



# Ms. Magniya Davis

Assistant Professor, Computer Science & Engineering

## Administrative Responsibilities

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- Website Coordinator

## Education Summary

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- M. Tech in Computer Science and Engineering
- B.Tech in Information Technology

## Employment History

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- As Software Developer at Aprameya SoftTech, Thrissur (1 year)
- As Assistant Professor and System Administrator at St. Joseph's College (Autonomous), Irinjalakuda (4 years and 2 months)

## Journal/Papers Published

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- Presented a paper entitled "Enhanced vision of hazy images" in International seminar "TRENDS" at sahrdaya college of Engineering and Technology, Kodakara.
- Presented a paper entitled "Enhanced vision of hazy images using thickness estimation and illumination adjustment" in the national seminar at MES College, Kunnukara.
- Map reduce top down approach for scalability and anonymization July 2017, Volume 4, Issue 07 JETIR (ISSN-2349-5162)

- Captcha as graphical passwords Magniya Davis et al, / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 6 (1) , 2015, 148-151
- Survey on Enhanced vision of hazy images Magniya Davis et al | IJCSET(www.ijcset.net) | January 2016 | Vol 6, Issue 1, 53-56
- Enhanced Vision of Hazy Images Using Haze Thickness Estimation and Illumination Adjustment International Journal of Engineering Science and Computing(IJESC), June 2016 Volume 6, Issue No 6
- An Exploration on Water Wireless Communication Systems International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Published by, www.ijert.org NSDARM - 2020 Conference Proceedings

## **Specialized Trainings**

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- Participated in a 7 days Faculty Development Programme on “R Programming” from 4/5/2020 to 10/5/2020 by St.Joseph’s College(Autonomous),Irinjalakuda in association with IIT,Bombay.
- College (Autonomous), Irinjalakuda in association with IIT, Bombay from May 2020 to May 2020
- Completed one week FDP on “User friendly tools for Teaching and Assessment” by Prajyothi College, Pudukad from 10 th July 2020 to 16th July 2020
- Completed and qualified the exam of one-week short term training program on “Advanced Research Methodology” by REST Society for Research, International (RSRI), Tamil Nādu, India from 11 May 2020 to 15 May 2020
- Online Introductory course on “Open-Source Tools for Instructional Scaffolding” by Sree Sankara Vidyapeetom College, Velayanchiragara, Perumbavoor
- Webinar “Project based Learning: A Different way to explore Engineering” by School of Engineering and Technology, Central University of Haryana, Mahendergarh
- One week FDP on “Next Generation Intelligence” by Computer Society India, St. Peter’s Institute of Higher Education and Research from 20 th May 2020 to 25 th May 2020
- “Lockdown Special Quiz”, part of Discover Budding Scientist Program by Department of Botany, St. Joseph’s College (Autonomous), Irinjalakuda, 2020

- “Getting Started with Cloud & Wordpress” by Department of BSc. IT & B.Voc.
- Software Development in association with IQAC, Jai Hind College
- Participated in meeting of Board of Studies in Department of Computer Science on July 2020 at St. Joseph’s College (Autonomous), Irinjalakuda
- All India Seminar on “Advances in Information Technology” organized by Institution of Engineers, India
- Webstream International Webinar Series, “Webinar 5 (Topic: Secure Coding Practices)” by Department of Computer Science, St. Joseph’s College (Autonomous), Irinjalakuda
- International Webinar Series 2020 on “Transformation through technology” by Indian Criminology & Forensic Science Association, ICFSA on May 2020
- “Python for Machine Learning” by Department of CSE, Govt. Engineering College Sreekrishnapuram, Palakkad in September, 2020
- “Tech Trends & Opportunities in Post Pandemic World” organised by Department of Computer Science, KPRCAS on May 2020
- “ICT Based Teaching-Learning Tools” by Inquire Hub & Odd-Partikle on May 2020
- Webinar on “Preparing for Online Teaching” by Sacred heart College, Kochi on May 2020
- 3 days workshop on “Android Programming” at St. Mary’s College, Thrissur, July 2016

## **Areas Of Interest**

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- Image Processing
- Machine Processing
- Software development
- Artificial Interlligence