



**SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Progress of Research Centre

1. Name of the College / Institute: SECAB Institute of Engineering and Technology

2. Departments Recognized as Research Centers: Electrical and Electronics Engineering

Sl. No.	Name of the Dept.	Year of Est. as Research Centre	No. of Eligible Guides	No. of Candidates Registered	
				Ph.D.	M.Sc. (Engg.) by Research
1	Electrical and Electronics Engineering	2017	01	-	-

VTU, Belgaum



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3. Details of Research Guides

Sl. No.	Name of the Research Guide	Name of the University from which Ph. D is obtained	Year of obtaining Ph. D	Dept.	No. of Candidates Registered for		No. of Candidates completed		
					Ph.D.	M.Sc. (Engg.)	Course Work	Comprehensive Viva-Voce	Submitted Final Thesis
1	Dr.Mulla Anwar Mubarak	Dr.Babasaheb Ambedkar Marathawada University, Aurangabad	2011	E&E	-	-	-	-	-

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4. Details of Research Scholars

Sl. No.	Name of the Research Scholar	Dept.	Registered for			Status of Completion of		
			Year of Registration	Ph.D.	M.Sc. (Engg.) by Research	Course work [Y/N]	Comprehensive Viva-Voce [Y/N]	Submitted Final Thesis [Y/N]
Research Center approved during academic year 2019-20								

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5. List of 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



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			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



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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



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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
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6. The Candidates registered for Ph. D. /M.Sc. Engg. by Research from Other Universities if any

Sl. No.	Name of the Research Scholar	Department	No. of Registration	No. of Candidate Registered for		Name of the Other University
				Ph. D.	M. Sc. Engg.	
None						

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7. Any other information

a) Faculty Ph.D Registrations in Research centres of other institutes.

Sl.No.	Name	USN	Research Center	Status	Year of Registration
1	Mr.Suhaib Mohammed	2BA17PEA10	Dept. of Electrical and Electronics, BEC Bagalkot	Completed Course Work	2016-17
2	Mr. Wasim Nidagundi	2SD18PEE01	Dept. of Electrical and Electronics, SDMCET, Dharwad.	Completed Comprehensive-Viva Examination	2017-18

b) Research Grants Received

Sl.No.	Name of the faculty	Proposal Title	Grant received in Rs.	Funding Agency
1	Mr.Suhaib Mohammed	Graphene based silver nano composites as effective solar absorber	40,000	Vision Group on Science and Technology, GoK
2		Design and Development of Portable Wind Blades using Fibre Reinforced Composites and Realization of Low Cost Wind Mills	2, 00, 000	TEQIP Cell, VTU, Belagavi.



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c) Identified Research Scholars for Ph.D Registrations 2020-21

Sl. No.	Name of the Research Scholar	Designation and Organization	Title of the Research Work	Status
1.	Mr. Shivaram Jalapur	Asst. Prof., Dept. of EEE, SECAB.I.E.T, Vijayapura.	Partial Discharge Localization and Classification using Acoustic Emission Analysis in Power Transformer.	Appeared for ETR during Academic Year 2019-20
2.	Miss. K.C.Hanchinal		Study of Dielectric Breakdown Performance of Transformer Oil based Magnetic Nano Fluids	
3.	Mr. Anand Doddamani		Effects of integration of distributed power generation on Power System Stability	