

NAVEEN THEVAR

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OBJECTIVE

To obtain full time position in Power/Energy sector, Smart grid, Electric Vehicle and Energy management field with continuous and dynamic learning opportunities.

EXPERIENCE

- **Energy Engineer Intern, DENCO ENERGY MANAGEMENT, New York** **JAN 2016 – PRESENT**
 - Responsible for arranging meeting with customer and initial walk through or site visits
 - Responsible to do presentation to explain advantages of energy conservation to prospective participants regarding the cost effectiveness and savings potential in program participation
 - Highly efficient in data collection, compilation and formatting :- Information related energy use , energy loss and potential energy savings in complex commercial/industrial facilities.
 - Proficiency in **EASI-Survey Software-6**
 - Proficient in preparing energy audits reports; presents findings and proposed energy management improvements to business executives
 - Assist the organizations in installation, repairs and operating the energy efficient systems
 - Inspects installation of energy conservation measures in complex commercial/industrial facilities for compliance with engineering standards , technical requirements and specifications.
 - Conduct energy tests to judge the system on basis of conservation, output and present an overview of its energy effectiveness

- **Graduate Assistant, NEW YORK INSTITUTE OF TECHNOLOGY** **MAR 2015 – DEC 2015**
 - Assist senior colleague & Dean in academic work process-data management in MS Excel, Word and in organizing department events like student registration and event data folders
 - Making operating procedure for instruments used in engineering laboratory

- **R&D Engineer (Global R&D Member), TDK – EPC (EPCOS INDIA PVT. LTD.)** **NOV 2010 – Jul 2014**
 - Represented EPCOS India overseas as a Technicle R&D member at STEINER (Germany) & TREFAN (Germany)
 - Lead the entire product development including requirement analysis,finalizing specifications, designing, prototype development and testing activities.
 - Handled many Research and Development projects as a team leader
 - Working Closely with Marketing & Operations Team to deliver New Product.
 - Technical support to Design, Manufacturing, Quality , Testing to meet customer need.
 - Productivity projects to meet market price of product to enhance order Intake.
 - Sourcing the vendors & conducting techno-commercial negotiations
 - Possess knowledge of product & process costing, spend analysis & cost reduction, target costing.
 - Skilful in implementation of APQP,DFMEA,PFMEA.
 - An enterprising leader with skills in leading personnel towards accomplishment of common goals
 - Monitored & controlled efficient operation of Metallization–slitting & Capacitor Manufacturing process.
 - Conducted electrical tests on Biaxially Oriented Polypropylene, Metallized propylene & capacitor.
 - Designed and developed new types of film to reduce losses in the capacitor.
 - Analyzed and tested failed capacitor & Metallized Polypropylene to find the root cause of failure.
 - Facilitated vendor development and conducting techno-commercial negotiation to finalize .
 - Equipment handled: **Scanning Electron Microscope ,Goniometer, Impulse test setup ,DC step Voltage test , Oscilloscope, Fluke-434**
 - A versatile team player. Possesses excellent interpersonal communication skills & ability to understand & consider customer point of view.
 - Attended Trainings:
 - Tools: MSA (Measurement System Analysis) APQP, DFMEA & PFMEA
 - SAP for material code creation
 - Technical Training program in Electrostatic & capacitor manufacturing
 - ISO/TS 16949.2009 awareness

- Analyzed existing pattern of power consumption, maximum demand – load data, power factor and capacitor requirement for various industries.
- Assisted in conducting power quality audits (Harmonic analysis).
- Recorded and collected data like current-voltage harmonics; made technical reports of data .
- Calculated the required kVAr compensation and decide the rating of Automatic Power Factor Correction (APFC) panels to improve the power factor.

EDUCATION

➤ **M.S IN ENERGY MANAGEMENT, New York Institute of Technology, NY**

MAY 2016

- GPA: 3.86
- COURSES: Computer Applications for Energy Management , Smart Grid , Power Plant System, System Engineering & Management, Alternative Energy System

➤ **BACHELOR OF ELECTRICAL ENGINEERING, Pune University, Nashik India**

AUG 2010

- COURSES: Power Quality , Power System , High Voltage Engineering

SOFTWARES & SKILLS

- Energy Management related software: EPA Portfolio, Metrix, Energy Cap, Market Manager, E-Quest, Motor Master, Project Calc, BEopt and HEED.
- AutoCAD, MS Excel, Word, PowerPoint, Access
- Research & technical report writing

PROFESSIONAL & ACADEMIC DEVELOPMENT

➤ **Master's Program**

- Represented paper on Phasor Measurement Unit and its applications in Smart grid.
- Compared HEED & BEopt Energy Software for Residential Building designing and made report.
- Represented paper on Hybrid Solar-Wind Power Plant
- Conducted preliminary audit of one grocery store and made the report.
- Analyzed and made report on storm water management of NYIT pond including solution.

➤ **Bachelors of Electrical Engineering Program**

- Project: Studied the thermal behavior of Zinc Oxide (ZnO) blocks used in surge arrester at Crompton Greaves Ltd., Nasik
- Represented paper on Hybrid vehicles
- Attended vocational training in Larsen & Toubro Ltd. Pune, India in 2010
- Attended vocational training in Crompton Greaves Ltd. Nasik, India in 2009
- Attended Power Quality seminar/training at K.K.W.I.E.E.R in 2009
- Attended Diagnostic Testing & conditioning monitoring of power plant equipment in 2008
- Participated in "International conference on systemics, cybernetics & informatics at Dr. MCR HRD Institute, AP, India in 2009

REFERENCES

- (1) **Mr. Robert Amundsen-Associate Professor (Dept Chair)-Energy Management
New York Institute of Technology (NYIT) - ramundse@nyit.edu, 516.686.7578**
- (2) **Mrs. Ambeeka Jewnandan- Assistant to Dean of SECS
New York Institute of Technology - ajewnand@nyit.edu, 516.686.7910**
- (3) **Dr. Sudipta Sarkar- Head of Film Metallization R&D (Global), Capacitor Basic Research (India)
EPCOS India Pvt. Ltd. (A group company of TDK)- sudiptaiacs@gmail.com, +34634629003**