SURYA S R

Assistant Professor Department of IT

College of Engineering Perumon

Email: suryasr@perumonec.ac.in

EDUCATION

- Ph.D* in Computer Science and Engineering at University of Kerala (***doing***)
- M.Tech. Computer Science from Department of Computer Science, University of Kerala.
- B.Tech Information Technology from College of Engineering Perumon,Kollam.

EXPERIENCE

Total 15+ years of teaching.

- Assistant Professor in CSE, College of Engineering Perumon under the Cooperative Academy of Professional Education (CAPE), established by the Government of Kerala from 03.01.2006–till date.

- Lecturer in Computer Science and Engineering in Amrita School of Engineering, Kollam from 09-06-2004 to 02-01-2006.

ACADEMIC ACHIEVEMENTS

- Qualified GATE in 2006,2010 and 2011
- Qualified NET in 2013

PUBLICATIONS IN SCI/ SCOPUS INDEXED INTERNATIONAL JOURNALS

- Surya S R, Philomina Simon," Automatic cloud removal from Multitemporal Satellite images", Journal of Indian Society of Remote Sensing July 2014**.**

PRESENTATIONS IN INTERNATIONAL CONFERENCES

- Robust cell detection of histopathological brain tumor images and analyzing its textual features. 2nd International Conference on Communication and Electronics Systems (ICCES) Coimbatore 19-20 Oct.2017

- Automatic Cloud Detection based on Haar Wavelet and Clustering, International Conference on Nextgen Electronic Technologies - Silicon to Software (ICNETS2 2017), VIT Chennai Campus, 23-25, March 2017

- Automatic Cloud Detection Using Spectral Rationing and Fuzzy Clustering, 2013 Second International Conference on Advanced Computing, Networking and security, NIT Surathkal 15-17, 2013

FACULTY DEVELOPMENT PROGRAMMES (FDP)/SEMINARS COORDINATED

- FDP on Machine Learning for Data Science and Analytics from 04-12-19 to 06-12-19
- KTU Sponsored FDP on Computer Vision and Machine Learning from 24-07-19 to 26-07-19
- FDP on Assembly Language Programming using NASM 19-01-2015 to 21-01-2015
- FDP on Computational Linguistics from 23-04- 2014 to 25-04-2014

MAJOR RESPONSIBILITIES HELD (Both past and present)

- Member-IQAC, College of Engineering Perumon
- Member of Alumni Association, College of Engineering Perumon
- Member of Academic Committee, TEQIP, College of Engineering Perumon
- Member of Anti Ragging Committee, College of Engineering Perumon
- Member of Grievances & Appeal Committee, College of Engineering Perumon
- CSI Student Branch Co-Ordinator, College of Engineering Perumon
- Head of Computer Science and Engineering Department, College of Engineering Perumon from June 2017 to October 2017.
- Head of Information Technology, College of Engineering Perumon from June 2017 to October 2017.
- Served as TEQIP Academic Nodal officer, College of Engineering Perumon

TRAINING PROGRAMMES/ FDPs/SHORT TERM COURSES/ WORKSHOPS ATTENDED

- FDP on Recent Trends in Communication and Networking from 6-1-20 to 11-1-20 at GEC Barton Hill

- FDP on Deep Learning and IoT Application using MATLAB from 21-01-2019 to 25-01-2019

- FDP on Computer Vision and Machine Learning from 24-07-2019 to 26-07-2019

- FDP on Machine Learning for Data Science and Analytics from   04-12-2019   to 06-12-2019

- FDP on Recent Trends in Networking & Cloud Computing from 16-12-2019 to 19-12-2019

- FDP on FDP on Outcome based Education for NBA accreditation from 10-10-2019 to 10-12-2019
- FDP on Recent Trends in Networking & Cloud Computing from 16-12-2019 to 19-12-2019

- FDP on Free and Open Source Software, SCT College of Engineering, TVM 13.12.2016-17.12.2016

- International Workshop on Collaborative Research - Challenges, Approaches & Opportunities, GEC Barton Hill , 01.12.2016 to 03.12.2016

- FDP on Recent Trends in Medical and Satellite Image Processing, College of Engineering Perumon , 11.07.2016 to 15.07.2016

- SDP on Automata Theory and Compilers College   of   Engineering Perumon , 18.04.2016 to 29.04.2016

- Workshop on Recent Advancements and Research Issues in Cloud Security, College of Engineering Perumon, 14.03.2016

- Workshop on Advanced Data Mining and Pattern Recognition, College of Engineering Perumon, 30.11.2015 to 04.12.2015

- Workshop on High Performance Computing- Parallelization College of Engineering Trivandrum (organized by KTU) , 16.01.2016

- Short Course on Python Programming, IIITM-K , 22.02.2016 to 26.02.2016

- SDP on Language Computing, CDAC Campus, TVM 18.01.2016 to 22.01.2016

- FDP on Assembly Language Programming using NASM, College of Engineering Perumon, 19-01-2015 to 21-01-2015

- FDP on Computational Linguistics, College of Engineering Perumon, 23-04- 2014 to 25-04-2014

- FDP on Research methods issues and challenges, College of Engineering Perumon ,17-10-2013 to 22-10-2013

- FDP on Wireless Networks, Research Issues & Applications, LBS, TVM, 04-11-2013 to 06-11-2013

- FDP on STTP on Number Theory and Cryptography, LBS, TVM ,11-11-2013 to 13-11-2013

- FDP on Android Programming College of Engineering Perumon, 19-11-2013 to 21-11-2013

- FDP on Enhancing Research skill for computer science researchers University of Kerala, TVM, 28-11-2013 to 29-11-2013

- FDP on Advanced Database Management Systems, College of Engineering Perumon, 9-12-2013 to 11-12-2013

- FDP on Power Electronics and Digital Techniques in Electric utility Applications, College of Engineering Perumon 7-07-2008 to 13-07-2008

- FDP on Communication Network and Information Security, LBSITW 26-05-2008 to 7-06-2008

- FDP on Workshop on eco-informatics, IIITM-K, 23-11-2007

SEMINARS/SYMPOSIA/CONFERENCES ATTENDED

- 2nd Biennial International Conference on Nascent Technologies in Engineeering (ICNTE-2017) organized by Fr.C.Rodrigues Institute of Technology, Navi Mumbai from 27.01.2017 to 28.01.2017

- National conference on Advances in Informatics and Computing Technology (AICT 2016), College of Engineering Perumon, 30.03.2016 to 31.03.2016

- National Seminar on Quantum cryptography College of Engineering Perumon on 20-11-2009

MEMBERSHIP IN PROFESSIONAL BODIES

- CSI Member

FIELD OF INTEREST

- Digital Image Processing
- Satellite Image Processing
- Machine Learning
- Soft Computing
- Data Structure

Surya S R