



**Prayas Centre Name** Pilani Innovation and Entrepreneurship Development Society, BITS Pilani  
**City** Pilani  
**State** RAJASTHAN  
**Fablab Page Link** : [www.pieds-bitspilani.org/fablab](http://www.pieds-bitspilani.org/fablab)

**Equipment available at PIEDS BITS Pilani DST PRAYAS Shala**

Electronic/Prototyping Facility		
Section		
Sr. No.	Equipment Name	Equipment detail
1	Dual Extruder 3D printer 1	Brand - Ultimaker Model -S5 Pro Bundle Specification - Build volume 330mm x 240mm x 300mm Assembled dimensions W 495 x D 585 x H 780 mm Print technology Fused Deposition Modeling (FDM) Compatible filament diameter 2.85 mm Weight 29.1 kg (64.2 lbs) Maximum power output 500 W Material Support- ABS,PLA,PETG,NYLON,SUPPORT MATERIAL Multicolor. Operational area –Product development, Manufacturing, End-use parts, Architecture, Education, Rapid Prototyping Link of the user manual - <a href="https://support.makerbot.com/s/article/1667410778241">https://support.makerbot.com/s/article/1667410778241</a>
2	3D Printer 2	Brand - Formlabs Model -Form 4 Specification - Build volume 20.0 × 12.5 × 21.0 cm Assembled dimensions 39.8 × 36.7 × 55.4 cm Print technology Masked Stereolithography (MSLA) Resin Compatible-white v5,black,flexible,clear ,clear cast. Weight 29.1 kg (64.2 lbs) Maximum power output 50/60 Hz 480 W Operational area –Product development, Manufacturing, End-use parts,

		<p>Architecture, Education, Rapid Prototyping.</p> <p>Link of the user manual - <a href="https://support.formlabs.com/s/article/Quick-Start-Guide-Form-4?language=en_US">https://support.formlabs.com/s/article/Quick-Start-Guide-Form-4?language=en_US</a></p>
3	3D Scanner	<p>Brand - Shinning 3D</p> <p>Model - Einscan Pro 2X 2020</p> <p>Specification - Working Distance: 400mm</p> <p>Operational area – AR/VR research, Product Development, Reverse Engineering</p> <p>Link of the user manual - <a href="https://www.tomega.lv/wp-content/uploads/2023/05/Shining-3D-Einscan-PRO-2X-2020-Product-info.pdf">https://www.tomega.lv/wp-content/uploads/2023/05/Shining-3D-Einscan-PRO-2X-2020-Product-info.pdf</a></p>
4	Laser Cutting	<p>Brand - SIL</p> <p>Model - Accucut 1212</p> <p>Specification -</p> <ul style="list-style-type: none"> <li>• Working Area: 1200x1200mm</li> <li>• Laser Type: Co2 DC Glass Laser Tube</li> <li>• Power Option: Glass Tube – 100 Watt</li> </ul> <p>Operational area – Product Development, Manufacturing, Product Development</p> <p>Link of the user manual - <a href="https://silasers.com/wp-content/uploads/2022/12/Laser-Solutions-for-Media-1.pdf">https://silasers.com/wp-content/uploads/2022/12/Laser-Solutions-for-Media-1.pdf</a></p>
5	PCB Prototyping: Milling	<p>Brand - Roland</p> <p>Model - Modela MDX50</p> <p>Specification -</p> <p>Feed rate XY: 0.3in to 141.7 in/min Z: 0.3 to 118.1 in/min.</p> <ul style="list-style-type: none"> <li>• Spindle rotation speed: 4500 to 15000 rpm</li> <li>• Mechanical resolution: 0.01 mm/sec</li> </ul> <p>Operational area – PCB Prototyping, General Milling</p> <p>Link of the user manual - <a href="https://downloadcenter.rolanddg.com/contents/manuals/MDX-50_USE_EN_R5.pdf">https://downloadcenter.rolanddg.com/contents/manuals/MDX-50_USE_EN_R5.pdf</a></p>
6	Multi Spectral camera	<p>Brand - Mica Sense</p> <p>Model - Rededge P</p> <p>Specification -</p> <p>Power Input: 5.5 / 7.0 / 10W (standby, average, peak)</p> <ul style="list-style-type: none"> <li>• Sensor Resolution: 1456 x 1088 (1.6 MP per MS band), 2464 x 2056 (5.1 MP panchromatic band)</li> <li>• Spectral Bands: Blue (475nm ±32nm), Green (560nm ±27nm), Red (668nm ±14nm), Red Edge (717nm ±12nm), NIR (842nm ±57nm)</li> <li>• RGB Color Output: 5.1 MP (global shutter, aligned with all bands)</li> </ul> <p>Operational area – Learning</p> <p>Link of the user manual <a href="https://support.micasense.com/hc/en-us/articles/4410824602903-RedEdge-P-Integration-Guide">https://support.micasense.com/hc/en-us/articles/4410824602903-RedEdge-P-Integration-Guide</a></p>
7	AR/VR Kit x2	<p>Brand - HTC Vive</p> <p>Model - Vive Pro 2</p> <p>Specification -</p> <ul style="list-style-type: none"> <li>• Dual RGB low persistence LCD</li> <li>• Resolution: 2448 × 2448 pixels per eye (4896 x 2448 pixels combined)</li> <li>• Refresh Rate: 90/120 Hz (only 90Hz supported via VIVE Wireless Adapter)</li> </ul>

		<ul style="list-style-type: none"> <li>• Field of view: Up to 120 degrees (horizontal)</li> </ul> <p>Operational area – AR/VR Research, Learning</p> <p>Link of the user manual -  <a href="https://manuals.coolblue.nl/eb/htc-vive-pro-2-full-kit.pdf">https://manuals.coolblue.nl/eb/htc-vive-pro-2-full-kit.pdf</a></p>
8	Compute Board 1	<p>Brand - NVIDIA</p> <p>Model - Jetson Orin AGX</p> <p>Specification -</p> <ul style="list-style-type: none"> <li>• AI Performance: 275 TOPS (INT8)</li> <li>• GPU: 2048-core NVIDIA Ampere architecture GPU with 64 Tensor Cores</li> <li>• Max GPU Freq: 1.3 GHz</li> <li>• CPU: 12-core Arm Cortex-A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3</li> <li>• CPU Max Freq: 2.2 GHz</li> </ul> <p>Operational area – Robotics Development, Learning and Machine Learning</p> <p>Link of the user manual  <a href="https://www.nvidia.com/content/dam/en-zz/Solutions/gtcf21/jetson-orin/nvidia-jetson-agx-orin-technical-brief.pdf">https://www.nvidia.com/content/dam/en-zz/Solutions/gtcf21/jetson-orin/nvidia-jetson-agx-orin-technical-brief.pdf</a></p>
9	Compute Board 2	<p>Brand - NVIDIA</p> <p>Model - Jetson NX</p> <p>Specification -</p> <ul style="list-style-type: none"> <li>• AI Performance: 21 TOPS</li> <li>• GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores</li> <li>• CPU: 6-core NVIDIA Carmel ARM®v8.2 64-bit CPU</li> <li>• 6MB L2 + 4MB L3</li> <li>• Memory: 8 GB 128-bit LPDDR4x 51.2GB/s</li> <li>• Storage: 16 GB eMMC 5.1</li> <li>• Power: 10 W   15 W</li> </ul> <p>Operational area – Robotics Development, Learning and Machine Learning</p> <p>Link of the user manual  <a href="https://developer.download.nvidia.com/assets/embedded/secure/tools/files/jetpack-sdks/jetpack-4.4-ga/Jetson_Xavier_NX_Developer_Kit_User_Guide.pdf?__token__=exp=1758707979~hmac=9bbd1766fff51b3a243516dd810d9723ff8085be2d94a761458543a424c5fdf9&amp;t=eyJscyl6ImdzZW8iLCJsc2QjOiJodHRwczovL3d3dy5nb29nbGUuY29tLyJ9">https://developer.download.nvidia.com/assets/embedded/secure/tools/files/jetpack-sdks/jetpack-4.4-ga/Jetson_Xavier_NX_Developer_Kit_User_Guide.pdf?__token__=exp=1758707979~hmac=9bbd1766fff51b3a243516dd810d9723ff8085be2d94a761458543a424c5fdf9&amp;t=eyJscyl6ImdzZW8iLCJsc2QjOiJodHRwczovL3d3dy5nb29nbGUuY29tLyJ9</a></p>
10	Microcontroller 1	<p>Brand - Beagle Bone</p> <p>Model - Beagle Bone AI Board</p> <p>Specification -</p> <ul style="list-style-type: none"> <li>• Dual Arm® Cortex®-A15 microprocessor subsystem</li> <li>• 2 C66x floating-point VLIW DSPs</li> <li>• 2.5MB of on-chip L3 RAM</li> <li>• 2x dual Arm® Cortex®-M4 co-processors</li> <li>• 4x Embedded Vision Engines (EVEs)</li> <li>• 2x dual-core Programmable Real-Time Unit and Industrial Communication SubSystem (PRU-ICSS)</li> <li>• 2D-graphics accelerator (BB2D) subsystem</li> </ul> <p>Operational area – Robotics Development, Learning and Machine Learning</p> <p>Link of the user manual  <a href="https://docs.beagleboard.org/beaglebone-ai.pdf">https://docs.beagleboard.org/beaglebone-ai.pdf</a></p>
11	Microcontroller 2	<p>Brand - Beagle Bone</p> <p>Model - Rev 3</p> <p>Specification -</p>

		<ul style="list-style-type: none"> <li>• Processor: AM335x 1GHz ARM Cortex-A8</li> <li>• SDRAM Memory: 512MB DDR3 RAM</li> <li>• Onboard Flash: 4GB 8-bit eMMC on-board flash storage</li> </ul> Operational area – Robotics Development, Learning, IoT Development Link of the user manual <a href="https://docs.beagleboard.org/beaglebone-black.pdf">https://docs.beagleboard.org/beaglebone-black.pdf</a>
12	Microcontroller 3	Brand - STMicroelectronics Model - IOT discovery kit Specification - <ul style="list-style-type: none"> <li>• Processor: AM335x 1GHz ARM Cortex-A8</li> <li>• SDRAM Memory: 512MB DDR3 RAM</li> <li>• Onboard Flash: 4GB 8-bit eMMC on-board flash storage</li> </ul> Operational area – Robotics Development, Learning, IoT Development Link of the user manual <a href="https://www.st.com/resource/en/user_manual/um2839-discovery-kit-for-iot-node-with-stm32u5-series-stmicroelectronics.pdf">https://www.st.com/resource/en/user_manual/um2839-discovery-kit-for-iot-node-with-stm32u5-series-stmicroelectronics.pdf</a>
14	IoT Builder Kit 1	Brand - Raspberry Model - Raspberry PI IOT Builder kit Specification - Operational area - Robotics Development, Learning, IoT Development Link of the user manual
15	IoT Builder Kit 2	Brand - Arduino Model - Arduino Opla IOT Kit Specification - Operational area - Robotics Development, Learning, IoT Development Link of the user manual <a href="https://docs.arduino.cc/tutorials/mkr-iot-carrier/mkr-iot-carrier-01-technical-reference/">https://docs.arduino.cc/tutorials/mkr-iot-carrier/mkr-iot-carrier-01-technical-reference/</a>
16	IoT Builder Kit 3	Brand - Microsoft Model - Microsoft IOT Grove kit Specification - Operational area - Robotics Development, Learning, IoT Development Link of the user manual <a href="https://mm.digikey.com/Volume0/opasdata/d220001/medias/docus/958/110060482_Web.pdf">https://mm.digikey.com/Volume0/opasdata/d220001/medias/docus/958/110060482_Web.pdf</a>
17	IoT Builder Kit 5	Brand - STMicroelectronics Model - MKSBOX1V1 Specification - Operational area - Robotics Development, Learning, IoT Development Link of the user manual - <a href="https://www.st.com/resource/en/data_brief/steval-mksbox1v1.pdf">https://www.st.com/resource/en/data_brief/steval-mksbox1v1.pdf</a>
18	IoT Prototyping Kit	Brand - NXP Model - Rapid IoT Prototyping Kit Specification - <ul style="list-style-type: none"> <li>• Wireless Connectivity Multiprotocol MCUs  KW41Z: Kinetis® KW41Z-2.4 GHz Dual Mode: Bluetooth® Low Energy and 802.15.4 Wireless Radio Microcontroller (MCU) based on Arm® Cortex®-M0+ Core</li> <li>• Sensors: Barometric Pressure 15 to 150 kPa  MPL3115A2: Absolute Digital Pressure Sensor (20 to 110 kPa)</li> <li>• Accelerometers: FXOS8700CQ: Digital Motion Sensor - 3D Accelerometer (±2g/±4g/±8g) + 3D Magnetometer</li> </ul> Operational area - Robotics Development, Learning, IoT Development

		<p>Link of the user manual -  <a href="https://www.nxp.com/webapp/Download?colCode=SLN-RPK-NODE-SDK-API-RM">https://www.nxp.com/webapp/Download?colCode=SLN-RPK-NODE-SDK-API-RM</a></p>
19	Multisensor Kit	<p>Brand - STMicroelectronics  Model - STEVAL-BFA001V2B  Specification -</p> <ul style="list-style-type: none"> <li>• Kit content: Sensor node</li> <li>• Communication adapter board</li> <li>• STLINK-V3MINI programming and debugging interface</li> <li>• Cables and connector</li> </ul> <p>Operational area - FPGA Development, Learning and Educational, IoT Development  Link of the user manual  <a href="https://www.st.com/resource/en/user_manual/um2566-getting-started-with-the-stm32cube-function-pack-for-multisensor-nodes-with-signal-processing-to-enable-predictive-maintenance-stmicroelectronics.pdf">https://www.st.com/resource/en/user_manual/um2566-getting-started-with-the-stm32cube-function-pack-for-multisensor-nodes-with-signal-processing-to-enable-predictive-maintenance-stmicroelectronics.pdf</a></p>
20	FPGA Board 1	<p>Brand - AMD  Model - Xilinx Zynq Ultra scale : KCU105-G  Specification -</p> <ul style="list-style-type: none"> <li>• Dual 256Mb quad serial peripheral interface flash memory (dual, quad, SPI)</li> <li>• 20 GTH transceivers (five quads), PCI express endpoint connectivity, two SFP+ connectors</li> <li>• Ethernet PHY SGMII interface with RJ45 connector, dual USB to UART bridge with micro-B USB connector</li> <li>• HDMI codec with HDMI connector, I2C bus, status LEDs, user I/O, power on/off slide switch SW1</li> </ul> <p>Operational area - FPGA Development, Learning and Educational  Link of the user manual  <a href="https://www.xilinx.com/support/documents/boards_and_kits/kcu105/ug917-kcu105-eval-bd.pdf">https://www.xilinx.com/support/documents/boards_and_kits/kcu105/ug917-kcu105-eval-bd.pdf</a></p>
21	FPGA Board 2	<p>Brand - AMD  Model - KRIA KV 260 FPGA  Specification -</p> <ul style="list-style-type: none"> <li>• Vision Ready: Multi-camera Support: Up to 8 interfaces</li> <li>• 3 MIPI sensor interfaces, USB cameras</li> <li>• Built-in ISP component (OnSemi)</li> <li>• HDMI, DisplayPort outputs</li> <li>• Flexible Connectivity: 1 Gb Ethernet</li> </ul> <p>Operational area - FPGA Development, Learning and Educational  Link of the user manual  <a href="https://docs.amd.com/r/en-US/ug1089-kv260-starter-kit">https://docs.amd.com/r/en-US/ug1089-kv260-starter-kit</a></p>
22	Microcontroller 5	<p>Brand - Raspberry  Model - RPI PI PICO  Specification -</p> <p>Operational area - Robotics Development, Learning, IoT Development  Link of the user manual  <a href="https://datasheets.raspberrypi.com/pico/getting-started-with-pico.pdf">https://datasheets.raspberrypi.com/pico/getting-started-with-pico.pdf</a></p>
23	Microcontroller 6	<p>Brand - Arduino  Model - Arduino Mega 2560  Specification -</p> <p>Operational area - Robotics Development, Learning, IoT Development  Link of the user manual</p>

		<a href="https://docs.arduino.cc/resources/datasheets/A000067-datasheet.pdf">https://docs.arduino.cc/resources/datasheets/A000067-datasheet.pdf</a>
24	ESD Workstation	Brand - Alkon Model - AWS 12060SP Specification - Operational area - General Electronics Link of the user manual
25	Soldering/Rework Station	Brand - Weller Model - WXD2020 Specification - • Channels: 2 • Mains voltage: 230 V, 50 Hz • Power consumption: 200 W Operational area - General Electronics Link of the user manual <a href="https://www.weller-tools.com/sites/default/files/products/documents/WEL_WX_Units_Manual.pdf">https://www.weller-tools.com/sites/default/files/products/documents/WEL_WX_Units_Manual.pdf</a>
26	Spot welding	Brand - Semco Model - HWN 738AL Specification - • Welding Thickness Range: 0.05 to 0.3 mm • Power: 3.6 kW Operational area - Link of the user manual: <a href="https://5.imimg.com/data5/SELLER/Doc/2022/7/DM/CA/WG/44644363/lithium-ion-spot-welding-machine.pdf">https://5.imimg.com/data5/SELLER/Doc/2022/7/DM/CA/WG/44644363/lithium-ion-spot-welding-machine.pdf</a>

Section			Metalworking Facility		
Sr. No.	Equipment Name	Equipment detail			
1	Portable Welding Machine	Brand - Ador Model - Champ Arc 201 Specification - • Supply Voltage, Phase, Frequency: 240 V +10 %, -15 %, 1 Phase, 50 / 60 Hz • Welding Current Range: 15 – 200 Amps Dc Operational area - Link of the user manual- <a href="https://www.adorwelding.com/wp-content/uploads/2023/09/Ador-AI-Leaflets_CHAMP-ARC-201.pdf">https://www.adorwelding.com/wp-content/uploads/2023/09/Ador-AI-Leaflets_CHAMP-ARC-201.pdf</a>			

Section			Power Tool		
Sr. No.	Equipment Name	Equipment detail			
1	Rotary Tool Kit	Brand -Dremel Model -4000-6/50 Specification -Amperage: 1.6 • Cord Length (ft.): 6 • Speed: 5,000 to 35,000 RPM  Operational area –Finishing, Roughing ,Surfacing Link of the user manual - <a href="https://www.farnell.com/datasheets/3098172.pdf">https://www.farnell.com/datasheets/3098172.pdf</a>			

2	Hand Drill MachineX2	<p>Brand - Bosch  Model -GSB 600 RE KIT  Specification -Rated input power: 750W  • No-load speed: 0-3250 rpm</p> <p>Operational area  –Finishing, Roughing ,Surfacing, Hammering.  Link of the user manual -</p>
3	Cordless DrillX2	<p>Brand - Bosch  Model -GSB180 Li  Specification • No-load speed (1st gear / 2nd gear): 0 – 500 / 0 – 1,900 rpm  • Battery voltage: 18.0 V  • Max. impact rate: 27,000 bpm  • Chuck capacity, min./max: 1.5 / 13 mm</p> <p>Operational area- –Finishing, Roughing ,Surfacing, Hammering, cutting.  Link of the user manual -<a href="https://manuals.plus/bosch/180-li-cordless-drill-driver-manual">https://manuals.plus/bosch/180-li-cordless-drill-driver-manual</a></p>
4	Jig saw	<p>Brand - Bosch  Model -GST 680  Specification -• Rated input power: 450 W  • Stroke rate at no load: 800-3100 spm  Operational area- –Finishing, Roughing ,Surfacing, Hammering,cutting  Link of the user manual -  <a href="https://www.scribd.com/document/294451865/Bosch-pst-680E-user-manual">https://www.scribd.com/document/294451865/Bosch-pst-680E-user-manual</a></p>
5	Hot Air Gun	<p>Brand - Bosch  Model -GHG 180  Specification • Rated input power: 1800 W  • Working temperature: 60 – 550 °C  • Heat-up time: 1 Sec  Operational area- –General Purpose.Heating.  Link of the user manual -<a href="https://media.vn.bosch-pt.com/binary/ocsmmedia/optimized/full/o372109v21_160992A739_202110.pdf">https://media.vn.bosch-pt.com/binary/ocsmmedia/optimized/full/o372109v21_160992A739_202110.pdf</a></p>
6	Table saw	<p>Brand - Bosch  Model -GTS 254  Specification • Rated input power: 1800W.  • Saw blade diameter: 254 mm  • Table size: 555 x 555 mm  Operational area- –General Purpose.cutting.  Link of the user manual -</p>
7	Blower	<p>Brand - Bosch  Model -GBL 620  Specification • Maximum Rotational Speed: 1500 RPM  • Voltage: 12 Volts  Operational area- –General Purpose.Heating.  Link of the user manual -</p>
8	Cordless Screwdriver	<p>Brand - Bosch  Model -GSR 120 Li  Specification • Maximum Rotational Speed: 1500 RPM  • Voltage: 12 Volts</p>

		Operational area- –General Purpose,drilling, boring, screw. Link of the user manual -
9	Vacuum Cleaner	Brand - Bosch Model -GAS 15 PS Specification • Container volume, net: 10 l • Container volume, gross: 15 l • Max. airflow rate (turbine): 53 l/sec • Max. vacuum pressure (turbine): 270 m bar Operational area- –Cleaning. Link of the user manual
10	Random Orbit Sander	Brand - Bosch Model -GEX 125 Specification • Rated input power: 250W • Sanding pad diameter: 125 mm • Oscillating circuit diameter: 2.5 mm Operational area- Sanding, surfacing Link of the user manual
11	Cordless Vacuum Cleaner with starter kit	Brand - Bosch Model -GAS 18 V Li Specification • Battery voltage: 18.0 V • Filter surface area: 55 cm <sup>2</sup> • Max. airflow rate (turbine): 10 l/s Operational area- Cleaning. Link of the user manual
12	Hot Glue Gun	Brand - Stanley Model- 6-GR20 Specification-N/A Operational area- Adhesion. Link of the user manual - <a href="https://www.stanley.eu/uploads/emg_master/SEA/catalog/stanley-one-tool-company-catalogue-s.pdf">https://www.stanley.eu/uploads/emg_master/SEA/catalog/stanley-one-tool-company-catalogue-s.pdf</a>
13	Drill bit set	Brand -BOSCH Model-2 608 587 018 Specification-N/A Operational area - Drilling,Boring,Cutting Link of the user manual

Section		Supply & measuring equipment
Sr. No.	Equipment Name	Equipment detail
1	Spectrum analyser	Brand - GW Instek Model - GSP- 8380TG Specification - <ul style="list-style-type: none"> <li>• Frequency Range: 9kHz ~ 3.8GHz</li> <li>• RBW: 1Hz ~ 1MHz in 1-3-5-10 steps</li> <li>• VBW: 10Hz ~ 3MHz in 1-3-5-10 steps</li> <li>• Sensitivity: -160dBm/Hz Typical @PreAmp On</li> </ul> Operational area - Link of the user manual - <a href="https://www.gwinstek.com/en-global/products/downloadSeriesDownNew/23750/2372">https://www.gwinstek.com/en-global/products/downloadSeriesDownNew/23750/2372</a>
2	Digital Oscilloscope	Brand - Rigol Model - DS1074Z-S-Plus Specification - <ul style="list-style-type: none"> <li>• Bandwidth: 70 MHz.</li> <li>• 4 analog + 16 digital channels.</li> <li>• Real-time sample rate: up to 1 GSa/s.</li> <li>• Memory depth: 12 Mpts.</li> </ul> Operational area - Link of the user manual - <a href="https://www.manualpdf.in/rigol/ds1074z-s-plus/manual">https://www.manualpdf.in/rigol/ds1074z-s-plus/manual</a>
3	IC Tester	Brand - Metravi Model - DICT-2040 Specification - <ul style="list-style-type: none"> <li>• Auxiliary Power Supply: 220V AC 50Hz</li> <li>• 40 Pin capability</li> </ul> Operational area - Link of the user manual <a href="https://metravi.com/wp-content/uploads/2020/08/Metravi-DICT-2040-Digital-IC-Tester-Catalogue.pdf">https://metravi.com/wp-content/uploads/2020/08/Metravi-DICT-2040-Digital-IC-Tester-Catalogue.pdf</a>

Section		Hand tools	
Sr. No.	Equipment Name	Sr. No.	Equipment Name
1	Bosch Hand Tool Kit	9	Stanley-16pcs screwdriver set
2	Stanley C-Clamp	10	Stanley- 6pcs precision screwdriver set
3	Stanley -Snap Off Knife	11	Stanley- Max steel snip cutter
4	Stanley-PVC Pipe cutter	12	Stanley-Hot Glue Gun
5	Black Decker-Tool Kit 126peices	13	Black Decker-Small file set
6	John Bhandari-Big file set	14	Stanley-Chisel set
7	Stanley-Punch set	15	Jet-Bench wise
8	Jet-Baby wise		

Section		Measuring Instruments
Sr. No.	Equipment Name	
1	Digital Multimeter Fluke 15B+ MAX	
2	Digital Ammeter Fluke 325	
3	Digital Vernier Caliper Insize	
4	Micrometer Insize	

5	Steel Rule 300mm Insize
6	Steel Rule 600mm Insize
7	Degree Protector Insize
8	Inside Caliper Insize
9	Outside caliper Insize
10	Engineering square Insize
11	Meter Tape 30m
12	Measuring Tape 3M Stanley
13	Measuring Tape 5M Stanley
14	Spirit level Stanley