

List of Equipment acquired by Wilson College Under DBT STAR
Scheme.(Financial Year 2023-24)

Name of Equipment	Quantity
Binocular Microscope	03
Digital Microscope with LCD Projector	02
Bottled preserved specimen	73
Permanent Slides with cabinet	30
Compound (Students) Microscopes	31
Dissecting microscope	20
Plant growth Chamber	01
Micropipettes	15
Digital Incubator (45x45x60cm)	02
Glass Double Distillation unit	01
Visible Spectrophotometer	01
High Speed Laboratory Centrifuge Machine	01
Laboratory Electrical Muffle Furnace	01
Analytical balance for laboratory use	01
Water Bath	01
Microwave	01
Digital pH meter	04
Magnetic stirrer	01
Vertical Electrophoresis unit with powerpack	02
Horizontal Electrophoresis unit with powerpack	02
Colorimeter	04
Calomel Electrode	5
Conductometer with inbuilt magnetic stirrer, Eq.664A	6
pH Meter, with inbuilt magnetic stirrer, Eq. 614	9
Potentiometer With inbuilt magnetic stirrer, Eq. 609. 602	8
Digital electronic balance Acccu.0.001gm	02
Thermostat Capacity 24 holes Automatic, Digital	01
TLC -UV Chamber	02
Automatic potential titration meter	01
Muffle furnace	01
Ultrasonic bath	01
Photocatalysis Assembly with lamp and regulator	01
Digital Turbidimeter	01
Vacuum pumps	02
UV-VISIBLE Spectrophotometer	1
Fume Hood	1
Arduino board with accessories	20
Raspberry Pi 4 4GB	20
Raspberry Pi 4 8GB	5
Camera	5
Microprocessor with accessories	4
Micro-controller with accessories	4
Drone with Camera	2
3D-Printer	2
Workstation/Server	2

Name of Equipment	Quantity
Smartboard	2
High quality Colour Printer	1
Graphing Calculator	3
Microscope with Oil immersion Lens	5
pH meter, Bench Top	2
pH electrodes	2
Fully automatic Autoclave caps. 52lts. with GMP	1
Hot air oven (45*45*60cm)	1
Centrifuge (6500 rpm)	1
Water Bath Shaker (with Clamps)GMP model	1
Colorimeters	7
Bottle top dispenser	3
Pipette controller	3
Magnus Trinocular microscope with camera	1
Microscopes_ Inbuilt LED and Oil immersion Lens	3
Petroff-Hausser Counter	10
Molecular Biology_ Horizontal Submerged AGE apparatus (Big-13 wells)	2
Mol Bio-vertical apparatus-SDS PAGE (4 wells)	4
Molecular Biology Horizontal submerged apparatus for DNA AGE 4 wells	4
fixed voltage Power supply	6
Micropipettes 5 each types (2-20ul,5-50, 50-200, 50 ul fixed volume and 200-1000ul)	11
Western Blotting- apparatus 6x5 cm gel size	2
Oswald's Viscometer	11
Horizontal Incubation Steel Racks with Illumination Facility for Plant Tissue Culture	1
Soxhlet Extractor	2
TLC chamber with lid	2
TLC plate applicator	1
Ocular slides	5
Stage micrometer slides	4
Silica gel TLC Plates pack (merck)	1
Digital Storage Oscilloscope (DSO)	6
Multimeters	10
Laser sources	2
High precision Digital vernier /micrometer	2
Simple digital verniers	10
Optical fibre Assembly	1
B-H Loop tracer	2
Hall effect apparatus	1
LCR meter	1
Discharge tube (Hydrogen, Helium, Neon, Argon) and Power supply	2
Microprocessor with accessories	6
Micro-controller with accessories	6
Digital Programmable Multimeter	1
Trinocular Microscope with camera attachment & Camera with attachment for Microscope	2
Microtome	2

Name of Equipment	Quantity
Incubator	1
Autoclave	1
Binocular Microscopes with LED illuminator	5
Oculometer with stage micrometer	20
Wide field zoom stereo microscope with LED attachment	1
Colorimeter	4
pH Meter	2
Centrifuge	1
Nephelometer	1
Conductivity meter	2
Vertical electrophoresis unit (mini size 12 wells)	2
Horizontal electrophoresis unit (mini size 12 wells)	2
Haemoglobinometer	20
Binocular	6
Haemocytometer with Neubaur chamber	21