**R.V. College of Engineering, Bangalore – 59**

*(Autonomous Institution affiliated to VTU, Belgaum)*

**Department of Information Science & Engineering**

**Research Facilities**

**R & D Lab Area (in Sq mt): 35**

| **Sl. No.** | **Name.** | **Nos.** | **Description** | **Date of purchase** |
| --- | --- | --- | --- | --- |
| 1 | Dev Kit 8500D Evaluation kit | 02 | * Professional Embedded System Solution Provider - 2 Nos. * CD's - 3 Nos. * Manual - 1 No. * USB Cable - 4 Nos. * VGA - 4 Nos. * 2 Pin Power cable - 4 Nos. * Connecting Wires - 2 Nos. * Micro SD 4GB chip - 2 Nos. * Texas Instruments JTAG Emulator - 2 Nos. - contains EM Board * VGA Driver & Manual CD's - 3 Nos. * Chip with USB - 1 No. * High Resolution Box Camera - 2 Nos. * Venir CCTV Lens - 2 Nos. * ASUS VGA HDMI Clamps - Big (12 Nos.) and Small (16 Nos.) | 26.04.2013 |
| 2 | Wireless Sensor Network Educational Kit | 01 | * Data Acquisition Boards-20 Nos. * Iris Processor with radio boards – 30 Nos. * Mote View Support CD's -09 Nos. * USB PC interface Board -10 Nos. * Cables -10 Nos. | 23.10.2013 |
| 3 | Natural Language Processing Kit | 01 | * SimBoard – 2 Nos. * GPS Antenna -2 Nos. * Wenxin Cable -2 Nos. * Digital CCTV - 2 Nos. * Manual CD's – 4 Nos. * CCTV Lens - 2 Nos. * Bracket Bundle - 1Box * Emulation Board with Sony Speakers (2) – 1 No. * Verification Board with Sony Speakers (2) – 1 No. * ZView IDE with C Compiler & USB debugging probe- 1 No. | 24.03.2013 |
| 4 | Selenium Automation framework Software | 07 Licenses | * Selenium Automation framework | 20.03.2013 |
| 5 | Intel Parallel & Cluster Studio XE 2013 | 50 Licenses | * Intel Software Development Suite Student Edition for Linux OS -25 Seats * Intel Software Development Suite Student Edition for Windows OS -25 Seats | 14.04.2014 |
| 6 | Qualnet Network Simulation Software | 02 Libraries | * Advanced Wireless Library * Sensor Networks Library | 09.12.2014 |
| 7 | IoT Kit | 01 | * UbiSense - 10 * Cmote - 10 * Wi-Fi mote -10 * WINGZ gateway -1 * Tiny OS Zigbee IDE SDK -1 * BLE mote -10 * Ubidaq - 10q | 14.12.2016 |
| 8 | Enobio Headset | 01 | * NE003-ENOBIO 8 Channel * NE010 ENOBIO NECBOX - 1 * NE013 micro USB NECBOX charger - 1 * NE014 Curved Syringe - 1 * NE015 USB card with software - 1 * NE016 Gel Bottle 60cl - 1 * NE017 10 Electrode cable - 1 * NE019 Neoprene HeadCap - 1 * NE020 Neoprene Headband - 1 * NE021 Frontal dry electrode front-end - 4 * NE022 Gel electrode front-end - 8 * NE031 USB Bluetooth Dongle -1 * NE025 Adhesive Electrode Front-end -25 * NE023-Dry Electrodes – 8 * NE027-Ear Clip | 17.03.2017 |
| 9 | Raspberry Pi kits | 12 | * A 1.2GHz 64-bit quad-core ARMv8 CPU * 802.11n Wireless LAN * Bluetooth 4.1 * Bluetooth Low Energy (BLE) * 1GB RAM * USB ports- 4 * GPIO pins - 40 * Full HDMI port * Ethernet port * Combined 3.5mm audio jack and composite video * Camera interface (CSI) * Display interface (DSI) * Micro SD card slot (now push-pull rather than push-push) * Video Core IV 3D graphics core | 01.02.2018 |

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| **Sl. No.** | **Name.** | **Nos.** | **Description** | **Date of purchase** |
| 10 | Cyber Forensic Tools | 30 | * Cyber Check Suite V6.0 consisting of TrueBackWin V2.0, CyberCheck V5.0, F-DaC, V2.0, F-Ran V2.0, F-Tex V1.0, Hasher V1.0 * MobileCheck Suite V3.1 * NetForce Suite V3.1 consistes of NeSA V2.0, CyberInvestigator V1.0, EmailTracer V3.0 * WinLiFT V3.0 * Advik CDR Analyser V3.5 | 28.08.2017 |
| 11 | LDRA | 18 Licenses | * Test Analysis * LDRArules®+TBmisra®+TBsecure®(coding rules checking and softwre quality analysis bundle) * LDRAcover®+TBsafe®(Code Coverage bundlle) * LDRAunit®+TBsafe®+TBeXtreme® (unit Testing bundle) | 15.02.2019 |
| 12 | Ka-naada Keyboard | 05 | Ka-naada Keynoard special edition | 18.11.2021 |

**Work station**

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| HP | Processor  RAM  HDD  Monitor | Core i9  64 GB RAM  2 TB  24” TFT | 24.06.2021 | 01 |

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| **SL NO.** | **KIT NAME** | **DATE OF PURCHASE** | **QUANTITY** |
| 1 |  | 18.11.2021 | 05 |