

Faculty Profile



Dr. Nirmala devi K. M.Tech., Ph.D.
Professor / ECE

HIGHLIGHTS:

- **Number of Journal Publications:** 25
- **H-Index** : 7
- **Project Funding Received** : 2
- **Patents Published** : 1
- **Patents Granted:** Nil

PROFESSIONAL LINKS:

- Scopus ID : 57577692300
- Scopus Link : <https://www.scopus.com/authid/detail.uri?authorId=57577692300>
- Google Scholar ID : nirmalnkl03@gmail.com
- Anna University Faculty ID: **278248**
- AICTE Faculty ID: **1- 2192558284**
- Anna University Supervisor ID: NA
- LinkedIn: NA

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 22 Years
- Industrial Experience: 2 Years

INTERNATIONAL EXPOSURE:

“Efficient method of Power Management on System on Chip Communication Using Steiner Graph” has been presented for “ 2012 2nd International conference on Information and Electronics Engineering”, held on October 6-7 at Singapore.

AREA OF SPECIALIZATION:

VLSI Design, Embedded System , IoT, Signal Processing

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

Sanctioned Rs.1 Lakh fund from AICTE for conducting Six Days Online ATAL Faculty Development Programme on “Advanced Research Trends for New Semiconductor Chip Designing ” from 20.01.25 to 25.01.25 as Co-Cordinator.

PATENTS PUBLISHED/GRANTED:

- ☐ Embedded controller powered water quality Assessment unit with Design No. 408396-001

COURSES CERTIFIED:

- Completed and Received the Certificate for the Online 12 week NPTEL Course for **Introduction to Internet of Things**
- Successfully Completed and received the certificate for the Online Course **AI For Everyone** an online non-credit course authorized by deeplearning.ai and offered through Coursera Computer Science Department, Stanford University
- Successfully completed and received the certificate for the requirements of one week online certificate course on **Digital Teaching Techniques** organized by **ICT Academy , Atos, Syntel** from 01 Feb 2021 to 06 Feb 2021

ACHIEVEMENTS AND AWARDS:

- Received the “**IET Best Project Award**” for the project titled “ PiBoT, in the Project Challenge, 2021, KCG College of Technology

- Received “**Best Teacher Award**” in the year of 2018-19 from KCG College of Technology
- Received “**Commendable contribution for NAAC Accreditation**” in the academic year 2018-2019.
- Received “**Commendable contribution to Institution Award**” in the year of 2017-2018 from KCG College of Technology.
- Received “**Letter of Appreciation**” from the **Director & CEO of Hindustan Institutions for the dedication, involvement and commitment towards NBA accreditation** of KCG College of Technology, Chennai.
- Received the **award of appreciation** for guiding the project titled “Tracking of Ballistic Missiles Using Kalman Filter” in IET Project Challenge 2016
- Received the **Certificate of Merit** for achieving Second in the course “Embedded System Design” at SASTRA University, 2008
- Received the **Certificate of Merit** for achieving First in the course “Application Specific Integrated Circuits” at SASTRA University, 2008

SPECIAL SESSIONS DELIVERED:

- Invited as Resource Person for the Guest Lecture on “CMOS in VLSI Design” as subject Expert, Paavai Engineering College, Namakkal, 17th Feb 2023.
- Invited as Resource Person for AICTE sponsored STTP on FPGA based Digital System Design with HDL (Phase I), Vel Tech Multi Tech Engineering College, Chennai, July 2021
- Session Chair for IEEE -International Conference on Simulation, Automation & Smart Manufacturing (SASM-2021), IEEE Chapter-GLA University, Mathura, UP, 21st August 2021
- Session Chair for International Conference on Integration of Advanced Technologies for Industry 4.0 : Materials Science, June 12-13, 2020
- Invited as Resource Person for AICTE sponsored STTP on FPGA based Digital System Design with HDL (Phase V), Vel Tech Multi Tech Engineering College, Chennai, 10th Feb 2021

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Successfully Completed the 3 day International Virtual Workshop on Research Writing, Editing and Publishing Jointly Organized by Lavender Literary Club, India, Cape Comorin Trust, India, Malaysian Industrial Relations & Human Resource Association (MIRHA), Malaysia from 18-20 January 2023.
- Successfully Completed the One Week Faculty Development Programme on Advanced Green Computing Technology in Healthcare held on 26.12.22 to 30.12.22 conducted by Saveetha IEEE student Branch at Saveetha Engineering College.
- Successfully completed the 5 day Virtual Faculty Development program on **Solving Problems & Decision Making**” conducted by ICT academy from 21.2.22 to 25.2.22

- Successfully completed the 5 day Faculty Development programme on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 26 July, 2021 to 30 July, 2021.
- Successfully completed the AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 8-12-2020 to 12-12-2020 at KCG College of Technology
- Attended the Faculty Development Program conducted by Teaching Learning Centre ,**IIT Madras** from 4th Nov to 6th Nov 2019.
- Attended and completed the **CURIOUS PROGRAM** conducted by IITM's MedTech incubator on 28th and 29th Sep 2018 at **Indian Institute of Technology Madras Research Park**, Chennai.
- Attended **IEEE sponsored** Two Day Workshop on “**Image Processing, Machine Learning and MATLAB Applications**” held on 25th and 26th June 2018 at KCG College of Technology, Chennai.
- Attended a Two day “ **IET Sponsored Workshop on Machine Learning in Engineering Applications**” held on 4th and 5th June 2018 at KCG College of Technology, Chennai.
- Attended a **AICTE Sponsored** Two week Faculty Development Program on “**Internet of Things for Ambient Assistive Living**” from 30th October to 13th Nov 2017 at KCG College of Technology, Chennai.
- Attended a one day Workshop on “**Embedded Systems- ARM-7 Processor** “ on 13th June 2017 at Hindustan University.
- Attended a one day seminar on “ **A Foresight into Research**” on 27th June 2017 at KCG College of Technology, Chennai.
- Attended a Two days Faculty Development Programme on “**Analog IC Design Using Cadence and Intellisense MEMS Solutions**” held on 29th and 30th June 2017 at KCG College of Technology, Chennai.
- Attended a Two days **ISRO sponsored National Workshop** on “**Integrating GIS into E-Health Initiatives in India**” held on 24th and 25th March 2017 at KCG College of Technology, Chennai.
- Attended **AICTE sponsored** Two week Faculty Development Program on “**Integrating Geographical Information System(GIS) into E-health and Telecommunication**” from 20.11.17 to 3.12.2017 at KCG College of Technology, Chennai.
- Attended a one day workshop on **IET sponsored “ paper publishing**” on 8.8.16 at KCG college of Technology, Chennai.
- Attended a one day FDP on “**Art of Writing paper and Proposals**”, KCG College of Technology on 20.8.16 .

- Attended a two days FDP on “**Planning and Executing an International Quality Ph.D**” organized by Centre for Excellence in VLSI Design & Research Forum , KCG college of Technology, Chennai on 8.1.16 and 9.1.16.
- Participated a one day Conference on “**The Constitution of India**” held on 28th November 2015 at KCG College of Technology, Chennai.
- Attended a one day workshop on “**Research Methodology**” organized by Centre for Faculty Development, **Anna University**, Chennai-25 held on 12.9.15.
- Attended a one day workshop on ” **Hands on Training on “VLSI System Design (RTL – DSII) using CADENCE**” organized by Madras Institute of Technology Campus Anna University, Chennai- 44 on 22nd September 2014.
- Attended a three days Faculty Development Programme on “**LABVIEW and its Applications to Engineering Systems**” Organized by SKR College of Engineering,Chennai, on 18.12.14 to 21.12.14
- Attended a **Anna University** Sponsored one week Faculty Development Training Programme “**VLSI Design** “ conducted by KCG College of Technology, Chennai on 1.12.14 and 7.12.14.
- Attended a two day workshop on “**Analog and Digital Design using CADENCE Tool**” at KCG College of Technology, Chennai from 7.4.14 and 8.4.14.
- Attended a two days workshop on “**Embedded Systems & Industrial Application**” organized by the ECE department at **SSN College of Engineering**, Chennai from 4.4.14 to 5.4.14.
- Participated in Two Week AICTE sponsored Faculty Development Programme on “**Hardware Verification Techniques**” held from 25.11.13 to 8.11.13, at KCG College of Technology, Chennai.
- Attended Three day Faculty Development Program on “**Advanced Training on CADENCE Software**” at KCG College of Technology, Chennai from 3 July to 5 July 2013.
- Attended a one day workshop on “**Becoming Creative**” at KCG college f Technology, Chennai on 2.7.13.
- Attended a one day UGC sponsored short term course on “**Research Methodology, Techniques of writing Research Articles for SCI Journals and Ph.D thesis preparation**”, conducted by **MIT campus, AnnaUniversity** on 7.3.13.
- Attended the one day workshop on “**Smart PhD Planning**” conducted by Paavai Engineering College and Computer Society of India held on 19th March 2012.

PROFESSIONAL MEMBERSHIPS:

S. No.	Organization	Membership Category
1.	The Institution of Engineers (India)	Life Member
2	Indian Society for Technical Education (ISTE)	Life Member

OTHER DETAILS (If any): NA