**MODASSER NIYAZ**

C-369, GAMMA-1, GAUTAM BUDH NAGAR GREATER NOIDA U.P INDIA  
 **Mob**: +91-9818883702 **Email**: [modasser.niyaz@rediffmail.com](mailto:modasser.niyaz@rediffmail.com)

**CAREER OBJECTIVE**



* To obtain a challenging position in the esteemed organization to apply my extensive analytical, inter-personal skills that adds value to my profession and personality, Seeking middle level assignments in:-Product Development/R&D/Operation/Process/Design/Maintenance with a progressive organization.

**PROFILE**

**Current designation- Operations & Development Engineer at Moser Baer Photo Voltaic Limited,**



* Competent, diligent & qualified **Electronics and Communication Engineering (B-Tech)** Professional, with experience of over **3 years** in **PV Module manufacturing field (Solar)**. Currently working with Moser Baer Photo Voltaic Limited in Crystalline Silicon Photo Voltaic Module Division as Engineer Operations & Development.
* Hands on exposure to Photo Voltaic Modules manufacturing, Project planning, Customers' need analysis, Project engineering, installation & commissioning, Machine software troubleshooting, Training & Development.
* Skilled in handling Photo Voltaic module flash tester (Sun Simulator).
* **A Qualified Professional** who seeks to leverage experience and business acumen as well as learn from accomplished peers, while continuing to work in the industry.
* **A proactive learner** with a flair for adopting emerging trends and addressing industry requirements to achieve organizational objectives & profitability norms.
* **Effective communicator & negotiator** with strong analytical, problem solving and organizational abilities.

**PROFESSIONAL EXPERIENCE**



**Working as Operations & Development Engineer at MOSER BAER PHOTO VOLTAIC LTD GREATER NOIDA from February' 2011 to till now**

* Have in-depth understanding of solar module manufacturing process and its electrical characterizations.
* Have in-depth knowledge of solar cell, wafers & crystal growth process.
* Have experience in **Sun Simulator Machine** **(Solar Simulator)** breakdown troubleshooting. This time I am seeing four different Solar Simulators at Moser Baer Photovoltaic Ltd. **PASAN, NISHINBO, SOHO, & BOOST SOLAR.**

**Expertise in-** Software troubleshooting for any breakdown, Knows installation of software’s of all the above sun simulators machines, Recipes preparation, Class A condition management, Xenon Lamp age monitoring, Flash power management, Electronic load setting, Temperature sensor performance, Hi-pot tester setting, Uniformity testing, Temporal instability test, managing the electrical data for RFID, IV graph setting, Back Label designing and loading in Bartender and Argox designer printer.

* Have experience in **Electronics Luminescence Tester Machine (EL Tester)** troubleshooting,

**Expertise in**- CCD Cameras position setting, Recipes preparation, Cell Crack detection specs, Image shifting management and to solve the software related problems.

Currently I am seeing **Nisshinbo EL machine** at Moser Baer.

* Have experience in testing and analysis of solar panels for various tests like- Hi-pot (High potential) test, Hot spot in solar panel, solar simulator, EL (electronics luminescence test), and Dark voltage.
* To work as team member in all the new trials led by process engineering or product development on Photo Voltaic modules to improve the efficiency & quality of PV modules.
* Have experience in root cause analysis for any defect, customer complain or work nonconformances.
* Responsibility of all the audits related work of the department and have experience of audits like IEC, ISO, TUV, CE, JET and UL.
* Responsibility of all the ISO related work of the department & shift management of 300 peoples.
* Leading the technical training & development division of Moser Baer Photo Voltaic Ltd.
* Worked as team leader for **RFID** system implementation in the PV modules at Moser Baer Solar 2013.
* Certified IMS internal auditor of Moser Baer Photo Voltaic Ltd.
* I was the team member of project team for installation of **50 MW** Nisshinbo module line at Moser Baer, I am taking care of the **Solar Simulator** and **Electronics Luminescence Tester Machine.**
* Worked as team leader in CCTV camera installation project in Module line.
* Have experience in solving networking related problems.

**Projects at Moser Baer Photo Voltaic Ltd**

* Working on project to reduce the cell cracks during manufacturing of solar modules, significance of this project is to save the rejections at line. Team size of this project is six.
* Working on project to reduce the optical loss in Photovoltaic module, significance of this project is to reduce the conversion loss.

Team size of this project is five.

* Green belt project team member of “ E grade reduction of photo voltaic module”

**PREVIOUS EXPERIENCE**



**Done class room training and OJT on telecom projects at RT Outsourcing Private Ltd.** (June 2009 to May-2010).

* Involved in integration of BTS sites, Call Testing and Alarm Testing of the site.
* Commissioning of 2G and 3G BTS.
* Installation and Commissioning of Marconi OMS (Optical Multi Service).
* Installation and Commissioning of Traffic Node (Access Module Magazine).

**PROFESSIONAL AND EDUCATIONAL DEVELOPMENT**



**Qualification**

**Professional Qualification**

Bachelor of Technology in Electronics & Communication Engineering(2005-09) - (70%)

IIMT College of Engineering Greater Noida, Uttar Pradesh Technical University, Lucknow, UP

**Educational Qualification**

Intermediate Examination - (70%) B.I.E.C, Patna, Bihar

High School Examination - (54%) Cambridge School Ranchi Jharkhand C.B.S.E

**ACADEMIC PROJECT, CERTIFICATION, TRAINING**



**Academic project**

**Mobile Controlled Robot-** This project is designed to improve the control of a robot with the help of DTMF signaling by using the mobile phone. Component used : AT89S52, DTMF Decoder, Switching diode, Transistor, Diode, Resister, Relay, Capacitor. **Team size: Two**

**Certificate Course on VHDL Design**

* Institute **:** Ambition Technology New Delhi (June 2008 to August 2008)

**Training done related to Six Sigma Project at Moser Baer**

* Attended a training program of Dr. CV Kanan on wafer manufacturing process & crystal growth techniques at Moser Baer.
* Yellow belt training.
* Advanced yellow belt training.
* Green belt six sigma project team member training.
* FMEA (Failure mode effect and analysis)

**Academic Summer Training**

* Eight weeks training in **Wireless Section** **3G & GSM Core Switch Center** **at** **MTNL (TRAI**) India’s first 3G MSC.

**Computer Skills**

* Electronics CAD, VHDL, Basic C, Microsoft Excel ,Power Point

**EXTRACURRICULAM ACTIVITIES & ACHIEVEMENTS**



**Extracurricular activities**

* Academics representative for my class (B-Tech).2005-09,
* Head Placement coordinator of B-Tech at college level.2007-09,
* Cricket captain in my college and school,
* House captain of my School.1999-2001.

**Achievement**

* Got OTS awards at **Moser Baer Photo Voltaic Ltd** for solving problem related to sun simulator June’11,January’13 & February’14
* Got excellent rating in appraisal cycle 2012-13 at **Moser Baer Photo Voltaic Ltd.**
* Received scholarship of Rs.5000 for Academics performance in (B-tech) 2008
* Received scholarship of Rs.15000 for Academics performance in (B-tech) 2006
* Got Rs2000 cash prize for Micro controller based visitor counter project at IIMT Meerut

(B-Tech) 2008

* Highest marks getter in 12th from Sheikhpura District Bihar 2003.
* Highest marks getter in all the semester of B.Tech at IIMT.

**PERSONAL DETAIL**



* Gender Male
* Nationality Indian
* Marital Status Single
* Date of birth 02nd Feb 1986
* Fathers Name Md.Neyaz Ahmed
* Proficiency in Language English and Hindi
* Hobbies Playing Cricket, Listening music
* Strengths Efficient and effective in getting work done within deadlines
* Passport status Present, Passport No.**G9044268**
* Permanent address Meerghyas Chak , Barbigha, Dist- Nalanda,Bihar- 811101

**Declaration**

I hereby declare that the information provided here are correct to the best of my knowledge.

Place : **Modasser Niyaz**

Date :