

ANNEXURE – IV

DETAILS OF EQUIPMENTS IN LABS AND WORKSHOP INCLUDING COMPUTERS

**MECHANICAL WORKSHOP**

CENTRE LATHE

CAPSTAN LATHE

CNC LATHE

CNC MILLING

PLANER MACHINE

SHAPER MACHINE

MILLING MACHINE

DRILLING MACHINE, GRINDER

MIG WELDING MACHINE

ARC WELDING MACHINE

GAS WELDING

NON-FERROUS FOUNDRY

**MECHANICAL LAB**

UNIVERSAL TESTING MACHINE

IMPACT TESTING MACHINE

COMPRESSION TESTING MACHINE

ROCKWELL HARDNESS TESTING MACHINE

CALIBRATION OF BOURDEN TUBE PRESSURE GAUGE

DIFFERENTIAL

ELECTRICAL WIRING SYSTEM OF AUTOMOBILE

4 STROKE PETROL ENGINE

4 STROKE DIESEL ENGINE

2 STAGE AIR COMPRESSOR

BERNOULLI'S APPARATUS

FRANCIS TURBINE

CENTRIFUGAL PUMP

ORIEFICE COEF TEST RIG.

STATIC BALANCING

**CIVIL LAB**

SIEVE SHAKER

IMPACT LOAD TESTING MACHINE

OVEN

VICAT'S APPARATUS

CASAGRANDE'S APPRATUS

DUMPY LEVEL

AUTO LEVEL

HEODOLITE

CRUSING STRENGTH TESTING MACHINE

UNIVERSAL TESTING MACHINE

**ELECTRICAL LAB**

A.C INDUCTION MOTOR

3-0 SLIPRING INDUCTION MOTOR

3-0 SQUIRREL CAGE INDUCTION MOTOR

3-0 RECTIFIER

D.C SERIES MOTOR

D.C SHUNT MOTOR

D.C COMPOUND MOTOR

3-0 ALTERNATOR

EARTH FAULT RELAY

OVER CURRENT RELAY

**ETC LAB**

MICROWAVE TEST BENCH

FIBRE OPTIC TRAINER KIT

20 MHZ OSCILLOSCOPE

MICROPROCESSOR TRAINER KIT

AM/FM MODULATOR-DEMULATOR

AM/FM TRANSMITTER-RECEIVER

TV TRAINER KIT (COLOUR/BW)

MP3 PLAYER TRAINER KIT

SUPER-HETERODYNE RADIO RECEIVER KIT

ANTENNA TRAINER KIT

EPABX TRAINER KIT

TRANSMISSION LINE TRAINER KIT

FUNCTION GENERATOR

VPL-SPARTAN (XC 2550/100) -> (VLSI)

VPL-RM TRAINER KIT -> (MICROCONTROLLER AND EMBEDDED LAB)

### **COMPUTER LAB**

SL. PARTICULARS

1 NO. OF COMPUTER TERMINALS (AVAILABILITY: 195)

2 HARDWARE SPECIFICATION

**CELERON** – CELERON PC, 64MB RAM, 700MHZ. 1.44 MB FDD, 20GB HDD, MICROTECH 5 VGA MONITOR, MM KEYBOARD, 107 KEYS, MM SPEAKER (AVAILABILITY: 02 NOS.)

**ESYS** – P4-2.8 GHZ DUAL CORE, 256 MB RAM, 1.44 FDD, ATX CABINET, 80 GB HDD, ASUS M.B, KEYBOARD, MOUSE, CD ROM (52X) (AVAILABILITY: 15 Nos.)

**ZENNITH** – INTEL PENTIUM-P4, 1.6 GHZ, 40 GB HDD, 1.44 HDD, 52X CD ROM, 256 MB RAM, MM KEYBOARD, SCROLL BAR MOUSE, ATX CABINET, 15" COLOR MONITOR, 700 SPEAKER (AVAILABILITY: 10 Nos.)

**UMAX** – INTEL CORE 2 DUO PROCESSOR, (2.2 GHz) INTEL 945 GCPE M.B, DDR-1 GB, SONY DVD RW, LOGITECH COMBO BCO (AVAILABILITY: 11 Nos.)

**ODYSSEY** – INTEL ORIGINAL CORE 2 DUO, 17" COLOR MONITOR, 2.66 GHZ, MM KEYBOARD MOUSE, DVD COMBO, INBUID MODEM, 128 MB DDR (AVAILABILITY: 11 Nos.)

**INTEL** – P4 PROCESSOR 1.6 GHz, DUAL CORE, INTEL 945 M.B, 160 HDD(SATA), COMBO DRIVE(SONY) 512 MB DDR, D-LINK INTERNAL MODEM (AVAILABILITY: 31 Nos.)

**HP** - (AVAILABILITY: 01 Nos.)

**DELL** - (AVAILABILITY: 05 Nos.)

**COMPAQ** - (AVAILABILITY: 02 Nos.)

**HCL** - (AVAILABILITY: 01 Nos.)

**ASSEMBLED** - (AVAILABILITY: 71 Nos.)

3 NO. OF TERMINALS OF LAN/WAN - (15(LOCAL AREA NETWORK)

05 Nos. (BLUETOOTH)

04 Nos. (WIRELESS NETWORK)

10 Nos. )

4 RELEVANT LEGAL SOFTWARE

WINDOWS-XP, WINDOWS 7 , VISUAL BASIC, FOXPRO 2.6, ORACLE 9i, ORACLE 8i,

JAVA-1.3 MSOFFICE – XP, OFFICE – 2000, OFFICE-2007 , ANTI VIRUS(QUICK HEAL),

LANGUAGE C,C++, ADOBE PHOTOSHOP, ADOBE PREMIER, DIRECTOR 8.0, SOUND FORGE

5 PERIPHERAL(S)/PRINTER - LASER PRINTER 08 Nos. DMP- 01 (LQ  
1050+DX)INKJET-01 (FOUR IN ONE)

6 INTERNET ACCESSIBILITY BROADBRAND  
CONNECTION – 48  
MBPS  
WIMAX

7 L.C.D. PROJECTOR 01 No.

8 UPS 5 KVA ONLINE UPS FOR 1 HOUR BACKUP  
(15 PCs EACH) 04 Nos. (MICROTECH-  
01,APC-.01, REAL POWER-01,  
P.MASTER-01)

