






**KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
ERODE – 638 107.**






DBT STAR COLLEGE SCHEME

DEPARTMENT OF PHYSICS

**ASSETS ACQUIRED THROUGH NON-RECURRING GRANTS FROM THE
DEPARTMENT OF BIOTECHNOLOGY (DBT), GOVERNMENT OF INDIA,
UNDER THE DBT STAR COLLEGE SCHEME**

S.No	Name of the Equipment	Brand	No of Units	Equipment Images
1.	Hot air oven - 24 x 24 x 24" (600 x 600 x 600 mm) capacity 216 l , load 1.50 kw)	UNIQUE	1	
2.	Digital electronic balance model in 10k , capacity 10 kg, resolution 1 g, pan size 175 x 225 mm	INFRA DIGI	1	
3.	Muffle Furnace " x 5" x10" Temp upto 1000 �	Scientek	1	

4.	Magnetic stirrer with hot plate Digital rpm (1000 ml)	REMI	6	
5.	CRO	Scientific	3	
6.	Band gap determination of pn junction diode (Complete set up) Cat.no. 1962	BESTO	4	
7.	Dielectric constant kit for solid samples	BESTO	1	
8.	Digital LCR meter	BESTO	1	
9.	Planck's constant apparatus	BESTO	1	
10.	Millikan's oil drop apparatus	BESTO	1	

11.	Astronomical and Terrestrial telescope combined	BESTO	1	
12.	Digital IC Trainer	BESTO	16	
13.	Digital Storage Oscilloscope (50 MHz)	Scientific	1	
14.	Hall effect Apparatus (complete set up)	BESTO	1	
15.	Ultrasonic Interferometer	PICO	1	
16.	Digital AC voltmeter (0-2 / 20 / 200 V) Digital AC Milliammeter (0-2 / 20 / 200 mA)	MIGHTY	3 3	
17.	Decade Resistance Box (1 ohm to 10 Megohm)	MIGHTY	5	

18.	Travelling Microscope	BESTO	3	
19.	Potentiometer	BESTO	4	
20.	Functional Generator	PICO	8	
21.	Spectrometer	BESTO	4	
22.	IC regulated dual power supply (12 - 0 - 12v), (9 - 0 - 9v), 0-12 v / 2 amps and (0 - 30v)	PICO	5+3+3+8 = 19	
23.	Diode laser source for wavelength determination of laser beam, wooden optical bench, screen	PICO	3	
24.	Rheostat (30 ohm-3 amps)	STEAD	20	

25.	AC & DC meters	BESTO	216	
26.	Digital meter (D.C & A.C combined) (0-20 V) Digital meter (D.C & A.C combined) (0-20 A)	BESTO	7 7	
27.	Screw Gauge (Digital)	ESAL	1	
28.	Vernier Caliper (Digital)	ESAL	1	
29.	Lee's Disc Apparatus	-	3	
30.	Tapped Mutual Inductance Coil Pair (0-500 Turns)	-	2	

31.	Lechlanche Cell	ELECTRONIC	4	
32.	Galvanometer – Round Type 30-0-30	-	7	
33.	Digital Multimeter	-	2	
34.	Dell 3070 MT Desktop	DELL	1	
35.	Narrow Angled Prism (32X32 MM)	-	5	
36.	Steam Boiler Copper	-	5	