



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Research Centre Details

Sl. No	Name of the Research Centre	Year of Establishment
1.	Research Centre for Electrical and Electronics Engineering	2017

PhD Registrations

Sl. No	Name of the Research Guide	Name of the Research Scholar	Year of Registration
1.	Dr. Mulla Anwar	-	-

Faculty Research

1. Faculty Research Areas

Sl. No.	Faculty Name	Research Area
1.	Mr. Anwar Mulla	Electrical Engineering
2.	Mr. Wasim Nidagundi	Power System Engineering
3.	Tajuddin Nadaf	Electrical Machine and Control
4.	Mr. Abdul Munaf	Control Systems
5.	Abid Punekar	Communication and Signal Processing
6.	Mr. Suhaib Mohammed	Power Electronics and Renewable Energy Sources.
7.	Mr. Tajuddin Nadaf	Reactive power compensation of DFIG based wind turbines.
8.	Mr. Gourishankar C	Embedded systems
9.	Mr. Shivaram J	Control Systems
10.	Mr. Anand Dodamani	Embedded Systems
11.	Miss. K.C.Hanchinal	High Voltage engineering
12.	Miss. Savita Kundargi	Power and Energy Systems, Bio Medical instruments

2. Ph. D. Registrations

Sl. No.	Faculty Name	Title of the Research Work	Research Centre	Year of Registration
1.	Mr.Suhaib Mohammed	Design and Fabrication of Grid Connected Wind Turbine Blades for Low Wind Speed Regimes	Dept. of Electrical and Electronics, Basaveshwar Engineering College, Bagalkot.	2016
2.	Mr. Wasim Nidagundi	Study, Analysis And Simulation of Power System with Distributed Generation and Changing Load Profile.	Dept. of Electrical and Electronics, Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad.	2018

3. Publications

Sl. No.	Author's Name	Paper Title	Journal Name with ISSN	Year and Month
1.	Suhaib Mohammed, Noorullah Shariff, Irfan N Shaikh	Design of Automatic Bell Ringing System with User Defined Informative Display	International Journal of Trend in Research and Development. Vol. 5, No. 4, 2018. ISSN 2394-9333.	2018
2.	Miss. K.C.Hanchinal, Miss Savita C. Kundargi	Design and Implementation of ATM Security System Using Vibration Sensor and GSM Modem	International Research Journal of Engineering and Technology Vol. 5, No. 8,	2018


			pp. 2395–0072, 2018. ISSN 2395-0056.	
3.	Miss Savita C. Kundargi	Net-Metering for Home to Conserve Electrical Energy	International Journal of Engineering Science Vol. 8, No. 7, PP:18708-18711 2018. ISSN 2321-3361.	2018
4.	Shivaraj Kumar H.C, Dr. B.G Kumaraswamy, Gourishankar C	ABC and TLBO Hybridized Algorithm Based Reactive Power Compensation for DFIG Base Wind Farms - A Survey	International Journal of Electronics Engineering Research International Journal of Electronics Engineering Research Vol. 4, No. 9, pp.24-28 2039–2048, 2017. ISSN 2349-5162.	2017
5.	Shivaraj Kumar H.C, Dr. B.G Kumaraswamy, Gourishankar C	Selection of Weibull Distribution Function for Different Wind sites- A survey.	International Journal of Electronics Engineering Research Vol. 5, No. 3, pp.19-23, 2017. ISSN 2358-6988.	2017
6.	Mohammad Ziaullah, Zuber Ahmed Punekar, Gulshan Mulla,	ARM Microcontroler based Border Security Robot.	International Journal for Scientific Research & Development Vol. 5, No. 6,	2017

	Shantinath Savadi		pp.2166-2168 , 2017. ISSN 2321-0613.	
7.	Mr. Zuber Ahmad Punekar, Mr. Mohammed Ziaullah,, Mr. Wasim N, Mr. Sunil Chavhan	Border Patrolling Operations Using Intelligent Robot	International Journal for Science and advance Research in Technology Vol. 3, No. 10, pp. , 2017. ISSN 2395-1052.	2017
8.	Miss. K.C.Hanchinal, F. M. Kudachi	High Frequency Fed Unity Power Factor Ac Dc Converter with One Switching Per Cycle.	International Journal of Engineering Science Vol. 6, No. 5, pp.6328-6331 , 2017. ISSN 2250-1371.	2016
9.	Anand Dodamani, Prachi Jagtap, Sunanda Rahut	Replacement of HMI of Brake Bleeding System	International Journal of Novel Research in Engineering and Science Vol. 2, No. 2, pp.128-132 , 2016. ISSN 2394-7349.	2016
10.	Shivaraj Kumar H.C, Noorullah Sherif, Gourishankar C	An Application of Soft Switching for Efficiency Improvement in ZVT-PWM Converters	International Journal of Electronics Engineering Research Vol. 4, No. 4, pp.45-50 , 2016. ISSN:2348-6988 .	2016

11.	Suhaib Mohammed, Raghuram L Naik	Performance of H-rotor vertical axis wind turbine under low wind speed regimes and its suitability for built environment”	Under Consideration
12.	Suhaib Mohammed, Raghuram L Naik	“Optimization of wind turbine blades for low wind speed regimes-A Review”	
13.	Suhaib Mohammed, M.K.Rabinal	“Electrochemical Impedance Spectroscopy as a Tool for Water Quality Assessment	

Research Related Student Projects

Academic Year 2015-16

Title	Graphine –Silver Based Plasmonic Nano Composites for Effective Solar Absorption
Student Names	Ms. Jenifer Pushpa Samuel, Mr. Mohammed Nawaz
Guide Name	Mr. Suhaib.Md.
Funding Agency	Vision Group of Science and Technology (VGST), GOK, India.
Photo	

Academic Year 2017-18

Title	Design and Implementation of An Improved Version Of Solar Inverter
Student Names	Ms.Uzma Banu Mujawar. , Ms. J.Mubashira Banu. , Ms. Nikhat Banu Sonar, Ms. Summaiyya Mulla.
Guide Name	Mr.Shivaram Jalapur
Funding Agency	41 st Series, SPP, Karnataka State Council for Science & Technology(KSCST), Govt. of Karnataka, India

Photo



Academic Research Colloquia

1. Academic Year 2015-16



Title: "Sustainable Energies"

Speaker: **Dr. T.V.Ramachandra**, Professor, Indian Institute of Science (IISc), Bengaluru, Karnataka, INDIA.

Date: 11/11/2015



Title: “Power Quality Issues”

Speaker: **Dr. Uma Rao**, Professor, Electrical and Electronics engineering department, **REVA institute of technology**, Bengaluru, Karnataka, INDIA.

Date: 05/03/2016

2. Academic Year 2016-17



Title: “Technical Innovation and optical Images”

Speaker: **Iven Jose**, Professor, E&EE Department **Christ University**., Karnataka, INDIA.

Date: 12/02/2017



Title: “Grid Technologies”

Speaker: **Dr. Vinod Kumar**, Professor, E&EE Department NIT Varangal, Karnataka, INDIA.

Date: 11/03/2017

3. Academic Year 2017-18



Title: “Solar PV System Design”

Speaker: **Dr.Suresh .H. Jangamshetti** , Professor, E&EE Department, Basaveshwar Engineering College Bagalkot, KARNATAKA, India

Date: 17/02/2018

Head,
Department of Electrical and Electronics Engineering