



Sarva Vidyalaya Kelavani Mandal, Kadi managed
Pramukh Swami Science and H. D. Patel Arts College, Kadi

College with Potential for Excellence (CPE) Awarded by UGC
AAA Rank 1-Awarded by Government of Gujarat
NAAC Accredited: Grade A (CGPA 3.20)



[3 Month Duration]

Repair & Maintenance of Home Appliances

Co-ordinator Information

[Patel Nileshkumar Amrutbhai]
Course Co-ordinator,
Head (CCTV Surveillance - SVKM)
[I.T.I in Mechanic Radio & TV]

Department of Textile and
Ginning Technology
[Pramukh Swami Science & H.D.
Patel Arts College, Kadi]

General Information

Description

To teach the students interested in technical field through this field, the repairs of electrical and electronics items used in Home App use.

Entry Level

Std. 8 Pass and above

Course Materials

Theory and Practical Book.

Practical Materials

Through the theoretical and practical sessions of everything held in the workshop.

Course Schedule

Month	Topic	Duration
1 st Month	Electronics & Electrical Safety	3 Hours
(Introduction	Electronics & Electrical Symbols	3 Hours
About Electrics &	Use of Multi Meter	3 Hours
Electronics)	Electronics Component	3 Hours
	Electronics Power Supply	5 Hours
	Electronics & Electrical Tools	5 Hours

Month	Topic	Duration
	Different Types of Wire & Joints	6 Hours
	Series & Parallel Connection (Wiring)	18 Hours
	Different Types of Earthing	6 Hours
2 nd Month	Ceiling Fan Construction, Defects and Prevention	5 Hours
(Repair and	Tube light Construction, Defects and Prevention	5 Hours
Maintenance of	Electrical Iron Construction, Defects and Prevention	5 Hours
Home Appliances -I)	Mixture Grinder Construction, Defects and Prevention	7 Hours
	Portable Hand Blender Construction, Defects and Prevention	7 Hours
	Water Heater Construction, Defects and Prevention	3 Hours
	Water Geyser Construction, Defects and Prevention	3 Hours
	LCD & LED Construction, Defects and Prevention	15 Hours
	Refrigeration Construction, Defects and Prevention	18 Hours
	Flour Mill Construction, Defects and Prevention	8 Hours
3 rd Month	Washing Machine Construction, Defects and Prevention	8 Hours
(Repair and	Microwave Oven Construction, Defects and Prevention	8 Hours
Maintenance of	Electrical Motor Construction, Defects and Prevention	5 Hours
Home Appliances -II)	Air Conditioner Construction, Defects and Prevention	15 Hours
	Computer Assembling, Defects and Prevention	15 Hours
	Satellite Dish TV Assembling, Defects and Prevention	3 Hours
	Laser Printer Cartages Refilling	3 Hours
	Mobile Phone Working, Defects and Prevention	15 Hours
	Different Types LED Light Manufacturing, Defects and Prevention	8 Hours

Exam Schedule

Month	Subject	Marks
1 Month	Introduction About Electrics & Electronics	100
2 Month	Repair and Maintenance of Home Appliances-I	100
3 Month	Repair and Maintenance of Home Appliances-II	100

Miles

D. Kalathiyar
 Head of Department
 Textile & Ginning Technology
 Bachelor of Vocation (B.Voc),
 PSSHDPA KADI

P. S. Science & H. D. Patel
 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)