

R.Krithika
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CAREER PROFILE

Teaching Experience

- Currently working as a Teaching Fellow in University College of Engineering Tindivanam since 19.7.2013
- Worked as an Assistant Professor in E. S. Engineering College, Villupuram from 18.6.2012 to 31.5.2013

Journal Publications

- Published a paper "Pragmatic Exploration of Multiple Antenna for X Band Applications using HFSS Simulation Tool" in International Journal of applied Engineering Research (ISSN : 09734562) Volume 10 No.72, 2015, pp 286-290.
- Published a paper "Video Segmentation : Combined Shot based Segmentation and Object based Segmentation using PSO and its Variants" in International Journal of applied Engineering Research (ISSN : 09734562) Volume 10 No.72, 2015, pp 414-424.
- Published a manuscript entitled " Bit Error Rate Wimax (Phy) Under different Communication Channels and Modulation Techniques" in International Journal of Engineering Inventions (ISSN: 2278-7461) Volume 1, Issue 3, September 2012.
- Published a paper "Parallel Co-Operative Spectrum Sensing Using Wavelet Transform" in the International Journal of Communications and Engineering (ISSN NO 0988-0382E) Volume No.1, Issue: 03 March 2012.

Conference Presentation

- Presented a paper "Experimental Investigation of Particle Swarm Optimization and Clonal PSO Algorithms for Wild Life Image Segmentation" in the 5th National Conference on Computational Methods, Communication techniques & Informatics conducted by Department of Computer Applications, Gandhigram Rural University Jan-2017.
- Presented a paper "A Case study of Micro-strip Patch antenna for Wi-Fi application using HFSS tool" in TEQIP II sponsored two days National Conference NT-SIPCOM'16 on 2nd, September 2016 at BIT campus, Trichy.
- Presented research work "Study and design of Micro strip patch antenna for GPS Application" in Interdisciplinary National Conference on Computational

Intelligence and Fuzzy System at BIT Trichy on 22nd January, 2015

- Presented research work “Performance Analysis of Microstrip Patch Antenna with different shapes using HFSS tool” in National conference on recent trends in Elctronics and Communication at UCE Kanchipuram on 25th march, 2015
- Won a memento “*Best Paper Award*” in the National Conference “Recent Trends in Computational Intelligent Techniques in Power System” held at Vivekananda College of Engineering for Women.

Academic Overview

- Acquired M.E (Communication Systems) from Dhanalakshmi Srinivasan Engineering College, Perambalur in 2010-2012 with 8.1(CGPA)
- Received B.E (Electronics and Communication Engineering) from Krishnasamy college of Engineering & Tech, Cuddalore in 2006-2010 with 71%

Seminars and Workshops

- **Faculty Development Program**
 - Signals and Systems at SKP Engineering College Conducted by IIT Kharagpur from 2nd to 12th January, 2014
 - EC6303 - Signals & Systems at University College of Engineering Tindivanam from 9th to 15th June, 2014.
 - EE6201 - Circuit Theory at University College of Engineering Tindivanam from 9th to 15th December, 2013.
- **Workshop**
 - “Product Design & Digital manufacturing” conducted by Autodesk India Pvt Ltd at UCE Villupuram from 20.12.2018 to 22.12.2018.
 - Attended one day Workshop “Signal Processing and its Applications” at UCE Kanchipuram at 5th February, 2015.
 - Has undergone training program on *Wireless Technologies* under Anna University, Chennai combined with BSNL, Tamilnadu circle
 - Attended National level seminar on “*4G-Wireless Technology*”

Subjects Handled

- RF and Microwave Engineering
- Transmission Lines And Wave Guides
- Electromagnetic Fields
- Antenna and Wave Propagation
- Digital Electronics
- VLSI design

Additional Responsibility

- Functioned as a Registration In-charge during Phase I TNEA at TFC UCET.
- Acted as a **Certificate Verification Officer** during Phase II TNEA in the duration 8.6.2018 to 14.6.2018 at TFC UCET.
- Played as **Class advisor** for the batch 2012-2016
- Accompany with the students of Batch 2011-2015, Batch 2012-2016, Batch 2015-2019, Batch 2016-2020 for the Industrial Visit to various places Doordarshan, BSNL, Vikram Sarabhai Space Centre (VSSC) – ISRO.
- Doing as a Time table coordinator since 2013 academic year.
- Lab In-charge – Optical and Microwave Lab

PERSONAL PROFILE

Name : R. Krithika
Father's Name : V.Rengaramanujam
Date of Birth : 17-10-1989
Gender : Female
Religion : Hindu

Declaration

I hereby declare that the information and facts states above are true and correct to the best of my knowledge and belief.

R.Krithika