



Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology,  
Baramati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**Testing & Consultancy Services**

Sr. No.	Name of Material/ System	Name of Testing & Consultancy Services
1	Insulators	Insulation Testing
2	Fuse units	Continuity Testing
3	Cables	Conductivity and Continuity Testing
4	FTL, CFL, LED lights	Wiring and repair works
5	Transformer	Open Circuit and Short Circuit test
6	Transformer	Polarity test on single phase and three phase transformers.
7	D.C. Shunt motor	Performance testing.
8	D.C. series motor.	Load characteristics.
9	D.C. Shunt motor	Hopkinson's test
10	D.C. Shunt motor	Swinburne Test
11	3-phase induction motor	No load & blocked-rotor test
12	3-phase induction motor	Load test
13	3-phase synchronous motor.	Load test
14	Single -phase induction motor.	Load test
15	Single-phase series motor.	Load test
16	Single phase Capacitor-start induction motor	No load and blocked-rotor test
17	Salient pole alternator	Determination of regulation by Slip test
18	Power Analyser	Assessment of electrical parameters for power quality audit.

19	Earth Tester	Testing of earth pits
20	AutoCAD Electrical	Planning for electrification in residential & commercial sector
21	Training course with certification	Training course on motor rewinding.
22	Repairing	Repairing of electrical appliances (Fan, Mixer, Iron Press, and other home appliances)
23	Manufacturing	Electrical extension board, Series lighting.
24	Transformer Oil	Transformer oil breakdown voltage testing.
25	Technical Audits	Energy Audit, Earthing Audit



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