

**2014-15**



# NRI INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi : : Affiliated to JNTUK, Kakinada)

(An ISO 9001 : 2008 Certified Institution)

Pothavarappadu(V),  
(Via) Nunna, Agiripalli Mandal,  
Krishna District, A.P., INDIA  
Pin : 521 212

Cell : + 9390 686868  
Ph : 08656 – 324999, 0866 – 2469666  
email : nrhitech@rediffmail.com  
URL : [www.nrigroupofcolleges.com](http://www.nrigroupofcolleges.com)

## STUDENTS ACEDMIC PROJECTS - GUIDE ALLOTMENT

**PROGRAMME : B.Tech**

**SEMESTER : II**

**Year: 2014-15**

**Class: IV**

Batch No.	Name of Students Involved	Project Title proposed by Students	Area of Project work	Internal Guide Name
1	V SSHA SAMEER KUMAR S	ENHANCEMENT OF POWER QUALITY USING PV MODULE WITH SVPTWM TECHNIQUE AND POWER FACTOR CORRECTION	POWER SYSTEMS	Mr. K. VENKATA KISHORE
	SAI SINDHURA BASAVARAJU			
	MAHESH PANASA			
	SIRISHA LINGAVARAPU			
	CHARAN TEJA MUTHE			
	AMULYA JYOTHI KOLAVENNU			
2	LAVANYA TANUKU	AUTOMATIC CONTROLLING AND REMOTE ACCESSING OF IRRIGATION MOTOR	RENEWABLE ENERGY SOURCES	Dr. N. SAMBASIVA RAO
	THIRUPATHI RAO YASAM			
	MAHESH PALETI			
	SHYAM PRUDHVI IRAVA			
	MADHUSUDHAN RAO BEZAWADA			
3	RACHANA SRUNGAVARAPU	INTELLIGENT SOLAR STREET LIGHT SYSTEM	RENEWABLE ENERGY SOURCES	Mrs. G. TABITA
	MANASA KATARI			
	RANGA RAO THONDAMALLA			
	CHANDRA SAIRAM KARIMIREDDY			
	ASHOK LINGALA			
	M. CHARAN TEJA			
4	SUNEETHA PATIBANDLA	SOLAR POWERED SMART IRRIGATION SYSTEM	RENEWABLE ENERGY SOURCES	Dr. N. SAMBASIVA RAO
	VAMSI KRISHNA SAI P			
	SINDHU YARRAMREDDY			
	NANDA KISHORE CHITTELU			

	RAJARAO PETETI			
	AVINASH KUMAR PAGOLU			
5	NAVEENA GADE	IMPROVEMENT OF AVAILABLETRANSFER CAPABILITYIN A DEREGULATED POWER SYSTEM USING SERIES FACTS DEVICE TCSC	POWER SYSTEMS	Dr. N. SAMBASIVA RAO
	HARIHARA LAKSHMAN SAI Y			
	SINDHU TIYYAGURU			
	VEERA VENKATA PRASANTH B			
	DURGA VENKATA SURENDRA B			
6	BALA SWAMY GOLI	ECO FRIENDLY SOLAR POWERED ELECTRIC FENCE	RENEWABLE ENERGY SOURCES	Mr. I. PRASANNA KUMAR
	SATISH KUMAR KOLANTI			
	DURGA PRASAD MULIKI			
	SRAVANI KANTIPUDI			
	AVINASH PALLEPOGU			
7	RUPENDRA KUMAR T	POWER THEFT ANALYZER	POWER SYSTEMS	Mrs. G. RAVI KUMAR
	MURALIKRISHNA NUNNA			
	SAI LAKSHMI SINDHU TATA			
	ANNA MANI DONDAPATI			
	NAVEEN KORIVI			
	MOHANA V RAJESH SIRAMDASU			
8	NARESH RACHABANTI	SOLAR SUN TRACKING SYSTEM FOR LCD DISPLAY AND STREET LIGHTENING	RENEWABLE ENERGY SOURCES	Mr. R. RAGHUNADHA SASTRY
	SREEKAR GOLLA			
	NAVEEN KUMAR TATIPARTHI			
	IKRAM MOHAMMAD			
	PRABHU KISHORE MUTLURI			
	VAMSI KRISHNA DEVINENI			
9	SUSMITHA NAGA NANDINI S	TRANSMISSION LINE FAULT DETECTION AND INDICATION USING MICROCONTROLLER THROUGH GSM	POWER SYSTEMS	Mr. R. RAGHUNADHA SASTRY
	LEELA PULLA RAO KOMATIGUNTA			
	SAI KRISHNA TURLAPATI			
	VAMSI SRINIVAS BURRI			
	HABEEBULLA SHAIK			
	ANITHA THALAKONDA			
10	MOUNIKA YELICHALA	SPEED CONTROL OF BLDC MOTOR	SPECIAL	Mr. K. VENKATA KISHORE

	VEERA VENKATA SIRISHA G	FED BY PV MODULE USING SVPWM TECHNIQUE WITH SOLAR TRACKING	ELECTRICAL MACHINES	
	SIVA RAMA KRISHNA RAMINENI			
	SUMAN YADAV JIDDI			
	YASWANTH CHOWDARY K			
11	DIVYA CHANDANALA	AN INTERACTIVE VOICE RESPONSE SYSTEM BASED ROUTE MAP	CONTROL SYSTEMS	Mr. G. RAVI KUMAR
	NAGESWARA RAO POLISETTI			
	HAJIBABA SHAIK			
	KISHORE KIDALI			
	HARISH PALLAGANI			
12	KUSUMA KUMARI GUGGILAPU	DYNAMIC MODELLING AND CONTROL OF INTERLEAVED FLYBACK MODULE INTEGRATED CONVERTER FOR PV APPLICATIONS	POWER ELECTRONICS	Mrs. S. BHAVANI
	KOTESWARA RAO DOKKU			
	RAVITEJA MALLADI			
	VIKRAM KUMAR DWARAM			
	PHANINDRA KUMAR BHAVIRI			

**Project Co-ordinator**

**Head of the Department**








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**2015-16**



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**SEMESTER : II**

**Year: 2015-16**

**Class: IV**

Batch No.	Name of Students Involved	Project Title proposed by Students	Area of Project work	Internal Guide Name
1	NAGA DURGA VEERA SAI ESWAR K	CONGESTION MANAGEMENT USING FACTS DEVICES IN POWER SYSTEM	POWER SYSTEMS	Dr. N. SAMBASIVARAO
	SURENDRA MANCHIKALAPUDI			
	VAMSI KRISHNA GOWRAVARAM			
	VENKATESH GARIKAPATI			
	GANESH KOTHA			
	ASHOK KUMAR DONELA			
2	SAITEJA PALLAPOTHU	SOLAR-POWERED AUTOMATIC SOIL MOISTURE CONTROL IRRIGATION SYSTEM	RENEWABLE ENERGY SOURCES	Mr. R. RAGHUNADHA SASTRY
	CHANDRA SAI PRANEETH			
	SURYA PRAKASH PULLETIKURTHI			
	SRAVANI BEHARA			
	BINDU MAGANTI			
	BHARATH KUMAR NETTEM			
3	UDAY KUMAR KONDAVEETI	AUTOMATIC POWER FACTOR CORRECTION USING CAPACITIVE BANK	POWER SYSTEMS	Mr. K. VENKATA KISHORE
	PRIYANKA MADADI			
	JYOTHI ALURI			
	IRSHAD SHAIK			
	VINEELSRISAI BOLISETTY			
	RAVI VARMA ESY			
4	SRIRACHANA NANDAMURI	PREPAID ENERGY METER	ELECTRICAL MEASUREMENTS	Mrs. S. BHAVANI
	PAVANKUMAR KAKARAPALLI			
	SAI RUSHI PEDASANAGANTI			

	ANIL KUMAR DASARI			
	SAI RAM MUTYALA			
	MANI KUMAR RAYAPUDI			
5	VENKATESWARA RAO PERICHARLA	POWER THEFT ANALYZER	POWER SYSTEMS	Mr. I. PRASANNA KUMAR
	HARI CHAND AVANIGADDA			
	SASANK SAMUDRALA			
	SAI RAMA KRISHNA GADDAM			
	TEJESWAR AMINIGADDA			
6	NAVYA SRI KAKARLA	SUBSTATION MONITORING FOR MAINTAINING A DATA LOG OF VOLTAGE ,FREQUENCY ,TEMPERATURE,POWER	POWER SYSTEMS	Mr. B. EEDUKONDALU
	LAKSHMI DURGA SAISREE S			
	PAIDIPATI VEERANJANEYULU			
	NANDAKISHORE SANGAMREDDY			
	SPANDANA YEZZU			
	VENKATA NAGA SAI ANUMPALLI			
7	GOWTHAMI MUGALAGONU	ENHANCEMENT OF AVAILABLE TRANSFER CAPABILITY IN DEREGULATED POWER SYSTEM USING SERIES FACTS DEVICE SVC	POWER SYSTEMS	Dr. N. SAMBASIVA RAO
	VENKATA DINESH KUMAR POLLA			
	NAGA APARNA PAIDIKONDALA			
	NAGA JEEVITESH BABU POLIMETLA			
	T N V SATYA MANIKANTA GARIKAPATI			
	S G V P M AKASH MAGHAM			
	SAI KIREETI MYNAMPATI			
8	ADINARAYANA ATDMAKURU	PV/WGT HYBRID ELECTRIC POWER SYSTEM WORKING PROTOTYPE	RENEWABLE ENERGY SYSTEMS	Mr. R. RAGHUNADHA SASTRY
	MEENA KUMARI BONELA			
	NAVEEN BABU KOLLIPARA			
	JAI HARIPRAKASH BUSI			
	HARI CHARAN MUTTE			
9	KUSA KUMAR BOGGARAPU	LINE FAULT ANALYZER	POWER SYSTEMS	Mr. K. VENKATA KISHORE
	JASWANTHI DEVI JADAM			
	RAMU KOLAVENTI			
	ANUSHA POLLISETI			

	NAZEEMA SHAIK			
	RAM BABU CHINTAGUNTA			
10	MANASA RAVELLA	GRID POWER QUALITY IMPROVEMENT AND BATTERY STORAGE IN WIND ENERGY SYSTEM	RENEWABLE ENERGY SOURCES	Mrs. S. BHAVANI
	NIKHITHA BOYIDAPU			
	DILEEP KUMAR MALLAMPALLI			
	SIVA SAI SANDEEP BHAMIDIPATI			
	VENKATA SUDHEER KUMAR P			
	MAHESH ALLAM			
11	NAZIA SHAIK	FIVE LEVEL INVERTER	POWER ELECTRONICS	Mr. I. PRASANNA KUMAR
	MUNNI SHAIK			
	RAGHU BABU ANNAVARAPU			
	RAMBABU MERAKA			
	SANDEEP RACHAKONDA			
	PRADEEP KATIVARAPU			
12	JABILLI TADIKONDA	AUTOMATIC RAILWAY GATE CONTROL SYSTEM USING MICRO CONTROLLER	CONTROL SYSTEMS	Mr. B. EEDUKONDALU
	REVATHI SINGAMSETTY			
	GOPICHAND CHIKKAVARAPU			
	SANTHIVARDHAN0020YALAMARTHI			
	YASHWANTH KUMAR POTNURI			
	B YUGANDHAR BABU			

**Project Co-ordinator**

**Head of the Department**











**2016-17**



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1	M. HARIKA	CONGESTION MANAGEMENT USING FACTS DEVICES IN DEREGULATED POWER SYSTEM	POWER SYSTEMS	Dr. N. SAMBASIVARAO
	P. RAJASEKHAR			
	K. DURGA TARUN			
	S. NAVVENDRA			
	P. SIVA NAGA RAJU			
2	P. KRISHNA VAMSI	MITIGATION OF POWER QUALITY PROBLEM DURING STARTING OF A THREE PHASE INDUCTION MOTOR	ELECTRICAL MACHINES	Mr. R. RAGHUNADHA SASTRY
	SK. BAJI BABA			
	B. TILAK SIVA KUMAR YADAV			
	K. SYAMALA			
	G. MOUNIKA			
3	V. JAGADEESH	PERFORMANCE OF THREE PHASE 11 LEVEL INVERTER WITH REDUCED NUMBER OF SWITCHES USING DIFFERENT PWM TECHNIQUES	POWER ELECTRONICS	Mr. K. VENKATA KISHORE
	G. SIVA SAI			
	K. SUGUN STUBBS			
	N. MANIKANTA			
	K. KUSHAL MANIKANTA			
4	N. LALITHA RANI	CONTROL SCHEME TO IMPROVE DPFC PERFORMANCE DURING SERIES CONVERTER FAILURES	POWER SYSTEMS	Mr. I. PRASANNA KUMAR
	M. LIKHIT BHARADWAJ			
	G. VIJAYA			
	P. SYAM KUMAR			
5	M. SAI KRISHNA	GRID CONNECTED PV WIND BATTERY BASED MULTI INPUT	POWER ELECTRONICS	Mr. B. EEDUKONDALU
	K. SAINADH			

	T. SAI A. VENKATESWARA RAO CH. MARUTHI RAM	TRANSFORMER COUPLED BIDIRECTIONAL DC-DC CONVERTER FOR HOUSEHOLD APPLICATION		
6	N. TEJA V. SATISH B. RATNA TEJA SK. APSAR N. SREERAM	EXPERIMENTAL INVESTIGATION OF HYBRID SERIES ACTIVE POWER COMPENSATOR TO IMPROVE POWER QUALITY OF TYPICAL HOUSE HOLDS	POWER SYSTEMS	Mrs. CH. SABITHA
7	M. SIVA RAMA KRISHNA B. SESHU KUMARI G. MAHENDRA REDDY P. GOPI BABU CH. PRABHAT KUMAR	THE SYNCHRONIZATION OF A VSC HVDC LINK TO AC GRID	HVDC TRANSMISSION	Ms. M. A. SALMA
8	M. DURGA PRASAD D. PAVAN UDAY BHASKAR U. SAI SATISH KUMAR M. RAKESH L. YUVATEJ	IMPLEMENTATION OF NON-LINEAR CONTROLLER FOR PERMANENT MAGNET LINEAR SYNCHRONOUS MOTOR	ELECTRICAL MACHINES	Ms.M. PADMA
9	B. SRIKANTH NAYAK K. SIVA REDDY M. AVULAI AH P. HEMANTH KUMAR T. GOVINDRAJ	MATLAB/SIMULATION MODEL OF PV ARRAY USING IC MPTT WITH CUK CONVERTER	POWER ELECTRONICS	Ms. S. RAMYAKA
10	G. RAGHUMA CHOWDARY R. KRANTHI KUMAR B. RAJA MOHAN REDDY P. SELVAM BHARATH V. MOHAN CHAND	HIGH VOLTAGE GAIN BOOST CONVERTER BATTERY CHARGER APPLIED TO PV SYSTEM	RENEWABLE ENERGY SOURCES	Ms. Y. LALITHA KAMESHWARI
11	M. ANJANEYA SARMA P. JEEVAN BABU T. MANOJ KUMAR	ENHANCEMENT OF AVAILABLE TRANSFER CAPABILITY IN DEREGULATED POWER SYSTEM USING SERIES FACTS DEVICE	POWER SYSTEMS	Dr. N. SAMBASIVA RAO

	D. MALLIKHARJUNA RAO			
	K. HARSHA VARDHAN			
12	D. VENKATESWARA RAO	HYBRID PV SYSTEMS	RENEWABLE ENERGY SOURCES	Mr. R. RAGHUNADHA SASTRY
	V. SAMPATH KUMAR YADAV			
	T. KRISHNA CHANDRA			
	T. B. S. LITHEESH KUMAR			
	N. SATYA RAO			
13	K. ANIL KUMAR	PIR BASED HOME AUTOMATION	ELECTRICAL ENGINEERING	Mr. K. VENKATA KISHORE
	B. B. M. S. SRIKANTH			
	E. TEJA KUMAR			
	A. VENU BABU			
	B. PREM KUMAR NAIK			

**Project Co-ordinator**

**Head of the Department**








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