



Mr. MOHAMMED SIDHEEQUE

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 <https://www.icet.ac.in/faculties/4/staff-profile>



Employment History

From Jan 2022	📌 Assistant Professor , Department of Computer Science & Engineering, ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY, Muvattupuzha.
Jan 2019 – Dec 2021	📌 Assistant Professor , Department of Computer Science & Engineering, P.A COLLEGE OF ENGINEERING, MANGALORE.
Jun 2017 – Jan 2019	📌 Assistant Professor , Department of Computer Science & Engineering, JAI BHARATH COLLEGE OF MANAGEMENT AND ENGINEERING TECHNOLOGY, Perumbavoor.
March 2017 – April 2017	📌 Assistant Professor , Department of Computer Science & Engineering, ILM COLLEGE OF ENGINEERING AND TECHNOLOGY, Perumbavoor.
Jan 2013 – March 2016	📌 Assistant Professor , Department of MCA, M.E.S -ADVANCED INSTITUTE OF MANAGEMENT AND TECHNOLOGY, Marampally, Aluva.
Feb 2012 – Jan 2013	📌 Lecturer , Department of Computer Application, MES College, Marampally, Aluva.

Education

Doctoral Degree

2019 – –	📌 P.hD. in Computer Science and Engineering (pursuing) : Bharathidasan university
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Post Graduate Research Degree

2016 – 2017	📌 M.Phil in Computer Science ,: Cochin University of Science and Technology.
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Post Graduation

2010 – 2012	📌 M.Tech in Computer Science and Information Technology ,: MS University.
2007 – 2009	📌 M.Sc in Computer Engineering and Network Technology ,: Mahatma Gandhi University.

Under Graduation

2001 – 2004	📌 B.Sc in Electronics with Computer : Mahatma Gandhi University.
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Diploma

Mar 2016 – Jul 2016	📌 Advanced Diploma in BigData Analytics : National institute of Electronics and Information Technology.
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Research Publications

Journal Articles

- 1 M. Sidheeque, P. Sumathy, and M. Abdul Gafur, "Adaptive scaling in deep convolutional neural networks for covid-19 identification in x-ray images," *Journal of Theoretical and applied information Technology*, vol. 101, no. 7, pp. 2577–85, 2023.
- 2 M. Sidheeque, P. Sumathy, and M. Abdul Gafur, "Deep learning and classification algorithms for covid-19 detection," *International Journal of Advanced Computer Science and Applications (IJACSA)*, vol. 13, no. 9, pp. 346–50, 2022.
- 3 P. V. Akhil, K. E. Akbersha, and M. Sidheeque, "Edge adaptive image steganography based on adaptive pixel pair matching," *IOSR Journal of Computer Engineering (IOSR-JCE)*, vol. 16, no. 1, pp. 76–80, 2014.

International Conference Proceedings

- 1 M. Sidheeque, M. Abdul Gafur, P. Sumathy, and N. Kalshetty j, "Covid-19 diagnosis in cxr images using deep transfer learning approach," in *Proceedings of the IEEE 2nd Mysore Sub Section International Conference (MysuruCon)*, Mysuru, India,, Publ by IEEE, 2022, pp. 1–6.
- 2 M. Sidheeque, P. Sumathy, and M. Abdul Gafur, "Covid-19 diagnosis in cxr images using deep transfer learning approach," in *Proceedings of the 2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)*, Publ by IEEE, 2022, pp. 1–7.

National Conference Presentations

- 1 M. Sidheeque, "A novel data embedding approach on digital images based on edge analysis and pixel value differencing technique," in *UGC sponsored National conference on Information and Communication Technologies*, BPC College, Piravom, 2014.
- 2 M. Sidheeque, "Character recognition using neural networks," in *National Conference on Advanced Trends in Information Technology*, Dr, NGP Arts and Science College, 2013.
- 3 M. Sidheeque, "Automatic license plate recognition using feed-forward neural networks," in *Research Seminar*, MES College, Marampally, 2012.

Skills



Languages	Strong reading, writing and speaking competencies for English, Malayalam and Intermediate reading and speaking competency for Hindi, Urdu and Tamil.
Coding Languages	C, PHP, C++, VB, JAVA, PYTHON
Research Interests	deep Learning, Machine Learning, Data Mining, Digital Image Processing.
Misc.	Training, Coordination, presentation, motivation, public speaking.

Miscellaneous Experience










Awards and Achievements

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| 2021 | Special Appreciation , from PACE, Manglore for Maintaining Good Result on Visvesvaraya Technological University Examinations during 2020-21 AY. |
| 2015 | Invitee , in the Discussion Forum chaired by Chief Minister of Kerala, Shri. OommenChandy on Employability Skills development programme. |
| 2009 | University First Rank , for the course, M. Sc. Computer Engineering and Network Technology offered by Mahatma Gandhi University, Kottayam. |






Miscellaneous Experience (continued)

- 2004  **General Secretary**, University Computer Network Association, Mahatma Gandhi University, Kottayam.
- 2004  **General Secretary**, Students Union, MES College Marampally affiliated under Mahatma Gandhi University, Kottayam.










Memberships In Professional Bodies

-  **Associate Member**, Institution of Engineers(IEI).
-  **Member**, Institute of Electrical and Electronics Engineers (IEEE) Expd.
-  **Member**, IEEE Sensors Council. Expd.
-  **Member**, IEEE Nanotechnology Council Expd.
-  **Member**, Association for Computing Machinery (ACM) Expd.
-  **Member**, Computer society of India (CSI) Expd.
-  **Member**, Science and engineering institute (SCIEI).
-  **Member**, Society of Digital Information and Wireless Communication.
-  **Member**, International Association of Engineers (IAENG).

Camp/ Workshops/Seminars Coordinator

-  **Three-day Workshop on Object oriented Concepts and Advance C++:** organized by Department of Computer Science and Engineering, PACE, Mangalore on 18,19 and 20 February 2020.
-  **Two day Live Workshop on Data Mining Functionalities:** Organized by Department of MCA , M.E.S-AIMAT, Marampally, Cochin on 27th and 28th February 2015.
-  **National Seminar on Trends in Computer Communication and Network Security (TCCNS-2013):** Organized by Department of MCA, M.E.S-AIMAT, Marampally, Cochin on October 31st, 2013.
-  **'Get set Goal' Four Day Residential Workshop on Computer Networking:** organized by Gateway, Computer network Association on 19th ,20th ,21st and 22nd June 2009 at STAS, Pullarikunnu, M.G University, Kottayam.
-  **Workshop on Public key infrastructure:** organized by Gateway, Computer network Association on 15th September 2009 at STAS, Pullarikunnu, M.G University, Kottayam.

Duties/Responsibilities

- 2023  **Member**, College Union Council, ICET
-  **Department Co-Ordinator**, Young Innovators programme, ICET
-  **Department Co-Ordinator**, Youth Red Cross, ICET
- 2021  **Course Coordinator**, Application Programming, Department of CSE, Pace, Mangalore.
-  **Course Coordinator**, Application Programming, Department of CSE, Pace, Mangalore.
-  **Criteria-5 Coordinator**, NBA, Department of CSE, Pace, Mangalore.
-  **Research Coordinator**, Department of CSE, Pace, Mangalore.
-  **CSE Research Centre of VTU,Pace, Mangalore**
-  **Criteria-5 Coordinator**, NBA, Department of CSE, Pace, Mangalore.

References

Dr. Abdul Gafur M

Principal

KMCT College of Engineering for Emerging

Technology

Mukkam, Kozhikode,

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Prof. ANWAR SADATH

Principal

Malabar polytechnic college

Maravattam, Kadampuzha, Malappuram, Kerala

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