

Kings College of Engineering

Department of Computer Science and Engineering

Name: Mrs.K.Suganthi	
Designation:	Assistant Professor
Qualification:	B.E(IT),M.E(CSE),PG-DBDA
Area of Specialization:	Machine Learning, Big Data Analytics, Data Structures.
Experience:	Teaching: 14 Years
	Industry: -
No.of workshop/Conferences/FDP attended:	20
Publication:	Journal National:1 International : 1
	Conference National :4 International:-
Membership:	Life Member of ISTE .
Achievements :	100% Result Producer Cash awards

Publications:

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| 1. AI –Powered Workplace Safety Helmet and face Detection using Yolo for Access Control, International Research Journal of Engineering and Technology, Volume 12, Issue 5, 2025 |
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International /National Conferences:

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| 1. “Hand Geometry Based Identity Authentication System” in National Conference on “Excogintion in IT” at Kings College of Engineering in 21 March 2009. |
| 2. “Distributed Knowledge Mining on the K-Grid”, Proceedings of National Conference on Frontier Research Areas in Computer Science, pp-34, 2006. |

FDP/Seminar attended

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| 1. One week Faculty Development program on Recent Advancements in Artificial Intelligence (AI) &ML from 30 th June to 4 th July 2025. Organized by St.Joseph’s College of Engineering in associated with NIT Surathkal and Pantech Learning. |
| 2. Webinar on Embedded systems unleashed :Exploring the power of ESP8666 on 24.03.2025 organized by Pantech E-Learning Pvt Ltd. |
| 3. One week Faculty Development program on Transformative Technologies in Health Care: Leaveraging Data Science,IoT and AI”from 23 Sep 29 Sep 2024. Organized by St.Joseph’s College of Engineering and Technology. |
| 4. One day Seminar on steps to write persuasive project proposal organized by the internal quality assurance cell, Dr.M.G.R Educational Research Institute on 27.11.2024. |
| 5. One week Faculty Development program on Red Hat System Administrator from 24 ^h July to 28 th July 2023 organized by Vectra Techno soft Pvt Ltd. |
| 6. One week Faculty Development program on Advancement in security using Deep Learning”from 21 ^{sd} to 25 th March 2022. Organized by GMR Institute of Technology. |
| 7. Six days Short Term Training Programme sponsored by AICTE & qrganized by Anna University on Information Security from 6.1.2022 to 12.01.2022. |
| 8. National Level Six Days Faculty Development and Training programm on Emerging Technologies for Next Generation networks” organized by Kings Engineering college From 17 th July to 22 nd July 2023. |
| 9. Webinar on” Global Business Etiquette” on 2.12.2021 at by St.Joseph’s College of Engineering and Technologies. |

Programs organized

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| 1. Organized by one day National Level Workshop on Artificial Intelligence Using Deep Learning by Mr.R.Palaniappan Managing Director, Infosystems, Thanjavur on 19.09.2023. |
| 2. Organized by one day Data Science and Data Analytics Professor Dr.M.Malathy M.E.,Ph.D Department of Computer Science and Engineering, Vel Tech Hi Tech Dr RR Dr SR Engineering College, Avadi, Chennai. On 22.08.2023. |