

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)-NAGAPATTINAM**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COMPUTER CENTRE -I**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>SUPPLIERS NAME AND ADDRESS</b>	<b>QUANTITY</b>
1	DELL OPTIPLEX 3080- INTEL I5 PROCESSOR, 8GB DDR4RAM, 1 TBHDD, 19' LED MONITOR, USB KEYBOARD AND MOUSE	SIPCOT LIMITED ELECTRONIC – HARDWARE HITECH SEZ, SRIPERUMBUDUR, KANCHIPURAM DT	66
2	LASER PRINTER	GENUINE INFOTECH SOLUTIONS TRICHY	4
3	CISCO 24 PORT GIGABIT SWITCH	GENUINE INFOTECH SOLUTIONS TRICHY	3



**FIGURE: COMPUTER CENTRE-I**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COMPUTER CENTRE -II**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>SUPPLIERS NAME AND ADDRESS</b>	<b>QUAN TITY</b>
1	DELL OPTIPLEX 3080- INTEL I5 PROCESSOR, 8GB DDR4RAM, 1 TBHDD, 19' LED MONITOR, USB KEYBOARD AND MOUSE	SIPCOT LIMITED ELECTRONIC – HARDWARE HITECH SEZ, SRIPERUMBUDUR, KANCHIPURAM DT	66
2	LASER PRINTER	GENUINE INFOTECH SOLUTIONS TRICHY	4
3	CISCO 24 PORT GIGABIT SWITCH	GENUINE INFOTECH SOLUTIONS TRICHY	3



**FIGURE: COMPUTER CENTRE-II**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COMPUTER CENTRE -IV**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>SUPPLIERS NAME AND ADDRESS</b>	<b>QUANTITY</b>
1	DELL OPTIPLEX 3080-INTEL 15 PROCESSOR, 8GB DDR4RAM, 1 TB HDD, 19" LED MONITOR, USB KEYBOARD AND MOUSE	SIPCOT LIMITED ELECTRONIC – HARDWARE HITECH SEZ, SRIPERUMBUDUR, KANCHIPURAM DT	66
2	LASER PRINTER	GENUINE INFOTECH SOLUTIONS TRICHY	4
3	CISCO 24 PORT GIGABIT SWITCH	GENUINE INFOTECH SOLUTIONS TRICHY	3



**FIGURE:COMPUTER CENTRE-IV**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**HARDWARE AND TROUBLE SHOOTING LABORATORY**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>SUPPLIERS NAME AND ADDRESS</b>	<b>QUANTITY</b>
1.	Motherboard	Techzone, Karaikal	10
2.	SMPS	Techzone, Karaikal	10
3.	RAM	Techzone, Karaikal	10
4.	Hard Disk	Techzone, Karaikal	10
5.	Processor	Techzone, Karaikal	2
6.	Tool kit	Techzone, Karaikal	2
7.	Lan Cable RJ45	Techzone, Karaikal	1 Box
8.	Jack RJ 45	Techzone, Karaikal	1 Box
9.	Cable Tester	Techzone, Karaikal	1
10.	Crimping Tool	Techzone, Karaikal	1
11.	Board Tester	Techzone, Karaikal	1
12.	Cooling Paste	Techzone, Karaikal	1 Box
13.	CMOS Battery	Techzone, Karaikal	2 Roll
14.	VGA Cable	Techzone, Karaikal	10
15.	Power Cable	Techzone, Karaikal	10
16.	Monitor	Techzone, Karaikal	2



**Figure: Snapshot of Servicing the Laboratory Equipment**

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)-NAGAPATTINAM**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

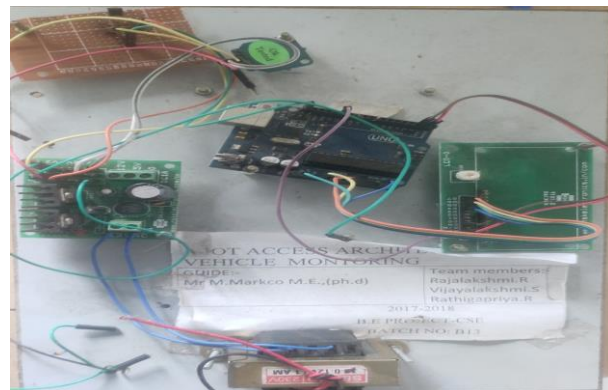
**PROJECT AND RESEARCH LABORATORY**

**LIST OF MAJOR EQUIPMENTS DETAILS**

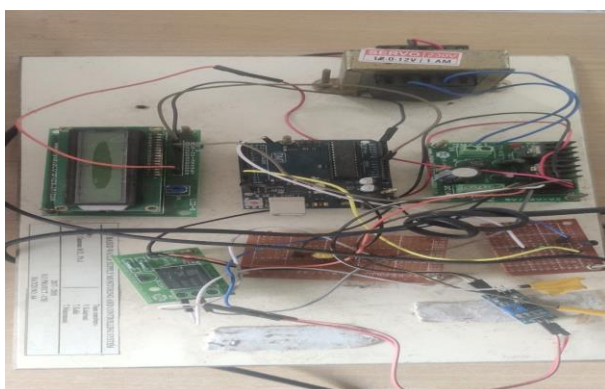
SI NO	DESCRIPTIONS	SUPPLIERS NAME AND ADDRESS	QUANTITY
1	DELL OPTIPLEX 3080- INTEL I5 PROCESSOR, 8GB DDR4 RAM, 1 TB HDD, 19 LED MONITOR, USB KEYBOARD AND MOUSE	SIPCOT LIMITED ELECTRONIC – HARDWARE HITECH SEZ, SRIPERUMBUDUR, KANCHIPURAM DT	30
2	LASER PRINTER	GENUINE INFOTECH SOLUTIONS TRICHY	2
3	CISCO 24 PORT GIGABIT SWITCH	GENUINE INFOTECH SOLUTIONS TRICHY	3



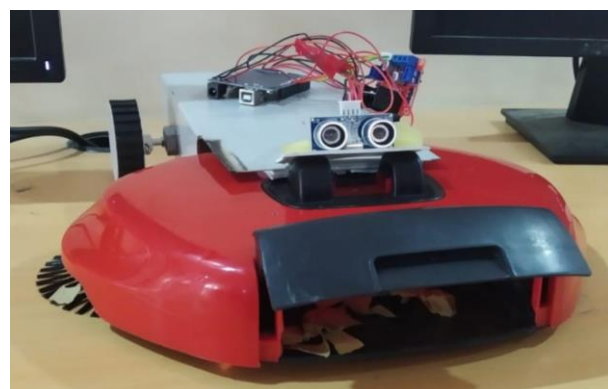
**Figure: Mobile Computer development**



**Figure: An IoT Architecture for vehicle monitoring**



**Figure: IoT Based water supply monitoring**



**Figure: Automated MOP for floor cleaning using IoT**

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)-NAGAPATTINAM**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**SERVER ROOM**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>QUANTITY</b>
1	DELL OPTIPLEX 3040- INTEL i3 PROCESSOR, 4 GB DDR4RAM, 500 GB HDD, 18.5' LED MONITOR, USB KEYBOARD & MOUSE	2
2	LENOVO THINK SERVER MODEL : ST550, INTEL XEON (1.7GHZ), MEMORY : 16GB (DDR3), HARD DISK : 1 TB, USB KB & MOUSE	1
3	IBM X3400 M3 SERVER, INTEL XEON E5507 QUARD CORE 2.26 GHZ PROCESSOR, 4 GB DDR3 RAM, 500 GB SATA HARD DISK, USB KB & MOUSE	1
4	CISCO 24 PORT GIGABIT SWITCH	3
5	SOPHOS XG FIREWALL	1
6	NUMERIC 6 KVA ONLINE UPS, WITH BATTERY.	9



**SERVER ROOM**

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)-NAGAPATTINAM**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COMMON COMPUTING CENTRE**

**LIST OF MAJOR EQUIPMENTS DETAILS**

<b>SI NO</b>	<b>DESCRIPTIONS</b>	<b>SUPPLIERS NAME AND ADDRESS</b>	<b>QUANTITY</b>
1	DELL OPTIPLEX 3080-INTEL I5 PROCESSOR, 8GB DDR4RAM, 1 TB HDD, 19" LED MONITOR, USB KEYBOARD AND MOUSE	SIPCOT LIMITED ELECTRONIC – HARDWARE HITECH SEZ, SRIPERUMBUDUR, KANCHIPURAM DT	30
2	HP TOWER 250, INTEL i3 PROCESSOR, 4 GB RAM, 500 GB HADD, 18.5 LCD MONITOR, USB KB & MOUSE	M/s VECTRA COMPUTER SOLUTONS, 41, 1 <sup>ST</sup> FLOOR, NORTH VELI STREET, MADURAI	30
3	LASER PRINTER	GENUINE INFOTECH SOLUTIONS TRICHY	3
4	CISCO 24 PORT GIGABIT SWITCH	GENUINE INFOTECH SOLUTIONS TRICHY	3



**FIGURE: COMMON COMPUTING**