

Short Term Courses – NIELIT
Certificate Course in Mobile Repair and Maintenance

Objective of the Course:

The Course has been designed to provide knowledge on Mobile Repair & Maintenance.

Learning Outcomes:

The Students shall be able to Repair Mobile hand sets

Expected Job Roles:

Mobile Service Technician

Duration of the Course (in hours) 80 hrs

Appr. Fees (INR): Rs. 4000/-

Minimum Eligibility Criteria and pre-requisites, if any 10th Standard

Outline of Course

S. No	Topic	Minimum No. of Hours
A.	Electronic Section	
1.	Introduction to Tools	2 hrs
2.	Basic electronics	4 hrs
3.	Soldering and desoldering components	2 hrs
4.	Basic components of mobile phone	2 hrs
5.	Mobile disassembling	2 hrs
6.	Battery and charger	2 hrs
7.	Relationship between hardware and software	3 hrs
B.	Software Section	
1.	Introduction	1 hrs
2.	Computer Organization	3 hrs
3.	Operation system	2 hrs
4.	Data Communication and Computer Network	4 hrs
5.	Software Flashing	3 hrs
Theory / Lecture Hours:		30 hrs
Practical / Tutorial / Lecture Hours:		50 hrs
Total Hours:		80 hrs

N.B Duration of 1 Class is 1.5 hours.

Books recommended for reference and reading:

1. Mobile Phone Total Hardware Solution – Institute Edition, Publishers: GT Publications
2. Mobile Phone Total Software Solution – Publishers: Merut Publications

Group Code: HRMT

Group Name: Hardware Repair & maintenance

Course Code: CT04

Course Name: Certificate Course in Mobile Repair and Maintenance