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**Institute for Plasma Research**  
**Plasma Exhibition : List of Exhibits**

No.	Name of the Exhibit	Type of exhibit	Table (1.5x 0.5m)	Power
1	Glow discharge plasma	<a href="#">Working</a>	2	230V / 5A
2	Electrostatic confinement of plasma	<a href="#">Working</a>	1	230V / 5A
3	Plasma Nitriding	<a href="#">Working</a>	1	230V / 5A
4	Jacob's Ladder	<a href="#">Working</a>	1	230V / 5A
5	Plasma jets	<a href="#">Working</a>	1	230V / 5A
6	Plasma Crackle tube	<a href="#">Working</a>	1	230V / 5A
7	Terrella - Earth's magnetic field and charged particles	<a href="#">Working</a>	1	230V / 5A
8	Plasma Globes	<a href="#">Working</a>	1	230V / 5A
9	Plasma torch for medical applications	<a href="#">Working</a>	1	230V / 5A
10	Plasma sterilization unit	<a href="#">Working</a>	1	230V / 5A
11	RF plasma device	<a href="#">Working</a>	1	230V / 5A
12	Plasma textile etching	<a href="#">Working</a>	1	230V / 5A
13	Superconductivity & Meissner effect	<a href="#">Working</a>	1	230V / 5A
14	Plasma ion thruster (principle)	<a href="#">Working</a>	1	230V / 5A
15	Tesla Coil, Corona discharge and EM transmission of power	<a href="#">Working</a>	2	230V / 5A
16	Motion of a charged particle in a perpendicular magnetic field	<a href="#">Working</a>	1	230V / 5A
17	Motion of a charged particle in a sinusoidal magnetic field	<a href="#">Working</a>	1	230V / 5A
18	Eddy Currents	<a href="#">Working</a>	1	N.A.

19	Radiation induced discharge	<a href="#">Working</a>	1	230V / 5A
20	Plasma pyrolysis	<a href="#">Static</a>	2	N.A.
21	Model of a Generic tokamak	<a href="#">Static</a>	2	230V / 5A
22	Plasma Confinement coil of AdityaTokamak	<a href="#">Static</a>	1	N.A.
23	Plasma Confinement coil of SST-1 Tokamak	<a href="#">Static</a>	1	N.A.
24	Plasma facing components of SST-1 Tokamak	<a href="#">Static</a>	1	N.A.
25	ITER Tokamak model	<a href="#">Static</a>	1	N.A.
26	ITER Tokamak parts	<a href="#">Static</a>	1	N.A.
27	Cryo-Pump Model	<a href="#">Static</a>	1	230V / 5A
28	Cryo-Pump application model	<a href="#">Static</a>	1	230V / 5A
29	High Heat Flux Test Facility	<a href="#">Static</a>	2	230V / 5A
30	TokoToy : The toy Tokamak	<a href="#">Static</a>	1	N.A.
31	Helicon Plasma Thruster (Model of laboratory experiment)	<a href="#">Static</a>	1	230V / 5A
32	Virtual Reality Model of SST-1 Tokamak	<a href="#">Interactive</a>	1	WiFi
33	3D Holographic display	3D LED display	0	230V / 5A
34	LED posters (12 nos)	Posters of exhibits	0	230V / 5A
35	49" TVs (2 nos)	Videos	0	230V / 5A
36	Resource Materials (Books, comic, posters)	<a href="#">Materials</a>	1	N.A.

Total Tables required 35

**The final number of exhibits will depend on the availability of the exhibits and the area provided for the exhibits.**