Devices and systems ', ELECTRO2009.
11. ""Design Aspects of Optical Router Using MEMS" presented in a International level conference on Advanced opto electro materials and devices 2008 .

Current Sponsored Projects

1. "Realization of MEMS tunable Fabry Perot Filter for IR imaging" (March-2018 - March-2021).
Project Cost: 3170000.00.

Programme Organized

1. National level workshop on "Prototyping Tools and Testbed Creation for 5G Wireless Communication" .
2. National level workshop on "Basics of solar PV system and components" .
3. National level workshop on "Recent Research Techniques in Next Generation Wireless Technologies" .

Programme Attended

1. Attended a National level Short Course on "Faculty development Training programme on, "Electromagnetic Waves and Waveguides" at College Of Engineering Guindy, Chennai." organized by Anna University, Chennai..

2. Participated in a National level workshop on ""Research Challenges in Wireless and Optical Communication Networks "",organized by Department of ECE,CEG campus ,Anna University, Chennai." .
3. Participated in a National level workshop on "Emerging trends in VLSI and ASIC Designs", organized by Department of ECE,CEG campus, Anna University, Chennai." .
4. Participated in a National level workshop on "TEQIP funded workshop on, "Mentoring Youth And Adolescents", at CEG Campus, Anna University, Chennai." .
5. Attended a National level Short Course on "Faculty Development Programme on," Probability and random process, Digital communication", Organized by IEEE Madras section, at IIT Madras" .
6. Attended a National level Short Course on "Faculty development Training programme on," Digital Communication" at College Of Engineering Guindy, Chennai." .
7. Attended a National level Short Course on "Faculty development Training programme on,"EC-1451 Mobile Communication" at College Of Engineering Guindy, Chennai" .
8. Participated in a National level conference on "Sixth IEEE and IFIP International Conference on Wireless and Optical Communication Networks(WOCN2009)" .
9. Participated in a National level workshop on "Intellisense Workshop and user conference organized by intellisense corp USA and bigtec pvt ltd., at Bangalore." .
10. Participated in a National level workshop on "Workshop on computer networking .at ECE department ,CEG, Anna University " .
11. Participated in a National level workshop on "One day workshop on computer networking and practice , .at ECE department ,CEG, Anna University" .
12. Participated in a National level workshop on "National workshop on simulation of RF MEMS, Microwave and optical devices at SSN college of Engineering, Chennai" .
13. Attended a National level Short Course on "Faculty development Training programme on," Digital Communication" at College Of Engineering Guindy, Chennai." .
14. Attended a National level Short Course on "Faculty development Training programme on,"EC-1451 Mobile Communication" at College Of Engineering Guindy, Chennai" .
15. Participated in a National level workshop on "National workshop on Advanced Optoelectronic Materisls and Devices (AOMD-2008)" .
16. Attended a National level Short Course on "National Workshop on Ad-hoc Networks, organized by Department of Information Technology MIT Campus, Anna University, Chennai." organized by Anna University, Chennai..
17. Participated in a National level workshop on "Student Evaluation and Question Paper Setting" organized by ACOE CEG ANNA UNIVERSITY from 21-Sep-2015 to 23-Sep-2015.

18. Attended a International level Short Course on "GIAN MIMO WIRELESS" from 08-Aug-2016 to 12-Aug-2016.

Experience Abroad

1. Visited WOCN 09, Egypt from 27-Apr-2009 to 04-May-2009. Purpose of visit :presenting paper in IEEE international conference.

Invited Lectures

1. Delivered a Lecture on "Electromagnetic fields" in special lectures organized by vel tech engineering college, chennai.