

# Curriculum Vitae OF Nayan Chandra Shil

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## Job Objective

Intend to work in an organization that contributes significantly to life and gives responsibilities that not only challenge but also allow freedom and growth of personal potential. Getting regular exposure to develop myself as an efficient and successful personnel.

## Professional Experience

### Assistant Maintenance Engineer (Maintenance Dept.)

TIC Manufacturing (Bangladesh) LTD. (Pact Group)

Sonargaon, Narayanganj.

From July 21 to Continue.

### Responsibilities:

- ❖ Maintenance & Troubleshooting of different faults in a fully automated running Plastic Injection Molding machine.
- ❖ Maintenance & Troubleshooting of VCB (2000kVA/400V), ACB (400V), Transformer (400kVA/400V), and PFI panel.
- ❖ Manage monthly requisition for running machine and full plant.
- ❖ Maintenance & Troubleshooting ABB Drive, Modrol drive, XC series PLC.
- ❖ Draw and Design Electrical and Electronics Circuits and single line diagrams.
- ❖ Planning regular maintenance worksheets and completing them as soon as possible.
- ❖ Maintenance and repair of all kinds of electronic devices like machines and AC drive cards.

## **Assistant Engineer (Electrical & Electronics Dept.)**

Meghna Pulp & Paper Mills Ltd.

Meghna Group of Industries.

Sonargaon, Narayanganj.

From June 2017 to June 2021.

### Responsibilities:

- ❖ Fully completed of Erection and installation & commission of **Paper Machine** along with the expert of EPC.
- ❖ Maintenance & Troubleshooting of different faults in a fully automated running paper machine.
- ❖ Maintenance & Troubleshooting of VCB (11kV), ACB (400V), Transformer (11kV/400V, 11kV/500V), PFI panel.
- ❖ Draw and Design Electrical and Electronics Circuits and single line diagram.
- ❖ Maintenance & Troubleshooting of ABB drive ACS880 & ACS550 for Paper Re-winder Section.
- ❖ Installation, commissioning, interlocking & synchronizing of ABB drive ACS800 & DCS800 with ABB India expert.
- ❖ Sound familiarity with industrial automation: PLC, DCS, SCADA, HMI.
- ❖ Maintenance & Troubleshooting of VFDs: Danfoss Series, Siemens Micro master 440, Mitsubishi Series, Shihlin, Schneider ATV312, Kinco and Soft Starters: Siemens 3RW44, ABB PSTX 1250.
- ❖ AC Motor Control: DOL, Star-Delta, Reverse-Forward control circuits.

## **Educational Qualifications**

### **Bachelor of Science**

Electrical and Electronics Engineering

American International University Bangladesh (AIUB)

2016

CGPA:2.76/4

### **Higher Secondary Certificate**

Board of Intermediate Secondary Education, Cumilla.

Noakhali Govt. College, Noakhali.

Science.

2012

GPA: 3.4/5

### **Secondary School Certificate**

Board of Intermediate Secondary Education, Cumilla.

2010

GPA: 4.44/5

Noakhali Zilla School, Noakhali.

Science.

### Training Programs and Workshops

“PSIM Simulation Tools” ESAB AIUB Unit face	28 <sup>th</sup> January 2016
“Electrical Wiring Designing For Buildings” IEEE AIUB Student Branch	28 <sup>th</sup> August, 2016

### Skills

**Professional Skills:** Semi- professional work on ACS880, ACS550, ACS800, DCS800 ABB Drive. Works on the hardware section and repairs different types of electronics modules like Honeywell, ABB etc.

**Computer Skills:** AutoCAD 2D (Building wearing design, Single line diagram), 3D design, Automation Programming (C series), Pspice, Eagle (Circuit and PCB designing), MULTISIM, PROTEUS (Circuit and PCB designing), MATLAB (Simulink), MICROWIND, good knowledge of Microsoft Word, Excel and PowerPoint and also familiar with C and C++ programming.

**Personal Skills:** Near about 5 years I have developed my skill set directly relevant to the engineer role including facilities engineering and field performance with honesty. Work well under pressure. Enough polite, respectful and courteous manners. I am a hard worker and a highly confident person. I have experience working on Industrial motors, drives and various electrical devices which are directly connected with Paper machines and Plastic Injection Molding machines. I have also experience on electronics devices like mobile, motor drives, HMI hardware and software section in real life. I do it as a hobby. I feel very interested in research on electronics devices.

**Language Skills:** Good communication skill in Bengali and English both written and verbal.

### Relevant Projects Work (Undergraduate Level)

PIC frequency change touch button.

BCD counter seven segment display.

Emergency Fire Alarm protection.

## Academic Project (Undergraduate Level)

“Single phase transformer less grid tie inverter for rooftop PV application.”

## Research Experience (Undergraduate Level)

During B.Sc. (Engineering) has 8 month research experience on “**Automatic detection of retinal features for screening of diabetic retinopathy using image processing techniques.**”

Supervised by- Tajbia Karim, Assistant Professor, Department of Electrical & Electronics Engineering, American international University Bangladesh.

## Activities and Leadership

Organizer & Logistic Volunteer (2016-2017) IEEE AIUB Student Branch.

- Planned engineering outreach events
- Worked as an organizer at AIUB Engineering Jubilation 2016.

## Personal Information

Father : Priya lal Shil  
Mother : Minu Rani Shil  
Date of Birth : March 22, 1993  
Nationality : Bangladeshi  
Marital Status : Married  
Religion : Sanatan  
Sex : Male  
Blood Group : B+  
Mailing Address : Ka-32/6, Progoti Sharani, Shahjadpur, Dhaka-1212.  
Home District : Noakhali.

## References

- **Suman Chandra Bhowmik FCA**  
Corporate accounts (Senior DGM)  
Meghna Group of Industry.  
House- Fresh Villa  
Gulshan-2, Dhaka-1212.  
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➤ **Ekhlās Uddin**

Electrical and Electronics Department DGM.  
(USML and Pulp and paper) Meghna Group of Industry.  
Contract no: +8801719528816

**Declaration**

I declare that the information supplied by me on these curriculum vitae is complete, true and correct in every particular. I acknowledge that the authority may terminate the job if I have misrepresented my past and/or present circumstances and that this termination may take place at any stage during my candidature.

**Signature**



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Nayan Chandra Shil