

Kings College of Engineering

Department of Computer Science and Engineering

Name:S.NIRMALA	
Designation:	Assistant Professor
Qualification:	B.E.,M.Tech.,
Area of Specialization:	CSE
Experience:	Teaching: UG: 1 Year
	PG: 10 Years
	Industry: Nil
No.of workshop/Conferences/FDP attended:	
Publication:	Journal National:NIL
	International : 2
	Conference National:15 International:3
Membership:	ISTE Member
Achievements :	Certified Python Programmer, from Cranes Software International Ltd
	AWS Certified Cloud Architect,

Publications:

1. I have published a paper in the International Journal of Enhanced Research in Science Technology and Engineering entitled as “**Multipart Nets Structure - Collecting Data and reducing interruption**” 10th March 2013.
2. I have published a paper in the “Dynamic Energy-Efficient Multi-Target Fog Mapping in IoT Using a Hybrid Q-Learning and Adaptive Swarm Intelligence”
- 3.
4. Model

Patent: NIL

International /National Conferences:

1. I have participated of **International Conference on photonics, Nano technology and Computer Applications (ICOPNAC-2009)** 25-28 February 2009, PRIST UNIVERSITY, Thanjavur, India.
2. I has attended **the International Workshop** organized by the Centre for Research and Development & Center for Development of Teaching and Learning ,”**The Art of Journal and Thesis writing (WAJTHEW-2012)**”, 5th Jan 2012,PRIST University.
3. I has participated **the Workshop organised by Center for Advanced Computing and Bioinformatics (CACB) on “Computing in Biology”**, 20th March 2012, PRIST University.
4. I has participated in the DRDO sponsored **two day workshop** organised by the Department of Computer Science in Association with the Center for research & Development on **“Cryptography and its Advances “**27th & 28th March 2012, PRIST University.
5. I have participated of **International Faculty Development Program , “Technologies with Social Relevance”** 27 July 2020-01 Aug 2020, GMR Institute of Technology,Rajam,AP, India.
6. I have attended and giving an oral presentation of **International Faculty Development Program , “Transparent and Distributed voting Leveraging Block Chain Technology”** 31 January 2025 & 01 st February 2025, Harcourt Butler Technical University (HBTU),Kanpur,UttarPradesh,India.
7. I have presented a paper entitled on AI-Based Face recognition system for automation and efficient attendance management in organization and Institutions in **International Conference on “Sustainable Innovations in Management,Technology & Advanced Computing -**

SIMTAC'25" in association with SEGi University,KL,Malaysia organized by School of Management Studies & School of Computer Application,4th April 2025 at Karpagam College of Engineering,Coimbatore.

National Conference

8. I has presented paper at ***the National Conference (Anweshya Gyan)*** entitled as ***"Wireless Sensor Networks using a delay aware Data -Collection networks Structure "***on 12th Oct 2012 organised by the PRIST University, Thanjavur.
9. I has presented a paper titled as ***"Encrypting data with Enhanced Security using ES-MPICH2"*** at the National Conference on Intelligent Computing and Applications (NCICA '13), 5th March 2013, Arasu Engineering College, Kumbakonam.
10. I has presented a paper titled as ***"Proxy Re-Encryption scheme secured against chosen cipher text attack"*** at the National Conference on Intelligent Computing and Applications , Arasu Engineering College, Kumbakonam.

FDP/Seminar attended

1. Attended Faculty Development Program on ***"Learning, Teaching and Curriculum Development"*** from January 10th to 12th, 2011, Organized by PRIST, Thanjavur.
2. I have participated in the Training Programme of ***National Institute of Technical Teachers Training & Research*** on ***"Instructional Design and Delivery Systems"*** 7th-9th January 2009.
3. I has participated for the ***AICTE Sponsored Staff Development Programme*** on ***"Algorithms and Complexity Theory"*** 31st May-4th June 2011, P.R.Engineering College, Thanjavur.
4. I has attended of ***Faculty Development Programme*** on ***"Learning, Teaching and Curriculum Development"*** 10th -12th Jan 2011, PRIST University.
5. I has attended National ***Programme*** on Technology Enhanced Learning(NPTEL) conducted by IIT Madras on 12.04.13 at PRIST UNIVERSITY,Thanjavur.
6. I has attended of ***Faculty Development Programme*** on ***"Artificial Intelligence"*** 22nd -26th May2020, Christian College of Engineering and Technology.
7. I has attended Webinar on ***"IT Network Infrastructure- an Overview"*** 05th August 2020, organised by , Sri Eshwar College of Engineering, Coimbatore.
8. I have participated in the ***One Day Workshop*** on ***"Natural Language Processing"*** 29 January 2021.
9. I has participated for the ***AICTE Sponsored One Week Online Short Term Training Program***

on ***“Python Based Machine Learning,Fundamentals to Application [Phase – III]”***22nd -27th February 2021, Anurag Engineering College, Kodad,India.

10. I have participated in the “Smart resume writing: Beating ATS with AI Strategies for students” organized by Department of Science , St.Joseph’s College of Engineering,OMR,Chennai.
11. I have participated in the **“One week National Level Faculty Development on Recent Advancements in AI & IOT”** organized by Department of Computer Applications 25 Nov 2024 -30 Nov 2024,Periyar Maniammai Institute of Science and Technology(PMIST),Vallam, Thanjavur.
12. I have participated in the **“One - Week Short Term Training Program(STTP) on Advanced Project and Scientific Paper Writing:Strategies for High-Impact Factor Journal Publication”** organized by Department of Chemistry,Kishori Raman (PG) College,Mathura,UttarPradesh,Indai & RSP Science Hub,Coimbatore,TamilNadu during 04- 09th November 2024.
13. I has successfully participated in Online workshop on topic "Introduction to Blockchain: The Future of the Internet." organized on 22nd March 2025 by ECLearnix EdTech Private Limited, Coimbatore, Tamil Nadu, India.
14. I have participated in the **“One – Week Virtual International Level Faculty Development and Training Program on “Smart and sustainable Solutions in Mobility :Clean Combustion,Waste-to-Energy & Quality Systems”** organized by Department of Automobile Engineering at Easwari Engineering College from June 23,2025 to June 28,2025
15. I have participated in the **“One – Week Faculty Development Program on “Recent Advancements in Artificial Intelligence (AI) & ML ”** organized by Department of Electronics and Communication Engineering,St.Joseph’s College of Engineering in association with STEP-National Institute of Technology,Surathkal and Pantech e Learning.

Programs organized

1. I has worked as a committee member for the AICTE Sponsored Staff Development Programme on “Algorithms and Complexity Theory” 31st May-4th June 2011, P.R.Engineering College, Thanjavur.
2. I has worked as a committee member **of *International Conference on photonics, Nano technology and Computer Applications (ICOPNAC-2009)*** 25-28 February 2009, PRIST UNIVERSITY, Thanjavur, India.
3. I has organized on “Latest Trends in CLOUD COMPUTING” 13 NOV-15 NOV 2024, Kings College

of Engineering.