



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)



Certificate Course in Manufacturing and Repairing of LED Lights
Syllabus

Course Content

Sr. No.	Topic (Theory + Practical)	Duration
1	Introduction of Light Emitting Diode	2 Hours
2	Types of LED (COB & PCB)	4 Hours
3	Identification of different types of LED	5 Hours
4	Types of Solder	2 Hours
5	Pick and Place method	4 Hours
6	Soldering method	4 Hours
7	Identification of different types of AC to DC convertor	5 Hours
8	Assembling & Repairing of Hanging Lights	4 Hours
9	Assembling & Repairing of Street Light	4 Hours
10	Assembling & Repairing of Concealed Light	4 Hours
11	Assembling & Repairing of Tubes Light	4 Hours
12	Testing of different LED Lights	4 Hours
Total		46 Hours



Principal
P. S. Science &
H. D. Patel Arts College
Kadi (N.G.)