



**SECAB INSTITUTE OF ENGINEERING & TECHNOLOGY, VIJAYAPUR-
586109. KARNATAKA. INDIA.**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Research Centre Details

Sl. No	Name of the Research Centre	Year of Establishment
1.	Research Centre for Electronics and Communication Engineering	2016

PhD Registrations

Sl. No	Name of the Research Guide	Name of the Research Scholar	Year of Registration
1.	Dr. Noorullah Shariff C	Ms. Tabasum Gulledgudd	2017

Faculty Research

1. Faculty Research Areas

Sl. No.	Faculty Name	Research Area
1.	Dr. Noorullah Shariff	Information Security, Big Data
2.	Ms. Tabasum Guledgudd	Biomedical Signal Processing
3.	Mrs. Yasmeen Saundatti	VLSI Design
4.	Mr. Santosh Shirol	Wireless Sensor Networks
5.	Mr. Mohammad Ziaullah	Biomedical Signal Processing
6.	Ms. Salma Hussainnaik	Image Processing
7.	Mr. Abdul Khadar P.	Speech Processing
8.	Mr. Rafeek Alas	Semiconductor Device Modeling

2. Ph. D. Registrations

Sl. No.	Faculty Name	Title of the Research Work	Research Centre	Year of Registration
1.	Prof. Tabasum Guledgudd	Design, Development and Evaluation of IOT based Health care monitoring frameworks.	Department of Electronics and communication, SIET, Vijayapura	2017
2.	Prof. Mohammad Ziaullah	Automatic Detection & Prediction of Epilepsy Seizure Disorder Using EEG Signal analysis	PDA College of Engineering, Department of Electronics and Instrumentation Engg., Kalaburagi	2016

3. Publications

Sl. No.	Author's Name	Paper Title	Journal Name with ISSN	Year and Month
1.	Tabasum Guledgudd, Deepak Kurli, Premkumar Saidapur, Kalim Kazi, Manjunath Patil	IOT Based Unmanned Lake Cleaning Machine	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5	May 2018
2.	Tabasum Guledgudd, Deepak Kurli, Premkumar Saidapur, Kalim Kazi, Manjunath Patil,	Iot Based Smart Health Care Monitoring System Using Raspberry Pi	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5	May 2018
3.	Mallanagoud Chikkond, Mohammed Sohail M, Mohammad Khaja Hussain M, Sumit H, Appalal L	“Solar Powered Wireless Controlled Agriculture Spray Platform”	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5	May 2018

4.	Mrs. Uzma I Satteekar, Ms. Asmanaaz R Pathan, Ms. Sufiya H Inamdar, Ms. Atiyaparveen Jagirdar, Mr. Santosh pukale	Conversation System For Non-Vocal People Using Hand Gestures	International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 ISSN: 2320-2882	April 2018
5.	Mrs. Uzma I Satteekar, Ms. Salma Hussainnaik, Ms. Amena Farhat, Ms. Ayeshabegum,	Smart Jacket For Soldiers	International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 ISSN: 2320-2882	April 2018
6.	Mohammad Ziaullah,	“ARM Microcontroller Based Border Security Robot”	International Journal Of Scientific Research And Development, Volume 5, Issue 6	August 2017
7.	Salma Hussainnaik,	“Implementation And Performance Analysis Of DCT-DWT-SVD Based Watermarking Algorithms For Color Images	International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE) , ISSN: : 2320-9801.	August 2017

8.	Salma Hussainnaik, Farooq Indikar, Reshma H Husennaik,	“Review on Digital Watermarking Images”	International Journal of Engineering Development & Research, ISSN: 2321-9939, Vol. 5, Issue 4,. Impact Factor: 5.67	June 2017
9.	Uzma I Sateekar, Salma Hussainnaik, Amena Farhat and Ayesha Y Momin,	Smart Jacket for Soldiers	”, International Journal of Creative Research Thoughts (IJCRT).UGC Approved ISSN:2320-2882.	June 2017
10.	Mohammad Ziaullah, Zuber Ahmed Punekar, Ujwala S, M. Megha,Bhagyashri M,	“Denoising of EEG Signals For Analysis of Brain Disorders: A Review”,	International Research Journal of Engineering and Technology, ISSN: 2395 - 0072 Volume: 04 Issue	: 07 July – 2017
11.	Mohammad Ziaullah,	Border Patrolling Operations Using Intelligent Robot	International journal for science and advance research in technology, Volume 3,Issue 10	October 2017

12.	Mohammad Ziaullah , Roshan Ara	“Secured Transmission of Data over AWGN Channel Using Image Features, Steganography and AES”	International Conference On Current Research And Applications In Electrical Science(Iccraes-2016),Oct 04-05,Kalaburagi, Karnataka, India	October 2016
13.	Mohammad Ziaullah , Roshan Ara	Implementation of Physical-Layer Network Coding in Two Way Relay Networks: A Survey	International Conference On Current Research And Applications In Electrical Science (Iccraes-2016),Oct 04-05, Kalaburagi, Karnataka, India.	October 2016
16.	Zuber Ahmed Puneekar,	“Design and Implementation of Floating Point ALU with Parity Generator Using Verilog HDL”	IOSR Journal of VLSI and Signal Processing, Volume 5, Issue 5, Ver. I (Sep - Oct. 2015), PP 00-00 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197	October 2015

17.	Ziaullah, Mohammad, Prakash Shetty, and Shoaib Kamal.	"Image feature based authentication and digital signature for wireless data transmission."	Computer Communication and Informatics (ICCCI), 2016 International Conference on. IEEE, 2016	August 2016
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Head,
Department of Electronics and Communication
Engineering