



CIVIL ENGINEERING DEPARTMENT
JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE
SUNDERNAGAR, MANDI (H.P.)

CONCRETE LAB
LAB CODE: JNGEC/CE/CONC

SR NO.	NAME OF THE INSTRUMENT	QUANTITY	PURCHASED UNDER
1	SLUMP TEST APPARATUS	8	TEQIP II
2	COMPACTION FACTOR APPARATUS	2	TEQIP II
3	VICAT APPARATUS	8	TEQIP II
		4	TEQIP III
4	DIGITAL COMPRESSION TESTING MACHINE - 2000 KN	1	TEQIP II
5	ANALOG COMPRESSION TESTING MACHINE - 1000 KN	1	TEQIP II
6	FLEXURE TESTING MACHINE	1	TEQIP II
7	MORTAR MIXER	1	TEQIP II
8	HIGH SPEED STIRRER	1	TEQIP II
9	JAW CRUSHER	1	TEQIP II
10	VIBRATING TABLE	1	TEQIP II
11	CEMENT AUTOCLAVE	1	TEQIP II
12	HEAT OF HYDRATION	1	TEQIP II
13	CURING TANK	1	TEQIP II
14	AIR PERMEABILITY APPARATUS	1	TEQIP II
15	DIGITAL REBOUND HAMMER	1	TEQIP II
		2	TEQIP III
16	ULTRASONIC PULSE VELOCITY TESTER	1	TEQIP II
17	VIBRATION MACHINE	1	TEQIP II
18	CONCRETE MIXER	1	TEQIP II

19	LONGITUDINAL COMPRESSOMETER	1	TEQIP II
20	DRYING SHRINKAGE AND MOISTURE MOVEMENT	1	TEQIP II
21	BULK DENSITY VOIDS AND BULKING	1	TEQIP II
22	DENSITY BASKET	2	TEQIP II
23	CRUSHING VALUE APPARATUS	1	TEQIP II
24	CONCRETE PERMEABILITY APPARATUS	1	TEQIP II
25	VEE-BEE CONSISTOMETER	1	TEQIP II
26	TENSILE STRENGTH TESTING MACHINE	1	TEQIP II
27	CUBE MOULD (150 MM)	12	TEQIP II
		8	TEQIP III
28	CUBE MOULD (50 MM)	9	TEQIP II
29	CUBE MOULD (70.6 MM)	7	TEQIP II
30	BEAM MOULD (150*150*700 MM)	5	TEQIP II
31	BEAM MOULD (100*100*500 MM)	5	TEQIP II
32	CYLINDRICAL MOULD (150*300 MM)	4	TEQIP II
33	SIEVE SET	1	TEQIP II
34	EXTENSIBILITY MOULDS	4	TEQIP II
35	LE – CHATELEIR MOULD	8	TEQIP II
36	LE – CHATELEIR FLASK	4	TEQIP II
37	DIGITAL WEIGHING BALANCE	1	TEQIP III
38	ELECTRIC OVEN	1	TEQIP III
39	COMPRESSOR	1	TEQIP III
40	V-FUNNEL APPARATUS	1	TEQIP III
41	ENAMEL TRAYS	18	TEQIP III
42	UNIVERSAL TESTING MACHINE	1	TEQIP III
43	PAN TYPE CONCRETE MIXER	1	TEQIP III
44	TAMPING RODS	10	TEQIP II
45	GAUGING TROWELS	4	TEQIP II