



Prasanthkumar P V

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Education

- 2012–2014 **Master of Technology in Computer Science and Engineering**, *Government Engineering College, Thrissur*, Calicut University, Kerala, CGPA – 7.96.
Specialization : Computer Science and Engineering
- 2002–2005 **Bachelor of Technology in Computer Science and Engineering**, *College of Engineering Trikaripur, Kasaragod*, Cochin University of Science and Technology, Kerala, Percentage – 71.7.
Specialization : Computer Science and Engineering

Teaching Experience

- 2017–Present **Assistant Professor**, M.S. Engineering College, Bangalore, Karnataka.
- 2010–2017 **Assistant Professor**, Vimal Jyothi Engineering College, Chemperi, Kannur, Kerala.
- 2006–2010 **Lecturer**, Vimal Jyothi Engineering College, Chemperi, Kannur, Kerala.

Publications

- International Conference "Word level Script and Language identification for Unconstrained handwritten document images", Eco-friendly Computing and Communication Systems (ICECCS), 2014, 3rd International Conference on, Page 14-18, IEEE Conference at NIT Surathkal
Autors Prasanthkumar P V, Dileesh E D
- International Journal "A survey on Script and Language identification for Handwritten document images", IOSR Journal of Computer Engineering, Volume 17, Issue 2, Ver. V (Mar- Apr. 2015), PP 105-109
Autors Prasanthkumar P V, Midhun T P, Archana Kurian
- International Journal "A Segmentation Based Automatic System for Brain Tumor Classification from CT Scan Images", Journal of Innovation in Electronics & Communication Engineering(JIECE), 2016
Autors Nayana Suresh, Prasanth Kumar PV

International Journal "An Artificial Immune System Classification for Recognition of Categorized Objects from Noisy Web Image Collection", International Journal of Engineering Research and Technology, Volume. 4 - Issue. 06 , June - 2015

Autors Nithina O, Prasanth Kumar P V

International Journal "A Survey on Future Aspects of Internet of Things (IoT)", International Journal of Innovations & Advancement in Computer Science, Volume 4, Special Issue May 2015

Autors Anoop Jose, Prasanthkumar P V, Mithun T P

Achievements

- ⇒ **GATE qualified (Three times) with highest score 481 (GATE 2011), .**
- ⇒ **Life member of ISTE (LM 64909), .**
- ⇒ **Member of Computer Society of India(2011-12) , .**

Training programs organized

- ⇒ **ISTE Approved Five day Faculty Development Programme on Computer Algorithm and Complexity Analysis from 25/04/2015 to 29/04/2015.**
- ⇒ **Three day STTP on Machine Learning Tools and Latex from 17/10/2015 to 20/10/2015 .**
- ⇒ **One day Workshop on Computer Networking: Network Simulator 3 on 03/09/2015 .**

Guest lectures

- 1 One day Resource Person for the 5 Day STTP on "Formal Language and Automata Theory" at Govt Engineering College, Kannur
- 2 One day Visiting Faculty at Govt. Engineering College, Kannur for taking the subject "Design and Analysis of Algorithm" for B.Tech students
- 3 Two day Visiting Faculty at Govt. Engineering College, Wayanad, for taking the topic "Complexity Theory and Randomization" for M.Tech Students.

Workshops and Training Programmes Attended

- 1 Three day International Workshop on "Digitalization and Data Analytics: Challenges and Opportunities" at Govt. Engineering College, Kannur from 11/03/2017 to 13/03/2017
- 2 One day NPTEL workshop on 17/06/2016 at Vimal Jyothi Engineering College, Chemperi
- 3 Five day STTP on "Formal Language and Automata Theory" at Govt. Engineering College, Kannur from 19/02/2016 to 4/03/2016
- 4 Five day STTP on "Machine Learning Algorithms and Tools" at College of Engineering Trivandrum from 05/01/2015 to 09/01/2015
- 5 Five day Faculty Enablement Program(FEP) on "Foundation Program 4.0" conducted by Infosys Limited, Mangalore Development Center Campus from 15/12/2014 to 19/12/2014
- 6 Two day workshop on Network Simulation Using NS2 at Govt. Engineering College, Thrissur. from 26/10/2013 to 27/10/2013
- 7 Five day workshop on "Digital Image Processing" at Govt. Engineering College, Thrissur

- 8 One day international workshop on "Cloud Computing and Aneka Platform" at Rajagiri School of Engineering & Technology, Kochi on 19/10/2013
- 9 Four day Staff Development Programme on "System Simulation Tools" at Vimal Jyothi Engineering College, Chemperi, from 03/08/2010 to 06/08/2010
- 10 Three day workshop on "Artificial Intelligence Systems " at Sahridaya College of Engineering & Technology, Thrissur from 26/03/2009 to 28/03/2009

Conferences

- 1 One of the member in the Judgement Panel for the National Conference on "Signal and Image Processing" organized on 23rd August 2014 by Department of Electronics and Communication Engineering, Vimal Jyothi Engineering College.
- 3 Presented a paper titled "Word Level Script and Language Identification for Unconstrained Handwritten Document Images" on 3rd International Conferences on Eco-friendly Computing and Communication Systems at NIT Surathkal from December 18-20, 2014
- 2 Participated in the 2nd National Conference on Emerging Trends in Computing (NCETIC'13) at Govt.Engineering College, Thrissur on 13-15 June 2013

Subjects Taught

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| - Design and Analysis of Algorithms | - Discrete Computational Structures |
| - Automata Theory of Computability | - Data Structures and Algorithms |
| - Operating Systems | - Switching Theory and logic Design |
| - Compiler Design | - Computer Algorithms and Complexity |
| - Computer Programming using C | - Computer Networking |
| - Computer Organization and Architecture | - Computer Graphics and Multimedia |
| - Artificial Intelligence | - Microprocessors and Microcontrollers |

Student Projects Guided

- 1 Malayalam character identification from Handwritten document images using Random Kitchen Sink Algorithm
- 2 Brain Tumor Identification from CT Scan Images
- 2 Heart Disease Detection Using Machine Learning tools
- 3 Distributed Word count programming using Hadoop
- 4 Automatic Electricity Meter reading detection from camera images
- 5 Automatic Music Genre Classification using MLP
- 6 Pattern recognition from marine images