

COLLEGE OF SCIENCE AND TECHNOLOGY RINCHENDING – PHUENTSHOLING

STUDENT'S WEEKLY DIARY FOR “ON THE JOB TRAINING”

(This report is to be submitted to Department at the end of OJT attachment)

DAILY DIARY FOR WEEK I (20/12/23 - 22/12/23)

Name of Student:- Tenzin wangchuk

Roll No. : 02180090

Trade: BE IT

Address during OJT: Town,

Name of Organization: Bhutan Telecom Limited _

Name/Type of Work Carried Out During the Week:- Assembling and Disassembling of Antenna and RRU

Name of immediate Officer : _____

Designation:- _____

Day & Date	Time of Going to Work	Time of Leaving	Hours Spent on the day	Describe the type of work you have carried out.
11/12/2023 Monday	9:00 a.m.	5:00 p.m.	8 Hours	<u>Field Work -Assembling Antenna</u> <ul style="list-style-type: none"> In theoretical knowledge antenna needs to cover a 180 degree, however in real field it is an Idel case. Antenna have been assembled and installed on the cell tower at the heart of Paro town Detailing about how the jumper cable are being connected to the RRU and antenna have been explored What jumper cable needs to be connected to the RRU and ports on the antenna.
12/12/2023 Tuesday	9:00 a.m.	5:00 p.m.	8 Hours	<u>Field Work -Exploration of Antenna details</u> <ul style="list-style-type: none"> New antenna has been arrived to replace the current antenna for the testing phase Explored the details of current antenna which only supports two technologies. This antenna is in the phase of replacement Explored the difference between the current antenna and new antenna Reasons behind the replacement of the old antenna
13/12/2023 Wednesday	9:00 a.m.	5:00 p.m.	8 Hours	<u>Field Work –Replacement of Nokia RRU which is having certain limitation</u> <ul style="list-style-type: none"> The current RRU has been replaced by a new RRU(Nokia) which is giving some trouble, and it is being replaced with current

				RRU. <ul style="list-style-type: none"> The RRU installation needs removal of jumper cable and reinstalment of jumper cable to RRU and antenna
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14/12/2023 Thursday	9:00 a.m.	5:00 p.m.	8 Hours	Field work- <u>Tested the new antenna</u> <ul style="list-style-type: none"> The new antenna which is to replace the old antenna have been tested Assembled the new antenna and installed on the cell tower The new antenna is giving issue while propagating the signal which have been fixed in the time being
15/12/2023 Friday	9:00 a.m.	5:00 p.m.	8 Hours	Field work- Pulling fiber cable and installing pole <ul style="list-style-type: none"> Customer outside the range of fiber cable wants to purchase lease line Pulled the cable pole to pole so that user can avail the lease line service The pole has been fixed and cables are fixed to it.

1. I hereby certify that the above entries made are correct to the best of my knowledge

Tenzin wangchuk

(Name and Signature of student)

2. Certified that the information furnished is correct and has been verified by me.

(Signature of the Immediate Supervisor)
Seal of the Organization