


Name: Mrs. THANUJA P														
Qualification : <ul style="list-style-type: none"> M. Tech (Control Systems) , JNTUH 														
Experience : <ul style="list-style-type: none"> Worked as Assistant Professor at Ramappa Engineering College, HanamKonda from June 2011- June 2012. Presently working as Assistant Professor at Vaagdevi College of Engineering, Bollikuta, Warangal from July 2012 to till date. 														
Area of Interest: Load Frequency Control of Power System, Adaptive controllers.														
Subjects Taught: Control Systems, Advanced Control Systems , Digital Control Systems, Electrical Circuits, Electrical Technology, Principles of Electrical Engineering, Electrical Measurements, Linear System Analysis, Power System Operation and Control, High Voltage Engineering.														
Research Publications: <ol style="list-style-type: none"> P. Thanuja, B. Swetha, “Simulation and control scheme form stand-alone widn energy conversion systems”, International Journal of renewable energy trans. Power egg., 18, pp.327-343, 2015. P. Thanuja and K. Anjali, “A two stage single phase grid connected PV system in high performance of constant power generation”, International Journal of innovative engineering and management research, 7(7),2018. 														
Projects guided: UG projects														
<table border="1"> <thead> <tr> <th>Title</th> <th>Student Name</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="172 1223 654 1451">Active and Reactive power control during unbalanced grid voltage in PV systems</td> <td data-bbox="654 1223 1185 1451">E.Sneha(15645A0220) K.Venkanna(14641A02B9) G.Srikanth(14641A02E6) R. Tharun(14641A02F9) B.Pradeep(14641A02D9)</td> <td data-bbox="1185 1223 1404 1451">2017-18</td> </tr> <tr> <td data-bbox="172 1451 654 1637">An observer-based optimal voltage control scheme for 3 phase UPS systems</td> <td data-bbox="654 1451 1185 1637">A. Mounika (12UK1A0283) L. Jayashanker (12UK1A0266) A. Ranjith (12uk1A0285) E. ShravanKumar (12UK1A0293) R. SaiPrakash (11UK1A0238)</td> <td data-bbox="1185 1451 1404 1637">2015-16</td> </tr> <tr> <td data-bbox="172 1637 654 1865">Real Time clock based load dispatch unit with Device ON/OFF</td> <td data-bbox="654 1637 1185 1865">S. Pradeep Kumar (12641A02C8) V. Chaithanya (12641A02D2) T. Vevekananda Acharya (12641A02F6) A. Karthik Kumar (12641A02F9) A. Shiva Krishna (12641A02G7)</td> <td data-bbox="1185 1637 1404 1865">2015-16</td> </tr> </tbody> </table>	Title	Student Name	Year	Active and Reactive power control during unbalanced grid voltage in PV systems	E.Sneha(15645A0220) K.Venkanna(14641A02B9) G.Srikanth(14641A02E6) R. Tharun(14641A02F9) B.Pradeep(14641A02D9)	2017-18	An observer-based optimal voltage control scheme for 3 phase UPS systems	A. Mounika (12UK1A0283) L. Jayashanker (12UK1A0266) A. Ranjith (12uk1A0285) E. ShravanKumar (12UK1A0293) R. SaiPrakash (11UK1A0238)	2015-16	Real Time clock based load dispatch unit with Device ON/OFF	S. Pradeep Kumar (12641A02C8) V. Chaithanya (12641A02D2) T. Vevekananda Acharya (12641A02F6) A. Karthik Kumar (12641A02F9) A. Shiva Krishna (12641A02G7)	2015-16		
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A Comparative study of series and cascaded Z-source matrix Converter	J. Sameena (11641A0284) P. Vinod kumar (11641A0282) P. Phanindra (11641A02A2) Ch. Karunakar (11641A02B9)	2014-15
Improving the power Quality performance for distributed power generation	P. Narendar (10641A0238) M. Praneeth (10641A0251) M. Abhilash (10641A0203) K. Srikanth (11645A0212) M. Chandrakanth (07641A0272)	2013-14
Simulation of a Zero-Voltage switching and Zero Current-switching interleaved Boost and Buck converter	S. Srikanth (10UK1A0278) T. Sandeep (10UK1A02A5) B. Karthik (11UK5A0217) J. Rajesh (11UK5A0215) G. Devisingh (11UK1A0215)	2013-14
A Novel Three-phase to Five phase Transformation using a special Transformer connection	A. Mahesh Babu (09UK1A0208) B. Sravanthi (09UK1A0207) K. Prasad (09UK1A0229) Ch. Sushma (09UK1A0227) N. Saritha (08UK1A0216)	2012-13

PG projects

Title	Student Name	Year
High performance constant power generation in grid connected PV systems	K. Anjali (1564164312)	2016-17
Simulation of control scheme for a standalone wind energy conversion system	B. Swetha (13641D4314)	2014-15
A Carrier based neutral voltage modulation strategy for multilevel inverter under unbalanced DC Sources	K. Swathi (13646D4333)	2014-15
A Single-stage power conversion for renewable energy application	Ch. Sampath (12641D5316)	2013-14
Five Level Inverter for Renewable Power generation system	M. Venu (12646D4305)	2013-14

Workshops/Seminars/FDP's Attended:

1. Attended 12 day workshop on "Artificial Intelligence(AI) applications in electrical engineering" at NITW from 29th June-11th July 2009.
2. Attended 2 day workshop "TEAPS-2011" at Ramappa Engineering College, Hnamkonda from 29th June-30th June 2011.
3. Attended two day workshop on " Power quality improvement in distributed generation" at CJITS, Jangaon, Warangal during 9th September-10th September 2011.