

## Faculty Profile

**Mrs. Nancy Eymal S, M.E.,**  
Assistant Professor,  
Department of Computer Science and Engineering  
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### Academic Background

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Degree	University	Year
Ph.D.	Karunya Institute of Technology and Sciences, Coimbatore.	Pursuing
M.E.	Anna University of Technology, Tirunelveli	2011
B.E.	Karunya University, Coimbatore	2009

### Courses Taught

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- Fundamentals of Computing and Programming
- Design and Analysis of Algorithms

### Research Interests

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- Image Processing
- Machine Learning and Deep Learning

### Most recent Publications

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- Jebadurai, Immanuel Johnraja, Getzi Jeba Leelipushpam Paulraj, Jebaveerasingh Jebadurai, and Nancy Eymal Samuel. "An AHP-Based Unmanned Aerial Vehicle Selection for Data Collection in Wireless Sensor Networks." In International Conference on mathematical Modelling and Computational Intelligence Techniques, pp. 267-282. Springer, Singapore, 2021. Scopus Indexed.
- Paulraj, Getzi Jeba Leelipushpam, Immanuel JohnRaja Jebadurai, Jebaveerasingh Jebadurai, and Nancy Eymal Samuel. "Cloud-Based Real-Time Wearable Health Monitoring Device Using IoT." In Computer Networks and Inventive Communication Technologies, pp. 1081-1087. Springer, Singapore, 2021. Scopus Indexed.
- Jebadurai, Jebaveerasingh, Immanuel Johnraja Jebadurai, Getzi Jeba Leelipushpam Paulraj, and Nancy Eymal Samuel. "IoT Based Safe Assembly Point Indicator System for Smart Buildings and Campuses." Solid State Technology 63, no. 5 (2020): 5486-5491.
- Jebadurai, J., I. J. Jebadurai, G. J. L. Paulraj, and N. E. Samuel. "Learning Based Resolution Enhancement of Digital Images." International Journal of Engineering and Advanced Technology 8 (2019): 3026-3030. Scopus Indexed.

- Jebadurai, J., I. J. Jebadurai, G. J. L. Paulraj, and N. E. Samuel. "Super-resolution of digital images using CNN with leaky ReLU." International Journal of Recent Technology and Engineering 8 (2019): 210-212. Scopus Indexed.
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#### Memberships in Professional societies

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- IAENG – International Association of Engineers - Membership Number 151032

#### Significant achievements:

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- Completed PCAP: Programming Essentials in Python course, provided by Cisco Networking Academy® in collaboration with OpenEDG Python Institute.