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| |  |  | | --- | --- | | **KOMMURU SUDHARSHAN**  M.Tech. Electric Drives and Power Electronics  PG(II Year II Semester)  Contact No: 7248187811  Email: kschowdary38@gmail.com  Registration No: M.Tech./EDPE/15527008/2017 |  | |  |

CAREER OBJECTIVE

To utilize my teaching skills towards a challenging career in growth oriented and leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

EDUCATIONAL QUALIFICATIONS

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| **Year** | **Degree/Examination** | **Institution/Board** | **CGPA/Percentage** |
| 2017 | M.Tech | Indian Institute of Technolgy,Roorkee | 7.0(75%) |
| 2014 | Electrical Engineering | N.B.K.R Institute Of Technology | 81.0% |
| 2010 | Twelfth | Narayana Junior College, Kurnool | 92.1% |
| 2008 | TENTH | G.S.N.R VIDYA NIKETHAN | 83.16% |

PROJECT PROFILE

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| Project Name | **COMPARITIVE STUDY OF INDUCTION MOTOR OPERATED IN VECTOR CONTROL MODE AND DIRECT TORQUE CONTROLMODE** | IIT ROORKEE. | | | |
| Project Description | * Performance analysis of induction motor operated in vector control mode and direct torque control mode is to be done in detail. * Therefore a comparative study of both the techniques is to be carried out. | | | |
| Duration | From (mm/dd/yy) | JULY 15,2016 | To (mm/dd/yy) | JUNE 5,2017 |

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| Project Name | MITIGATION OF VOLTAGE SWELL AND VOLTAGE SAG PROBLEMS USING DSTATCOM AND DVR. | VIKRAMA SIMHAPURI | | | |
| Project Description | * Voltage dips and swells are most occurring power quality problems. * Voltage dips and swells are most occurring power quality problems. * Utility distribution networks,sensitive industrial loads,and critical commercial operations all suffer from various types of outages and service interruptions * These problems are mitigated by DYNAMIC VOLTAGE RESTORER AND DISTRIBUTION STATIC COMPENSATOR. | | | |
| Duration | From (mm/dd/yy) | JAN 5,2014 | To (mm/dd/yy) | MAY 25,2014 |

AREAS OF INTEREST

* Power electronics
* Induction machines
* Synchronous machines

ACHEIVEMENTS

* Got all India 429 rank in GATE-2015.
* Won award for paper presentation on TAPPING OF ALGAE CELL FOR GENERATION OF ELECTRICITY” held at SRI VENKATESHVARA PERUMAL COLLEGE, Puttur.
* Attended ISTE workshop on MATLAB APPLICATIONS TO POWER SYSTEMS organized by Srinivasa Ramanujan Institute of Technology, Ananthapuramu

SKILLS

Computer languages : Basics of C

Software Packages : Matlab, Simulink

Additional Courses Taken : 1)FACTS devices

2)Power Quality improvement techniques

Languages Known : English (SRW) ,

Hindi (SRW) , Telugu (SRW)

* Did Teaching assistance for IIT B.tech students.

REFERENCES

**Dr.Sumit Ghatak Choudhuri Dr.S.P.Srivastava**

Head Of Department. Assistant professor.

IIT ROORKEE IIT ROORKEE

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Declaration :

I hereby declare that the particulars furnished above are true, correct and complete to the best of my knowledge and belief, and I bear the responsibility for the correctness of the above mentioned particulars.

**Place** :

**Date** : **(Sudarshan Kommuru.)**