




## K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

<b>Faculty Name</b>	K.Nivetha	
<b>Designation</b>	Assistant Professor	
<b>Educational Qualification</b>	M.Tech (CSE), (PhD)	
<b>Experience in Years</b>	Teaching: 4	
<b>Areas of Interest</b>	Machine Learning, Theory of Computation, Analysis and Design of Algorithms, Data Structures.	
<b>E-mail</b>	nivetha.ravi91@gmail.com	

### Educational Details

Examination/ Degree	College / University	Year of Passing
UG	St.Joseph's College of Engineering	2013
PG	Dr.M.G.R.University	2021
PhD	Vels University	

### Publications

#### Journal Publications:

- K.Nivetha,G.Victo Sudha George, "A Literature Survey on Internet of Underwater Things" published an international journal in "journal of Interdisciplinary Cycle Research" Volume: XII Issue: VIII, AUGUST/2020, ISSN 0022 – 1945.
- K.Nivetha, Divya C V, Adithi Rao, Smruthy B S, Afsana Ahammed Khan, "Leaf Diseases Detection and Classification Using Image Processing and Deep Learning Techniques" published an international journal in "International Journal of Scientific & Engineering Research" Volume 14, Issue 1, January-2023, ISSN

2229-5518.

- c. Gayatri Tanuja, Nivetha Kumaravel, Shradha Yadav, Tushar Dhiman, KM Yogalata, “AI-Powered Learning Analytics for Student Success: Opportunities and Challenges” published an international journal in “The Academic International Journal of Multidisciplinary Research” Volume 3, Issue 7, July 2025, ISSN: 2583-973X.

#### **Conference Papers :**

1. Attended International E-Conference and presented paper on “A Literature Survey on
2. Internet of Underwater Things” in ICARSETM-2020 (International e-Conference on Advanced Research in Science, Engineering, Technology and Management) held on 24/7/2020 & 25/7/2020 in Shadan Women`s College of Engineering and Technology, Hyderabad.
3. Attended 5 days Faculty Development Program on “Recent Advancements in Machine Learning Algorithms and Applications” from 16<sup>th</sup> to 20<sup>th</sup> January, 2023.
4. Attended 2<sup>nd</sup> International Conference on Materials and Energy Science (ICMES-2025) and won Best Paper Award for the paper “Eye state recognition using EEG signal with a Neurowave fusion and Smartstacker” at Aditya University held on 21<sup>st</sup> & 22<sup>nd</sup> March 2025.
5. Attended 7<sup>th</sup> International Conference and presented paper on “Dynamic Churn Prediction using machine learning for telecom industry” in ICSTEM-2023 (International Conference on Science, Technology, Engineering and Management) held on 05/04/2023 & 06/04/2023 at KIT- Kalaignar karunanidhi Institute of Technology, Coimbatore, TamilNadu, India.

#### **Awards**

Patent granted for “**AI-Based Digital Stress Management Device**” on **04-12-2025**. Joint inventor in collaborative government patent application.

## **Books**

Mrs.Nivetha Kumaravel, Dr.N.Chandrakala, Dr. Yogita s.Patil, Dr.Ganesh Kumar M, published book on "Quantum Computing: Theory, Architecture and Practical Implementation" (2025), ISBN: 978-93-89911-72-5.

## **Contact Details**

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