**RESUME**

**SURYADEEPTA DASH**

**Sr.Engineer E&I OMPL(RASMI GROUPS)**

(**M.TECH IN ELECTRONICS AND COMMUNICATION)**

**(B.TECH IN ELECTRONICS AND INSTRUMENTATION)**

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| **Personal Data:**  Father’s Name :JaharJanardan Dash  Mother’s Name :BarijaManjari Dash  Date of Birth :**01.07.1988**  Gender :Male  Nationality :Indian Marital Status : Married **Present Address:**  SHREE BHOOMI,  PLOT NO-334/1355,  MEGHADAMBARU,  BALASORE,ODISHA,756001  **Permanent Address:**  SHREE BHOOMI,  PLOT NO-334/1355,  MEGHADAMBARU,  BALASORE,ODISHA,756001  **Contact Numbers:**  ***Mobile:***  **+91 *9437891049,(WhatsApp)***  ***+91-9658803956.***  ***Passport no- J1438718***  **Email ID:**  [***suryadeepta112@gmail.com***](mailto:samarendra.1264@gmail.com)  **Language Known:**  English,Hindi,Odia | **Objective:**  **Sr.** **Engineer in ELECTRICAL AND INSTRUMENTATION 2X650 and 2X900 TPD DRI PROJECTS under RASHMI GROUPS.**  Seeking a job with challenging environment that encourages learning and creativity, provides exposure to new ideas and stimulates personals and professionals growth. And to be part of the professionally managed power industry, this can explore my technical knowledge and skills for the development of the organization.  **Experience**   * **Sr. Engineer Project E&I, OMPL, RASHMI GROUPS (DEC 2020 to present).** * **Asst. Engineer C&I, JITPL Site, at Chennai Radha Engineering Works (P) Ltd. (Jan 2017 to Dec 2020).** * **Sr. Lecturer, Nilachal Polytechnic, Bhubaneswar,**   **(March 2012 to Dec 2016).**   * **Asst. Service manager, Jetage Garage Equipments, New Delhi, (October 2009 to July 2010).**   **Educational Profile**  Degree : **M.Tech in ELECTRONICS AND COMMUNICATION**  Institution : Narula Institute of Technology  University : West Bengal University of Technology, Kolkata  Batch : **2010 – 2012**  Result : **CGPA – 9.28**  Degree : **B.Tech in ELECTRONICS AND INSTRUMENTATION**  Institution : Balasore College of Engineering and Technology  University : Biju Patnaik University of Technology, ODISHA  Batch : **2005 – 2009**  Result : **CGPA – 6.45**  Course : **Intermediate Science (PCBM)**  Per. of Marks : **60.9%**  Result : **FIRST DIVISION**.  Board : Council of Higher secondary Education, ODISHA  Year Of  Completion :**2005**  Course :**H.S.C**  Per. of Marks :  **69 %**  Result :**FIRST DIVISION**  Institution : Balasore Zilla School, Balasore, ODISHA  Board : Board of Secondary Education, ODISHA  Year Of  Completion :**2003** |

**PRESENT job Description:**

* To provide leadership to the maintenance team (Instrument & Control) in the day to day maintenance activities.
* To develop, supervise and co-ordinate plant maintenance activities.
* To plan and inspect completed work on plant equipment.
* To promote development and succession management in Instrument & Control Section.
* To train the subordinates on preventive and corrective maintenance.
* To communicate effectively with managers, peers and team fellows, both verbally and in writing.
* Preparation and discuss monthly performance report with client.
* Preparation of DPR, DAILY REPORT’S,MONTHLY REPORTS,RCA,MONTHLY CLIENT BILL,SPARE REPORT’S etc.
* To execute work order through CMMS and co-ordinate with I&C Team for job completion and technical matters.
* To assist Maintenance Manager in planning and scheduling outage works with due regard to annual scheduled maintenance plan.
* To assess plant needs for spare parts & supplies and generate material requisitions.
* To co-ordinate with Stores and Procurement for inventory management.
* To control plant inventory via CMMS system (MIS).
* To acquire full knowledge of EHS policies & procedures and ensures compliance.
* To evaluate, plan and actively participate in plant housekeeping.
* To assist and co-ordinate with EHS Manager/Supervisor on all EHS activities including. Implementation of policies/procedures, inspections and audits.
* To ensure compliance in all areas of Health, Safety and Environmental programs and procedures as applicable to the maintenance activities.
* To develop training schedules/plans for Engineers and technicians in I&C section.
* To control all maintenance documents as outlined on the site Master List of Controlled Documents.
* To assign preventive and corrective maintenance jobs to maintenance technicians as per the direction of Maintenance Manager.
* To lead the set up and operation of site CONTROL ROOM.
* Ability to Understand different types of Electrical drawings & handle VFD’s, Weigh feeder, Belt Weigher & MCC feeder
* Working with SCHNEIDER (M580), HONEYWELL PLC (ML200R), Siemens S7-300 and can also handle the control room independently.
* Basic hands on ladder logic programming with SCHNEIDER,HONEYWELL, SIEMENS AND ALLEN BRADLEY.
* Experience in handling different types of field equipments RELAY,CONTACTORS, Sensors, Limit switches, temperature sensors (RTD, BTD,THERMOCOUPLE), SOVs, Proximity Sensors, Pressure Transmitters, Pressure switches, temperature switches, ZSS, BSS, PCS, Vibration sensors, load cells, Directional Valves etc.
* Ability to Calibrate different instruments by HART & good hand on experience in MASIBUS U12.
* Basic hard ware trouble shooting knowledge in SCADA & DCS.
* Preparation of preventive maintenance schedule & checklists.
* Experience in calibrating and handling load cells.
* Taking leading role for installation of DFDS SYSTEM, CBS SYSTEM in CHP location.
* Taking leading role for erection ofUPS (2X10 KVA**)** & Battery Bank (2.2VDC X 120 no’s).
* Any other job assigned by management.

**Professional Summary**

* **Successfully completed “Radiation safety aspects of Nucleonic Gauges” a training course conducted by Radiological physics &advisory Division, BHABHA ATOMIC RESEARCH CENTER (BARC), MUMBAI.**
* **Got appreciation award for the Installation of CBS in conveyors.**
* Achieved **Gold medal** as a university topper in **M.Tech** in the year 2012.
* Ability to teach the technical subjects like **Microprocessor, Digital Electronics, Power Electronics, Circuit Theory**, **Microcontroller and Embedded system, Digital Signal Processing, Satellite communication and VLSI**. Also ability to teach CBSE AND CHSE **physics** for 11th and 12th standard.
* Ability to handle **PLC** and different types of **electronics equipments and troubleshoot** it.
* Easily handle the update technical software like **HFSS, P SPICE, and MAT LAB.**
* **Successfully Handled 6 numbers of projects as a project guide**.
* Ability to manage any administrative problem both inside and outside the organization related to employee’s problem and agitation activities.
* Ability to handle Examination related work for both internal and semester. (As in charge conducting 6 semesters and 24 internal examinations).
* Work smoothly under different situations.
* Strong Interpersonal and Communication Skills.

**Published Papers**

* In M.TECH 3rd semester I had successfully completed with a project paper on “VLSI DESIGNING AND DEVICE MODELLING” **(Thermal Noise modeling of DGMOSFET using SiO2 -Al2O3 ,SiO2-Si3N4 as oxide And comparative analysis) which is published by IEEE-2011 international conference(ICCIA-2011).paper id-77,ISBN:978-1-4577-1915-8.**
* In M.TECH 4th semester I had successfully completed with a project paper on “VLSI DESIGNING AND DEVICE MODELLING”( **Thermal Noise Analysis of a Double Gate MOSFET Using Si and GaAs Substrate with Various Oxide Layers**) **which is published in International journal of research and reviews in computer science(IJRRCS).Vol-3 No-3(June -2012) ISSN – 2079 2557.**

**Abstract of my work :—**

The most promising device in the nano scale range are based on multiple gate structures such as double- gate (DG) MOSFETs. These devices could be used for high frequency applications due to the significant increase of the transition frequency (fT) for these devices. For low noise radiofrequency applications, high frequency noise models are required. In this paper, compact channel noise models valid in all regions of operation for Double Gate (DG) MOSFETs have been developed and experimentally verified. Our compact channel noise model of a DG MOSFET includes the physics based expressions for thermal noise. Using this model the DG MOSFET noise performances are studied.

**Soft Skills**

* Programming Skill- PLC Ladder Logic Programming.
* Operating System- Windows (2000, 2007, XP 2), vista.
* Software skill-MS-office03,07,MS-DOS

**Training:**

***A.TRAINING***

* Three months training on automation engineering (**PLC, SCADA, Process control instrumentation**) in Institute of Automation and Technology (**IAT**) Kolkata.

**B. Minor Project - 1**

**Plant Experience**

* One month summer training in IMFA, CHOUDUAR, CUTTACK on “CHARGE CHROME AND POWER PLANT”.

**B. Minor Project - 2**

* One month summer training in PXE, BALASORE on “RANGE INSTRUMENT”.

**Projects under taken**

***CELL PHONE OPERATED LAND ROVER:***

* In B.TECH I had successfully completed a project on “**CELL PHONE OPERATED LAND ROVER**”.

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| **Strength** |

Hard working, Positive attitude, Loyal, Ability to Motive others, Fast learner & Self confidence.

**Declaration**

I hereby declare that all the data and information provided above are true and correct to the best of my knowledge and I hold responsible myself for any irregularities if found.

Yours faithfully,

**Date:**

**Place: Balasore (SuryadeeptaDash)**