

Faculty Profile

Dr. D. BRINDHA
Assistant Professor,
Department of Computer Science and Engineering
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Academic Background

| Degree | University | Year |
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| Ph.D | ANNA UNIVERSITY, CHENNAI | 2019 |
| M.E(CSE) | ANNA UNIVERSITY, REGIONAL CAMPUS COIMBATORE (Coimbatore Institute of Engineering and Technology) | 2010 |
| B.E(EC) | BHARATHIAR UNIVERSITY (VLB Janaki Ammal College of Engineering and Technology) | 2000 |

Courses Taught

- Microprocessors and Microcontrollers
- Data structures and OOPS
- Digital Electronics
- Computer Networks
- Cryptography and Network Security
- Medical Electronics
- Principles of Management

Research Interests

- Image Processing-Machine Learning

Most recent Publications

- Dr.Devipriya A,Dr.T.sujatha, Mr. Sivaramakrishnan R, Ms.R.Janani , Dr.D.Brindha," Certain Investigation On Cardiovascular Monitoring System Using Internet Of Things" in Turkish Journal of Physiotherapy and Rehabilitation.

- D.Brindha, N.R.Deepa, Dr.Y.BabyKalpana, Dr.K.Murugan, Dr.A.Devipriya “ Automatic segmentation of spinal cord in MRI images via iterative Cuckoo Search based Random Walker and Online Kernel Learning (OKL) classifier”, in European Journal of Molecular & Clinical Medicine, Vol. 07, Issue 09, Dec 2020.
- A. Devi Priya, D. Brindha, J.A.M. Rexie, K. Ranjeethapriya and J. Granty Regina Elwin, “IOT Based Cardiac Rhythm Monitoring System Using Geolocation and Automation” , in Indian Journal of Science and Technology, Vol 13(01), 1 – 9, February 2020
- D.Brindha, Dr.N.Nagarajan,“An efficient automatic segmentation of spinal cord in MRI images using interactive random walker (RW) with artificial bee colony (ABC) algorithm”, in Springer– Multimedia Tools and Applications, Vol. 79, Issue 05-06, pg 3623–3644, Feb 2020, (IF: 1.541).
- Devipriya A, Dr.N.Nagarajan, D.Brindha, “Expert System based Machine Learning Techniques for Eye State Prediction”, International Journal of Pure and Applied Mathematics, 2018

Projects Guided

- UG Projects-15
- PG Projects-03

Memberships in Professional societies

- ISTE-Lifetime Member

Significant achievements:

- Seven days Faculty Development Training Programme approved by Centre for Faculty Development, Anna University, Chennai, on “Microprocessors and Microcontrollers” from 23.06.2014 to 29.06.2014.
- Two day workshop sponsored by Indian Academy of Science, on “Current Trends in Directions in Cryptography and Cyber Security” during 18.03.16 and 19.03.16 (1.17 LAKHS)

