

**K.S.INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**RESEARCH PROGRAM IN CSE, R&D Centre**

**VTU Research Scholars Details**

Sl. No.	Year of registration	Research Scholar Name	Guide	Title	Work place of Research Scholar	Work place of Guide	Status	Area
1	2012-13	Savitha S.K	Dr. N C Naveen	Novel Image Processing Methods for Abnormality and Disease Detection in Digital Chest Radiographs	BIT, Bangalore	Dayananda Sagar College of Engineering, Bangalore	Comprehensive Viva completed	Data Mining
2	2013-14	Sangeetha.V	Dr.S.Swapna Kumar	Strategic Decision making Modeling for Mitigating Uncertain Security Threats in MANET	KSIT Bangalore	Vidya Academy of Science and Technology, Thrissur, Kerala.	Comprehensive Viva completed	MANETs
3	2013-14	P.Priyanga	Dr. N C Naveen	A Framework for Health Analytics Using Machine Learning Techniques	KSIT Bangalore	Dayananda Sagar College of Engineering, Bangalore	Comprehensive Viva completed	Data Mining

4	2014-15	Vaneeta M	Dr.S.Swapna Kumar	Novel Key Distribution and Security Framework for node level Communication for WSN	KSIT Bangalore	Vidya Academy of Science and Technology, Thrissur, Kerala.	Course work completed	Wireless Sensor Networks
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## **LIST OF PUBLICATIONS BY SAVITH.S.K**

### **INTERNATIONAL JOURNALS**

1. Savitha S.K et al, “An Efficient Learning based Algorithm for Lung Boundary Detection for Chest X-ray Images”, *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)*, ISSN 2278-6856, Volume 3, Issue 4, July-August 2014, Page 291-298.
2. Savitha S.K, Dr Naveen N.C, “Study for Assessing the Advancement of Imaging Techniques in Chest Radiographic Images”, *Communications on Applied Electronics (CAE)*,ISSN: : 2394-4714,Volume4–No.5,Foundation of Computer Science FCS, New York, USA,February 2016.
3. Savitha S.K, Dr Naveen N.C, “Algorithm for Preprocessing Chest X-Ray using Multilevel Enhancement Operations” ,IEEE International Conference on Wireless Communication,Signal Processing, 2016.

## **LIST OF PUBLICATIONS BY SANGEETHA.V**

### **INTERNATIONAL JOURNALS**

1. Sangeetha.V et al, "*Study of Standard Techniques for Mitigating the Intrusion Events in Mobile Adhoc Network*", International Journal of Innovative Research in Computer and Communication Engineering, ISSN:2320-9801, Vol 3, Issue 4, April 2015,Page 3591-3598.

### **INTERNATIONAL CONFERENCES**

1. Sangeetha.V et al, "*ZIDS: Zonal-based Intrusion Detection System for Studying the Malicious Node Behaviour in MANET*", IEEE International Conference on Emerging Research in Electronics, Computer Science and Technology(IEEE ICERECT-2015) in PES College of Engineering, Mandya, on December 17<sup>th</sup> and 19<sup>th</sup> 2015.
2. Sangeetha.V et al, "*Hand Sign Communication System for Hearing Impaired*", International Conference on Trends in Technology for Convergence (TITCON'15) in AVS Engineering College, Salem, TamilNadu on April 10<sup>th</sup> and 11<sup>th</sup> 2015.

### **NATIONAL CONFERENCES**

1. Sangeetha.V et al, "*Gathering Data using Mobile Nodes in Wireless Sensor Network – A Survey*", National Conference on Advances in Computing & Communication Technologies(NCACCT -2015) in Sai Vidya Institute of Technology, Bangalore on April 28<sup>th</sup> and 29<sup>th</sup> 2015.

2. Sangeetha.V et al, "*Feed Forward Neural Network Approach for Edge Preserving Image Compression Technique*", National Conference on Recent Trends in Computer Technology (RTCT ' 2011) in R.V.College of Engineering, Bangalore on April 29<sup>th</sup> and 30<sup>th</sup> 2011.
3. Sangeetha.V et al, "*A Semantic Architecture of Delay Tolerant Network using Interactive protocol*", National Conference on Recent Trends in Computers, Communication & Information Technology(Rccit'11) held at M.S.Engineering College, Bangalore on April 8<sup>th</sup> 2011.
4. Sangeetha.V et al, "*Sound based Multimodal Person Identification by Voice and Signature*", National Conference on Emerging Trends in Information Technology(NCETIT - 11) held at Don Bosco Institute of Technology, Bangalore on March 9<sup>th</sup> 2011.
5. Sangeetha.V et al, "*An Image Encryption Approach using a Combination of permutation technique followed by Encryption*", National Conference on Informatio Processing (NCIP -2010) held at AMC Engineering College, Bangalore on March 24<sup>th</sup> 2010.

## **LIST OF PUBLICATIONS BY P.PRIYANGA**

### **INTERNATIONAL JOURNALS**

1. “Mining Health Data Using Weighted Approach”, Mrs. P.Priyanga, Dr. Naveen N C ,Communication on Applied Electronics(CAE) – ISSN : 2394-4714, Foundation of Computer Science FCS, New York, USA, Volume 5 – No.10, September 2016 .
2. “*Literature Review: Web Mining Techniques in Healthcare Applications*” Mrs. P.Priyanga, Dr. Naveen N C ,International Journal of Computer Engineering and Applications, Special Issue, May 2016.
3. “User Identification, Classification and Recommendation in Web Usage Mining – An Approach for Personalized Web Mining”, Mrs. P.Priyanga, Dr. Naveen N C, International Journal of Innovative Science, Engineering and technology(IJISSET), Vol 2, Issue 4, April 2015, ISSN 2348- 7068.
4. “Agile Development in Foundry to improve Quality” ,Mrs. P.Priyanga, Mr.PiyushPareek,Dr.Nandakumar et al, International Journal Of Engineering Research and Technology(IJERT), NCRTICE – 2013, ISSN: 2278-0181,pp240-243.
5. “DNA Computing” , MrsPriyanga,Mr.PiyushPareek et al, International Journal Of Engineering Research and Technology(IJERT), NCRTICE – 2013, ISSN: 2278-0181,pp 122-128.
6. “Haptic Technology for Daily Life Applications ” , MrsPriyanga,Mr.PiyushPareek, et al, International Journal Of Engineering Research and Technology(IJERT), NCRTICE – 2013, ISSN: 2278-01, pp129-134.

### **INTERNATIONAL CONFERENCES / WORLD CONFERENCES**

1. Mrs. P.Priyanga, Dr. Naveen N C ,“*Literature Review: Web Mining Techniques in Healthcare Applications*” in the international conference on ICCSTAR-2016, City Engineering College, Bangalore,May 2016. .
2. Mrs.P.Priyanga ,Dr.A.N.Nandakumar,“*Cognitive Radio Networks - A Novel Approach of Combining Routing Metrics*”,2<sup>nd</sup> World Conference on Applied Sciences ,Engineering & Technology (WCSET 2013), Geetam University ,Hyderabad 8-9<sup>TH</sup> March 2013.ISBN :978-81-923724-2-6

## NATIONAL CONFERENCES

1. P.Priyanga et al, “A Filtering Mechanism to Mitigate the Unwanted Text Message From the OSN Wall“, National Conference on Networking, Image Processing and Multimedia (NaCoNIM ‘ 2014) in K.S. Institute of Technology, Bangalore on April 5th 2014.
2. P.Priyanga, Piyush Kumar Pareek ,Dr.A.N.Nandakumar, “Agile Development in Foundry to improve Quality “,National Conference on Recent Trends in Information & Communication Engineering(NCRTICE -2013) held at City Engineering College, Bangalore on April 19<sup>th</sup> 2013,ISSN:2278-0181.
3. P.Priyanga,Piyush Kumar Pareek et al, “*Haptic Technology for Daily life Applications*“,National Conference on Recent Trends in Information & Communication Engineering(NCRTICE -2013) held at City Engineering College, Bangalore on April 19<sup>th</sup> 2013, ISSN:2278-0181.

4. P.Priyanga,Piyush Kumar Pareek et al, “*Randomised Protocol for duplicate elimination in peer-peer storage systems*“,National Conference on Recent Trends in Information & Communication Engineering(NCRTICE -2013) held at City Engineering College, Bangalore on April 19<sup>th</sup> 2013, ISSN:2278-0181.
5. P.Priyanga,Piyush Kumar Pareek et al, “*DNA Computing*“,National Conference on Recent Trends in Information & Communication Engineering(NCRTICE -2013) held at City Engineering College, Bangalore on April 19<sup>th</sup> 2013, ISSN:2278-0181.
6. P.Priyanga et al, “Routing Strategy – A New Approach for Cognitive Radio Networks “, National Conference on Networking, Image Processing and Multimedia (NaCoNIM ‘2014) in K.S. Institute of Technology, Bangalore on Sep 8<sup>th</sup> 2012.