



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 Welder cum Fabricator
Syllabus

Course Content

Sr. No.	Topic (Theory + Practical)	Duration
1	Introduction of Machinery & Softly equipment used in Trade	2 Hours
2	Tool and Equipment used in Electrical Welding and Safety	4 Hours
3	Welding joint by Gas with Filer rod on 2 mm thick M.S. Sheet	4 Hours
4	Square Butt joint on 6 mm thick M.P. Flat (DHP)	5 Hours
5	Open (outside) Corner joint on 2 to 3 mm M.S. Sheet	5 Hours
6	Fillet Weld Lap and T Joint on M.S. Flat (6, 10, 12 mm thick)	8 Hours
7	Pipe and Albo Joint on M.S. Pipe	10 Hours
8	Straight and be well gas cutting practice, Hand cutting and M/C cutting on M.S. Plate	6 Hours
9	Brass and Copper Welding	6 Hours
	Total	50 Hours



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