



NATIONAL ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)

K.R.NAGAR, KOVILPATTI-628503.



EEE NEWSLETTER

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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STAFF ACHIEVEMENTS / ACTIVITIES

ACHIEVEMENTS:



Dr. R.V.Maheswari (Associate Professor) has completed **Doctorate in “Studies and Analysis of Partial Discharge Pattern of Power Apparatus”** on 09.02.2015 from Anna University, Chennai.

Dr. R. Karthik (Associate Professor) has completed his **Post Doctorate Research Fellow (PDF)** in Alma mater studiorum – Universita di Bologna, Italia on January 2015.

PUBLICATIONS:

- ✓ **N. Murugan, B. Vigneshwaran, G. Kannayeram, R. V. Maheswari and Dr. M. Willjuice Iruthayarajan**2015, ‘Analysis of Stress Control on 33kV Non-Ceramic Insulators using FEM’, *Electric Power System and Components – Taylor and Francis*, Vol.43, No.5,pp. 566–577.
- ✓ **S. Senthil Kumar, M. Willjuice Iruthayarajan and M. Bakrutheen**2014, ‘Analysis of Vegetable liquid insulating medium for Application in High Voltage Transformer’, *International Conference on “Science, Engineering & Management Research, “ICSEMR 2014”, IEEE Conference Proceedings held at Vel Tech Multitech, Chennai*, pp. 1-5.
- ✓ **M. Sivapalanirajan**2014, ‘Power System Design & parameter monitoring for 2U CUBESAT’, *International Conference on “Science, Engineering & Management Research, “ICSEMR 2014”, IEEE Conference Proceedings held at Vel Tech Multitech, Chennai*, pp. 1-7.

DEPARTMENT ACTIVITIES

EEE ASSOCIATION – ‘MASTER INTELLECTUAL AWARD’

On behalf of EEE Association, “MASTERINTELLECTUAL AWARD” was conducted for Electrical students. The ultimate aim of this event is to bring out the innovative ideas, technical skills, communication skills and extracurricular activities. Master Intellectual Award students are selected from 2nd, 3rd and 4th year. Totally four rounds was conducted by the **student volunteers under the guidance of Head of the Department and Association Staff incharges. Aptitude** was conducted in the first round on 19.02.2015. 50 students were shortlisted among 400 students. The second round was **Debate**. It was conducted on 23.02.2015. From this round, 6 members were selected from every year. Third round was **tech – talk**, and it was conducted on 26.02.2015. Totally 9 members were selected (3 from each year). Final round known as **intellectual round** was conducted on 03.03.2015. And finally the award was bagged by,

1. Ms. G.MariSelvi @ Abitha - IV year
2. Mr. R.Uma Maheshwaran - III year
3. Mr. B.Vijaya Shankar Vignesh-II year



Aptitude Round – III year ‘A’



Aptitude Round – II year ‘B’



Aptitude Round – IV year ‘B’

SPECIAL INTEREST GROUP

ENERGY ENGINEERING

MODELING AND ANALYSIS OF PARTIAL DISCHARGE



On 31/01/2015, paper presentation event was organized under SIG (energy group) by our faculties **Dr.M.Ravindran, Mr.S.Thirumalai Kumar, Mr.M.Sivapalanirajan and Mr.S.ArunSankar**. Students from 2nd and 3rd year of our department participated in this presentation. Totally 31 students participated in this technical presentation.

In forenoon session, papers related to electronics were presented by the students and the session was chaired by **Mr.N.Arumugam (ECE) and Dr.M.Ravindran**. In afternoon session, papers related to energy harvesting and latest technology were presented and that session was chaired by **Dr.M.Ravindran, Mr.S.Thirumalai Kumar & Mr.M.Sivapalanirajan**. Totally 18 number of papers were presented by the students.

First prize was bagged by A.Suvetha & Muthuselvi (II EEE B) for presenting the paper “**BIONIC EYE**”. G.K.Archanadharshini (III EEE A) got second prize for her paper “**BLUE ENERGY**” and S.Krithika (II EEE A) got third prize for “**FINGER PRINT IDENTIFICATION TECHNOLOGY**”.

A seminar on “Artificial – Contaminated Flashover Performance of High Voltage Insulators” was conducted on 07.02.2015 by **Ms.S.Divya, Assistant Professor/EEE** at Control and Instrumentation Laboratory for Special Interest Group (SIG) members. The objectives of this session are:

- Performance of insulators under pollution condition.
- Flashover mechanism and artificial pollution test.
- Mathematical modeling of insulators.
- Recent ongoing research on High Voltage Insulators.

The session was started by 11.30 AM and completed at 1.00PM. The students from third year participated and got the relevant information about the recent trends in high voltage engineering. She suggested some of the research area in high voltage field for final year project. The students got clarified with the ideas relevant to the project.

POWER SYSTEM



A seminar presentation on 'Conventional Grid of TANGEDCO' was conducted on 31.01.2015 by **Dr.P.Subburaj, Professor / EEE** at H1 class room.

The details about transmission sector in Tamilnadu and present power scenario was discussed. He gave the information regarding the generating voltage ranges, available voltage ratios and list of 400kV substations in Tamilnadu. He also elaborately explained about the major 400kV corridors linking the north and south.

Then he discussed about the need for smart grid and the drawbacks of existing grid, its development and implementation in various levels of power system. Finally, he shared his personal experience in Tuticorin Thermal power station.

SEND OFF PARTY



A Farewell party was organized to **Dr. R. Karthik** by the department on 17.02.2015. He was relieved from the college on his request. All the staffs wished him good luck.

STRUCTURING OF REGULATION 2015 CURRICULUM & BOARD OF STUDIES MEETING

The structuring regulation 2015 curriculum was done to meet out the Industrial need and to implement the Outcome Based Education. In continuation with that initially interaction with parents and students, their feedback is due considered in this present curriculum. The revision of Programme Educational Objectives (PEO) and Programme Outcomes (PO) are made by considering the minutes of stake holders such as parents, students, alumni, industrialist and staff members on 21.02.2015. Then revised PO is split into Program Outcome Element (POE) for structuring regulations 2015 Curriculum. KSA Taxonomy Level for each POE is calculated. Contribution of POE to CDEG and ADEG is calculated. Then contribution of POE to each PO is also made. Correlation between CDEG and ADEG to regulatory body AICTE is also done.

DEPARTMENT ADVISORY BOARD COMMITTEE WITH PARENTS



Department Advisory board committee conducted Parents meeting at Research Simulation Lab of our Department on **14/02/2015** for the academic year 2014-2015.

Dr.P.Subburaj, Convener, Dr. M Willjuice Iruthayarajan, Chairman and members of Department Advisory board members attended meeting and discussed the following points.

- Discussed about the present status of OBE in the dept. Department vision, mission, and Program Educational objective were elaborated by the department Programme Coordinator **Dr. L. Kalaivani**. Discussed about the correlation between Graduates Attributes and Program outcomes
- Curriculum design methodology for each course and its Course outcomes were discussed under Regulations-2015. Teaching methodology and Assessment methods of course outcome were discussed to the members. Refining about the vision, mission, PEOs and POs were discussed. Industrial expectations of electrical engineers were discussed with members.

The parents asked the Head of the Department to take necessary steps to improve the self confidence and practical knowledge for the students

Head of the department conveyed the parents, that the department has already taken some development activities through Special Interest Group, Gate coaching class, MATLAB class through association, paper presentation and field visit etc...

DEPARTMENT ADVISORY BOARD COMMITTEE WITH STUDENTS



Department Advisory board conducted students meeting at *Research Simulation Lab* of our Department on **19/02/2015** for the academic year 2014-2015.

Dr.P.Subburaj, Convener of department advisory board welcomed the students and gave an introduction about the department advisory board. **Dr. M Willjuice Iruthayarajan, Chairman** and Department Advisory board members have discussed the following points. Discussed about the present status of *National Board of Accreditation* (NBA) under *TIER-I* in the Department of EEE.

Department vision, mission, and Program Educational objective were elaborated by Programme Coordinator **Dr. L. Kalaivani**. Discussed about the correlation between Graduates Attributes and Program outcomes. Teaching methodology and Assessment methods of course outcome were discussed with the students. Refinement of the vision, mission, PEOs and POs were discussed.

The students asked the Board to take necessary steps to redefine the Program Outcomes based on various expert domains of Electrical & Electronics Engineering.

The students were asked to give their feedback about curriculum design through email or by written document. Programme coordinator thanked all the members for active participation of meeting and for their valuable suggestions.

Article by Staff Member

MICROGRID

Ms.J.R.Deepeha

Assistant professor

Department of Electrical and Electronics Engineering

National Engineering College

A Microgrid, a local energy network, offers integration of distributed energy resources (DER) with local elastic loads, which can operate in parallel with the grid or in an intentional island mode to provide a customized level of high reliability and resilience to grid disturbances. This advanced, integrated distribution system addresses the need for application in locations with electric supply and/or delivery constraints, in remote sites, and for protection of critical loads and economically sensitive development. (Myles, et al. 2011)

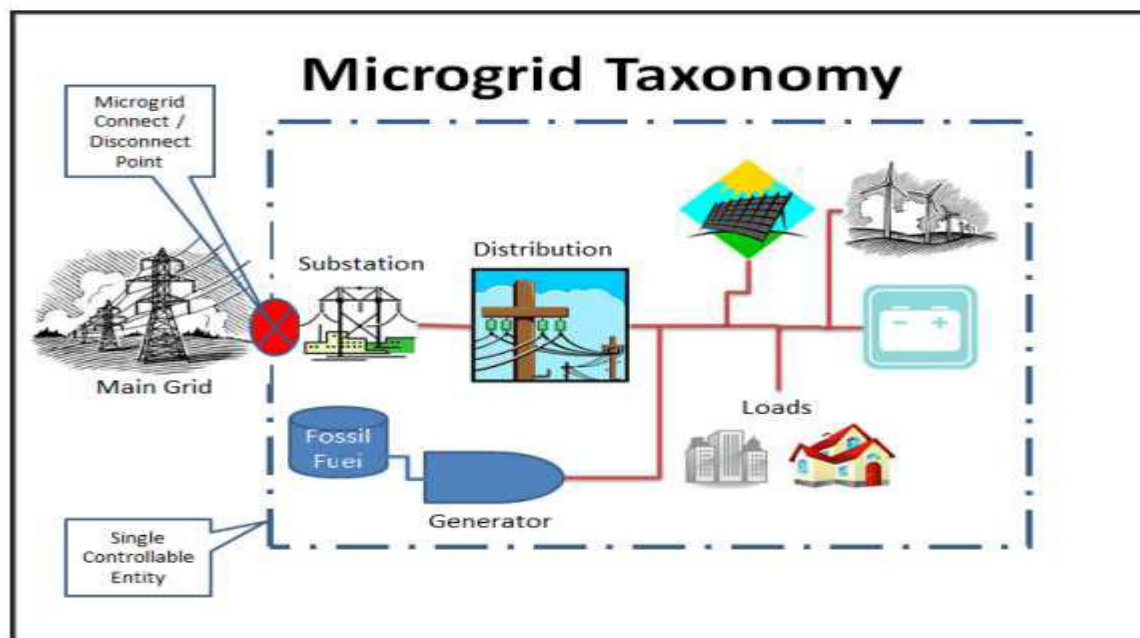
A Microgrid is any small or local electric power system that is independent of the bulk electric power network. For example, it can be a combined heat and power system based on a natural gas combustion engine (which cogenerates electricity and hot water or steam from water used to cool the natural gas turbine), or diesel generators, renewable energy, or fuel cells. A Microgrid can be used to serve the electricity needs of data centers, colleges, hospitals, factories, military bases, or entire communities (i.e., “village power”). (Campbell 2012)

A Microgrid is a group of interconnected loads and distributed energy resources within clearly defined electrical boundaries that acts as a single controllable entity with respect to the grid. A Microgrid can connect and disconnect from the grid to enable it to operate in both grid connected and island-mode. (Bossart 2012)

“A true Microgrid is much more than a backup power system, however, even if it also does that as one of its core functions. It also has to include real-time, on-site controls to match the Microgrid’s generation and storage capacity to power use in real time, as well as have some way to interact with the grid.” (St. John 2012).

KEY FEATURES OF A MICROGRID

- Operation in both island mode or grid-connected
- Presentation to the Macro grid as a single controlled entity
- Combination of interconnected loads and co-located power generation sources
- Provision of varied levels of power quality and reliability for end-uses, and
- Designed to accommodate total system energy requirements



TYPES OF MICROGRIDS

1. Campus Environment/Institutional Microgrid

The focus of campus Micro grid is aggregating existing on-site generation with multiple loads that are co-located in a campus or institutional setting (e.g., industrial park). Pike Research has observed that the reason why this particular segment has achieved the greatest traction in the Microgrid market is that a single owner of both generation and multiple loads all located within a tight geography is easier for the owner to manage and avoids many of the regulatory obstacles noted in other Microgrid segments. Scale ranges from 4 Megawatts (MW) to more than 40 MW

2. Remote "Off-grid" Microgrid

These Microgrid never connect to the Microgrid and instead operate in an island mode at all times. According to Pike Research this category represents the largest number of current

deployments of all Microgrid; however, village power systems represent the lowest average capacity

3. Military Base Microgrid

These Microgrid are being actively deployed with focus on both physical and cyber security for military facilities in order to assure reliable power without relying on the Macro grid. This segment also includes mobile Military Microgrids for forward operating bases. The U.S. Department of Defense (DOD) is actively implementing this approach.

4. Commercial and Industrial (C&I) Microgrid

These types of Microgrid are maturing quickly in North America and Asia Pacific; however, the lack of well-known standards for these types of Microgrid limits them globally. Therefore they are a “type” of Microgrid but without clear characteristics.

MICROGRID-ENABLING TECHNOLOGIES

The key capability and feature of a Microgrid is its ability to island itself (i.e., separate and isolate itself) from a utility’s distribution system during brownouts and blackouts. (Asmus and Stimmel, Utility Distribution Microgrids 2012) However, in order to have an operational Microgrid that can perform in the manner expected – both online and islanded – requires use of the following technologies:

- Distributed Generation (DG)
- Islanding and Bi-Directional Inverters
- Smart Meters
- Distribution Automation (DA)
- Substation Automation
- Microgrid Control Systems
- Smart Transfer Switches
- Advanced Energy Storage

MERITS OF MICROGRIDS

- Microgrids have much smaller financial commitments.

- Microgrids use renewable resources hence are more environmentally friendly with lower carbon footprints.
- They require fewer technical skills to operate and rely more on automation.
- They are isolated from any grid disturbance or outage.
- Microgrids place the consumer out of the grip of large corporations that run the generation networks.

FUTURE

High technology products like nano solar cells, nano super capacitors, nano batteries and fuel cells will make the microgrid with storage capacities a reality. Advances in automation, power electronic control systems will also help in the popularity of Microgrids . Even hybrid cars plugged into the home wiring can act as a generating sources or a storage device. In larger communities mini nuclear plants could be the ideal source of energy for the Microgrids.

Article by Alumni

MUTHU SELVI. A

*Trainee- Engineer
Coastal Energen Pvt Ltd.
Passed Out: 2014*

Hi there, I would like you share my journey in Coastal Energen which I am pursuing for about an year. The world outside college is quiet challenging. I had stepped out of college and landed Coastal Energen gracefully. That's my starting point of my career. Coastal Energen is a company that generates electrical energy out of coal. Though it is a one liner introduction, the roots are so deep and widely spread. I narrow down to the area, that I have little hands-on. My professional curve goes upward steeply since I had been associated. I find this to be a platform where I convert my theoretical knowledge into application oriented which the society demands. My learning is just a pin point, I will touch upon few points. The primary of energy generation is from generator. It's been monitored always. I come to know about the generator operation and its protection. The power that we use to make our life happy and easy involves many steps. I had carried out few studies in transmission lines and substations. This had been very useful down the line creating opportunity to learn and explore more and more. The projects that i engaged did not stop there. It keeps extending to Relays, Circuit breakers, low voltage and medium voltage switchgears and its design and much more! I find my role with much aspiration and Coastal Energen nourishes and giving me space to identify my professional life a meaningful and valuable one. It moulds me in a right direction to grow into greater heights. I wish every one of us should experience this and keep engaged in right direction to achieve your dreams.



- A.Muthu Selvi

Trainee- Engineer

Coastal Energen Pvt Ltd.

Articles by Student

My aim is to set foot in business & so I decided to choose MBA.CAT exam is the best selection exam towards choosing a college for MBA. Though I prepared for this exam for nearly 3 months, this duration was not enough for me to crack this exam.Next I started preparing for MAT exam.It has five sections like Reading comprehension, Data analysis,Aptitude,Verbal Ability and General awareness.Each section has 40 questions. Only when our speed is improved, we would be able to answer it. So I attempted number of mock tests.It is the key to my success in MAT to get good score.So I request the students to keep on practicing aptitude .



I wish all my juniors a very best on all competitive exams. Try out many number of mock tests it will guide you to success.

- *P.DeivaVadivu Vishnu Priya*
Final EEE-A

PERSONALITY TO KNOW

ANN MAKOSINSKI

Ann Makosinski is a 16-year-old student (3rd October 1997) from Canada who invented the hollow flash light which uses heat from human hands to glow the led. The battery she invented is a battery-free flashlight.

While visiting the Philippines, Ann found that many students couldn't study at home because they didn't have electricity for lighting. Unfortunately, this is a common problem for developing regions where people don't have access to power grids or can't afford the cost of electricity.

Ann recalled reading how the human body had enough energy to power a 100-watt light bulb. This inspired her to think of how she could convert body heat directly into electricity to power a flashlight. She knew that heated conductive material causes electrons to spread outwards and that cold conductive material causes electrons to condense inwards. So, if a ceramic tile is heated, and it's pressed against a ceramic tile that is cool, then electrons will move from the hot tile towards the cool tile producing a current. This phenomenon is known as the thermoelectric effect. Ann started using ceramic tiles placed on top of each other with a conductive circuit between them (known as Peltier tiles) to create the amount of electricity she needed for her flashlight.

Her idea was to design her flashlight so that when it was gripped in your hand, your palm would come in contact with the topside of the tiles and start heating them. To ensure the underside of the tiles would be cooler, she had the tiles mounted into a cut-out area of a hollow aluminum tube. This meant that air in the tube would keep the underside of her tiles cooler than the heated topside of the tiles. This would then generate a current from the hot side to the cold side so that light emitting diodes (LEDS) connected to the tiles would light-up. But although the tiles generated the necessary wattage (5.7 milliwatts), Ann discovered that the voltage wasn't enough. So she added a transformer to boost the voltage to 5V, which was more than enough to make her flashlight work. Ann's flash light is the first one which was free from toxic materials, chemicals

For her discovery she was awarded with a cash prize of \$25,000 in the Google International Science Fair Competition which was held World Wide on 23rd September 2013.

- *Madasamy @ Yuvaraja.K,*
Second year EEE 'A'



TIME TO KNOW OUR ALUMNI

SEENIVASAN RAMASUBBU, B.E., CAPM, MSc/LLM

Email: seenivasan.ramasubbu@hotmail.com

Contact: +974-30211708



PASSED OUT 2008

CURRENT WORKING STATUS:

Manager Pre /Post Contract Project controls -
KPSWorld, Qatar

EDUCATION

MSc/LLM in Construction Law & Arbitration, 2014-2016

Robert Gordon University, Aberdeen, UK

Certified Associate for Project Management, 2011

Project Management Institute, USA

Bachelor of Engineering (Electrical & Electronics Engineering), 2008

National Engineering College, Kovilpatti

Profile Summary

- ❖ **Project Planner** with comprehensive experience in the areas of Project planning & scheduling using PrimaveraP6. Experienced, to prepare **RIBA stage** Project Master Schedule; and preparation of method statement, daily/weekly Project reports, assessing project specific resource requirements, and developing project cost estimations
- ❖ **Contract Management** experience, which includes, Claim preparation on EOT & Cost, FIDIC Redbook 1999, Contractual Meetings & letter drafting
- ❖ **Strong financial aptitude in projects** including cashflow, preparation of accepted cost estimate (ACE) & monthly Job Cost Report (JCR), analysis of the cost variance & schedule variance using EVM, to plan annual financial & man power budgets
- ❖ **Related computer knowledge** with extensive experience in preparing Dashboards, Gantt charts, Project risk analysis using Pert master, histograms, S Curves & Progress

reports, as well as thorough knowledge of Primavera P6, MS-Office, Tilos 7, ASTA power Project

SERVED/SERVING ORGANISATION & PROJECTS

KPS World, Qatar - Mar'14 to Present

Manager–Pre/Post Contract Project controls; reporting to General Manager

Responsibilities, but not limited to;

- In-charge, Programme management & Site execution coordination
- Preparation of Tender, Contract & Construction Programme along with Cost & Resource loaded in P6 and MSP
- In-Charge, to monitor in-house Tender process flow
- Managing a team of 4 planners
- Monitor, Review & Direct the Sub-Contractor's progress at Site
- Creating Dashboards in different models like Progress, Delay, EVM, Reports, and Cash Flow
- In charge for EOT claims in Planning & Contractual aspect

IBM India, Pune, India - Jun'13 to Feb'14

Consultant–Primavera & Project Controls

Dar Al- Handasah – Shair & Partners, Pune-India, Beirut-Lebanon, Lagos-Nigeria - Jul'12 to Jun'13

Powertech Engineering LLC, Oman - Mar'11 to Jun'12

Corporate Planning Engineer; reporting to Manager- Corporate Planning

DO IT!!! KNOW IT!!!

A. Anto Sharon Prakash - Prefinal Year

SYSTEM WHICH TEACHES HUMAN

INTRODUCTION:

Energy is the one that can neither be created nor be destroyed and it is our belief. To walk, to talk, to cook, to make, to take and to do all our actions we need energy. Without energy they are not possible. See our modern world. They are all dependant on the energy 'Electricity'. Without electricity most of the worldly things are not possible. They all would struck. They would be idolized. Even thinking about it itself astonishes us. To know more about this energy and how it is utilized under the name 'POWER SYSTEM' let us try to do the following simple project. For that we require,

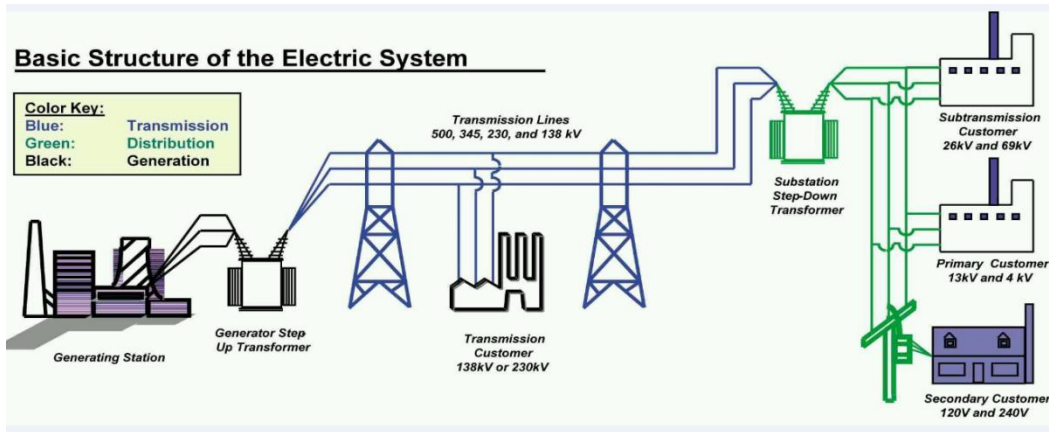
1. Generating station
2. Transmission system
3. Distribution system
4. Load

SELECTION:

In this world most people are committing sins including us. Our actions make common man sad. We are developing hatred against others. We are not even talking with others. We just want to fill our pockets with money. We want to develop just our own family. We survive in this world thinking that we are going to be in this earth permanently. But it is not going to be like that. We, from the soil, are going to return to it one day. So to make us realize this, to stop committing sins, to enjoy the present and to make our mind to help others, this project was selected as the electrical energy is consumed but the power system ends where it starts i.e power plants and grids.

PRINCIPLE BEHIND:

The electrical power is generated in the power plants. Different power plants use different type of sources for generating electrical power. Some use nuclear energy, some use thermal energy, some use wind energy, some use ocean energy and even some power plants use geothermal energy to generate power. The power generated here is transmitted using a mega construction i.e. transmission system. It has two parts. They are primary and secondary transmission system. Then at the end of transmission system distribution system follows. Similar to transmission system distribution system has primary and secondary. The primary distribution system supplies bulk consumers. Then the secondary distribution system provides our home needs. This is how the power system operates.

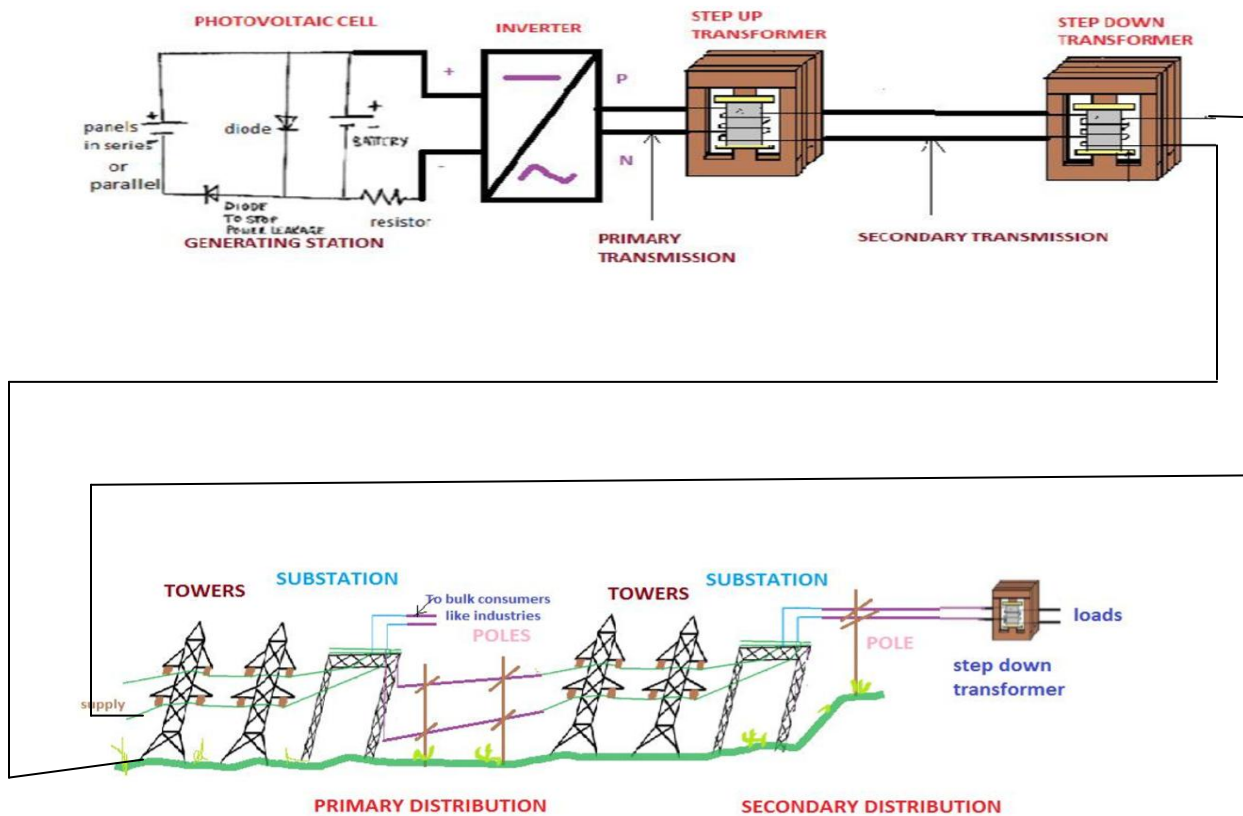


(Image source: econ.iastate.edu)

WHAT WE ARE GOING TO DO?

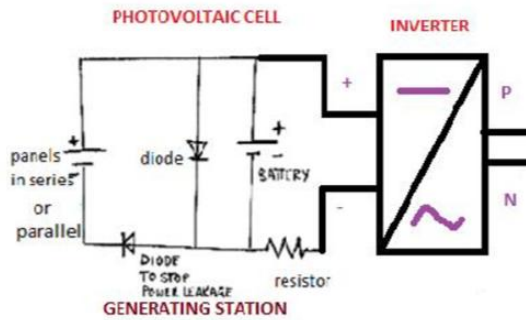
1. Explore to modify.
2. Explore to introduce anything new.
3. Explore to omit any components in the power system and make the system easy.

PROJECT DIAGRAM:

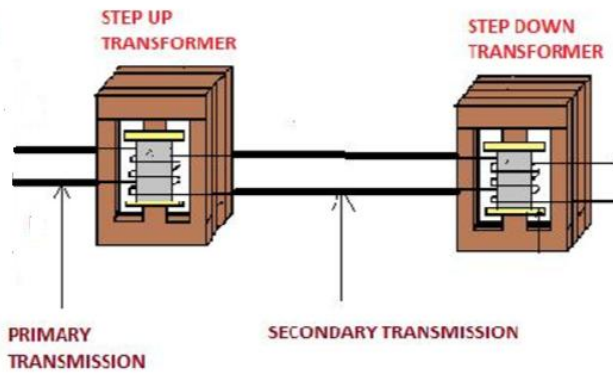


(Generating station image source: internet)

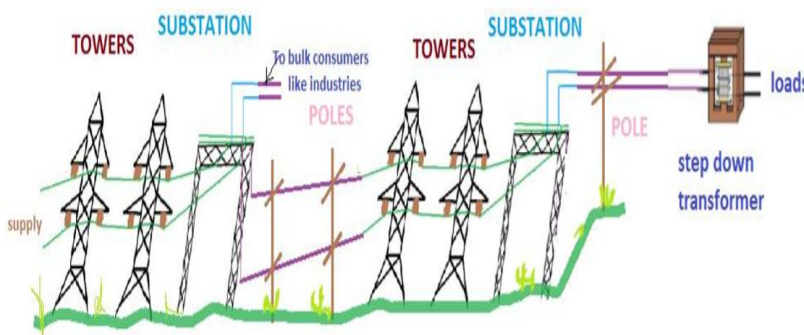
PROJECT COMPONENTS EXPLANATION:



The generating station is used generate electric power.



The transmission system transmits the power generated in the generation station to the distribution system.



The distribution system is used to distribute the power received from transmission system to the consumers.

NOTE:

- 1.Do the project with care.
- 2.Do not use wet hands.

Students AchievementsSecond Year 'A'

S.NO	NAME	EVENT	VENUE	REWARDS	DATE
1.	R.BalajiKarikalan M.V Abilash	Paper Presentation	National Engineering College	Participation	31-01-2015
2.	J.Aksha K.Maheswari	Paper Presentation	National Engineering College	Participation	31-01-2015
3.	E.Abbiramy Devi Bala D.Abarna	Paper Presentation	ECE Association, National Engineering College	Participation	28-01-2015
4.	A.AscalPremiSubha S.Kavitha	Paper Presentation	National Engineering College	Participation	31-01-2015
5.	S.Kirthika	Paper Presentation	National Engineering College	<i>3rd prize</i>	31-01-2015.
6.	J.Aksha K.Maheswari	Paper Presentation	ECE Association, National Engineering College	<i>2nd prize</i>	28-01-2015
7.	J.Aksha K.Maheswari	Paper Presentation	ISTE, National Engineering College	Participation	29-01-2015
8.	E.AbbiramyDeviBala D.Abarna	Paper Presentation	National Engineering College	Participation	31-01-2015
9.	R.Bavithra	Paper Presentation	ISTE, National Engineering College	Participation	29-01-2015
10.	R.Jesintha	Paper Presentation	ECE Association- National Engineering College	Participation	28-01-2015

11.	J.Caroline Joy A.Primika(EEE B)	Video Contest	YRC, National Engineering College	<i>1st prize</i>	22-01-2015
12.	S.Kirthika K.soundarya(EEE B)	Video Contest	YRC, National Engineering College	Participation	22-01-2015
13.	R.BalajiKarikalan S.DuraiPandian K.GaneshaMoorthy	Video Contest	YRC, National Engineering College	Participation	22-01-2015
14.	R.HariSankar S.GanapathyVinayagam	Technical Quiz	IEEE(CSC), National Engineering College	Participation	13-02-2015
15.	M.Jegan N.Deepan Raj	Quiz	ECE Association, National Engineering College	Participation	28-01-2015
16.	K.Kannan	TIES ,Hockey	Sairam Engineering College, Chennai.	Participation	14-02-2015
17.	S.DuraiPandian K.Madasamy @ Yuvaraja K.Rajesh(EEE B)	Circuit Debugging	IE, National Engineering College	<i>1st prize</i>	16-02-2015
18.	R.BalajiKarikalan R.HariSankar S.GanapathyVinayagam	Circuit Debugging	IE, National Engineering College	<i>2nd prize</i>	16-02-2015
19.	G.Esakkiamal R.Bavithra A.Amala Annie S.Lakshmi S.Kalaiveni	Circuit Debugging	IE, National Engineering College	Participation	16-02-2015

20.	B.Jerlin S.Gulshan J.Caroline Joy S.Kirthika J.Manisha Mariel Raj	Debate	Fine Arts Club, National Engineering College	Participation	17-02-2015
21.	M.Balasubramaniam T.Ajithkumar	NCC Rally	Tirunelveli	Participation	30-01-2015,3-02-2015
22.	R.Bavithra S.Gulshan B.Jerlin A.Amala Annie R.Anusuya	NCC Rally	Tirunelveli	Participation	30-01-2015, 3-02-2015
23.	R.BalajiKarikalan E.JeevaBharathi	Blood Donation	YRC, National Engineering College	Participation	18-01-2015
24.	T.JesuRajPravin S.AlaguSelva Kumar	NSS Camp	Inam Arunachalapuram	Participation	13-02-2015 to 19-01-2015

Second Year 'B'

S.NO	NAME	EVENT	VENUE	REWARDS	DATE
	G.Saravana Kumar A.RamaSubramaniam M.RajaDurai S.Subash	Polio camp(NSS)	Kovilpatti	Participation	22-02-2015 to 24-02-2015
	M.Muthuselvi A.Suvetha		Lakshmipuram West colony	Participation	22-02-2015 to 23-02-2015

	M.Poolammal S.Renganayaki		Inam Maniyachi		
	M.Muthuselvi A.Suvetha G.ShivaSankari K.Prema	Medical & eye camp(NSS)	InamArunachalapuram	Participation	14,15,18-02-2015
	N.Naveen Kumar S.Muthuvel R.M .Vishnu	Cycle Rally (NCC)	Tuticorin/ Kovilpatti	Participation	20,21-02-2015
	A.Prem Kumar R.G.Prejith		Tuticorin/ Kovilpatti	Participation	21,22-02-2015
	B.VijayaSankarVignesh K.PeratchiHariharasudhan N.Vignesh	Circuit Debugging	IE,National Engineering College	Participation	11-02-2015
	K.PeratchiHariharasudhan N.Vignesh V.M.Vignesh	Blood Donation Camp	YRC,National Engineering College	Participation	18-02-2015

Third Year 'A'

S.NO	NAME	EVENT	VENUE	REWARDS	DATE
1.	B.Deivashree R.FelshiyaRajakumari R.NanthiniDhanalakshmi C.Karthika	Workshop	PSN Engineering college	Participation	22-1-2015

2.	J.Alma Margaret A.Aishwarya V.Anitha A.Anitha A.Jenifar S.Karpagavalli		PSG Engineering college		14-2-2015
3.	A.Jenifar A.Aishwarya A.Anitha A.JenifarRomina S.Karpagavalli		Bharathiyar Engineering college		28-1-2015 to 29-1-2015
4.	R.FelshiyaRajakumari R.NanthiniDhanalakshmi	Paper Presentation	Sri Ramakrishna Engineering college	Second prize	13-2-2015
5.	M.Manikandan A.Anto Sharon Prakash	Circuit Debugging Quiz	ISTE, National Engineering college	First Prize Third Prize	29-1-2015
6.	A.Anto Sharon Prakash	NSS Special Camp	Inam Aunachalapuram	Participation	13-2-2015 to 19-2-2015

Third Year 'B'

S.NO.	NAME	EVENT	VENUE	REWARDS	DATE
1.	S.G.Sivaram, D. VairaPrakash		National Engineering College, Kovilpatti	Participation	03-02-2015
2.	R.Umamaheshwaran, M.S.Pranavakartikeyan		National Engineering College, Kovilpatti	<i>3rd prize</i>	03-02-2015

3.	B.SivaRanjini, U.ShanmugaPriya	Paper Presentation	Mepcoschlenk Engineering College, Sivakasi	Participation	20-02-2015	
4.	R.VisnuVidya		Mepcoschlenk Engineering College, Sivakasi	<i>1st prize</i>	21-02-2015	
5.	R.C.Sangeetha V.Nithya		National Engineering College, Kovilpatti	Participation	31-01-2015	
6.	PremaNayagi.G.S, Porchitra.s		National Engineering College, Kovilpatti	Participation	31-01-2015	
7.	Selvarani.S SelvaJothi.G		National Engineering College, Kovilpatti	Participation	31-01-2015	
8.	R.Umamaheshwaran, M.S.Pranavakartikeyan		Technical Quiz	National Engineering College, Kovilpatti	<i>1st prize</i>	03-01-2015
9.	PremaNayagi.G.S, Porchitra.s, C.Subashini		Connexions	National Engineering College, Kovilpatti	<i>2nd prize</i>	25-02-2015
10.	R.Sneha	Ball Badminton		Participation	28-01-2015 to 03-02-2015	
11.	Indhumathy.M Revathi.E Sunitha.R SnehaPremaLochini.M	Handball		Participation	28-01-2015 to 03-02-2015	
12.	M.Naveen Lingam Narayanan.K	Hockey	Sri Sairam Engineering College, Chennai	Participation	02-02-2015 to 04-02-2015	
13.	Selvam.P	Weight Lifting		<i>6th position</i>	07-02-2015	

14.	Sangeetha.R.C RashmiSilvania.A Siva Ramalakshmi.V PriyaDharshini.S SnehaPremaLochini.M	Workshop	Madras Institute of Technology, Chennai	Participation	20-02-2015
15.	R. Visnu Vidya M.RatnaPriya UshaRani.R G.SivaRanjini	Workshop	Mepcoschlenk Engineering College, Sivakasi	Participation	20-02-2015
16.	S.PandiarajA.PraveenBala jiS.Santhosh Kumar M.Subbiah M.Velraj Suriyakumar Udhaya Vijay.S.M.K	Workshop	National Institute of Technology, Trichy	Participation	30-01-2015 To 01-02-2015
17.	P.Suresh Kumar V.Vignesh Kumar Sivaram.S.G Natrajan.S Rama Subramanian.S	Workshop	PSG Institute of Technology, Coimbatore	Participation	13-02-2015 to 14-02-2015
18.	Ram Kumaran Raj Kumar Varatharajan Pradeep	Workshop	Madras Institute of Technology, Chennai	Participation	20-02-2015
19.	Sathianarayanan.M	NSS Camp	Inam Arunachalapuram	Participation	13-02-2015

					to 19-02-2015
20.	Pradeepa.C R.Sunitha				17-02-2015 to 18-02-2015
21.	P.Shanmugam M.S.PranavaKartikeyan	NCC Cycle Rally	Kovilpatti- Tuticorin	Participation	20-02-2015
22.	P.Shanmugam M.S.PranavaKartikeyan P.Sathyananthan	NCC Polio Drops Camp	Kayatar Toll Gate	Participation	21-02-2015

Final Year

S.NO	NAME	EVENT	VENUE	DATE
1.	S.Sarath Kumar	NSS Special Camp	Inam Arunachalapuram	13-2-2015 to 19-2-2015

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