

<b>Name:</b> <b>Mrs.K.P.Aishwarya</b>				
<b>Designation:</b>	<b>Assistant Professor</b>			
<b>Qualification:</b>	B.E (Computer Science and Engineering), M.E (Computer Science and Engineering)			
<b>Area of specialization:</b>	Computer Networks, Network Security			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	NIL		10 Years 2 Months	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	02		14	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	1	6	1	NIL
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	4		NIL	
<b>AU ID:</b>	<b>4125498</b>			
<b>AICTE ID:</b>	<b>7439111018</b>			

## **PUBLICATIONS (Journals)**

- A. Anbarasu, R. Suthan, I. John Solomon, K.P. Aishwarya “Thermal Barrier Coating on IC Engine Piston to Improve Performance Characteristics: A Review” Journal of Basic Sciences, Vol 23, Issue 1,2023
- “Sugarcane Yield Grade Prediction Using Multi Scale Deep Bidirectional Gated Recurrent Neural Networks” in SNAPP, Spring Nature (Scopus Indexed).
- “ANALYSIS OF PARTIAL SHADING OF AN URBAN PHOTOVOLTAIC SYSTEM” in IEEE Digital Xplore (Scopus Indexed).
- “Performance Analysis of Lightweight Virtualization for Environments with Edge Computing Based on NFV” in IEEE Digital Xplore (Scopus Indexed).
- “Adaptive Security Management Model for Networks” in IEEE Digital Xplore (Scopus Indexed).
- “Multi-Purpose Wearable Bio feedback” in IEEE Digital Xplore (Scopus Indexed).
- “A Deep Learning Strategy for abnormal object” in IEEE Digital Xplore (Scopus Indexed).

## **CONFERENCE PAPERS**

- “Message Signature Authentication Acceleration in Vehicular Ad Hoc Networks” at the Third National Conference on Networking organized by Agni College of Technology.
- “Delay Tolerant Message Authentication in Vehicular Ad Hoc Networks” at the International Conference on trends in Engineering organized by Tamizhan College of Engineering and Technology.
- “Data Analysis in IOT Health Care” at the Sixth International Conference on Intelligent Computing organized by Panimalar Engineering College.

## **LIST OF SHORT TERM COURSE/FDP/WORKSHOP ATTENDED**

- Participated in one day workshop on “Internet of things based Applications” organized by AB Technologies on 09.09.2017.
- Participated in three days workshop on “Robotics and Engineering Applications” at Vins Christian College of Engineering, Kanyakumari From 03.03.2019 to 03.03.2019.
- Attended One Week Online Short Term Training Programme on “ Long Range (LoRa) Wireless Area Networks: A Futuristic Approach ” Organized by Department of Electronics and Communication Engineering From 23.11.2020 to 28.11.2020 at KSR Institute For Engineering & Technology
- Attended Two Weeks Online Faculty Development Programme on “Computer Vision and Image Processing: Research issues, Innovation and Application” Organized by Department of Electronics and Communication Engineering From 20.01.2021 to 04.02.2021 at PSNA College of Engineering and Technology.
- Attended Two Weeks National Level Online Faculty Development Programme on “Digital Teaching, Learning and Research” Organized by St.Peter’s Institute of Higher Education and Research From 12.06.2021 to 23.06.2021.
- Attended One Week Online Short Term Training Programme on “Data Science Applied to Measurement and Control ” Organized by Department of Instrumentation Engineering From 31.01.2022 to 05.02.2022 at MIT Campus, Anna University.
- Attended Five days Online Faculty Development Programme in “Emerging Trends in Artificial Intelligent Systems” Organized by Department of Computer Science and Engineering On 31<sup>st</sup> March, 1<sup>st</sup>, 2<sup>nd</sup> , 8<sup>th</sup> and 9<sup>th</sup> April, 2023 at Jain Faculty of Engineering and Technology.
- Attended Five days Online Faculty Development Programme in “SCILAB Programme for Engineering Application” On 08.05.2023 to 12.05.2023 at NITTTR Chandigarh.

## EDUCATIONAL QUALIFICATION

<b>2012-2014</b>	<b>M.E (Computer Science and Engineering)</b> <i>(First Class)</i> Cape Institute of Technology, Tirunelveli , Tamil Nadu, India
<b>2008-2012</b>	<b>B.E (Computer Science and Engineering)</b> <i>(First Class)</i> K.N.S.K College of Engineering, Nagercoil, Tamil Nadu, India
<b>April-2008</b>	<b>Higher Secondary Certificate (HSC – State Board)</b> S.M.R.V Higher Secondary School, Nagercoil, Tamil Nadu, India
<b>April-2006</b>	<b>Secondary School Leaving Certificate (SSLC – State Board)</b> S.M.R.V Higher Secondary School, Nagercoil, Tamil Nadu, India

### Declaration:

I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

**(Mrs.K.P.Aishwarya)**