

Dr. Anuj Mohamed, MCA [NIT(REC), Calicut]

Ph.D. (Mahatma Gandhi University)

Associate Professor



Publications :12

Book Chapters : 8

Ph D Guiding : 6

M Phil Guiding : 2

M Tech Guiding : 2

Research Publications(Selected)

- Anuj Mohamed, K.N. Ramachandran Nair, Connectionist Approach for Emission Probability Estimation in Malayalam Continuous Speech Recognition, *Advances in Intelligent Systems and Computing: Information Systems Design and Intelligent Applications* (Mandal et al., eds.), Vol. 339, No.1, pp. 343-350, Springer, 2015. ISBN:978-81-322-2250-7. ISSN: 2194-5357.
- Anuj Mohamed, K.N. Ramachandran Nair, Enhancing HMM Based Malayalam Continuous Speech Recognizer using Artificial Neural Networks, *Smart Innovation, Systems and Technologies: Computational Intelligence in Data Mining* (L.C. Jain et al., eds.), Vol. 32, No. 2, pp. 259-267, Springer, 2015. ISBN: 978-81-322-2208-8. ISSN: 2190-3018.

- Anuj Mohamed, K.N. Ramachandran Nair, HMM/ANN Hybrid Model for Continuous Malayalam Speech Recognition, Procedia Engineering, Vol. 30, pp. 616-622, Elsevier 2012. ISSN: 1877-7058.

Ongoing Research Areas

1. Automatic Speech Recognition: Keyword Spotting.
2. Image Processing: Object Detection and Tracking in Crowd Analytics–Efficient Framework for Identification of Tumor in Brain Images - Design of Efficient Image Encryption and Authentication Algorithms.
3. Data Mining: Educational Data Mining- Efficient Methods for Frequent Pattern Mining - Clustering High Dimensional Data- Efficient Techniques for Mining Data in Internet of Things.

Academic Positions/Extension Activities

1. Member, Internal Quality Assurance Cell (IQAC), Mahatma Gandhi University.
2. Member, Board of Studies, School of Computer Sciences, Mahatma Gandhi University.
3. NAAC Co-ordinator, School of Computer Sciences.
4. Headship of the School(2.08.04 to 7.06.05 & 15.03.09 to 7.02.11).
5. Member, Academic Council, Mahatma Gandhi University (2004-05, 2009-11)
6. Member, Board of Studies in Computer Science (Pass), University of Kerala 19/1/2010 to 18/1/2013
7. Member, Board of Studies in Computer Science and Applications(PG), Mahatma Gandhi University 30/4/2010 to 29/4/2013.
8. Member , Board of Studies- MSc (OR&CA) Mahatma Gandhi University, 2002-05
9. Convenor, Anti Harassment Cell of the University 10/8/2010 to 9/8/2012.
10. Member, Implementation and Monitoring Committee for Campus Wide Networking, Mahatma Gandhi University,2009-11.
11. Patron, Computer Science Students' Association (C\$\$A) of the School (2004-05, 2009-11)
12. Life Member – IAENG (International Association of Engineers)
13. Professional Member of ACM (Association of Computing Machinery).
14. Member, Technical Advisory Committee, “Mahatma Gandhi University International Journal on Computing and Communication (MGU IJCC)” ISSN: 2318-8850.