

Department of Electrical & Electronics Engineering

PhD Students Details

1. Research Supervisor/ Scholars Details:

| Sl No. | Dept. | Name of the Research Supervisor | Name of the Research Scholar | USN | Date of Registration | Full Time/ Part Time | Research Topic/Title | Mob. No. | E-mail ID | Status of the Research Work | Remarks |
|--------|-------|---------------------------------|------------------------------|------------|----------------------|----------------------|---|------------|-----------------------------|-----------------------------|---------|
| 1 | E&E | Dr. K.S. Aprameya | Smt. Padmaja Devi | 4UB13PEN07 | 2013 | Part time | Verification and Recognition of handwritten signatures | 9164539950 | padmaja@gmail.com | Awarded 2019 | Nil |
| 2 | | | Smt. V. Geetha | 4UB15PEJ02 | 2015 | | Identification of dental caries using image processing techniques | 9480226255 | geethav@gmail.com | Awarded 2020 | Nil |
| 3 | | | Sri. R.D. Sathyanarayana | 4UB13PEN01 | 2013 | | A Study & investigations on recent trends of on line condition monitoring 3 phase squirrel cage induction motor drive | 7019056951 | rdsathyana rayana@gmail.com | Waiting for external viva | Nil |
| 4 | | | Veeresh H | 5VX13PEN06 | 2013–2014 | | Design and development of advanced switching technique for DC–DC converter to electrical Vehicle (EV) applications | 9844795560 | -- | Awarded 2020 | Nil |
| 5 | | | Manjunath T.G | 5VX13PEJ01 | 2013–2014 | | Robust fault diagnosis of cascaded inverter using optimized artificial neural network for renewable energy applications | 9342204330 | -- | Awarded 2019 | Nil |

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|----|-----|-------------------|----------------|------------|-----------|-----------|--|------------|--|---------------------------|-----|
| 6 | E&E | Dr. Ashok Kusagur | Aravindkumar G | 5VX13PEN11 | 2013–2014 | Part time | An hybrid approach for classification and restoring of image noise using artificial neural network (ANN) and wavelet techniques | 8095139694 | -- | Awarded 2021 | Nil |
| 7 | | | Rajashekar S | 4UB15PEJ03 | 2014–2015 | | Development of Artificial Intelligence Based Embedded System for Milk Quality Analysis | 7019630600 | -- | Awarded 2019 | Nil |
| 8 | | | Basavaraj G M | 4UB15PEJ09 | 2014–2015 | | Development of Crows Abnormality Behavior Detection in Detection in Video Sequence using Computer Vision Techniques Machine Learning and | 8904479803 | -- | Awarded 2019 | Nil |
| 9 | | | Faalulla Khan | 4UB15PEJ04 | 2014–2015 | | Efficient algorithms for eye disease detection using Artificial Neural Networks | 9448035993 | -- | Awarded 2020 | Nil |
| 10 | | | Preetha S | 4UB15PEJ06 | 2014–2015 | | An optimization of Industrial Energy Management System by using Animal/Bird | 9686415195 | ps.preetha@gmail.com | Open seminar –2 Completed | Nil |

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|----|-----|-------------------------|-------------------------|------------|------|-----------|--|------------|-------------------------|--------------|-----|
| | | | | | | | Behavior Approach | | | | |
| 11 | E&E | Dr. Basavaraja Banakara | Sateesh Kumar | 10022P0238 | 2010 | Part time | Modeling and Analysis of different types Insulators | 9490111297 | Sat98247in@yahoo.co.in | Awarded 2020 | Nil |
| 12 | | | Sri. Rajendar | 0803P40721 | 2008 | | Stability power flow models of VSC Based FACTS Controllers | 984957062 | Rajendra_gogu@yahoo.com | Awarded 2020 | Nil |
| 13 | | | Sri. Sharan Reddy | 0909H0722 | 2009 | | Simulation and Experimental Analysis of Effects of PWM ASD's on AC Motor bearings | 9980121044 | Shg_bec@yahoo.co.in | Awarded 2020 | Nil |
| 14 | | | Sri. M. Sharanya | 1103PH0746 | 2011 | | Power Quality Improvement using custom Power Devices | 9849248291 | Sharanya2702@gmail.com | Awarded 2020 | Nil |
| 15 | | | P. Marimuthu | 0803PH0723 | 2008 | | Improvement of Dynamic Performance of MultiArea Based Hydrothermal System Under Deregulated Environment | 9043872893 | Spm.muthu78@gmail.com | Awarded 2017 | Nil |
| 16 | | | K.B. Siddesh | 4UB16PEJ02 | 2015 | | Minimization Of Chattering In Sliding Mode Controlled Dc-Dc Buck Converter Using A Novel Reaching Law Approach | 9741559695 | Kondapur.b@gmail.com | Awarded 2021 | Nil |
| 17 | | | Sri. P. Vasaudeva Naidu | Y12EEER034 | 2011 | | A Novel approach to mitigation of Power quality problems in multibusbar multifeeder | 9440141343 | pvdnaidu@gitam.in | Awarded | Nil |

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|----|--|--|-----------------------------|------------|------|---|-------------|---------------------------------|--------------|-----|
| | | | | | | system by using MC–UPQC | | | 2017 | |
| 18 | | | B Jagadeesh Kumar | 0803PH0722 | 2008 | Design, Modeling and Analysis of Digitally Controlled Switch mode Power Converters. | 9440514324 | bjk.eee@kitsw.ac.in | Awarded 2020 | Nil |
| 19 | | | J. Ravikumar | Y12EEER002 | 2011 | System Optimizations of VSD using Coupled Simulation. | 71567913453 | rkanna2006@gmail.com | Awarded 2019 | Nil |
| 20 | | | G.G. Rajashekhar | Y12EEER003 | 2011 | Analysis of PV Cell integrated non–isolated and isolated DC–DC converter fed BLDC Drive with closed loop speed control. | 9704082285 | rsgg73@gmail.com | Awarded 2021 | Nil |
| 21 | | | M. Manigandan | Y12EEER004 | 2011 | Intelligent control of Microgrid using wireless technology (Zigbee 2.4 GHz) | 9032442772 | manimatlab@gmail.com | Awarded 2021 | Nil |
| 22 | | | Mohammed Abdul Rahman Uzair | -- | 2013 | Power transformer failure analysis. | 8686557678 | As_uzair2003@yahoo.co.in | Awarded 2022 | Nil |
| 23 | | | K Sathish Kumar | -- | 2009 | A PSO based approach for evaluation and enhancement of total transfer capability using FACTS Devices. | 9515169053 | Satish.swec@gmail.com | -- | Nil |
| 24 | | | K . Rama Krishna | -- | 2009 | Modern Heuristic Techniques in Electrical Distribution Systems. | 9154360360 | Ramkrishna.kothuri@bvr.it.ac.in | -- | Nil |
| 25 | | | J Hema Latha | Y12EEER005 | 2011 | Multilevel Inverters. | 9493488596 | hemajavvaji@gmail.com | -- | Nil |
| 26 | | | Monohar | 4UB16PEJ01 | 2015 | Hybrid Solar, Wind and Wave Generator for | 7019875783 | Manumoni62 | | Nil |

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|--|--|--|--|--|--|--|--|--|-------------|--|--|
| | | | | | | | Distribution Generation to Grid Connection with ANFIS controller | | 9@gmail.com | | |
|--|--|--|--|--|--|--|--|--|-------------|--|--|

2. Research Supervisor Details:

| Sl. No. | Department | Name of the Research Supervisor | Area of Research | No. of the Students Registered | No. of Students Awarded | Remarks |
|---------|--|---------------------------------|--|--------------------------------|-------------------------|---------|
| 01 | Electrical and Electronics Engineering | Dr. H.N. Ashoka | Pattern recognition Artificial Intelligence | -- | -- | NIL |
| 02 | | Dr. H.C. Mouneswarachar | High Voltage Engineering (Outdoor Insulators) | -- | -- | NIL |
| 03 | | Dr. K.S. Aprameya | Instrumentation systems, power electronics and its application | 03 | 03 | NIL |
| 04 | | Dr. Basavaraja Banakara | Power Electronics & Drives, Insulation Coordination and Power Quality Issues | 16 | 12 | NIL |
| 05 | | Dr. Ashok Kusagur | Power Electronics, Artificial intelligence, | 07 | 06 | NIL |