

Advance Diploma in Mobile Repairing and Maintenance (ADMIRM)

Duration: 1 Year (2 Semesters)**

Semester – I

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	ADMIRM101	1ADMIRM1	Fundamentals of Electronics & Mobile Communication
2	ADMIRM102	1ADMIRM2	Mobile Hardware Components & Circuit Analysis
3	ADMIRM103	1ADMIRM3	Basic Troubleshooting & Soldering Techniques
4	ADMIRM104	1ADMIRM4	Software Installation & Flashing Methods

Course Details (Semester – I)

- **Fundamentals of Electronics & Mobile Communication** – Understanding GSM, CDMA, LTE networks and electronic basics.
 - **Mobile Hardware Components & Circuit Analysis** – Study of mobile PCB, resistors, capacitors, diodes, ICs, and sensors.
 - **Basic Troubleshooting & Soldering Techniques** – Identification of faults, use of multimeter, and soldering/desoldering skills.
 - **Software Installation & Flashing Methods** – Android/iOS flashing, rooting, formatting, and unlocking methods.
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Semester – II

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	ADMIRM201	2ADMIRM1	Advanced Mobile Hardware & Chip-Level Repairing
2	ADMIRM202	2ADMIRM2	Mobile Software Servicing & Data Recovery
3	ADMIRM203	2ADMIRM3	Maintenance of Smart Devices & Tablets
4	ADMIRM204	2ADMIRM4	Project Work / Practical Workshop

Course Details (Semester – II)

- **Advanced Mobile Hardware & Chip-Level Repairing** – BGA IC replacement, jumper techniques, and short-circuit repair.
- **Mobile Software Servicing & Data Recovery** – IMEI repair, firmware upgrade, and deleted data recovery.
- **Maintenance of Smart Devices & Tablets** – Servicing of Android, iPhone, and tablet devices.
- **Project Work / Practical Workshop** – Real-time repair cases, project presentation, and viva.