



!सिद्धिर्निश्चयम्!! Estd-June 1962
Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE
of Arts, Science and Commerce, Baramati, 413102
(Autonomous)



•Religious Minority Institute•NAAC Reaccredited 'A+', CGPA 3.55
Email:principal@tccollege.org, principal.tccollege@gmail.com
Website: www.tccollege.org
☎: (02112) 222405, 223635 Fax : (02112) 222728

Specification of Solar Panels at the Rooftop

1. Specification of Solar panel at the rooftop of Administrative building-

Sr. No.	Specifications	Quantity	Capacity
1.	Tata Power Solar Make Model No.- TP255MBZ-H	40 x 250 W	10 KW
2.	MAKE: Tata Power Solar Polycrystalline - 250wP- 320Wp range Solar PV module 10Kwp (Make: Delta Inverter 10KVP)	32	10KW

2. Specification of Solar panel at the rooftop of Library-

Sr. No.	Specifications	Quantity	Capacity
1.	Titan Energy System	04 x 250 W 04 x 100 W 07 x 70 W 01 x 37 W	2KW



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Specification of Solar Heater at Rooftop

1. Solar Heater at Rooftop of Girls Hostel Building-

Sr. No.	Name of Hostel Wing	No. of Units
1.	New Wing	10
2.	A Wing	04
3.	B Wing	04
4.	C Wing	04
5.	D Wing	04

2. Solar Heater at Rooftop of Boys Hostel Building-

Sr. No.	Name of Hostel Wing	No. of Units
1.	Boys Hostel	18



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Use of LED Bulbs/ Power Efficient Equipment

Sr. No.	Location	Equivalent LEDs		Billing Rate
		Total No.	Wattage (Kw)	Per Unit Rs/Kwh
1.	Physics Lab	36	0.05	12.00
2.	Chemistry Lab.	61	0.73	6.79
3.	Adm. Office Bld.	28	0.33	6.79
4.	College Library	218 (18 W)	3.924	6.79
		66 (22 W)	1,452	
		69 (36W)	2.284	
5.	Ladies Hostel-1	129	1.55	9.20
6.	Ladies Hostel-2	7	0.08	9.20
7.	Ladies Hostel-3	4	0.05	9.20
8.	Office Store	14	0.16	9.20
9.	Principal Residence	6	0.07	11.50
10.	Student Rest Room	10	0.12	6.79
11.	Assembly Hall (Jivraj)	1	0.01	6.79
12.	Sci. Workshop	20	0.24	9.20
13.	Gymkhana Build.	4	0.05	6.79
14.	P.G. Build.	4	0.05	6.79
15.	Boys Hostel	250	0.54	11.50
16.	Ladies Rest Room	9	0.1	11.50
17.	Working Women Host.	81	0.97	11.50
18.	Microbiology	12	0.14	6.79
19.	Print. Press	4	0.05	9.20
20.	Comp.Sci.	45	0.54	6.79
21.	New Comp. Lab	32	0.38	11.60
22.	New Micro. Lab	14	0.17	11.60
23.	New Elect. Lab	23	0.27	9.20
24.	New Chem. Lab	13	0.15	/ 9.20
25.	New Ladies Host.	24	0.29	11.50



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Total No. of LED lights Installed in College up to 2022-23

Sr. No.	Particular	Total
1	Tube light	112
2	Tube light LED	533
3	LED light (22 W)	176
4	LED light (15 W)	412
5	CFL	427
6	Tube light LED (36 W)	91
7	HF lamp	22

Total No. of LED lights Installed in College year 2023-24 (Newly added)

Sr. No.	Particular	Total
1.	Tube (LED 20 W)	381
2.	18 W star Surface light	6
3.	12 W LED star surface light	50
4.	12 W LED panel square	210