

Amit Chand Mandal

Electronics & Communication Engineer

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Address: Kupondole, Lalitpur-Nepal



CAREER OBJECTIVE

To pursue a challenging career and be a part of a progressive organization that gives scope to enhance my knowledge and skills of core engineering, project designing and management skill which can be better used for the organizational growth as well as personal growth.

WORKING EXPERIENCE:

1). Worked as Telecom Engineer in Shuvash Construction Nepal Co.Pvt.Ltd from 1st Dec, 2018 to 25th Dec, 2018.

Major Responsibilities:

- Operation & Maintenance, installation & commissioning of transmission equipment's like IDU
- Operation & maintenance, installation of GSM antenna 2G & 3G.
- Operation & maintenance, installation of RSU & RRU.
- Installation, Commissioning, and Alignment of Microwave antenna.
- Co-ordination with zonal projects team, RF planning team and the transmission team for effective execution.
- Maintenance of (2G+3G) cell sites, active alarm clearance & visibility.
- Transmission equipment's like PDH IDU Optix RTN-910, Optix RTN-905
- Operation & Maintenance, installation & commissioning of Solar Site.
- Responsible for supervising the installation team during site installation.
- Maintenance of all solar sites in my region and timely response to increase the efficiency at inevitable situation.

2). Worked as Survey Engineer in China Comservice from 19th Feb to 19th May

Major Responsibilities:

- Prepared site audit report, list of equipment's (LEQ'S) and survey reports which include taking pictures and measurements of antenna mechanical tilts, antenna/tower height, 1st, 2nd, 3rd sector antenna azimuth panorama view.
- Checking the grounding of the Equipment.
- Checking the power connection
- Power ON the BTS and check the status of all TRX.
- Testing of Battery bank and Power plant at various BTS sites.
- Operation and maintenance DG set, Battery bank, SMPS, Servo stabilizers on cell sites
- Fault related to Power Plant, AC Energy related parts and DG.

EDUCATION:

Course Name	University/Board	Intuitions/College	Completion Year (AD)	percentage
B.E.	TU, Institute of Engineering	Thapathali Campus, Thapathali, KTM	2018	67%
Intermediate (I. Sc.)	HSEB	Kanchanjungh H.S.S	2014	78%
SLC	NG(Nepal Government)	Mount Makalu Boarding English School	2012	81.25%

TRAININGS/CERTIFICATES:

- February, 2019 (2 Days) 2G,3G Training of **TSSR** at **Nepal Telecom** conducted by China comservice(CCS)
- **2 days** training for the installation and functioning of Microwave antenna and Broadcasting in Radio Nepal at Singhdarbar.
- Attended in Seven days **Educational field visited** for the observation of different industries and place in Pokhara.
- **Field visited** in Dudhkoshi hydropower in Nepal.
- **Two days Educational field visited** for the observation of Control Mechanism of **MANAKAMNA CABLE CAR**, and different industries and place in Pokhara, Nepal.
- Participated in Workshop on “Electronics and Programming Workshop” held in TU IOE Thapathali campus on 20th Dec, 2015.

PROJECT UNDERTAKEN:

Major project:

Design and implementation of network monitoring system using AAA and SNMP server: It is two server based system that helps network administrator to monitor availability, reliability and performance of IT services.

Minor Project:

Laser based communication system: Using basic principle of energy conversion, sound energy is first amplified using LM386, at transmitter end and then this energy is converted into light energy using LED. At receiver end reverse process to that of transmitter end is done to get audio output.

Mini Project:

Power regulator: 12 volt dc power supply using LM317.

STRENGTHS:

- Honest, Sincere and work with the positive attitude to contribute the healthy functioning of organization.
- Willingness to learn new things.
- Adjustable to almost every atmosphere and Team working capability.
- Compatible with co-workers and Work Under pressure.

PERSONAL DETAILS:

Name: Amit Chand Mandal

DOB : 06-02-1996

Father Name: Shivanand Mandal

Nationality: Nepali.

Marital Status: Single

Language: English, Hindi, Nepali & Maithali.

COMPUTER COMPETENCIES:

1. **Platform:** Windows 7 & Windows 8, Windows 8.1, Windows 10.
2. **Application program:** Microsoft Office (Word, Excel, Power Point), Adobe Acrobat.
3. **Languages:** C, C++. and Basic knowledge of C.C.N.A .
4. **Comp. Hardware & Troubleshooting:** Computer Hardware, Assembling and Troubleshooting
5. Basics knowledge of computer networking
6. Installation and monitoring of printers, Xerox, scanners, fax machine and other electronics application. Assist with end users system update, spyware removal and testing virus, checking ensuring backup of data and files, etc.

REFERENCES:

Er.Keshav Shukla (CCS)

Cell No: - +977-9849070795

Er. Roushan Kumar Pandit (Nepal Telecom)

Cell No: - +977-9851080643

DECLARATION:

I hereby declare that all the details mentioned above are my own and are true to the best of my Knowledge and belief.



Amit chand Mandal