

**PROJECT LIST FOR THE ACADEMIC YEAR 2015-2016 BATCH (A SECTION)**

<b>Batch No.</b>	<b>Name</b>	<b>Title of the project</b>	<b>Inhouse/ Industry</b>
1	T.A.Anandhi	Automatic Voltage Control Using On Load Tap Changing	Inhouse
	K.R.Kamachi		
	P.V.Manchu Bhushini		
2	M.Chitra	Smart Metering System	Inhouse
	A.Jayasree		
	E.B.Hemalatha		
3	D.Jayasree	Microcontroller Based Substation Monitoring And Control System With Gsm Modem	Inhouse
	D.Neethupriya		
	I.Sai Charitha		
4	T.Eshika	Galvanic Coupling Transmission In Intrabody Communication: A Finite Element Approach	Inhouse
	P.Deepika		
	R.Dilshath		
5	D.Divya	A Lowcost And Non Invasive System For The Measurement And Detection Of Faulty Street Lights	Inhouse
	A.Bhavyasree		
	S.Kalaiselvi		
6	D.Aravindan	Optimal Utilization Of Distributed Network For Energy Harvest	Inhouse
	S.R.Arun Kanna		
	S.Arokia Vivin Joe		
7	G.Gnana Prakash	A Method To Use Pv Solar Form As Statcom For Increasing Grid Power Transmission Limits During Day And Night	Inhouse
	K.Manoj		
	G.Karthick		
8	G.Ashok	A Single Stage Led Driver Based On Bcm Boost Circuit And Llc Converter For The Street Lightning System	Inhouse
	K.Chandrasekhar		
	D.Sriharsha		
9	B.V.Premkumar	Ultrasonic Blind Walking Stick	Inhouse
	G.Sivakrishna		
	V.L.Damodaram		
10	A.Naveen Srinivasalu	Wireless Power Charching Using Micro Wave	Inhouse
	T.Chandru		
11	K.Ajaykumar	A Zigbee Based Control Mechanism For Standby Power Reduction	Inhouse
	A.Jegankumar		
	G.Gokul		
12	B.Gokul	Integrated Dynamic Voltage Restorer Using Varicap Diode Equipped Converter And Inverter With Ucap	Inhouse
	R.Dinesh		
	J.L.Akkash Ganga		
13	S.Gowtham	High Step Up Dc To Dc Converter Using Voltage Multilevel Inverter	Inhouse
	P.Karthik		
	H.Sudamani		
14	N.Hari Govind	Solar Power Generation System With	Inhouse

	S.Hari Haran Z.Ibrahim	Seven Level Inverter	
15	K.Gopinath R.Gokul M.Jai Sai	Smart Meter Part Of A Sensor Network For Monitoring Using Pllc Method	Inhouse
16	T.V.Jishnu Gireesh S.E.Hari Prasath J.Hari	Power Generation Using Gravity And Kinetic Energy	Inhouse
17	S.Gokulakrishnan T.Deepan Annapa Reddy Sunnel	Density Waste Traffic Signaling System	Inhouse
18	Are Sudeep Chandra Gokul Raj	Wireless Power Theft Monitoring With Automatic Circuit Breaker	Inhouse
19	T.L.Leela Krishnan K.Kishore G.Kishore Kumar	A High Efficiency Mosfet Transformerless Inverter For Non-Isolated Microinverter Application	Inhouse
20	P.Lokesh G.Balasubramanian V.B.Badrinath	Transformerless Hybrid Power Filter Based On A Six Switch Two Leg Inverter For Improved Harmonic Compensation Performance	Inhouse

**PROJECT LIST FOR THE ACADEMIC YEAR 2015-2016 BATCH (B SECTION)**

<b>Batch No.</b>	<b>Name</b>	<b>Title of the project</b>	<b>In House/ Industry</b>
1	P. Praveena	Two stage solar Photovoltaic-Based stand alone scheme having battery as Energy storage element for rural development	Inhouse
	D. Vaidheeswari		
	R. Sruthipriyanka		
2	M. Monisha	Resonant switched-capacitor cell Based DC/DC converter for OFF-shore wind energy systems	Inhouse
	M. Keerthi		
	R. Pavithra		
3	V. Bala Ajay Teja	Proportional Integral compensator design of duty cycle controlled Buck LED driver	Industry
	P. Sumanth		
	M. Vignesh kumar		
4	M. Nithya	Internet of things (IOT) Based Human control system	Inhouse
	B. Preethi		
	S. Subhasri		
5	M. Vijaykhanna	A Multi-Band stacked RF Energy Harvester with RF-to-DC Efficiency up to 84%	Inhouse
	R. Mohammed Farooq		
	T. Rajasimman		
6	A. Rajesh Prashanth	A Novel design and characterization of Pyrano meter for precision solar radiation measurements	Inhouse
	A. Sreedhar Reddy		
	V. Rajesh		
7	B. Rakesh	A Phase shifted PWM D-STATCOM using a modular Multi level cascade converter (SSBC)-Part I: Modelling, Analysis, and design of current control.	Inhouse
	T. Rajesh		
	T. Sai Praneeth		

8	S. Srimathi	New control of PV solar farm as STATCOM for increasing Grid power transmission limits during night day	Inhouse
	G. Nevetha		
	K. Poovarasi		
9	G.V. Poomozhi	Electrical power theft detection using PLC	Inhouse
10	T. Vijaykumar	High-Efficiency solar tracker development and effectiveness estimation	Inhouse
	K. Thulasiraman		
11	C. Sneha	New control of PV solar form as STATCOM (PV-STATCOM) for increasing grid power transmission limits during Night and Day	Inhouse
	B. Meenakshi		
	S. Revathi		
12	S. Prathipa	A Zigbee based reliable and efficient power metering system for energy management and controlling	Inhouse
	B.Yashavini		
	C.M. Saradhamathi		
13	M.G. Praveen	Hybrid piezoelectric-solar based power generation system	Inhouse
	G. Raghulkapoor		
	A. Thiyagarajan		
14	N. Kamaleswara Rao	Energy Generation using Badini motor	Inhouse
	M. Suneel Kumar		
	G. Sandeep		
15	J. Prasanna Ayappa	A Bidirectional LC resonant converter with automatic forward and backward mode transition	Inhouse
	B. Sarathkumar		
	V. Rahul		
16	Y. Mounika	Integrated photovoltaic and dynamic voltage restorer system configuration	Inhouse
17	I. Udith Emmimal		
	M. Sasisree		
18	S. Umesh	3 port DC-DC converters	Inhouse

	K. Sandeep	stand alone PV cell	
	V. Paul Deepak		
19	P.S.Mohamed Nasar	Design and implementation of multilevel inverter	Inhouse
	R.Raja prabhu		
	S.Vijay		
20	S.Vishal	Design and implementation of an 11-level inverter with FACTS capability for distributed energy system	Inhouse
	S.Tinesh prabhu		
	Ravi Gnanavelu		
21	G.Vasudevan	Power Quality issues in Railway Electrification	Inhouse
	D.Prabhu		
	Suriya raj		
22	P.D.Vignesh Kumar	Non isolated multi input multi output DC-DC Boost converter in Electric vehicle applications	Inhouse
	A.Shanthi Swaroop		
	V.Jagadeesh Babu		
23	P. Abishek Nihanth	Improved Active power filter performance for renewable power generated systems	Inhouse
	P.Sakthivel		