

Syllabus for Certificate course

Paper Code: PHY-

Mobile Phone repairing

2020-21 (Batch II)

Course Duration: 30 Hours (Th. 20 hrs+ Pract. 10 hrs.)

Course outcome:

After completing the course the students will get advance practical knowledge for mobile repairing. It is a high return beneficial course with some knowledge and assistance. One can begin own institute or service centre. This course helps to repair any problems of a smartphone, mobiles of any kind etc. This course may be helpful for reduce E-waste in the environment.

Syllabus

Unit 1: Theory (20 Lectures)

- * Introduction to mobile phone structure
- * Frequency and channels
- * Chip level soldering and de-soldering
- * Overview of electrical components and advance tools
- * Know about backup and store related problems
- * GPRS, Bluetooth related problem etc.
- * I-phone technologies
- * Assembling and de-assembling of mobile phone

Unit 2: Practical (10 Lectures)

- * Soldering of given components
- * Software update and restore
- * Assembling and de-assembling of mobile phone

Reference Books:

- * Advance Mobile repairing- S. Pandit

Syllabus committee

- * Mrs. Kobita Sarmah
- * Mr. N.I. Ali Ahmed
- * Mr. Babul Talukdar
- * Ms. Arunima Bora

Course Instructor: Mrs. Kobita Sarmah

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