

1. Name – K K Mujeeb Rahman
2. Education – degree, discipline, institution, year
  - Ph. D in Biomedical Engineering & Machine Learning, Vellore Institute of Technology, Vellore, India, 2023
  - Post Graduate Program in Machine Learning & Artificial Intelligence, TEXAS McCombs, The University of Texas at Austin, 2020
  - Master of Technology in Biomedical Instrumentation, Visvesvaraya Technological University (VTU), Karnataka, India, 2002
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (e.g., 2002-2007), full-time or part-time
  - Senior Lecturer, Department of Biomedical Engineering, Ajman University, 2022 Aug - Current
  - Lecturer, Department of Biomedical Engineering, Ajman University, 2004 Aug – 2022 July
  - Lecturer, Department of Electronics & Biomedical Engineering, Sahrdaya College of Engineering & Technology, India. 2003 July - 2004 May.
  - Visiting Professor, Department of Biomedical Engineering, Ajman University, Abu Dhabi, UAE, 2003 March to 2003 June.
4. Non-academic experience – company or entity, title, brief description of position, when (e.g., 2008-2012), full-time or part-time
  - Biomedical Engineer, Gulf Medical College Hospital, Ajman UAE, 2002 Sept - 2003 March.
5. Certifications or professional registrations
  - Chartered Engineer, Institution of Engineers (India).
6. Current membership in professional organizations
  - Corporate member of Institution of Engineers, India.
7. Honors and awards
  - Received award for supervising best students research at students' research day, Ajman University held on 9 – June, 2023, 2022, 2019, 2016 and 2010.
  - Certificate of participation and honor (cash award) – Final round qualified research poster, Mechatronics Dept., American University of Sharjah, May 2022.
  - Distinguished Reviewer Certificate - Biomedical Signal Processing and Control - Journal - Elsevier, 2016 and 2022
  - Best Project Live Demonstration award, 9th Annual Undergraduate Research Conference on Applied Computing (URC-2017) Organized by Zayed University, Dubai, April 26 - 27, 2017.
  - Recipient of Honorarium from Institution of Engineers (India) since 2010.
  - M. Tech gold medalist (University topper) from Visvesvaraya Technological University, 2002.

8. Service activities (within and outside of the institution)

- CAA & ABET Accreditation
- Biomedical lab development
- Alumni Committee
- Student Advisory

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

- Mujeeb Rahman K K; Mohamed Nasor, Classification of Mental State Using a Muse Headband and Machine Learning Algorithm; 2nd International Conf. on Advances in Signal Processing and Comm. Engg., ICASPACE-2023, MGIT, India.
- Mujeeb Rahman K K; Khawla Ahmed; Tala Moh'd; Amina Wali Alrahman. A Low-Cost Diabetic Retinopathy Screening Tool Using a Smartphone and Machine Learning Algorithm; 2nd International Conf. on Advances in Signal Processing and Comm. Engg., ICASPACE-2023, MGIT, India
- Mujeeb Rahman K K; Mohamed Nasor, Classification of Finger Movements Using Multi-channel EMG and Machine Learning; 2nd International Conf. on Advances in Signal Processing and Comm. Engg., ICASPACE-2023, MGIT, India
- K. K. Mujeeb Rahman, Mohamed Nasor, and Ahmed Imran, Automatic Screening of Diabetic Retinopathy Using Fundus Images and Machine Learning Algorithms, Diagnostics, Sep 2022, doi: 10.3390/diagnostics12092262
- Mujeeb Rahman Kanhirakadavath and Monica Subashini Mohan Chandran, Investigation of Eye-Tracking Scan Path as a Biomarker for Autism Screening Using Machine Learning Algorithms, Diagnostics, Feb 2022
- Mujeeb Rahman, K. K. and Subashini, M.M, Identification of autism in children using static facial features and deep neural networks, Brain Sciences, Vol: 12, Jan 2022, doi: 10.3390/brainsci12010094
- Mujeeb Rahman, K. K. and Monica Subashini, M. , A Deep Neural Network-Based Model for Screening Autism Spectrum Disorder Using the Quantitative Checklist for Autism in Toddlers (QCHAT), Journal of Autism and Developmental Disorders, Vol: 52, pp.2732 - 46, Jun 2022, doi: 10.1007/s10803-021-05141-2
- K K Mujeeb Rahman; M. Monica Subashini, ECG Signal Processing and Analysis for Accurate Features Extraction, Published in: 2019 IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), AJMAN, United Arab Emirates
- K K Mujeeb Rahman; M Monica Subashini; Mohamed Nasor; Ayman Tawfik , Development of bio-shields for Arduino Uno, Advances in Science and Engineering Technology International Conferences (ASET), Sharjah, 10.1109/ICASET.2018.8376901

10. Briefly list the most recent professional development activities

- Completed four courses from Coursera on ML and AI
- Completed 40 hours of training offered by Teaching and Learning center (TLC)