Faculty Profile

A1	Personal Details

A.SEKAR, B.E., M.E

Assistant Professor

Department of Computer Science and Engineering

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A2	Areas of Interest	Wireless Sensor Network, Mobile Computing

A3	Subjects Taught	
UG		**PG**
Computer Programming		Software Requirements Engineering
Computer Networks		Design and Management of Computer Networks
Problem Solving and Python Programming		Machine Learning Techniques
Distributed Systems		
Software Engineering		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Computer Science and Engineering	PSR Engineering College	Anna University	2015
B.E.	Computer Science and Engineering	Adhiparasakthi College of Engineering	Anna University	2009

A5	Work Experience as on Dec 2016		
Name of the Institution	**Position**	**From**	**To**
Knowledge Institute of Technology, Salem	Assistant Professor	July 2016	Present
CARE Group of Institutions,	Assistant Professor	July 2016	May 2016
Swamy Abedhanandha Polytechnic College,	Lecturer	June 2011	August 2013
Gateway Soft Solutions, Chennai	.Net Developer	September 2009	May 2011
Total Experience	11.5 Years	**Teaching**	9.5 Years	**Research**	-	**Administration**	-

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	1	-	2	1	5

Recent Publications (Journals)	
1.	Sekar A, '**Failure Node Detection in WSNs: A Survey'**, IJERT Journal Volume 3, Issue 33, 2015.

Recent Publications (Conferences)	
1.	Presented a paper entitled '**Implementation of Effective Failure Nodes Detection in WSN Using MCS Algorithm'** in International Conference **INCATI'15** at SCAD College of Engineering and Technology.
2.	Presented a paper entitled '**A Novel Approach for Detecting Failure Sensors Nodes in WSNs**' in International Conference **ICICCE'15** at Coimbatore Institute of Technology.
3.	Presented a paper entitled '**Failure Node Detection in WSNs: A Survey'** in National level conference **RACAMS'14** at Dr.Umayal Ranganathan College.

A7	Programs Organised
1.	Organised State Level Startup Contest Olimayam 2.0 in association with StartupTN on 30th & 31st of March 2023.
2.	Organised Internal Hackathon (iStart Hackathon 2023) for KIOT Students 18th & 19th March 2022.
3.	Organized **RPA Champ 2019** in association with UiPath on 31st Oct 2019 – A National Level Robotic Automation Process Contest.
4.	Organised **Design Thinking Contest** on 6th March 2017 during CSI day Celebration.
5.	Organized **Apps Freaks Contest** on 9th Sep 2016 during KNOWMEET 2K17 – A National Level Technical Symposium.
6.	Organized **Young Programmer' 16** - A Programming Contest for I year Students on 15th Nov 2017.
7.	Organized **Web App Contest** on 9th Sept 2016 during KNOWMEET 2K16 – A National Level Technical Symposium.

A8	Consultancy Works
1.	Designed and Maintained the Website with Student Developer's Team for **IIS Technologies, Chennai.**

A9	Highlights of Major Contributions
1.	Acting as Startup Coordinator of KIOT Incubation and Startup Cell from December 2022.
2.	Acting as a Convenor of KIOT MoE IIC Council from December 2022.
3.	Undergone Industrial Training by **UiPath** through **Train the Trainer Mode** and

	have been represented as **Industry Trained Faculty**.
4	Coordinated the **ETS** (*Entrepreneur, Technopreneur and Startupreneur*) **Meet 2020** on February 21, 2020 in association with MHRD IIC and KIOT EDC Cell.
5	Under the MHRD Initiatives, Acted as Department Coordinator for **Unnat Bharath Abhiyan** and Coordinated the activities which are carried out in adopted villages.
6	Acted as **AICTE - SPOC** and coordinated the **Smart India Hackathon 2017, 2018, 2019** organised by Govt of India.
7	Serving as **Training-Placement Co-ordinator** for Department of CSE and have organised plenty of Training programs, On-Campus and Off Drives.
8	Acting as overall College **Website Co-ordinator** (Design & Development) from July'16 to till date. (kiot.ac.in, kbss.ac.in, alumni.kiot.ac.in, kiot.in)
9	Serving as **Exam Cell Co-ordinator** and co-ordinated University Laboratories, Exams and Department Internal Exams.

A10	Training Programmes Attended
1.	Attended a FDP on **Foundation Program in ICT for Education FDP101x** organized by IIT Bombay during 3rd – 7th Sept 2017.
2.	Attended a Five-day Workshop on **Python Programming** organised by KIOT CSI Student Branch during 24th – 28th July 2017.
3.	Participated in "**Digital Marketing Workshop**" conducted by CSI at Knowledge Institute of Technology on 18th November 2015 to 20th November 2015.
4.	FDP on "**Oracle Database Design & Programming with SQL**" conducted by ICT Academy of Tamil Nadu at Sona College of Technology from 21st November 2016 & 26th November 2016.

A11	Awards
1.	Received **Best Faculty Award** in the Academic Year 2012 -2023 from Knowledge Institute of Technology.
2.	Receive **Jury Award from StartupTN** for acting as a Jury Panel Member in Olimayam 2.0 – A Startup Contest
3	**Received Mentor Award in the Smart India Hackathon** 2017 by CVR College of Engineering, Hyderabad.
4	Received **Best Faculty Award** in the Academic Year 2015 -2016 from CARE Group of Institutions