



NELENA

(News of Electrical Engineers Activities)

A Half Yearly News Letter Department of Electrical And Electronics Engineering

PVP Siddhartha Institute of Technology
Autonomous & Permanent Affiliation to JNTUK, Kakinada
AICTE Approved, NBA Accredited and ISO 9001: 2008 certified Institution
(Sponsored by Siddhartha Academy of General and Technical Education)
Kanuru, Vijayawada- 520007

Volume: 2

January-June-2013

Faculty Incharge:

Mrs. D.Ragaleela

Mr. B.Mohan

Inside:

1. Faculty Publications

(i) International Journals

(ii) International Conferences

2. Programmes Organised

3. Research grants

received and applied

4. Programmes attended

by staff (seminars / guest
lectures / workshops)

5. Faculty Interaction

with outside World

6. Student Achievements

FACULTY PUBLICATIONS:

International Journals:

1. Mr. **Y.VISHNUMURTHULU**, "Feasibility analysis of superconducting fault current limiters positioning in smart grid", International Journal Of Engineering & Science Research IJESR/Feb 2013/Volume-3/Issue-2/Article No-28/2543-2552 ISSN 2277-2685.

http://www.ijesr.org/admin/upload_journal/journal_J---Sandeep%20%2028feb13esr.pdf

2. Mrs. **B.LALITHA**, "A cascaded H bridge 5-level DSTATCOM for power quality improvement using level shifted and phase shifted PWM techniques", International Journal Of Engineering & Science Research (IJESR)/Feb 2013/ Volume-3/Issue-2/Article No-24 /25092520 ISSN 2277-2685

http://www.ijesr.org/admin/upload_journal/journal_J--Srikanth%20%2024feb13esr.pdf

3. Mrs. **A.VIJAYASRI**, "Mitigation of Voltage Sags by Employing Dynamic Voltage Restorer", International Journal Of Futuristic Science Engineering And Technology, Vol:1, Issue 2, February 2013, ISSN 2320-4486 .

<http://www.ijfset.org/vol1issue2.html>

4. Mr. **A.PURNACHANDRARAO**, "Control of grid-tie inverter using fuzzy logic controller", International

Journal Of Engineering & Science Research (IJESR), Feb 2013, Volume-3, Issue-2,

Quotation:

If you have built castles in the air, your work need not be lost; that is where they should be. Now put foundations under them.

Henry David Thoreau

Article No-18/2446-2458, ISSN: 2277-2685

http://www.ijesr.org/admin/upload_journal/journal_j---nikitha_18feb13esr.pdf

International Conferences:

1. Mr. **A.PURNA CHANDRA RAO** , “Analysis and effect of switching frequency and voltage levels on total harmonic distortion in multilevel inverters fed BLDC drive Intelligent Systems and Control (ISCO)”, Jan 2013, 7th International Conference at, Coimbatore, Tamil Nadu, India
<http://140.98.202.196/xpl/articleDetails.jsptp=&arnumber=6481124&refinements---3D4280010277-26queryText-3D>

PROGRAMMES ORGANIZED:

1. Organized a guest lecture for III B.Tech students on “PLC- its applications & SCADA” by Mr. **ASWIN GADGIL**, Service Engineer, HEM Electroniques, Miraj, Maharashtra on 5th Jan 2013.



2. All the Faculty members & M.Tech students attended a presentation on “PSCAD software” by Mr. **JAGADISH**, Nayak Power Systems, Bangalore on 17th & 18th Jan 2013.



RESEARCH GRANTS RECEIVED AND APPLIED:

1. A batch of final year students have designed, assembled and tested a 3 phase 5kVA isolation transformer at a cost of Rs.17, 000/-. The transformer is essentially useful for medical equipment to protect from rising neutral voltages.



PROGRAMMES ATTENDED BY STAFF (SEMINARS / GUEST LECTURES / WORKSHOPS):

1. Mrs. **D. RAGALEELA** & Ms. **G. MADHAVI** attended one day seminar on “Energy and environmental problems facing the third world and the solutions” by Dr. P. Kothari, conducted in VRSEC on 16th Feb 2013
2. Mrs. **D.RAGALEELA**, Mrs. **K.BHAVANA**, Mrs. **B.LALITHA**, Mrs. **V.SAI GEETHA LAKSHMI**, Ms. **G.MADHAVI**, Ms. **A.SOWJANYA**, Mr. **B. MOHAN** and Mr. **M.SESHU** attended a three day workshop on “SCADA Applications to Power Systems” under TEQUIP-II organized by Department of EEE, VRSEC during 21st – 23rd March 2013.
3. Mr. **.C. KUMAR**, Mrs. **B. LALITHA**, Mr. **M. RAVI KUMAR** and Mr. **M. SESHU** attended faculty development program on “Advances in Control and operation of distributed systems” under TEQUIP-II organized by Department of EEE, VRSEC on 29th & 30th March 2013.
4. Mrs. **K. BHAVANA**, Mrs. **B.LALITHA**, Mr. **M.RAVIKUMAR** and Mr. **B.MOHAN** attended a one day National level workshop on “ Energy conservation & Audit” conducted by Energy Systems Research Group at KL University on 5th April 2013.
5. Mr. **Y.VISHNUMURTHULU** & Mr. **M.SESHU** attended a two day National level workshop on “High voltage Technology” conducted by VNRVJIT-Hyderabad on 29th & 30th April 2013.

6. Mr. **A.PURNACHADRA RAO** & Mr. **B.MOHAN** attended three day workshop on “Power Control & Energy Management” at NIT Warangal during 9th -11th May 2013
7. Mr. **N.VIJAYAANAND** attended Two week audit course on “Research methodologies” at JNTUK from 1st -15th May 2013.
8. Mr. **N.VIJAYAANAND** attended Two week audit course on “Intellectual property rights and patents” at JNTUK from 16th -30th May 2013
9. Mr. **B.MOHAN** attended two week ISTE workshop on “Analog Electronics” under National Mission Education through ICT from 4th – 14th June 2013 conducted by IIT Khargpur.
10. Mr. **M.HEMATHSAI** & Mr. **K.VIJAY KRISHNA** attended workshop on “Control theory applications to flight control system” organized by Aeronautical Engg. at Dundigal, Hyderabad from 26th – 29th June 2013.
11. Mrs. **J.HEMALATHA** & Mrs. **K.BHAVANA** attended 3-day workshop through FICE (Foundation for innovation and collaborative education) on “Instructional excellence in intelligent systems” conducted by CSE department, PVPSIT from 26th – 29th June 2013.

FACULTY INTERACTION WITH OUTSIDE WORLD:

1. Dr. **CH.PADMANABHA RAJU** acted as judge for National Level Technical paper contest GECFEST’13 conducted by Gudlavalleru Engg., College on 1st March 2013
2. Dr. **S.V.M.BHUVANIKA RAO** delivered a guest lecture on “Energy crisis and its remedies” at Vignan University, Vadlamudi on 10th April 2013.
3. Dr. **S.V.M.BHUVANIKA RAO** delivered a key note address on “Employment opportunities in Electrical Engineering” on the occasion of electrical students association at Vignan University, Vadlamudi on 17th April 2013.

STUDENT ACHIEVEMENTS:

Placements:

S.No	Name	Roll No.	Company
1	DOKALA SRILEKHA	09501A0225	TCS
2	GADDE PHANI HARSHA	09501A0228	
3	INNAPURI ROOPITHA	09501A0237	
4	PANCHAKARLA JAYA	09501A0261	

	KETHANA		
5	VISHNUBHOTLA RAVI TEJA	09501A0287	
6	RASAPUTRA SINDHURIKA	09501A0270	Sutherland Global
7	KATRAGADDA MANOGNA	09501A0242	
8	SAFALA KOLAVENTI	09501A0273	
9	YERRAMASU SAI SREE	09501A0290	EXL INFOTEL
10	RASAPUTRA SINDHURIKA	09501A0270	ITP CONSULTING
	CHINTALAPATI		
11	CHAITANYA V MANIKANTA	09501A0221	
12	KOTHA VENKATA ANUP	09501A0246	
13	RASAPUTRA SINDHURIKA	09501A0270	InfoTech
	GODAVARTHI		
14	KARTHIKEYA SAI VAMSI	09501A0231	Tech Mahindra

Electrical and Electronics Engineering