**Proforma for Affiliation to Haryana State Board of Technical Education**

**Bays 7-12, Sector-4, Panchkula-134112**

**INSTITUTE CODE:­­­­­­­­­­­­ 018**

**PART-A: GENERAL INFORMATION**

|  |  |
| --- | --- |
| **Society / Trust / Company (U/S 25)** | |
| Name & Address of the Society / Trust / Company (U/S 25 of Companies Act, 1956): | Vaish Education Society (VES) |
| Complete Postal address: | Behind Railway Station, Rohtak |
| Society / Trust / Company Registration Number | Society registered on dated 14/07/1919. Revised Certificate of Registration with Registration No. 00578 dt. 20-01-2014 is attached at ***Annexure 1*** |
| Date of Registration / Place of Registration | 14/07/1919, Lahor |
| Name of the Chairman / President of the Society / Trust / Company | Sh. Vikas Goyal |
| STD code & Telephone No. (LL)  Mobile No. | 01262-248596, 9215959002 |
| Fax No. | 01262-248596 |
| E-mail | vesrtk123@gmail.com |
| **Institution** | |
| Name of the Institution run by the Trust / Society / Company: | Vaish Technical Institute |
| Complete Postal address: | Behind Railway Station, Rohtak |
| STD code & Telephone No. (LL)  Mobile No. | 01262-248572 |
| Fax No. | 01262-248572 |
| E-mail | [vtirohtak@hry.nic.in](mailto:vtirohtak@hry.nic.in) |
| Type of the Institute (Write the appropriate one) | Aided (Copy of Registration documents of Society is enclosed as ***Annexure 1***) |
| Year of starting of the Institute | 1957 |
| Name of the Principal of the Institute | Dr. Ramesh Bansal |
| Qualifications | PH.D |
| Date of Joining of the Institute | 08-08-1990 |
| Contact Nos. (LL with STD Code /Mobile No.) | 01262-248572, 9416311721 |
| E-mail | [vtirohtak@hry.nic.in](mailto:vtirohtak@hry.nic.in) |

**PART-B: DETAILS OF THE LAND**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Classification of the Permanent Site | Mega / Metro | **√**Urban | | Non-Urban | | |
| Town and Country Planning Dept. | | | | | |
| Development Authority | | | | | |
| State Revenue Authority | | | | | |
| Land (Area in acres) | 25 Acre | | | | | |
| Ownership of Land | Government |  | **√**Trust | |  | Society |
|  | Govt. Leased |  | Owned | |  | Company (U/S 25) |
| Resolution of Society for use of ear marked Land for establishment of Polytechnic | Attached as ***Annexure 2*** | | | | | |
| No encumbrances certificate (contiguous-in single patch) | Attached as ***Annexure 3*** | | | | | |
| Change of Land Use Certificate (CLU) | NA | | | | | |
| Khasra Plan / Master Plan | Town and Country Planning Dept. | | | | | |
| **√**Development Authority. Attached as ***Annexure 4*** | | | | | |
| Revenue Authority | | | | | |
| Site Plan | Town and Country Planning Dept. | | | | | |
| Development Authority | | | | | |
| Revenue Authority | | | | | |
| **√**Municipal Authority. Attached as ***Annexure 5*** | | | | | |
| Building Plan | Total built-up area | | | | | |
| Development Authority | | | | | |
| Revenue Authority | | | | | |
| **√**Municipal Authority. Attached as ***Annexure 6*** | | | | | |
| Occupancy certificate | Attached as ***Annexure 7*** | | | | | |
| Structural stability certificate issued by Registered Structural Engineer | Yes. Attached as ***Annexure 8*** | | | | | |
| Access to the site | National Highway | | | | | |
| NOC from Local Fire Service Authorities (to ensure fire and life safety measures) | No | | | | | |
| Whether Earth leakage circuit breaker (ELCB) provided? | Yes | | | | | |
| Whether Ramp provided for *Divyang* for easy access to and evacuation from the building? | Yes | | | | | |
| Whether any High tension electric line pass across the premises? | Yes | | | | | |

**PART- C: APPROVAL STATUS OF THE INSTITUTE**

(for the previous session;attach copy of all the approval/affiliation letters)

|  |  |  |  |
| --- | --- | --- | --- |
| **Approving authority** | **Letter Number** | **Date** | **Annexures** |
| Copy of last AICTE approval letter | F. No. North-West/1-3512871897/2018/EOA | 10-Apr-2018 | ***Annexure 9*** |
| Copy of last affiliation letter of HSBTE | 13 | 15-05-2017 | ***Annexure 10*** |
| Copy of NOC of State Government | Not required | ---- | ***----*** |

**PART-D: ORGANIZATION, GOVERNANCE AND ADMINISTRATION**

1. **Constitution of BOG with detailed qualification, experience of all the members**

**NOTE:** 1. Provide the details of all the members as per **Annexure –A**

2. At least two meetings shall be held in a year

Is BOG constituted as per AICTE/ PCI / HSBTE Norms. Yes

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NAME AND ADDRESS OF THE MEMBERS OF THE GOVERNING BODY AS PER THE COMPOSITION PRESCRIBED BY AICTE** | | | | | | | |
| **S. No** | **Name** | **Position** | **Qualification** | **Present Professional position / Occupation** | **Telephone Numbers** | **E-mail** | **Address** |
| 01. | Sh. Vikas Goyal | Chairman | B. Com | Business | 9215959002 | [Vesrtk123@gmail.com](mailto:Vesrtk123@gmail.com) | 415/19, shakti Nagar, Green Road Rohtak |
| 02. | Dr. Ramesh Bansal, Offg. Principal, VTI | Member Secretary | Msc. Math, Ph.D. | Service | 9416311721 | [vtirohtak@hry.nic.in](mailto:vtirohtak@hry.nic.in) | 72/34, Janta Colony Rohtak |
| 03. | Sh. Sanjay Singhal, Vice President VES | Members | D. Pharma | Business | 9416210421 | [Vesrtk123@gmail.com](mailto:Vesrtk123@gmail.com) | 244/19, Nai Basti, Bahadurgarh |
| 04. | Sh. Pawan Mittal, Treasurer VES | Graduate | Business | 9811599882 | [Vesrtk123@gmail.com](mailto:Vesrtk123@gmail.com) | 435A/34, Janta Colony Rohtak |
| 05. | Sh. Rajesh Nawal, Executive Member | B. Tech. |  | 9812017207 |  | 692/3, Nawal Villa, Babra Mohalla Rohtak |
| 06. | Secy. Tech. Edu. Govt. of Haryana |  |  |  |  |  |
| 07. | DGTE Haryana |  |  |  |  |  |
| 08. | Regional Officer, AICTE |  |  |  |  |  |
| 09. | Accounts Officer, Tech. Edu. Haryana |  |  |  |  |  |
| 10. | Sh. Praveen Jindal |  | Business |  |  |  |
| 11. | Sh. Anil Kumar Tomar | Staff Nominee | B.E(E&C) | Service | 9468115007 | [Aniltomar4166@yahoo.com](mailto:Aniltomar4166@yahoo.com) | 94, Subhash Nagar Rohtak |

Whether Anti-ragging committee *(As per All India Council for Technical Education notified regulation for prevention and prohibition of ragging in AICTE approved technical Institutions vide No. 37-3/Legal/AICTE/2009 dated 01.07.2009)* constituted, displayed in the campus of the institute and hoisted on the website of institute?

**Yes**

Whether Grievance Redressal Committee in the Institute. *(As per All India Council for Technical Education (Establishment of Mechanism for Grievance Redressal) Regulations, 2012, F. No. 37-3/Lega112012, dated 25.05.2012)* constituted, displayed in the campus of the institute and hoisted on the website of institute?

**Yes**

Whether Internal Complaint Committee (ICC) (As per section 4 of Sexual Harassment of Women at Workplace *(Prevention, Prohibition and Redressal) Act, 2013)* constituted, displayed in the campus of the institute and hoisted on the website of institute?

**Yes**

Whether Committee for SC/ST *(As per the Scheduled Castes and the Scheduled Tribes (prevention of Atrocities) act, 1989, No. 33 of 1989, dated 11.09.1989)* constituted, displayed in the campus of the institute and hoisted on the website of institute?

**Yes**

**PART- E: STAFF STATUS & REQUIREMENT**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **a** | | **FACULTY AND STAFF REQUIREMENTS [FIRST, SECOND YEAR & THIRD YEAR]** | | | | | | | |
| **S.No** | **Discipline** | | **Sanct.**  **Intake** | **HOD** | | **Lecturer** | | **TOTAL** | **AICTE NORMS & GUIDELINES** |
| 1. | **FIRST YEAR** | | 420 |  | | | | | |
|  | English | |  | - | | 2 | | 2 | **Faculty : Student Ratio = 1 : 20**  **Principal : 1**  **HOD : 1 per Dept.**  **Lecturer : Intake / 20** |
|  | Mathematics | |  | 1 | | 1 | | 2 |
| Physics | |  | --- | | 2 | | 2 |
| Chemistry | |  | --- | | 1 | | 1 |
| Engineering | |  | -- | | 1 | | 1 |
| 2. | **SECOND YEAR** | |  | | | | | |
|  | CIVIL | |  | 1 | | 5 | | 6 |
|  | MECHANICAL | |  | 1 | | 6 | | 7 |
| ELECTRICAL | |  | 1 | | 6 | | 7 |
| ECE | |  | 1 | | 6 | | 7 |
| AUTOMOBILE | |  | 0 | | 6 | | 6 |
| LIS | |  | 0 | | 4 | | 4 |
| OMCA | |  | 0 | | 4 | | 4 |
| 3. | **THIRD YEAR** | |  |  | |  | |  |
|  | CIVIL | |  | -- | | 3 | | 3 |
| MECHANICAL | |  | -- | | 3 | | 3 |
| ELECTRICAL | |  | -- | | 3 | | 3 |
| ECE | |  | -- | | 3 | | 3 |
| AUTOMOBILE | |  | -- | | 3 | | 3 |
| LIS | |  | -- | | 1 | | 1 |
| OMCA | |  | -- | | 2 | | 2 |
|  | **TOTAL** | |  | 5 | | 44 | | 49 |  |
| (i) | TOTAL SANCTIONED INTAKE | | | | | | : | 420 x 3 = 1260 (605 students on Roll) | |
| (ii) | TOTAL STAFF REQUIRED [at the ratio of 1 : 20] | | | | | | : | 63 (30) | |
| (iii) | **TOTAL STAFF AVAILABLE [ON THE PAY ROLL] -** | | | | | | : | 49 | |
| (iv) | **STAFF STUDENT RATIO [BASED ON PAYROLL] -** | | | | | | : | 01 : 13 | |
| 2. | Principal | | | | | | : | -- | **ONE** |
| 3. | Librarian | | | | | | : | 01 | **ONE** |
| 4. | Physical Education Director | | | | | | : | 01 | **ONE** |
| 5. | Non-Teaching Technical Staff : | | | | FOREMAN | | : | 3 | *The ratio between the Foreman to Workshop Instructor = 1 : 5 for the entire 3 years* |
|  | WORKSHOP INSTRUCTOR | | | | | | : | 14 |
|  | SKILLED / LAB ASSISTANTS | | | | | | : | 07 | *One Lab. Assistant for each laboratory* |
|  | UNSKILLED ASSISTANTS | | | | | | : | 0 | *One Assistant for each Department* |
| 6. | Number of Ministerial Staff | | | | | | : | 13 | *As per Institutions requirement* |
| 7. | Number of Basic Servants | | | | | | : | 30 | *As per Institutions requirement* |
| 8. | Whether AICTE Pay Scales implemented | | | | | | : | YES / NO :**State Govt. Scale** | |

**The faculty details for all the 03 years for the various diploma courses being offered by the institute be elaborated course wise as per the AICTE APH 2018-19 (tabulated above) in the table given below:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NAME OF THE PRINCIPAL** | | | | **:** | **Dr. Ramesh Bansal, HOD Applied Sciences & Offg. Principal** | | | | | |
| **Stamp Size Photo** | **Date of Birth & Age** | **Qualification with Class obtained starting from the highest Degree** | **Corresponding Specialization** | | | **Date of Joining** | **Scale of Pay** | **Present Basic Pay** | **Total**  **emoluments** | **Signature** |
| **D:\Deepak Bansal\staff i card\teaching\AP01.jpg** | 28-02-1962 | PH.D | Maths | | | 08-08-1990 | FPL-12 | 109100 | 119108 |  |
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| **PRINCIPAL - EXPERIENCE** | | | | | |
| **Teaching** | | | **Industry** | | | |
| **Institution** | **Position** | **Years** | **Institution** | **Position** | **Years** | |
| VTI, Rohtak | Lecturer | 15 | -- | -- | -- | |
| VTI, Rohtak | Sr.Lecturer | 04 | -- | -- | -- | |
| VTI, Rohtak | HOD | 09 | -- | -- | -- | |

**NOTE: Faculty Cadre Qualifications and pay scales shall be as per Haryana Government / AICTE.**

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| **TEACHING FACULTY - QUALIFICATION** | | | | | | | | | | |
| **Name of the Faculty Member with Stamp Size Photo** | **Designation** | **Department** | **Qualification with Class obtained starting from the highest Degree** | **Corresponding Specialization** | **Date of Birth & Age** | **Date of Joining** | **Scale of Pay** | **Present Basic Pay** | **Total**  **emoluments** | **Signature** | |
| Satish Kumar  D:\Deepak Bansal\staff i card\teaching\AP02.jpg | Sr. Lecturer | App, Sc. | Ist Class, M.Sc. | Physics | 27-07-1967 | 14-10-1992 | FPL-11 | 102500 | 111907 |  | |
|  |  |
|  |  |
|  |  |
| Neeti Jain  scan0007 | Lecturer | App. Sc. | M.Phil | Math. | 25-03-1983 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
| Ist Class M.Sc. | Math. |
|  |  |
|  |  |
| Pooja Gupta  D:\Deepak Bansal\staff i card\teaching\AP04.jpg | Lecturer | App. Sc. | Ist Class M.A. | English | 10-08-1988 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
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|  |  |
|  |  |
| Shalu Garg  D:\Deepak Bansal\staff i card\teaching\AP05.jpg | Lecturer | App. Sc. | Ist Class M.Sc. | Chemistry | 03-04-1986 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
|  |  |
|  |  |
|  |  |
| Anupma Aggarwal  scan0004 | Lecturer | App. Sc. | M.Phil | English | 06-02-1983 | 17-06-11 (A.N.) | FPL-9 | 63300 | 75977 |  | |
| Ist Class M.A. | English |
|  |  |
|  |  |
| Virender Singh Dalal  D:\Deepak Bansal\staff i card\teaching\CI01.jpg | HOD | Civil | Ist Class ME | Civil | 30-03-1963 | 02-08-1982 | FPL-12 | 102500 | 111954 |  | |
| AMIE Civil |  |
|  |  |
|  |  |
| Ram Charan  D:\Deepak Bansal\staff i card\teaching\CI02.jpg | Sr. Lecturer | Civil | Ist Class ME | Civil | 26-08-1962 | 15-04-1983 | FPL-11 | 102500 | 111980 |  | |
| AMIE Civil |  |
|  |  |
|  |  |
| Anil Kumar Aggarwal  D:\Deepak Bansal\staff i card\teaching\CI03.jpg | Lecturer | Civil | Ist Class ME | Civil | 15-05-1965 | 02-08-1984 | FPL-9 | 102500 | 111980 |  | |
| AMIE Civil |  |
|  |  |
|  |  |
| Sanjeev Kumar  D:\Deepak Bansal\staff i card\teaching\CI04.jpg | Lecturer | Civil | Ist Class ME | Civil | 14-08-1967 | 16-10-1987 | FPL-9 | 102500 | 111980 |  | |
| AMIE Civil |  |
|  |  |
|  |  |
| Anil Kumar Goyal  6 | Lecturer | Civil | Ist Class BE | Civil | 02-08-1963 | 02-05-1994 | FPL-9 | 102500 | 111907 |  | |
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| N. K. Jain  D:\Deepak Bansal\staff i card\teaching\ET01.jpg | HOD | Electrical | Ist Class AMIE | Elect. | 04-01-1963 | 05-10-1987 | FPL-12 | 108800 | 114740 |  | |
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| Sanjay Gupta  D:\Deepak Bansal\staff i card\teaching\ET02.jpg | Lecturer | Electrical | Ist Class  B.Tech(Hons) | Electrical | 09-02-1970 | 13-04-1991 | FPL-9 | 102500 | 111980 |  | |
|  |  |
|  |  |
|  |  |
| Nitin Garg  DSC_0022 | Lecturer | Electrical | Ist Class BE | Electrical | 16-09-1987 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
|  |  |
|  |  |
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| Anil Kumar Gupta  D:\Deepak Bansal\staff i card\teaching\ME01.jpg | HOD | Mechanical | Ist Class BE | Mechanical | 13-08-1959 | 04-08-1980 | FPL-12 | 102500 | 111954 |  | |
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| Sunil Kumar  D:\Deepak Bansal\staff i card\teaching\ME03.jpg | Sr. Lecturer | Mechanical | Ist Class B.Tech. | Mechanical | 08-08-1971 | 23-02-1994 | FPL-11 | 102500 | 111907 |  | |
|  |  |
|  |  |
|  |  |
| Amit Kumar Gupta  DSC_0024 | Lecturer | Mechanical | Ist Class BE | Mechanical | 24-01-1987 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
|  |  |
|  |  |
|  |  |
| Amit Chaudhary  scan0003 | Lecturer | Mechanical | Ist Class BE | Mechanical | 13-02-1986 | 28-04-2011 | FPL-9 | 63300 | 75977 |  | |
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|  |  |
| Rajan Sarin  D:\Deepak Bansal\staff i card\teaching\AU01.jpg | Sr. Lecturer | Automobile | Ist Class BE | Mechanical | 01-12-1966 | 01-09-1989 | FPL-11 | 102500 | 111980 |  | |
|  |  |
|  |  |
|  |  |
| Rajesh Katyal  17 | Lecturer | Automobile | Ist Class BE | Mechanical | 10-10-1961 | 18-09-1989 | FPL-9 | 34600 | 86654 |  | |
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| Dinesh Kumar  D:\Deepak Bansal\staff i card\teaching\AU02.jpg | Lecturer | Automobile | 2nd Class AMIE | Mechanical | 01-11-1963 | 01-08-1988 | FPL-9 | 102500 | 111907 |  | |
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|  |  |
| Anil Jain  D:\Deepak Bansal\staff i card\teaching\AU03.jpg | Lecturer | Automobile | Ist Class Diploma | Mechanical | 21-02-1964 | 27-01-1987 | FPL-9 | 95800 | 104681 |  | |
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| Sanjeev Kr. GuptaD:\Deepak Bansal\staff i card\teaching\EC01.jpg | HOD | ECE | BE | E&T | 10-10-1967 | 11-10-1989 | FPL-12 | 115800 | 126394 |  | |
| Anil Kumar  20 | Sr. Lecturer | ECE | Ist Class BE | Electronics | 04-01-1966 | 22-01-1990 | FPL-11 | 102500 | 108125 |  | |
|  |  |
|  |  |
|  |  |
| Bindu Singh  D:\Deepak Bansal\staff i card\teaching\EC03.jpg | Lecturer | ECE | Ist Class AMIE | Electronics | 31-01-1967 | 20-08-1988 | FPL-9 | 102500 | 108125 |  | |
|  |  |
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|  |  |
| Vikas Jain  D:\Deepak Bansal\staff i card\teaching\EC04.jpg | Lecturer | ECE | Ist Class BE | Electronics | 21-08-1973 | 04-06-1997 | FPL-9 | 96600 | 105562 |  | |
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| Sushil Sharma  D:\Deepak Bansal\staff i card\teaching\EC05.jpg | Lecturer | ECE | 2nd Class BE | Electronics | 22-02-1968 | 11-11-1997 | FPL-9 | 96600 | 105491 |  | |
|  |  |
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|  |  |
| Sanjay Tayal  D:\Deepak Bansal\staff i card\teaching\EC06.jpg | Lecturer | ECE | 2nd Class BE | Electronics | 20-04-1975 | 23-12-1998 | FPL-9 | 93800 | 102475 |  | |
|  |  |
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|  |  |
| Pawan Kumar  D:\Deepak Bansal\staff i card\teaching\OM01.jpg | Lecturer | OMCA | Ph.D | Commerce | 26-10-1967 | 01-02-1993 | FPL-9 | 102500 | 111907 |  | |
| Ist Class M.Com. | Commerce |
|  |  |
|  |  |
| Sushil Kumar  D:\Deepak Bansal\staff i card\teaching\OM02.jpg | Lecturer | OMCA | Ph.D | Commerce | 16-01-1967 | 28-08-1992 | FPL-9 | 102500 | 111907 |  | |
| Ist Class M.Com. | Commerce |
|  |  |
|  |  |
| Meera Gupta  30 | Lecturer | OMCA | Ph.D | Commerce | 23-12-1962 | 17-08-1987 | FPL-9 | 102500 | 111907 |  | |
| 2nd Class M.Com. | Commerce |
|  |  |
|  |  |
| Kanchan Bala  31 | Lecturer | OMCA | Ist Class M.Com. | Stenography/Commerce | 16-12-1970 | 04-06-1997 | FPL-9 | 96600 | 105562 |  | |
|  |  |
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|  |  |
| 2nd Class M.Lib. | Lib. Sc. |
|  |  |
|  |  |
| Kanta Devi  D:\Deepak Bansal\staff i card\teaching\LI01.jpg | Lecturer | LIS | 2nd Class M.Lib. | Lib.Sc. | 01-03-1962 | 21-08-1986 | fl-9 | 99500 | 104975 |  | |
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|  |  |
| Deepak  Deepak_Pics | Programmer | Institute | 1st Class BE | Computer | 08-10-1983 | 10-05-2011 | FPL-9 | 63300 | 75977 |  | |
| 1st Class MBA | Finance |
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| **TEACHING FACULTY - EXPERIENCE** | | | | | | | |
| **S.No** | **Name of the faculty Member** | **Teaching** | | | **Industry** | | | |
| **Institution** | **Position** | **Years** | **Institution** | **Position** | **Years** | |
| 1 | Satish Kumar | VTI Rohtak | Lecturer | 20 | -- |  |  | |
|  | Sr. Lect. | 05 |  |  |  | |
| 2 | Neeti Jain | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 3 | Pooja Gupta | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 4 | Shalu Garg | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 5 | Anupma | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 6 | Virender Singh Dalal | VTI Rohtak | Demonstrator | 06 |  |  |  | |
|  | Lecturer | 20 |  |  |  | |
|  | Sr.Lect. | 03 |  |  |  | |
|  | HOD | 06 |  |  |  | |
| 7 | Ram Charan | VTI Rohtak | Demonstrator | 05 |  |  |  | |
|  | Lecturer | 30 |  |  |  | |
| 8 | Anil Kumar Aggarwal | VTI Rohtak | Demonstrator | 04 |  |  |  | |
|  | Lecturer | 29 |  |  |  | |
| 9 | Sanjeev Kumar | VTI Rohtak | Demonstrator | 03 |  |  |  | |
|  | Lecturer | 27 |  |  |  | |
| 10 | Anil Kumar Goyal | VTI Rohtak | Lecturer | 23 |  |  |  | |
| 11 | Naresh Kumar Jain | VTI Rohtak | Demonstrator | 01 |  |  |  | |
|  | Lecturer | 10 |  |  |  | |
|  | Sr.Lect. | 07 |  |  |  | |
|  | HOD(As per court orders) | 12 |  |  |  | |
| 12 | Sanjay Gupta | VTI Rohtak | Lecturer | 27 |  |  |  | |
| 13 | Nitin Garg | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 14 | Anil Kumar Gupta | VTI Rohtak | Demonstrator | 08 |  |  |  | |
|  | Lecturer | 17 |  |  |  | |
|  | Sr.Lect. | 07 |  |  |  | |
|  | HOD | 04 |  |  |  | |
| 15 | Sunil Kumar | VTI Rohtak | Lecturer | 24 |  |  |  | |
| 16 | Amit Kumar Gupta | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 17 | Amit Chaudhary | VTI Rohtak | Lecturer | 06 |  |  |  | |
| 18 | Rajan Sarin | VTI Rohtak | Lecturer | 28 |  |  |  | |
| 19 | Rajesh Katyal | VTI Rohtak | Lecturer | 24 | LPS Ltd, Rohtak | Mgt. Trainee | 01 | |
|  |  |  | BST Ltd., Ganaur | Asstt. Engineer | 01 | |
| 20 | Dinesh Kumar | VTI Rohtak | Demonstrator | 02 | LPS Ltd, Rohtak | Engineer Production | 04 | |
|  | Lecturer | 27 |  |  |  | |
| 21 | Anil Jain | VTI Rohtak | Demonstrator | 09 |  |  |  | |
|  | Lecturer | 22 |  |  |  | |
| 22 | Sanjeev Kumar Gupta | VTI Rohtak | Lecturer | 08 |  |  |  | |
|  | Sr. Lect. | 14 |  |  |  | |
|  | HOD | 06 |  |  |  | |
| 23 | Anil Kumar | VTI Rohtak | Lecturer | 28 |  |  |  | |
| 24 | Bindu Singh | VTI Rohtak | Lab. Technician | 07 |  |  |  | |
|  | Lecturer | 22 |  |  |  | |
| 25 | Vikas Jain | VTI Rohtak | Lecturer | 20 |  |  |  | |
| 26 | Sushil Sharma | VTI Rohtak | Lecturer | 20 |  |  |  | |
| 27 | Sanjay Tayal | VTI Rohtak | Lecturer | 19 |  |  |  | |
| 28 | Pawan Kumar | VTI Rohtak | Lecturer | 25 |  |  |  | |
| 29 | Sushil Kumar | VTI Rohtak | Lecturer | 25 |  |  |  | |
| 30 | Meera Gupta | VTI Rohtak | Lecturer | 30 |  |  |  | |
| 31 | Kanchan Bala | VTI Rohtak | Lecturer | 20 |  |  |  | |
| 32 | Kanta Devi | VTI Rohtak | Lecturer | 31 |  |  |  | |
| 33 | Deepak | VTI Rohtak | Programmer | 06 | IFCI Venture Capital Funds, Ltd., New Delhi | Analyst | 02 | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LIBRARIAN AND PHYSICAL EDUCATION DIRECTOR** | | | | | | | | | |
| **Name of the Faculty Member with Stamp Size Photo** | **Designation** | **Qualification with Class obtained starting from the highest Degree** | **Previous Experience** | **Date of Birth & Age** | **Date of Joining** | **Scale of Pay** | **Present Basic Pay** | **Total**  **emoluments** | **Signature** |
| Jayant Kumar Sharma  scan0010 | Junior Librarian | Ist Class B.Lib. | 03 Years | 10-07-80 | 29-04-2011 | FPL-6 | 39900 | 46585 |  |
|  |
|  |
| Manjit  scan0002 | PTI | M.Phil Phy.Edu. | 08 Years | 24-02-71 | 28-04-2011 | FPL-6 | 50500 | 60730 |  |
| Ist Class M.P.Ed. |
|  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WORKSHOP AND TECHNICAL SUPPORTING STAFF** | | | | | | | | | | | | |
| **S.**  **No** | **Name of the Staff** | **Department** | **Laboratory** | **Designation** | **Qualification** | **Previous Experience** | **Date of Birth & Age** | **Date of Joining** | **Scale of Pay** | **Present Basic Pay** | **Total**  **emoluments** | **Signature** |
| 1 | Shiv Rattan Gupta | Electrical | W/Shop | W/Shop Instr. | Diploma in Electircal | -- | 30-12-60 | 06-08-84 | FPL-6 | 68000 | 74405 |  |
| 2 | Balwan Singh | W/Shop | W/Shop | Foreman | ITI Black Smithy | -- | 12-02-63 | 17-09-84 | FPL-6 | 66000 | 72238 |  |
| 3 | Murli Dhar Mangla | W/Shop | W/Shop | Foreman | CTI Machinist | 06 | 05-06-61 | 20-08-86 | FPL-6 | 66000 | 72238 |  |
| 4 | Mohinder | W/Shop | W/Shop | Foreman | ITI Pattern Making | 01 | 05-04-63 | 01-09-87 | FPL-7 | 64100 | 70201 |  |
| 5 | Sunil Kumar | W/Shop | W/Shop | W/Shop Instr. | CTI Radio & TV | 01 | 15-08-67 | 21-09-89 | FPL-6 | 60400 | 66169 |  |
| 6 | Vijay Pal | W/Shop | W/Shop | W/Shop Instr. | CTI Welding | 01 | 10-12-68 | 10-08-90 | FPL-6 | 60400 | 66169 |  |
| 7 | Gopal Dass | W/Shop | W/Shop | W/Shop Instr. | CTI Fitting | 05 | 15-05-63 | 02-04-93 | FPL-6 | 60400 | 63920 |  |
| 8 | Mangal Singh | W/Shop | W/Shop | W/Shop Instr. | ITI Motor Mechanic | 01 | 04-04-61 | 01-02-93 | FPL-6 | 60400 | 66165 |  |
| 9 | Manish Kumar | Mechanical | Lab. | Lab.Instt. | BE Mech. | -- | 21-06-86 | 28-04-11 | FPL-6 | 39900 | 48090 |  |
| 10 | Atul Kumar | Electrical | Lab. | Lab.Instt. | Diploma Electrical | -- | 18-11-89 | 28-04-11 | FPL-6 | 39900 | 48090 |  |
| 11 | Pooja Tyagi | Civil | Lab. | Lab.Instt. | Diploma Civil | -- | 05-03-86 | 11-05-11 | FPL-6 | 39900 | 47660 |  |
| 12 | Randhir Singh | Institute | Institute | Lab.Attendent | Matric | -- | 08-10-66 | 01-01-91 | FPL-2 | 36400 | 40069 |  |
| 13 | Surender Kumar | Electrical | Lab. | Lab.Attendent | Matric | -- | 02-01-62 | 16-10-85 | FPL-2 | 36400 | 40069 |  |
| 14 | Surender Parshad | LIS & OMCA | Lab. | Lab.Attendent | Matric | -- | 05-07-63 | 17-08-84 | FPL-2 | 36400 | 40069 |  |
| 15 | Sanjay Singh | Library | Library | Library Assistant | Diploma in Lib.Sc. | -- | 10-08-87 | 29-04-11 | FPL-2 | 23800 | 28874 |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MINISTERIAL STAFF** | | | | | | | | | | | |
| **S.**  **No** | **Name of the Staff** | **Place of Work** | **Designation** | **Qualification** | **Previous Experience** | **Date of Birth & Age** | **Date of Joining** | **Scale of Pay** | **Present Basic Pay** | **Total**  **emoluments** | **Signature** |
| 1 | Anil Kumar | Office | Asst.-cum-Acctt. | Matric+Dip.OMST | Nil | 04-10-61 | 24-10-80 | FPL-6 | 49000 | 53726 |  |
| 2 | Pardeep Kumar | Office | Asst.-cum-Acctt. | Graduate | Nil | 21-04-62 | 19-09-83 | FPL-6 | 49000 | 53653 |  |
| 3 | Bijender Kumar | Office | Asst.-cum-Acctt. | Prep | Nil | 10-08-63 | 07-01-85 | FPL-6 | 49000 | 53653 |  |
| 4 | Shashi Bala | Office | Steno Typist | MCA | Nil | 15-01-70 | 02-11-92 | FPL-2 | 43400 | 47706 |  |
| 5 | Rakesh Kumar | Office | Clerk | Matric | Nil | 23-04-66 | 21-12-01 | --- | 11600 | 22280 |  |
| 6 | Sunder Lal | Office | Clerk | Matric | Nil | 29-04-66 | 01-06-88 | --- | 11280 | 21615 |  |
| 7 | Suresh | Automobile Deptt. | Driver | Matric | Nil | 05-06-63 | 17-11-99 | FPL-4 | 47400 | 56047 |  |
| 8 | Sat Pal | Automobile Deptt. | Driver | Middle | Nil | 12-05-68 | 17-11-99 | FPL-4 | 47400 | 52074 |  |

**PART F: INFRASTRUCTURAL FACILITIES**

Norms for Land requirement and built-up area for Diploma Level Technical Institution (for Diploma Courses as per AICTE APH 2017-18)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PHYSICAL INFRASTRUCTURE - COMPLETE DETAILS OF BUILT-UP AREA** | | | | | |
| **S.**  **No** | **Built-up (Carpet) Area** | **FIRST YEAR , SECOND YEAR & THIRD YEAR** | | | |
| **Type of Structure [RCC/ACC]** | **Required Area**  **[sq.m] as per AICTE** | **Available Area**  **[sq.m]** | **Shortfall, if any** |
| (a) | Instructional area [INA] | RCC |  | 6690 |  |
| (b) | Administrative area [ADA] | RCC |  | 1002 |  |
| (c) | Amenities area [AMA] | RCC |  | 3988 |  |
| (d) | Circulation area [CIA] | RCC |  | 5082 |  |
| *[CIA = 0.25 x (INA+ADA+AMA)]* | | **TOTAL AREA :** |  | 16762 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADMINISTRATIVE AREA REQUIREMENT FOR DIPLOMA COURSES** | | | | |
| **Particulars** | **Number of rooms required** | **Minimum Carpet Area required** | **Carpet Area available** | **Shortfall w.r.t. Number of Room & Carpet Area** |
| Principal / Director room | 01 | 30 sqm | 47.93 |  |
| Board room | 01 | 20 sqm | 72.06 |  |
| Office all inclusive | 01 |  |  |  |
| Campus having more than one program | 300 sqm | 316.94 |  |
| Department offices | 01/Deptt. | 20 sqm | 349.71 |  |
| Cabins for HOD’s | 01 | 10 sqm | 110 |  |
| Faculty rooms | - | 30 sqm (subject to minimum 5 sqm for each faculty member) | 165 |  |
| Central stores | 01 | 30 sqm | 46.26 |  |
| Maintenance Room | 01 | 10 sqm | 46.99 |  |
| Security Room | 01 | 10 sqm | 11.09 |  |
| Housekeeping Room | 01 | 10 sqm | 20.4 |  |
| Pantry for staff (Desirable) | 01 | 10 sqm | -- |  |
| Examination control office (Confidential Room) | 01 | 40 sqm | 48.71 |  |
| Placement office | 01 | 50 sqm | 42.75 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **IMPORTANT INFRASTRUCTURE REQUIREMENT FOR DIPLOMA COURSES** | | | | |
| **Particulars** | **Number of rooms required** | **Minimum Carpet Area required** | **Carpet Area available** | **Shortfall w.r.t. Number of Rooms & Carpet Area** |
| Computer Centre | 01 | 100 sqm | 135.26 |  |
| Library and Reading Room | 01 | 300 sqm | 313.87 |  |
| Seminar Hall | 01 | 132 sqm | 274.73 |  |
| Smart Class Room | 01 | 66 sqm | --- | Yes |
| Language Laboratory | 01 | 132 sqm | 76.12 | Yes |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **INFRASTRUCTURE REQUIREMENT FOR DIPLOMA COURSES IN ENGG.** | | | | | |
| **Particulars** | **Number of rooms required** | **Number of rooms available** | **Minimum Carpet Area required** | **Carpet Area available** | **Shortfall w.r.t. Number of Rooms & Carpet Area** |
| **I** | **II** |  | **III** | **IV** | **V** |
| Lecture Rooms | 7\*3=21 | 25 | 1386 | 1561.54 |  |
| Tutorial Rooms | Lecture rooms / 04 | -- | 33 sqm each room | -- |  |
| Total no. of **Labs** for (Diploma Engg. Courses  Laboratories for the 1st year includes Physics and Chemistry Laboratory each of 66 sqm are required) | 5\*7=35 | 46 | 2310 | 3230.59 |  |
| **Workshop** for all courses | 01 | 08 | 200 sqm | 704.26 |  |
| **Additional Workshop** (for category “X” courses)  Category X of Courses: Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautical and allied Courses of each. | 02 / course  (Maximum 04) | 04 | 200 sqm | 342.97 |  |
| Drawing Hall | 01 | 01 | 132 sqm | 208.83 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BASIC AMENITIES FOR DIPLOMA COURSES** | | | | |
| Toilets (Ladies & Gents) | 01 | 150 sqm  (Campus having one program) |  |  |
| 350 sqm  (Campus having more than one program) | 240.62 |  |
| Toilets for *Divyang* | 01 | --- |  |  |
| Girls Common Room | 01 | 75 sqm | 75 |  |
| Boys Common Room | 01 | 75 sqm | 149.33 |  |
| Canteen/cafeteria (Desirable) | 01 | 150 sqm | 247.36 |  |
| First aid-cum-sick room | 01 | 10 sqm | 22.16 |  |
| Drinking water facility (water cooler) essential | Adequate nos. (with attached water purifiers) | -- | 04 |  |
| Principal’s Quarters | Desired | 150 sqm | 178.6 |  |
| Guest House | Desired | 30 sqm | 210.76 |  |
| Sports Club / Gymnasium / Playground | Desired | 200 sqm | 671.46 |  |
| Auditorium / Amphi Theater | Desired | 400 sqm | 1 of Vaish Education Society Area 7200 sqm |  |
| Boys Hostel | Desired | Adequate | 1331.63 |  |
| Girls Hostel | Desired | Adequate | 578.92 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COMPUTERS, SOFTWARE, INTERNET AND PRINTERS** | | | | | | |
| **Program** | **Number of**  **PCs/**  **Laptops to**  **students**  **ratio**  **(Min 20 PCs)** | **Legal**  **System**  **Software** | **Legal**  **Application**  **n Software** | **LAN and**  **Internet** | **Mail**  **Server and**  **Client** | **Printers including**  **Color Printer (% of**  **total number of**  **PCs/ Laptops)** |
| Engineering/  Technology | 1:6 | 03 | 20 | All | Desired | 5% |
| **Engg. & Technology** | 121 (1:10) | 23 | 8 | All | The official e-mail account of Institute is managed by NIC | 22 (18.18 %) |
| **NOTE:**   1. At least 4Mbps Wi-Fi connectivity at 4 or 5 hotspots shall be made available. 2. Library, Administrative offices and Faculty members shall be provided with exclusive computing facilities along with LAN and Internet. This shall be considered as over and above the requirement meant for PCs to student’s ratio. 3. Every department shall have separate computer Laboratory with at least 20 computers. A centralized computer Laboratory with at least 100 computers. | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BOOKS, JOURNALS AND LIBRARY FACILITIES** | | | | | | |
| **Program** | **Total number of**  **Divisions** | **Titles** | **Volumes** | **National Journals** | **Reading Room**  **seating** | **Multimedia PCs for**  **Digital Library/**  **internet Surfing**  **located in reading**  **room** |
|  |  | **Number** | | | **Percentage of total students** | |
| Engg. & Technology | 07 | 2268 | 27824 | 50 | 100 (8%) | 02 Multimedia PC |
| **NOTE:**   1. B=Number of divisions at 1st year (Shift 1+2) + Number of 2nd year direct divisions (Shift 1+2) 2. #Book titles and volumes required at the time of starting new Institution. 3. Total numbers of titles and volumes shall be increased in continuation till 15 years, which shall be the minimum stock of books. However, Institutions shall have to add annual increment of books as specified in Approval Process Handbook 2017-18. 4. \*Annual increment. 5. Digital Library facility with multimedia facility is essential. 6. Reprographic facility in the library is essential. 7. Document scanning facility in the library is essential. 8. Library books/ non books classification as per standard classification methods is essential. 9. Availability of NPTEL facility at the library is essential. | | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **ESSENTIAL AND DESIRABLE REQUIREMENTS AS PER AICTE APH 2017-18** | | | |
| **Sr. No** | **Description** | **Availability**  **[YES / NO]** | **Details to be provided.**  **[Number,**  **if so required]** |
| **Essential Requirements** | | | |
|  | Standalone Language Laboratory | Yes |  |
|  | Potable Water supply and outlets for drinking water at strategic locations | Yes |  |
|  | Electric supply | Yes |  |
|  | Sewage Disposal | Yes |  |
|  | Telephone and Fax | Yes |  |
|  | Vehicle parking | Yes |  |
|  | Institution Web-site with Mandatory disclosure *[Website address to be provided]* | Yes | www.vtirohtak.edu.in |
|  | Copies of AICTE approvals (LoA and EoA of subsequent years) obtained since  inception of the Institution till date shall be placed in the web site of the Institution | Yes |  |
|  | Digital payment for all financial transactions as per MHRD directives | Yes |  |
|  | Compliance of the National Academic Depository (NAD) as per MHRD directives | No |  |
|  | Provision to watch MOOCS courses through Swayam | Yes |  |
|  | Display board within the premises as well as in the Website of the Institute indicating the feedback facility of students & faculty available in AICTE Web portal | Yes |  |
|  | Barrier Free Built Environment for disabled and elderly persons (as per Chapter V of Approval Process Handbook 2018-19) | Yes |  |
|  | Safety and Security measures in the campus (as per Chapter V of Approval Process Handbook 2018-19) | Yes |  |
|  | Safety provisions including fire and other calamities (Refer Annexures 8 and 9 of Approval Process Handbook 2018-19) | Under Process |  |
|  | Implementing Food Safety and Standards Act, 2006 in the Institution | NA |  |
|  | General Insurance provided for assets against fire, burglary and other calamities | Yes |  |
|  | All weather approach road suitable for use by Motor vehicle- Motorized Road | Yes |  |
|  | General Notice Board and Departmental Notice Boards | Yes |  |
|  | First aid, Medical and Counseling Facilities | Yes |  |
|  | Appointment of Student Counselor | Yes |  |
|  | Group Insurance to be provided for the employees | Under Process |  |
|  | Insurance for students | Yes |  |
|  | Institution-Industry Cell | Yes |  |
|  | Placement Cell | Yes |  |
|  | Applied for membership of National Digital Library | Membership taken |  |
|  | Establishment of Anti-ragging committee *(As per All India Council for Technical Education notified regulation for prevention and prohibition of ragging in AICTE approved technical Institutions vide No. 37-3/Legal/AICTE/2009 dated 01.07.2009)* | Yes |  |
|  | Establishment of Grievance Redressal Committee in the Institute. *(As per All India Council for Technical Education (Establishment of Mechanism for Grievance Redressal) Regulations, 2012, F. No. 37-3/Lega112012, dated 25.05.2012)* | Yes |  |
|  | Establishment of Internal Complaint Committee (ICC) (As per section 4 of Sexual Harassment of Women at Workplace *(Prevention, Prohibition and Redressal) Act, 2013)* | Yes |  |
|  | Whether Committee for SC/ST *(As per the Scheduled Castes and the Scheduled Tribes (prevention of Atrocities) act, 1989, No. 33 of 1989, dated 11.09.1989)* | Yes |  |
| **Desirable Requirements** | | | |
|  | Implementation of the schemes announced by MHRD | Yes |  |
|  | Offering of Skill development Courses approved by the Council | Yes |  |
|  | Participation in the National Institutional Ranking Framework (NIRF) | No |  |
|  | Fabrication facility Laboratory (FABLAB)/ Tinkering Laboratory/ Innovation  Laboratory | No |  |
|  | Backup Electric Supply | Yes |  |
|  | Availability of at least ONE Smart Classroom per department | No |  |
|  | Rain Water Harvesting and installation of grid connected solar rooftops/ Power Systems | Yes | Small Solar Power Panels installed in campus |
|  | Waste management and environment improvement measures to ensure a sustainable Green Campus | Yes |  |
|  | Public announcement system at strategic locations for general announcements/paging and announcements in emergency. | No |  |
|  | Enterprise Resource Planning (ERP) Software for Student-Institution-Parent interaction | No |  |
|  | Efforts to encourage Final Year students to appear GATE examination | NA |  |
|  | Transport | Yes |  |
|  | Post, Banking Facility/ ATM | Yes |  |
|  | LCD (or similar) projectors in classrooms | No |  |
|  | Staff Quarters | Yes |  |
|  | Display of Courses and “Approved Intake” in the Institution at the entrance of the Institution. Courses taken through duly recognized MOOCs shall be used as Supplementary Courses. | Yes |  |
|  | Implementation of Startup Policy | NA |  |
|  | Intellectual Property Right Cell | NA |  |
|  | Implementation of Unnat Bharat Abhiyan/ Saansad Adarsh Gram Yojna (SAGY) | NA |  |
|  | Availability of quality sanitary napkins through sanitary napkin vending machines and ensuring safe and environment friendly disposal of used sanitary napkin through sanitary napkin incinerator | No |  |

**PART G – DETAILS OF MACHINERY/ EQUIPMENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **\*\*LIST OF EQUIPMENTS AND ITS ADEQUACY [FOR A BATCH OF 30 STUDENTS]** | | |
| **(a)** | | **EQUIPMENTS** | | |
| 1. | Whether Equipments for all the Laboratories / Workshops prescribed as per syllabus is available | | **:** | YES |
| 2. | Whether all the existing equipments are entered in Stock Register ? | | **:** | YES |
| 3. | Whether all the existing equipments are in working condition or not ? | | **:** | YES |
| 4. | If not, list out the equipments that are not in working condition | | **:** | *(list to be enclosed)* |
| 5. | Whether any equipments are likely to be purchased in respect of the Courses for which extension of approval is applied | | **:** | NO |
| 6. | If YES, list out the equipments | | **-** | *(list to be enclosed)* |

**PART H – FINANCIAL & PHYSICAL RESOURCES**

Budgeted Expenditure for the year 2017-18:

|  |  |  |  |
| --- | --- | --- | --- |
| **Expenditure Heads** | **Budget**  **(In lakhs)** | **Actual Expenditure** | **Shortfall if any** |
| **I. Academic Buildings:**   * Construction * Maintenance Expenses | **1.00** | **0.40** |  |
| **II. Laboratories/Computing Centre**   * New Equipment * Furniture * Operation & Maintenance | **5.00** | **2.23** |  |
| **III. Salary**   * Salary of Teaching Staff * Salary of Non-Teaching Staff | **617.00** | **442.03**  **199.26** |  |
| **IV. Faculty/Staff Development**  (Seminars/Workshops/Incentive Schemes/Training/Higher Studies) | **--** | **--** |  |
| **V. Library**   * Books * Journals ,e-journals * E-library | **0.25** | **0.24** |  |
| **VI. Services**   * Administration/Transport/Hostels/Canteen/Security/Water/Electricity/P&T: * Hostel Maintenance * Landscaping * Internet facility | **--** | **--** |  |
| **VII. Students Activities**   * Extracurricular/Co-curricular/   Sports/Cultural /extra classes | **--** | **--** |  |
| **VIII. Medical Expenses**  **-Full time or otherwise** | **4.00** | **3.26** |  |
| **IX. Any Other, please specify**   * Wages * T.A. * Office Expenses * Scholarship * Material & Supply * P.O.L * Ex-gration * Society Expenditure | **60.00**  **1.00**  **24.00**  **7.00**  **3.00**  **1.00**  **23.00**  **--** | **49.24**  **0.38**  **15.85**  **4.05**  **1.81**  **0.29**  **21.00**  **--** |  |
| **Total** | **746.25** | **740.04** |  |

Latest Balance Sheet of the Institute certified from CA is attached at ***Annexure 11***.

**PART I – STUDENT RELATED INFORMATION**

Academic Performance of Last three Years (Attach Annexure if required)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Course** | **Year** | **Sanctioned intake** | **No. of students admitted** | **Number of students Appeared in Board Exams** | **Students Passed** | **Passed with 1st Division** | **Pass Percentage** |
| **A** | **Number (B)** |  | **(B/A)\*100** |
| 1. |  | 1st year | List is attached as ***Annexure 12*** | | | | | |
| 2nd year |
| 3rd year |

Up keep of Attendance Record of Students (upto 31-03-2018)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Branch | Year/ Semester | Hours of teaching from start of session | Total students on roll | Number of students | | | | Remarks |
| Above 75% | Above 70% | Above 65% | Above 60% |
| 1 | Civil | 2nd year/ 4th sem | G1=363  G2=370 | 46 | 13 | 17 | 20 | 25 | Periods not in hours |
| 3rd year/ 6th sem | G1=359, G2,G4=365, G3=380 | 50 | 15 | 22 | 34 | 39 |
| 2 | Electrical | 2nd year/ 4th sem | G1=344, G2=335, | 41 | 24 | 27 | 28 | 29 | Periods not in hours |
| 3rd year/ 6th sem | G1+G3=319, G2=307, G4=322 | 40 | 13 | 18 | 23 | 28 |
| 3 | Mechanical | 2nd year/ 4th sem | G1=382  G2,G3=386 | 49 | 18 | 23 | 26 | 32 |  |
| 3rd year/ 6th sem | G1=401  G2=325  G3=380 | 58 | 34 | 42 | 50 | 55 |
| 4 | Automobile | 2nd year/ 4th sem | 364 | 21 | 8 | 11 | 13 | 17 | Periods not in hours |
| 3rd year/ 6th sem | G1=390, G2=385,  G3=408,  G4=413 | 19  18 | 9  9 | 15  14 | 18  17 | 18  18 |
| 5 | Elex. & Comm. | 1st year/ 2nd sem | 384 | 23 | 12 | 12 | 16 | 16 |  |
| 2nd year/ 4th sem | G1=400  G2=400 | 19 | 3 | 10 | 12 | 12 |
| 3rd year/ 6th sem | G1=377  G2=339 | 13  16 | 6  4 | 11  8 | 11  8 | 11  8 |
| 6 | LIS | 1st year/ 2nd sem | 317 | 4 | 0 | 0 | 1 | 4 |  |
| 2nd year/ 4th sem | 320 | 13 | 6 | 6 | 6 | 12 |
| 3rd year/ 6th sem | -- | Students on Training as per curriculum | | | | | |
| 7 | OMCA | 1st year/ 2nd sem | 385 | 9 | 7 | 8 | 8 | 8 | Periods not in hours |
| 2nd year/ 4th sem | 380 | 10 | 5 | 7 | 8 | 9 |
| 3rd year/ 6th sem | -- | 9 students on Training as per curriculum | | | | | |
| 12 | Applied Sciences | Civil 2nd sem | G1=383  G2=387 | 15  10 | 9  4 | 9  6 | 11  6 | 11  6 | Periods not in hours |
| Electrical 2nd sem | G1=394  G2=396 | 18  22 | 1  8 | 5  11 | 6  12 | 7  12 |
| Mech. 2nd sem | G1=359  G2=357  G3=357 | 18  18  11 | 7  9  5 | 7  10  6 | 8  11  6 | 10  11  7 |
| Auto. 2nd sem | 360 | 17 | 2 | 4 | 6 | 9 |

**Details:**

1. Merit position/toppers branch wise in the HSBTE Exams, if any**- List attached as *Annexure 13***
2. Awards awarded by the Polytechnic to the academic toppers of the Polytechnic.

**The Toppers are awarded in Annual Functions of Institute/Society**

1. Steps taken for improving the academic results.

**Regular meetings are conducted by Principal & HODs/OIs to motivate students**

1. Conduct of extra classes for weak/ needy students.

**Extra classes are conducted as per need**

1. Total no. of working days observed in Semester.

**68 Working days. Time table is attached as *Annexure 14***

1. Whether Alumni association is formed or not. **– Yes –**
2. Efforts made for quality teaching/ improving pedagogy/ personality development & improvement in Communication Skill of students.

**The teaching staff of Institute is being sent for various STCs for learning of new developments & they share their experience with the students**

1. Steps taken for improving academic ambiance of the Polytechnic like land scaping, horticulture, tree plantation etc.

**The Institute celebrates the Vanmahotsav & tree plantation week and possesses many well maintained green parks**

1. Utilization of student fund for student welfare activities.

**Conducting of students tours/visits to different places for improving their knowledge & personality. Also students are motivated in sports & cultural events with prizes**

1. Teaching-Learning process:
   1. Whether Academic Calendar implemented? **Yes**
   2. Whether Teaching Aids used? **Yes**
   3. Whether Student Feedback implemented? **Yes**
   4. Any new innovation/ practice / technique adopted in teaching? **Yes**
   5. Whether Teacher’s Diary maintained? **Yes**

**Industry Institution Interaction & Placements**

**(a) Mention the following details if any.**

1. Details of industrial tours/visits/ seminar etc. organized in the previous academic session

**List is attached as *Annexure 15***

1. Consultancy **–Nil-**
2. Industrial Project Work **–Nil-**
3. Seminars/Conferences/Lectures with industry partnership **List is attached as *Annexure 16***

**(b) Student’s Placement:**

1. Whether training and placement cell has been established? **Yes**
2. Name of the Training and Placement Officer **Sh. Anil Gupta**
3. Qualification and Experience of Training and Placement Officer **B. E. (Mechanical)**
4. Number of companies which visited the Institute during the last three years for campus interviews & efforts made for improving Industrial Institution Interaction.

**Industrial Institution Interaction cell has been constituted within the Institute and every effort is being made for improving the placement of students. List of companies visited during the last three years is attached as *Annexure 17***

1. Number of extension lectures delivered by outside experts during the last three years

**List is attached as *Annexure 16***

1. Number of students placed during the last 3 years:

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **No. of Eligible Students** | **No. of Students Placed** | **Percentage** |
| 2011-14 | 222 | 37 | 16.66% |
| 2012-15 | 165 | 55 | 33.33% |
| 2013-16 | 108 | 51 | 47.22% |
| 2014-17 | 93 | 30 | 32.25% |

**Extra Curricular Activities**

Brief account of the activities/ achievements of the Institute during the previous year:

1. Games and sports

* **1st position in Interpoly Badminton tournament**
* **3rd position in Interpoly Cricket tournament**
* **2nd position in Interpoly Handball tournament**
* **2nd position in Interpoly Hockey tournament**
* **2nd position in Interpoly Table Tennis tournament**
* **3rd position in Interpoly Kabbaddi tournament**
* **3rd position in Interpoly Volley ball tournament**
* **Hosted Interpoly Cricket tournamnet 2017-18**

1. Debates/ Paper presentation / Quiz Competitions etc.**- No –**
2. Cultural activities

**Swachh Bharat Abhiyan, Blood Donation Camp & Rangoli Compition organized in the Institute. Students also took part in cultural activities in the Republic Day & Independence Day functions**

1. NCC/NSS **– No –**
2. Students help desk **– Yes –**
3. Any other

**PART J – FACULTY DEVELOPMENT INITIVATIES**

1. Number of faculty sponsored by the institute since its inception to till date for improvement of academic qualification teaching skills etc.

**-Nil-**

1. Number of faculty sponsored to attend training conference and other professional meeting within and outside the country and the total amount spent for this purpose by the Institute/ Trust/ Society.

**List is attached at *Annexure 18***

1. Number of faculty sponsored for industrial training.

**Various teachers of different discipline are being sponsored for various STC by NIITTR, Chd./ISTE, summer/ winter schools. The faculty is regularly visiting different Industries as a part of Industries Institute Interaction Cell. There is no special provision of Industrial Training for faculty members**

iv. Does the institute possess any faculty development plan, if so give the details. **-Nil-**

**There is a pre-planned training for faculty on various topics/subjects conducted by NITTTR Chandigarh. This body regularly schedules various faculty development programs. The faculty of Institute attends these courses time to time.**

**PART K – OTHERS**

* 1. Please state whether the applicant is running and/ or managing any other technical/professional institution which is approved in the premises on sharing basis. If so, please give the name of the program/course being conducted.

**No**

* 1. Whether the applicant has any court case in respect of violation of provisions of state Govt./UGC or that of any other statutory body including AICTE/NCHMCT/PCI.

**No**

* 1. Has the institute ever been served show cause notice by the Board for indulging in malpractices in conduct of Board examination? If Yes, Please mention the details and its present status.

**No**

* 1. Has the institute ever been served show cause notice by the DTE / AICTE / PCI / NCHMCT / HSBTE for indulging in malpractices / violation of rules, etc? If Yes, Please mention the details and its present status.

**Yes. The details are already provided in previous application 2016-17.**

* 1. Please submit status of compliance in respect of various conditions / guidelines as per latest AICTE approval Letter.

**Copy of latest (2017-18) approval letter from AICTE has already been attached as Annexure 9*.***

* 1. Please submit status of compliance in respect of Grievance Redressal Committee for students as notified by AICTE.

**Guidelines are always followed as circulated time to time**

* 1. Please submit status of compliance in respect of various conditions / guidelines as per latest DTE / State Govt. NOC.

**Guidelines are always followed as circulated time to time.**

* 1. Whether any deficiencies were reported by the AICTE during last two years? If Yes, Please submit the compliance of these deficiencies.

**There is deficiency of Computer systems & regular faculty as per AICTE report. In this regard, computer systems are being purchased as per availability of funds. Guest faculty is appointed against vacant regular posts for conduct of classed & the vacant posts will be filled upon getting permissions from Govt.**

* 1. Whether any deficiencies were reported by the DTE / HSBTE during last two years? If Yes, Please submit the compliance of these deficiencies.

**No deficiency reported.**

* 1. Please describe briefly future plans for improvements in infrastructure / expansion in academic and other activities to fully meet the norms and standards.

**The Institute has extensive plans for improvements in infrastructure/ expansion in academic and other activities to fully meet the norms and standards.**

Name and Signature of the Principal /

Director of the Institution.

Counter signed by:

|  |  |
| --- | --- |
| (Chairman / President of the Society / Trust / Board) | (Two Members on Society/Trust/Board) |

**Annexure-A**

**MEMBER /INDIVIDUAL DETAILS**

**Details of the Individuals/ members/office bearers of organization**

Affix latest passport size photo

1. **Name** Sh. Rajinder Bansal
2. **Father Name** Sh. Jagdish Rai Bansal
3. **Designation in the Trust/Society/Mission/Company etc..**

President, Vaish Education Society Rohtak

1. **Permanent Address** 214 –R, Model Town
2. Rohtak
3. **Correspondence Address** Same as above
4. **E-Mail I**  loinrbansal@rediffmail.com
5. **Occupation** Industrialist
6. **Qualification Details** B.Com, L.L.B
7. **Telephone/Mobile Number/FAX Number**  9996543000
8. **Work place address** 116, HSIDC,Kutana, Hisar Road, Rohtak
9. **Pan Number**
10. **Aadhar Number** 700255781055
11. **DIN Number** N.A.

**Note:-**Information regarding all the members as per the constitution of the Society/Company/Trust/etc. have to be provided. This is to be filled up by each member separately.

**Date:**

**Place: (Signature)**

**Annexure-A**

**MEMBER /INDIVIDUAL DETAILS**

**Details of the Individuals/ members/office bearers of organization**

Affix latest passport size photo

1. **Name** Sh. Vijay Kumar Gupta
2. **Father Name** LateSh. Laxmi Chand Gupta
3. **Designation in the Trust/Society/Mission/Company etc..**

General Secretary, Vaish Education Society Rohtak

1. **Permanent Address** 333/35, Janta Colony, Rohtak
2. **Correspondence Address** Same as above
3. **E-Mail I**  [laxmiawaz89@yahoo.in](mailto:laxmiawaz89@yahoo.in)
4. **Occupation** Businessman
5. **Qualification Details** B.A.
6. **Telephone/Mobile Number/FAX Number**  9812451124
7. **Work place address** Same as above
8. **Pan Number** AAUPG0081H
9. **Aadhar Number** 884190390330
10. **DIN Number** N.A.

**Note:-**Information regarding all the members as per the constitution of the Society/Company/Trust/etc. have to be provided. This is to be filled up by each member separately.

**Date:**

**Place: (Signature)**

**Annexure-A**

**MEMBER /INDIVIDUAL DETAILS**

**Details of the Individuals/ members/office bearers of organization**

Affix latest passport size photo

1. **Name** Sh. Lokesh Jain
2. **Father Name** Sh. Shri Krishan Jain
3. **Designation in the Trust/Society/Mission/Company etc..**

Treasurer, Vaish Education Society Rohtak

1. **Permanent Address** 480/34, HAkikat Nagar, Janata Colony, Rohtak
2. **Correspondence Address** Same as above
3. **E-Mail I**  lokeshjain3204@gmail.com
4. **Occupation** Businessman
5. **Qualification Details** B.A., L.L.B
6. **Telephone/Mobile Number/FAX Number**  9355699700
7. **Work place address** Same as above
8. **Pan Number**
9. **Aadhar Number**
10. **DIN Number** N.A.

**Note:-**Information regarding all the members as per the constitution of the Society/Company/Trust/etc. have to be provided. This is to be filled up by each member separately.

**Date:**

**Place: (Signature)**

**Annexure-A**

**MEMBER /INDIVIDUAL DETAILS**

**Details of the Individuals/ members/office bearers of organization**

Affix latest passport size photo

1. **Name** Sh. Vinay Kumar Jain
2. **Father Name** Sh. Amrit Lal Jain
3. **Designation in the Trust/Society/Mission/Company etc..**

Vice-President, Vaish Education Society Rohtak

1. **Permanent Address** H.No.59, Green Road, Rohtak
2. **Correspondence Address** Same as above
3. **E-Mail I**
4. **Occupation** Businessman
5. **Qualification Details**
6. **Telephone/Mobile Number/FAX Number**  9215220005
7. **Work place address**
8. **Pan Number**
9. **Aadhar Number**
10. **DIN Number** N.A.

**Note:-**Information regarding all the members as per the constitution of the Society/Company/Trust/etc. have to be provided. This is to be filled up by each member separately.

**Date:**

**Place: (Signature)**

**Annexure-A**

**MEMBER /INDIVIDUAL DETAILS**

**Details of the Individuals/ members/office bearers of organization**

Affix latest passport size photo

1. **Name** Sh. Sanjay Bhalothia
2. **Father Name** Sh. Purushotam Dassl
3. **Designation in the Trust/Society/Mission/Company etc..**

Joint Secretary, Vaish Education Society Rohtak

1. **Permanent Address** H. No. 2108/5, Peach Paras Ram, Old Anaj Mandi, Rohtak
2. **Correspondence Address** Same as above
3. **E-Mail I**  bhalotia37@gmail.com
4. **Occupation** Businessman
5. **Qualification Details** B.A.
6. **Telephone/Mobile Number/FAX Number**  9254003001
7. **Work place address** M/s Purushotam Das Satish Kumar, Old Anaj Mandi, Rohtak
8. **Pan Number** AGKPB8913F
9. **Aadhar Number** 381197250026
10. **DIN Number** N.A.

**Note:-**Information regarding all the members as per the constitution of the Society/Company/Trust/etc. have to be provided. This is to be filled up by each member separately.

**Date:**

**Place: (Signature)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **\*\*** | | **LIST OF EQUIPMENTS AND ITS ADEQUACY [FOR A BATCH OF 30 STUDENTS]**  **In addition to below mentioned Machinery and Equipment latest Machinery and Equipment as per prescribed/ revised curriculum shall be in place** | | | | | | |
| 1. **FIRST YEAR [COMMON FOR ALL BRANCHES]** | | | | | | | | |
| **I (A).** | | **FIRST SEMESTER – ENGINEERING PHYSICS – I PRACTICAL [ “L” SCHEME ]** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | MICROMETER (SCREW GAUGE) SETUP - Screw gauge, graph sheet and irregular glass plate. | | **4**  SETS | 27 | Yes |  |  |  |
| 2. | VERNIER CALIPERS SETUP - Vernier Calipers and Solid Cylinder | | **4**  SETS | 20 | Yes |  |  |  |
| 3. | CONCURRENT FORCES SETUP - Vertical drawing board, two Z pulleys, three sets of slotted weights (5 x 50g) and twine thread | | **4**  SETS | -- |  |  |  | Not in curriculum |
| 4. | POISEUILLE’S METHOD SETUP - Burette stand, graduated burette without stopper, rubber tube, beaker, capillary Tube, digital stop watch and funnel. | | **4**  SETS | Some equipments are available |  |  |  | Not in curriculum |
| 5. | STOKES’ METHOD SETUP – Stokes Apparatus, high viscous liquid (Castrol oil), glass beads of Different radii, digital stop watch and screw gauge | | **4**  SETS | Some equipments are available |  |  |  | Not in curriculum |
| 6. | SURFACE TENSION SETUP - Beaker with water, capillary tube, iron stand with clamp, pointer, travelling microscope and hydro static bench. | | **4**  SETS | 8 |  |  |  | Not in curriculum |
| 7. | SONOMETER SETUP - Sonometer, screw gauge, tuning fork, rubber hammer, slotted weight hanger set (5 x 0.5kg) and paper rider | | **4**  SETS | 2 |  |  |  | Not in curriculum |
| 8. | DEFLECTION MAGNETOMETER SETUP - Deflection Magnetometer, meter scale and two bar magnets | | **4**  SETS | -- |  |  |  | Not in curriculum |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **I (B).** | | **SECOND SEMESTER – ENGINEERING PHYSICS – II PRACTICAL [ “L” SCHEME ]** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | REFRACTIVE INDEX SETUP - Travelling Microscope, Beaker with transparent liquid and Saw dust | | **4**  SETS | 8 |  |  |  | Not in curriculum |
| 2. | SPECTROMETER. SETUP - Spectrometer, Sodium vapour lamp, Reading lens and Glass prism | | **4**  SETS | 4 |  |  |  | Not in curriculum |
| 3. | SOLAR CELL SETUP - Solar cell Kit for drawing the V - I characteristics | | **4**  SETS | -- |  |  |  | Not in curriculum |
| 4. | LAWS OF RESISTANCES - Battery Eliminator, key, rheostat, ammeter, voltmeter, Connecting wires and two known standard resistances | | **4**  SETS | 10 | Yes |  |  |  |
| 5. | METRE BRIDGE SETUP - Meter Bridge, variable resistance box, Leclanche cell, plug Key, galvanometer, high resistance, jockey, connecting Wires and unknown resistance | | **4**  SETS | Some equipments are available |  |  |  | Not in curriculum |
| 6. | POTENTIOMETER SETUP - Potentiometer, two cells (Leclanche cell and Daniel cell), Battery eliminator, Rheostat, Key, two way key,  Galvanometer, high resistance, jockey and connecting wires | | **4**  SETS | Some equipments are available |  |  |  | Not in curriculum |
| 7. | JOULE’S CALORIMETER SETUP- Joule’s Calorimeter, Battery eliminator, Rheostat, Key, Ammeter, voltmeter, stop clock, thermometer, digital Balance and connecting wires | | **4**  SETS | 6 |  |  |  | Not in curriculum |
| 8. | COPPER VOLTAMETER SETUP- Copper Voltameter, Battery eliminator, Rheostat, Key, Ammeter, stop clock, digital balance, emery sheet and Connecting wires | | **4**  SETS | Some equipments are available |  |  |  | Not in curriculum |
| 9. | P-N JUNCTION DIODE SETUP - P-N Junction Diode forward characteristics kit | | **4**  SETS | -- |  |  |  | Not in curriculum |
| 10. | LOGIC GATES SETUP - Logic gates testing apparatus kit with bread board for Mounting ICs and Integrated circuit chips ( IC 7404 – NOT Gate, IC 7408 – AND Gate, IC 7432 – OR gate, IC 7400 – NAND Gate, IC 7402 – NOR Gate) | | **4**  SETS | -- |  |  |  | Not in curriculum |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **I (C).** | | **I & II SEMESTER – ENGINEERING CHEMISTRY – I & II PRACTICAL [ “L” SCHEME ]** | | | | | | |
| S.  No | List of Equipments | | Quantity Required (in Nos) | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| **Non-Consumable Items:** | | | | | | | | |
| 1. | Indane gas Connection (DBC) | | **1** | -- |  |  |  | Each group is of 20 students |
| 2. | Exhaust Fan (High capacity) | | Sufficient | Sufficient | Yes |  |  |
| 3. | Fire Extinguisher | | **1** | -- | -- |  |  |
| 4. | First Aid Box (Full set) | | **2** | 1 | Yes |  |  |
| 5. | Safety chart | | **1** | 1 | Yes |  |  |
| 6. | Chemical Balance | | **1** | 7 | Yes |  |  |
| 7. | Fractional weight box | | **1** | 2 | Yes |  |  |
| 8. | PH meters | | **5** | 2 | Yes |  |  |
| 9. | Working Table with all accessories | | **8** | 8 | Yes |  |  |  |
| **Glassware and Other Items :** | | | | | | | | |
| 1. | Burette 50ml | | **35** | 20 | Yes |  |  |  |
| 2. | Pipette 20ml (with safety bulb) | | **35** | 20 | Yes |  |  |  |
| 3. | Conical Flask 250ml | | **35** | 20 | Yes |  |  |  |
| 4. | Funnel 3” (Polythene) | | **50** | 12 | Yes |  |  |  |
| 5. | Porcelain Tile 6x6” | | **35** | 35 | Yes |  |  |  |
| 6. | Measuring Cylinder 100ml | | **5** | 2 | Yes |  |  |  |
| 7. | Measuring Cylinder 500ml | | **3** | 2 | Yes |  |  |  |
| 8. | Reagent Bottle (White) 250ml | | **60** | 45 | Yes |  |  | These bottles are 250 ml in revised curriculum (sufficient) |
| 9. | Reagent Bottle (White) 125ml | | **100** | -- | -- |  |  |
| 10. | Reagent Bottle (Amber) 250ml | | **80** | -- | -- |  |  |
| 11. | Test tubes 15 x 1.5 mm | | **1000** | 60 | Yes |  |  |  |
| 12. | Test tubes 15 x 2.5 mm | | **500** | 100 | Yes |  |  |  |
| 13. | Test tube stand | | **35** | 10 | Yes |  |  |  |
| 14. | Test tube holder | | **35** | 35 | Yes |  |  |  |
| 15. | Test tube cleaning brush | | **35** | 10 | Yes |  |  |  |
| 16. | Glass Trough | | **5** | 1 | Yes |  |  |  |
| 17. | Beakers 1000 ml | | **5** | -- | -- |  |  |  |
| 18. | Beakers 500 ml | | **5** | 5 | Yes |  |  |  |
| 19. | Beakers 250 ml | | **35** | 20 | Yes |  |  |  |
| 20. | Beakers 100 ml | | **5** | 10 | Yes |  |  |  |
| 21. | Glass Rods 15cm | | **100** | 20 | Yes |  |  |  |
| 22. | Watch Glass 3” | | **35** | 35 | Yes |  |  |  |
| 23. | Wash Bottle (Polythene) 1000 ml | | **35** | -- | -- |  |  |  |
| 24. | Nickel Spatula | | **10** | 10 | Yes |  |  |  |
| 25. | Kipps Apparatus | | **1** | 1 | Yes |  |  |  |
| 26. | Burner Nipple | | **30** | 15 | Yes |  |  |  |
| 27. | Bunsen Burner for gas connection | | **30** | 27 | Yes |  |  |  |
| 28. | Wire Gauge with asbestos center | | **15** | 15 | Yes |  |  |  |
| 29. | Plastic Buckets (15 lts) | | **10** | 2 | Yes |  |  |  |
| 30. | Tripod Stand (Iron) | | **30** | 15 | Yes |  |  |  |
| 31. | Filter Paper Round sheets | | **1000** | 200 | Yes |  |  |  |
| 32. | Burette stand | | **35** | 25 | Yes |  |  |  |
| 33. | Standard flask 100 ml | | **35** | -- | -- |  |  |  |
| 34. | Pipette 10ml | | **5** | 3 | Yes |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **I (D).** | | **SECOND SEMESTER – WORKSHOP PRACTICE [ “L” SCHEME ]** | | | | | | |
| S.  No | List of Equipments | | Quantity Required (in Nos) | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| **FITTING SECTION** | | | | | | | | |
| 1. | 4” Bench vice | | **30** | 36 | Yes |  |  |  |
| 2. | 12” Flat Rough file | | **30** | 115 | Yes |  |  |  |
| 3. | 12” Flat smooth file | | **30** | 64 | Yes |  |  |  |
| 4. | 10” Try angular file | | **30** | 13 | Yes |  |  |  |
| 5. | 8” Half round file (10”) | | **30** | 55 | Yes |  |  |  |
| 6. | 8” Square file | | **30** | 18 | Yes |  |  |  |
| 7. | 10” Round file | | **30** | 36 | Yes |  |  |  |
| 8. | 150 mm Try square | | **30** | 25 | Yes |  |  |  |
| 9. | 150 mm Steel rule | | **30** | 14 | Yes |  |  |  |
| 10. | 6 mm Dot punch | | **30** | -- | -- |  |  | Not required |
| 11. | 6 mm Center punch | | **30** | 13 | Yes |  |  |  |
| 12. | Hacksaw Frame | | **30** | 52 | Yes |  |  |  |
| 13. | 6” leg vice | | **5** | -- | -- |  |  | Not required |
| 14. | 6 mm Prick punch | | **5** | -- | -- |  |  | Not required |
| 15. | Hand shearing machine | | **1** | -- | -- |  |  | Not required |
| 16. | Ball Pan ½ lbs Hammer | | **30** | 5 | Yes |  |  |  |
| 17. | 6.8 mm Drill Bit | | **5** | 4 | Yes |  |  |  |
| 18. | 8.5 mm Drill Bit | | **5** | 4 | Yes |  |  |  |
| 19. | 10.2 mm Drill Bit | | **5** | 4 | Yes |  |  |  |
| 20. | M8 tap set | | **5** | 4 | Yes |  |  |  |
| 21. | M10 tap set | | **5** | 4 | Yes |  |  |  |
| 22. | M12 tap set | | **5** | 4 | Yes |  |  |  |
| 23. | Bench drilling machine | | **5** | 2 | Yes |  |  |  |
| 24. | Deep cut Hacksaw frame | | **5** | -- | -- |  |  | Not required |
| 25. | 2’ x 1 ½’ Surface plate | | **2** | 4 | Yes |  |  |  |
| 26. | Scriber | | **30** | -- | -- |  |  |  |
| 27. | Tap wrench | | **10** | 3 | Yes |  |  |  |
| **WIRING SECTION** | | | | | | | | |
| 1. | 6” Insulated handle cutting pliers | | **30** | **Not Applicable** | | | | |
| 2. | 8” Insulated handle screw driver | | **30** |
| 3. | ¼ Pound hammer | | **30** |
| 4. | Wire Cutter | | **30** |
| 5. | 250V Line Tester | | **30** |
| 6. | 10 cm Poker | | **30** |
| 7. | 4” Connecting Screw driver | | **30** |
| 8. | 2 x 1½ Wiring board | | **30** |
| 9. | Multi meter | | **5** |
| 10. | Required numbers of switches and sufficient consumables | | **---** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **II (B).** | | **GENERAL [COMMON] – COMMUNICATION AND LIFE SKILL PRACTICAL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | An echo-free room | | **1 No.** | 1 | Yes |  |  |  |
| 2. | Furniture / Chairs | | **30 Nos** | 25 | Yes |  |  |  |
| 3. | Public Address System | | **1 No.** | -- | -- |  |  |  |
| 4. | A minimum of two Computers with internet access, with Audio for Listening Skill and related software packages | | **2 Nos** | 5 with Internet | Yes | Order has been placed with Hartron |  | No related Software packages |
| 5. | Minimum of Two different English dailies | | **2 Nos** | Nil | -- |  |  |  |
| 6. | Minimum of one Tamil daily | | **1 No.** | Nil | -- |  |  |  |
| 7. | Headphone units – 30 Nos. with one control unit with a facility to play and record in Computer | | **As required** | 04 | Yes |  |  |  |
| 8. | Minimum of Three Mikes with and without cords | | **3+3 nos** | Nil | - |  |  |  |
| 9. | Colour TV (min.size – 29”). | | **1 No.** | Nil | -- |  |  |  |
| 10. | DVD/VCD Player with Home Theatre speakers | | **1 set** | DVD player installed in each computer | -- |  |  |  |
| 11. | Clip Chart, white/smart board | | **1 each** | Nil | -- |  |  |  |
| 12. | Projector. | | **1 No.** | Nil | -- |  |  |  |
| 13. | Video camera | | **1 No.** | Nil | -- |  |  |  |
| 14. | Printer, Xerox, scanner m/c | | **1 each** | **1 printer** | yes |  |  |  |
| 15. | English Weeklies /monthlies /journals like ELTOI | | **Adequate** | Nil | -- |  |  |  |
| 16. | Frozen thoughts –monthly journal for Life skills by Mr.Rangarajan | | **Adequate** | Nil | -- |  |  |  |

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| **III. CIVIL ENGINEERING** | | | | | | | | |
| **III (A).** | | **CIVIL - THIRD SEMESTER – MATERIAL TESTING LAB PRACTICE I** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Universal Testing Machine (20 to 40 t capacity) | | **1 No.** | 2 | Yes |  |  |  |
| 2. | Compression Testing M/C. (50 to 100 t capacity) | | **1 No.** | 1 | Yes |  |  |  |
| 3. | Torsion Testing Machine  (To test mild steel bars of 12 to 16 mm dia) | | **1 No.** | 1 | Yes |  |  |  |
| 4. | Brinell Hardness Testing m/c | | **1 No.** | 1 | Yes |  |  |  |
| 5. | Rockwell’s Hardness Testing Machine | | **1 No.** | 1 | Yes |  |  |  |
| 6. | Izod/Charpy Impact Testing Machine | | **1 No.** | 1 | No |  |  |  |
| 7. | Tile Flexure Testing Machine | | **1 No.** | -- | -- |  |  |  |
| 8. | Deflection Test Apparatus with Deflectometer | | **1 No.** | 1 | No |  |  |  |
| 9. | Blaine Air Permeability Apparatus | | **1 No.** | -- | -- |  |  |  |
| 10. | Vicat Apparatus with accessories (moulds, plunger, needles) | | **2 No.** | 4 | Yes |  |  |  |
| 11. | Cement Autoclave Apparatus with accessories | | **1 No.** | -- | -- |  |  |  |
| 12. | Water measuring jars | | **4 No.** | 4 | Yes |  |  |  |
| 13. | Stop Watches | | **4 No.** | 4 | Yes |  |  |  |
| 14. | Vernier Calipers | | **4 No.** | 4 | No |  |  |  |
| 15. | Steel Scales- 1 metre length | | **4 No.** | 4 | No |  |  |  |
| 16. | Steel Scales- 30 or 50 cm length | | **4 No.** | 4 | Yes |  |  |  |
| 17. | Dial Gauges/ Compresso meter with stands | | **2 No.** | 2 | Yes |  |  |  |
| 18. | Electronic Weighing Balances (5 kg) | | **2 No.** | 2 | Yes |  |  |  |
| 19. | Electric Oven/ Hot Plate | | **1 No.** | 1 | Yes |  |  |  |
| 20. | Trowels of different sizes | | **4 No.** | 4 | Yes |  |  |  |
| 21. | Steel Trays / Pans | | **4 No.** | 4 | Yes |  |  |  |
| 22. | Steel Buckets / Containers | | **2 No.** | 2 | Yes |  |  |  |
| 23. | Steel/ Plastic Mugs | | **2 No.** |  |  |  |  |  |
| 24. | China Clay Discs | | **4 No.** |  |  |  |  |  |
| 25. | Steel Hammer / Steel Punch | | **1 Set** |  |  |  |  |  |
| 26. | Extenso meter/Strain Gauge | | **1 No.** |  |  |  |  |  |
| 27. | Strain Recording Instrument (for study purpose) | | **1 No.** |  |  |  |  |  |

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| **III (B).** | | **CIVIL - THIRD SEMESTER – SURVEYING PRACTICE I** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Chain with arrows | | **6 No.** | 29 | Yes |  |  |  |
| 2. | Tape | | **6 No.** | 18 | Yes |  |  |  |
| 3. | Ranging rod | | **6 No.** | 62 | Yes |  |  |  |
| 4. | Cross – Staff | | **6 No.** | 11 | Yes |  |  |  |
| 5. | Prismatic Compass | | **6 No.** | 11 | Yes |  |  |  |
| 6. | Dumpy Level | | **10 No.** | 23 | Yes |  |  |  |
| 7. | Levelling Staff | | **10 No.** | 20 | Yes |  |  |  |
| 8. | Hand held GPS | | **6 No.** | -- | --t |  |  | Not in Syllabus |

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| **III (D).** | | **CIVIL - FOURTH SEMESTER – MATERIAL TESTING LAB II** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Deval’s Attrition Testing m/c | | **1 No.** | 1 | Yes |  |  |  |
| 2. | Dorry’s Abrasion Testing m/c | | **1 No.** | 1 | Yes |  |  | Los Angels |
| 3. | Aggregate Impact Testing Machine | | **1 No.** | 1 | Yes |  |  |  |
| 4. | Compression Testing Machine (Available in M.T.Lab I may be used) | | **1 No.** | 1 | Yes |  |  |  |
| 5. | I.S.Sieves (All sizes) as per the test requirements of I S code | | **1 Set** | 1 | Yes |  |  |  |
| 6. | Pycnometer | | **2 No.** | 6 | Yes |  |  |  |
| 7. | Standard Liquid Limit Apparatus | | **1 No.** | 2 | Yes |  |  |  |
| 8. | Sand Pouring Cylinder | | **1 No.** | 3 | Yes |  |  |  |
| 9. | Cylindrical Core Cutter | | **1 No.** | 1 | Yes |  |  |  |
| 10. | Proctor Compaction Apparatus with accessories | | **1 No.** | 3 | Yes |  |  |  |
| 11. | Direct Shear Apparatus with Shear Box assembly | | **1 No.** | 0 | Yes |  |  |  |
| 12. | Jackson Candle Turbidity meter with Candle | | **1 No.** | -- | -- |  |  |  |
| 13. | Imhoff Cone Apparatus | | **1 No.** | -- | -- |  |  |  |
| 14. | Weighing M/C. (50/100kg) | | **1 No.** | 1 | Yes |  |  |  |
| 15. | Digital Balances (5/10 kg) | | **4 No.** | 2 | Yes |  |  |  |
| 16. | Electric Oven / Hot Plate | | **1 No.** | 1 | Yes |  |  |  |
| 17. | Water measuring jars | | **6 No.** | 6 | Yes |  |  |  |
| 18. | Water Bath | | **1 No.** | -- | -- |  |  |  |
| 19. | Stop Watches | | **4 No.** | -- | -- |  |  |  |
| 20. | Steel Trays / Pans | | **6 No.** | 6 | Yes |  |  |  |
| 21. | Steel Buckets | | **4 No.** | 4 | Yes |  |  |  |
| 22. | Cylindrical Steel Containers (2 or 3 Litres) | | **2 No.** | 2 | Yes |  |  |  |
| 23. | Trowels of different sizes | | **6 No.** | 6 | Yes |  |  |  |
| 24. | Steel Scales (50cm/30cm) | | **4 No.** | -- | -- |  |  |  |
| 25. | Glass plates | | **6 No.** | 6 | Yes |  |  |  |
| 26. | China Clay Discs | | **6 No.** | -- | -- |  |  |  |
| 27. | Steel/ Plastic Mugs | | **6 No.** | -- | -- |  |  |  |

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| **III (E).** | | **CIVIL - FOURTH SEMESTER – SURVEYING PRACTICE II** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Vernier Theodolite | | **10 Nos** | 14 | Yes |  |  |  |
| 2. | Total Station | | **3 Nos** | -- | -- |  |  | Not in Syllabus |

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| **III (F).** | | **CIVIL - FOURTH SEMESTER – CAD IN CIVIL ENGINEERING DRAWING** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Software – [like AutoCAD] | | **30 license** | NIL | No | No |  |  |
| 2. | Desktop Computer System with latest configuration | | **30 Nos** | 5 | No | No |  |  |
| 3. | Power Backup (UPS) | | **10 KVA** | 1 KVA (5 no.) | No |  |  |  |
| 4. | Laser Printer | | **2 Nos** | NIL | No | No |  |  |

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| **IV. MECHANICAL ENGINEERING** | | | | | | | | |
| **IV (A).** | | **MECHANICAL - THIRD SEMESTER - MECHANICAL TESTING & QUALITY CONTROL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | UTM | | **1** | 2 | Yes |  |  |  |
| 2. | Rockwell’s Hardness Testing Machine | | **1** | 1 | Yes |  |  |  |
| 3. | Torsion testing machine | | **1** | 1 | Yes |  |  |  |
| 4. | Deflection testing arrangement | | **1** | 1 | Yes |  |  |  |
| 5. | Impact testing machine | | **1** | 1 | Yes |  |  |  |
| 6. | Tension testing arrangements | | **1** | 1 | Yes |  |  |  |
| 7. | Shear testing machine | | **1** | Nil | -- | Not |  |  |
| 8. | Vernier calliper | | **2** | 2 | Yes |  |  |  |
| 9. | Metallurgical Microscope | | **6** | 3 | Yes |  |  |  |
| 10. | Sample Specimen for ferrous & non- ferrous (Identification) | | **6 EACH** | 6 each | Yes |  |  |  |
| 11. | For LPT   1. Die 2. Cleaner 3. Developer | | **2 no’s**  **4 no’s**  **4 no’s** | Nil | N/A |  |  | Not in syllabus |
| 12. | Magnetic particle test equipment | | **2 no’s** | Nil | N/A |  |  | Not in syllabus |
| 13. | Belt polishing machine | | **1** | 1 | Yes |  |  |  |
| 14. | Lapping machine | | **1** | Yes |  |  |  |
| 15. | Sample Specimen | | **10 no’s** | 10 | Yes |  |  |  |

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| **IV (B).** | | **MECHANICAL - THIRD SEMESTER – FLUID POWER PRACTICAL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | The Bernoulli’s Apparatus | | **1 no.** | 1 | Yes |  |  |  |
| 2. | An Open tank fitted with a samlla orifice (or) an external mouth piece and a collecting tank with Piezometer | | **1 no.** | 1 | Yes |  |  |  |
| 3. | A Centrifugal pump having the discharge line with venturimeter or orifice meter arrangement | | **1 no.** | 1 | Yes |  |  |  |
| 4. | An arrangement to find friction factor | | **1 no.** | 1 | Yes |  |  |  |
| 5. | A reciprocating pump with an arrangement for collecting data to find out the efficiency and plot the characteristics curves | | **1 no.** | 1 | Yes |  |  |  |
| 6. | A centrifugal pump with an arrangement for collecting tank to find out the efficiency and plot the characteristics curves | | **1 no.** | 1 | Yes |  |  |  |
| 7. | A impulse turbine with an arrangement for calculating data to find out the efficiency – Francis or Kalpan | | **1 no.** | 1 | Yes |  |  |  |
| 8. | A reaction turbine with an arrangement for collecting data to find out the efficiency | | **1 no.** | 1 | Yes |  |  |  |
| 9. | Pneumatic Trainer Kit | | **2 no’s** | -- | -- |  |  |  |
| 10. | Hydraulics Trainer Kit | | **1 no.** | -- | -- |  |  |  |

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| **IV (E).** | | **MECHANICAL - FOURTH SEMESTER – MANUFACTURING TECHNOLOGY - I** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
|  | **TURNING** | | | | | | | |
| 1. | Center Lathe 4 ½ ‘ Bed length | | **15 no’s** | 15 | Yes |  |  |  |
| 2. | 4 Jaw / 3 Jaw Chucks | | **Adequate** | **Adequate** | Yes |  |  |  |
| 3. | Chuck key (10x10 mm size) | | **15 no’s** | 30 | Yes |  |  |  |
| 4. | Box spanner | | **15 no’s** | 10 | Yes |  |  |  |
| 5. | Cutting Tool H.S.S ¼ ‘’ x ¼ ‘’ x 4 ‘’ long | | **15 no’s** | 20 | Yes |  |  |  |
| 6. | Pitch gauge | | **5 no’s** | 2 | Yes |  |  |  |
| 7. | Vernier Caliper (0-25 and 25-50) | | **5 no’s each** | 2 | Yes |  |  |  |
| 8. | Micrometer, Inside and Outside(0-25 and 25-50) | | **5 each** | 3 | Yes |  |  |  |
| 9. | Vernier Height Gauge (300mm) | | **1 no** | 1 | Yes |  |  |  |
| 10. | Snap gauge | | **1 set** | 2 | Yes |  |  |  |
| 11. | Gear tooth Vernier | | **1 no** | Nil | Yes |  |  |  |
| 12. | Parallel Block | | **2 nos** | 2 | Yes |  |  |  |
| 13. | Steel Rule (0-150) | | **15 nos** | 30 | Yes |  |  |  |
| 14. | Outside and Inside Calipers | | **15 each** | 20 | Yes |  |  |  |
| 15. | Thread gauge | | **5 nos** | 3 | Yes |  |  |  |
| 16. | Bevel Protractor | | **1no** | 1 | Yes |  |  |  |
| 17. | Jenny Caliper | | **5 nos** | 10 | Yes |  |  |  |
| 18. | Dial Gauge with Magnetic Stand | | **5 nos** | Nil | Yes |  |  |  |
| 19. | Marking Gauge | | **10 nos** | 10 | Yes |  |  |  |
| 20. | Safety Glass | | **15 nos** | 15 | Yes |  |  |  |
|  | **WELDING** | | | | | | | |
| 1. | Arc welding booth, with oil / air cooled welding transformer with accessories | | **2 No’s** | 4 | Yes |  |  |  |
| 2. | Gas welding unit (Oxygen and acetylene cylinder) | | **1 set** | 1 | Yes |  |  |  |
| 3. | Flux | | **500 gms** | 500 gms | Yes |  |  |  |
| 4. | Electrode 10 SWG | | **200 no’s** | 200 | Yes |  |  |  |
| 5. | Face shield | | **3 no’s** | 15 | Yes |  |  |  |
| 6. | Gas welding goggles | | **2 no’s** | 2 | Yes |  |  |  |
| 7. | Leather Glows 18’’ | | **4 set** | Nil | Yes |  |  |  |
| 8. | Flux chipping hammer | | **4 no’s** | 2 | Yes |  |  |  |
| 9. | Spot welding machine | | **1 no** | 2 | Yes |  |  |  |
|  | **FOUNDRY** | | | | | | | |
| 1. | Crucible furnace | | **1 no** | 1 | Yes |  |  |  |
| 2. | Tilting furnace | | **1 no** | Nil | Yes |  |  |  |
| 3. | Shovel | | **20 nos** | 7 | Yes |  |  |  |
| 4. | Rammer set | | **30 nos** | 30 | Yes |  |  |  |
| 5. | Slick | | **30 nos** | 30 | Yes |  |  |  |
| 6. | Strike-off bar | | **30 nos** | 30 | Yes |  |  | Tool set box 27 nos. & each box 5 nos. |
| 7. | Riddle | | **15 nos** | 20 | Yes |  |  |
| 8. | Trowl | | **30 nos** | 6 | Yes |  |  |
| 9. | Lifter | | **30 nos** | 30 | Yes |  |  |  |
| 10. | Sprue pin | | **60 nos** | 50 | Yes |  |  |  |
| 11. | Brush | | **20 nos** | 30 | Yes |  |  |  |
| 12. | Vent rod | | **30 nos** | 25 | Yes |  |  |  |
| 13. | Draw spike | | **30 nos** | 20 | Yes |  |  |  |
| 14. | Gate cutter | | **30 nos** | 20 | Yes |  |  |  |
| 15. | Cope box | | **30 nos** | 40 | Yes |  |  |  |
| 16. | Drag box | | **30 nos** | 35 | Yes |  |  |  |
| 17. | Core box | | **10 nos** | 20 | Yes |  |  |  |
| 18. | Runner & riser | | **60 nos** | 50 | Yes |  |  |  |
| 19. | Moulding board | | **30 nos** | 30 | Yes |  |  |  |
| 20. | Patterns | | **15 each** | 20 | Yes |  |  |  |

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| **IV (F).** | | **MECH. - IV SEM. – METROLOGY & MEASUREMENT AND MACHINE TOOL TESTING** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Vernier caliper 0.02mm accuracy | | **6** | 8 | Yes |  |  |  |
| 2. | Micrometer 0.01mm accuracy | | **3** | 6 | Yes |  |  |  |
| 3. | Vernier Height gauge 0.02mm accuracy | | **1** | 3 | Yes |  |  |  |
| 4. | Sine Bar | | **2** | 1 | Yes |  |  |  |
| 5. | Slip Gauge | | **2** | 1 | Yes |  |  |  |
| 6. | Inside Micrometer 0.01mm accuracy | | **3** | 4 | Yes |  |  |  |
| 7. | Bevel protractor | | **2** | 2 | Yes |  |  |  |
| 8. | Gear Tooth Vernier caliper | | **2** | 1 | Yes |  |  |  |
| 9. | Thread Micrometer 0.01mm accuracy | | **2** | 2 | Yes |  |  |  |
| 10. | Pitch gauge mm & inch set | | **2 each** | 2 | Yes |  |  |  |
| 11. | Digital Micrometer 0.001mm accuracy | | **2** | 3 | Yes |  |  |  |
| 12. | Vernier Depth gauge | | **2** | 1 | Yes |  |  |  |
| 13. | Sample Specimen as required | |  |  | Yes |  |  |  |
| 14. | Magnetic stand with dial indicator | | **6** | 2 | Yes |  |  |  |
| 15. | Straight edge | | **2** | 1 | Yes |  |  |  |
| 16. | Squares | | **2** | -- |  |  |  | Not in syllabus |
| 17. | Split level | | **6** | 6 | Yes |  |  |  |
| 18. | Test Mandrels for each machines | | **Adeq.** |  |  |  |  |  |

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| **V. ELECTRICAL ENGINEERING** | | | | | | | | |
| **V (A).** | | **ELECTRICAL - FOURTH SEMESTER – ELECTRICAL MACHINES LAB** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | DC Shunt Motor 3 / 5 KW (or more) with loading arrangement | | **1** | 1 | Yes | NOT APPLICABLE | NOT APPLICABLE |  |
| 2. | DC Series Motor 3 / 5 KW (or more) with loading arrangement | | **1** | 1 | Yes |  |
| 3. | DC Compound Motor 3 / 5 KW (or more) with loading arrangement | | **1** | 1 | Yes |  |
| 4. | DC Shunt Generator 3 / 5 KW (or more) coupled with Prime Mover | | **1** | 1 | Yes |  |
| 5. | DC Series Generator 3 / 5 KW (or more) coupled with Prime Mover | | **1** | NIL | No related practical |  |
| 6. | 1 phase Transformer 1KVA (or more) 220V/110V | | **3** | 3 | Yes |  |
| 7. | 3 phase Transformer 1 KVA (or more) 440V/220V | | **1** | 1 | Yes |  |
| 8. | 1 phase Variac 15 Amps | | **3** | 9 of different range | Yes |  |
| 9. | 3 phase Variac 15 Amps | | **1** | 1 | Yes |  |
| 10. | Loading Rheostat 220V, 30A, Single phase loading Rheostat | | **2** | 6 of different range | Yes |  |
| 11. | Tachometer Analog type | | **2** | 2 | Yes |  |
| 12. | Tachometer Digital | | **1** | 1 | Yes |  |
| 13. | 3 point / 4 point starter | | **6** | 6 | No related practical |  |
| 14. | Rheostat – various ranges 50Ω-100Ω,1300Ω-600Ω | | **10** | 31 | Yes |  |
| 15. | DC Ammeter- various ranger 0-1,0-2,0-15,0-30 Amps | | **10** | 22 | Yes |  |
| 16. | DC Voltmeter- various ranges 0-75V,0-150V, 0-300V,0-600V | | **10** | 7 | Yes |  |
| 17. | Wattmeter-various ranges LPF 75/150/300/600 Volts | | **2** | 2 | Yes |  |
| 18. | Wattmeter-various ranges UPF 75/150/300/600 Volts | | **2** | 10 | Yes |  |
| 19. | Synchronous Motor 3 / 5 HP (or more) | | **1** | 1 | Yes |  |
| 20. | 3 Phase Squirrel cage Induction motor 5 HP 440V/20A | | **1** | 1 | Yes |  |
| 21. | 1 phase Induction motor 1 HP 230V/0.5A | | **1** | 1 | Yes |  |
| 22. | 3 phase Slip ring Induction motor 5HP 440V/20A | | **1** | 2 | Yes |  |
| 23. | Alternator 1 phase | | **1** | - | Not |  |
| 24. | Alternator 3 phase | | **1** | 2 | Yes |  |
| 25. | Tachometer Analog type | | **2** | 1 | Yes |  |
| 26. | Tachometer Digital | | **1** | 1 | Yes |  |

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| **V (B).** | | **ELECTRCAL - THIRD SEMESTER – B. E. LAB** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | DC Regulated power supply (0-30V, 1A) | | **10** | 4 | Yes |  |  |  |
| 2. | High Voltage Power Supply (0-250V, 1A) | | **2** | 1 | Not |  |  |
| 3. | Signal Generator (1MHz) | | **4** | 5 | Yes |  |  |
| 4. | Dual trace CRO (20 MHz / 30MHz) | | **5** | 5 | Yes |  |  |
| 5. | Digital Multi meter | | **10** | 9 | Yes |  |  |
| 6. | DC Voltmeter (Analog) (Different Range) | | **15** | -- | Not |  |  |
| 7. | DC Ammeter (Analog) (Different Range) | | **15** | -- | Not |  |  |  |

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| **II. GENERAL [COMMON LABORATORIES]** | | | | | | | | |
| **V (C).** | | **GENERAL [COMMON] – COMPUTER APPLICATIONS PRACTICAL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Desktop Computer System with latest configuration | | **30 Nos** | 05 | YEs |  |  | Order placed for 3 no. of compouters |
| 2. | Power Backup (UPS) | | **10 KVA** | 02 |  |  |  |  |
| 3. | Laser Printer | | **3 Nos** | Nil |  |  |  |  |
| 4. | Operating System [MS WINDOWS / LINUX] | | **30 License** | Nil |  |  |  |  |
| 5. | Office Package [MS OFFICE / OPEN OFFICE] | | **30 License** | Nil |  |  |  |  |

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| **V (D).** | | **ELECTRICAL - FOURTH SEMESTER – ELECTRICAL MACHINES AND INSTRUMENTATION** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Synchronous Motor 3 / 5 HP (or more) | | **1** | 1 | Yes |  |  |  |
| 2. | 3 Phase Squirrel cage Induction motor 5 HP 440V/20A | | **1** | 1 | Yes |  |  |  |
| 3. | 1 phase Induction motor 1 HP 230V/0.5A | | **1** | 1 | Yes |  |  |  |
| 4. | 3 phase Slip ring Induction motor 5HP 440V/20A | | **1** | 2 | Yes |  |  |  |
| 5. | AC Ammeter (0-2)A | | **2** | 2 | Yes |  |  |  |
| 6. | AC Ammeter (0-15)A | | **2** | 0 | -- |  |  |  |
| 7. | AC Ammeter (0-10)A | | **2** | 1 | Yes |  |  |  |
| 8. | AC Ammeter (0-5)A | | **5** | 1 | Not |  |  |  |
| 9. | DC Ammeter (0-2)A | | **3** | 4 | Yes |  |  |  |
| 10. | AC Voltmeter (0-300)V | | **3** | 2 | Yes |  |  |  |
| 11. | AC Voltmeter(0-600)V | | **6** | 4 | Yes |  |  |  |
| 12. | Wattmeter (0-24)V,5A,10A | | **3** | 1 | Yes |  |  |  |
| 13. | Wattmeter (0-60)V,5A,10A | | **7** | 6 | Yes |  |  |  |
| 14. | Wattmeter (0-750)W wattmeter multi range 1500W-10A,3000W- | | **1** | 1 | Yes |  |  |  |
| 15. | Wheatstone bridge | | **2** | - | Not |  |  |  |
| 16. | Anderson Bridge | | **2** | - | Not |  |  |  |
| 17. | Schering Bridge | | **2** | - | Not |  |  |  |
| 18. | 1 Phase Energy meter Calibration Induction Type | | **1** | 0 | --- |  |  |  |
| 19. | 3 Phase Energy meter Calibration Induction Type | | **1** | - | Not |  |  |  |
| 20. | Earth Resistance Kit | | **2** | 1 | Yes |  |  |  |
| 21. | LVDT Kit to measure Displacement | | **2** | - | Not |  |  |  |
| 22. | Load Cell calibration various Load arrangement | | **2** | 1 | Yes |  |  |  |
| 23. | Alternator 1 phase | | **1** | - | Not |  |  |  |
| 24. | Alternator 3 phase | | **1** | 2 | Yes |  |  |  |
| 25. | Tachometer Analog type | | **2** | 1 | Yes |  |  |  |
| 26. | Tachometer Digital | | **1** | 1 | Yes |  |  |  |
| 27. | Synchroscope | | **1** | - | Not |  |  |  |
| 28. | Frequency meter | | **2** | 1 | Yes |  |  |  |
| 29. | PF meter (paver factor meter) | | **2** | 2 | Yes |  |  |  |
| 30. | Single phase R.S.S meter | | **1** | - | Not |  |  |  |
| 31. | 3 phase R.S.S meter | | **1** | - | Not |  |  |  |

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| **VI. ELECTRONICS AND COMMUNICATION ENGINEERING** | | | | | | | | |
| **VI (A).** | | **ECE - THIRD SEMESTER – ELECTRONIC DEVICES AND CIRCUITS PRACTICAL** | | | | | | |
| **If the Institution is offering EEE Branch, the following details for ELECTRONIC DEVICES AND CIRCUITS Lab need not be provided. Otherwise, the Institution is requested to fill up the following details for ELECTRONIC DEVICES AND CIRCUITS Practical** | | | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | DC Regulated power supply (0-30V, 1A) | | **10** | 10 | Yes |  |  |  |
| 2. | High Voltage Power Supply (0-250V, 1A) | | **2** | -- |  |  |  |  |
| 3. | Signal Generator (1MHz) | | **4** | 4 | Yes |  |  |  |
| 4. | Dual trace CRO (20 MHz / 30MHz) | | **5** | 5 | Yes |  |  |  |
| 5. | Digital Multi meter | | **10** | 10 | Yes |  |  |  |
| 6. | DC Voltmeter (Analog) (Different Range) | | **15** | 15 | Yes |  |  |  |
| 7. | DC Ammeter (Analog) (Different Range) | | **15** | 15 | Yes |  |  |  |

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| **VI (B).** | | **ECE - THIRD SEMESTER – ELECTRICAL CIRCUITS AND INSTRUMENTATION** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Regulated power supply  (0-30V, 1A) | | **8** | 8 | Yes |  |  |  |
| 2. | Dual trace CRO (20MHz) | | **4** | 4 | Yes |  |  |  |
| 3. | Signal Generator (1MHz) | | **3** | 3 | Yes |  |  |  |
| 4. | Voltmeter (0 – 15 volts) | | **8** | 8 | Yes |  |  |  |
| 5. | Ammeter (0 – 15 mA) | | **6** | 6 | Yes |  |  |  |
| 6. | Digital Multi meter | | **4** | 4 | Yes |  |  |  |
| 7. | Ammeter (0 – 100 mA) | | **8** | 8 | Yes |  |  |  |
| 8. | Galvanometer | | **1** | 1 | Yes |  |  |  |
| 9. | Decade resistance box | | **1** | 1 | Yes |  |  |  |

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| **VI (C).** | | **ECE - THIRD SEMESTER – PROGRAMMING IN C** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Desktop Computers | | **36 nos** | 10 | Yes |  |  |  |
| 2. | Laser Printer | | **4 nos** | 3 | Yes |  |  | DMP+Laser+Inkjet |
| 3. | C – Compiler with Editor | | **36 License** | \* | -- |  |  | \*Using open source C Compiler |

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| **VI (E).** | | **ECE - IV SEMESTER – INDUSTRIAL ELECTRONICS AND COMMUNICATION ENGG.** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Regulated power supply  (0-30V) | | **5** | 5 | Yes |  |  |  |
| 2. | Dual trace CRO | | **2** | 2 | Yes |  |  |  |
| 3. | Signal Generator | | **2** | 2 | Yes |  |  |  |
| 4. | PAM Kit | | **1** | 1 | Yes |  |  |  |
| 5. | PWM Kit | | **1** | 1 | Yes |  |  |  |
| 6. | PPM Kit | | **1** | 1 | Yes |  |  |  |
| 7. | PCM Kit | | **1** | 1 | Yes |  |  |  |
| 8. | PLC | | **2** | -- | --- |  |  | Not ion Syllabus |

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| **VI (F).** | | **ECE - FOURTH SEMESTER – INTEGRATED CIRCUITS PRACTICAL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | IC trainer Kits | | **10** | 10 | Yes |  |  |  |
| 2. | Function Generator | | **2** | 2 | Yes |  |  |  |
| 3. | 0-30V power supply | | **2** | 2 | Yes |  |  |  |
| 4. | 20MHz CRO | | **2** | 2 | Yes |  |  |  |

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| **IX. AUTOMOBILE ENGINEERING** | | | | | | | | |
| **IX (A).** | | **AUTOMOBILE - THIRD SEMESTER – MECHANICAL TESTING & QUALITY CONTROL** | | | | | | |
| **If the Institution is offering MECHANICAL ENGG Branch, the following details for MECHANICAL TESTING & QUALITY CONTROL Lab need not be provided. Otherwise, the Institution is requested to fill up the following details for MECHANICAL TESTING & QUALITY CONTROL Lab.** | | | | | | | | |
| S.  No | List of Equipments | | Quantity Required (in Nos) | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | UTM | | **1** | 2 | Yes |  |  |  |
| 2. | Rockwell’s Hardness Testing Machine | | **1** | 1 | Yes |  |  |  |
| 3. | Torsion testing machine | | **1** | 1 | Yes |  |  |  |
| 4. | Deflection testing arrangement | | **1** | 1 | Yes |  |  |  |
| 5. | Impact testing machine | | **1** | 1 | Yes |  |  |  |
| 6. | Tension testing arrangements | | **1** | 1 | Yes |  |  |  |
| 7. | Shear testing machine | | **1** | -- | -- | No |  |  |
| 8. | Vernier calliper | | **2** | 2 | Yes |  |  |  |
| 9. | Metallurgical Microscope | | **6** | 3 | Yes |  |  |  |
| 10. | Sample Specimen for ferrous & non- ferrous (Identification) | | **6 EACH** | 6 each | Yes |  |  |  |
| 11. | For LPT   1. Die 2. Cleaner 3. Developer | | **2 no’s**  **4 no’s**  **4 no’s** | -- | -- |  |  | Not required |
| 12. | Magnetic particle test equipment | | **2 no’s** | -- |  |  |  | Not required |
| 13. | Belt polishing machine | | **1** | 1 | Yes |  |  |  |
| 14. | Lapping machine | | **1** | 1 | Yes |  |  |  |
| 15. | Sample Specimen | | **10 no’s** | 10 | Yes |  |  |  |

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| **IX (B).** | | **AUTOMOBILE - THIRD SEMESTER – AUTOMOBILE CHASSIS AND TRANSMISSION** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Valcanizing kit | | **2 nos** | 2 | Yes |  |  |  |
| 2. | Four Wheel alignment kit | | **1 no** | 1 | Yes |  |  |  |
| 3. | Wheel balancing device | | **1 no** | 1 | Yes |  |  |  |
| 4. | Mechanical / Hydraulic Press | | **1 no** | -- | -- |  |  |  |
| 5. | Hydraulic brake system fixed in the frame | | **1 no** | 1 | Yes |  |  |  |
| 6. | Screw jack / Hydraulic jack | | **2 nos** | 2 | Yes |  |  |  |
| 7. | Hoist | | **2 nos** | 1 | Yes |  |  |  |
| 8. | Trolley | | **2 nos** | -- | -- |  |  |  |
| 9. | Spanners & Tools | | **6 sets** | 20 sets | Yes |  |  |  |

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| **IX (D).** | | **AUTOMOBILE - FOURTH SEMESTER – COMPUTER AIDED MACHINE DRAWING** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Personal computer  (With latest processor to suit Auto CAD) | | **30 Nos** |  |  |  |  |  |
| 2. | MS Windows OS | | **30 Nos** |  |  |  |  |  |
| 3. | AutoCAD software (release 2000 or above) | | **30 users** |  |  |  |  |  |

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| **IX (F).** | | **AUTOMOBILE - FOURTH SEMESTER – HEAT ENGINE LAB** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Model for Port timing diagram / Valve timing diagram | | **Each 1 no** | -- | -- |  |  |  |
| 2. | Open cup apparatus and Closed cup apparatus | | **Each 1 no** | -- | -- |  |  |  |
| 3. | Say bolt viscometer | | **1 no** | -- | -- |  |  |  |
| 4. | Red wood viscometer | | **1 no** | -- | -- |  |  |  |
| 5. | Bomb Calorimeter | | **1 no** | -- | -- |  |  |  |
| 6. | Petrol engine test rig to conduct load test | | **1 no** | 1 | Yes |  |  |  |
| 7. | Diesel engine test rig to conduct load test | | **1 no** | 1 | Yes |  |  |  |
| 8. | Multi cylinder Petrol or Diesel engine. | |  | -- | -- |  |  |  |
| 9. | Petrol / Diesel Engine test rig to find heat balance sheet. | | **1 no** | 1 | Yes |  |  |  |
| 10. | Exhaust gas analyzer. | | **1 no** | 1 | Yes |  |  |  |
| 11. | Smoke meter. | | **1 no** | 1 | Yes |  |  |  |

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| **IX (G).** | | **AUTOMOBILE - FOURTH SEMESTER – INDUSTRIAL AUTOMATION PRACTICAL** | | | | | | |
| S.  No | List of Equipments | | Quantity Required | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Pneumatic trainer kit | | **2 nos** | -- | -- |  |  |  |
| 2. | Air compressor | | **1 no** | 1 | Yes |  |  |  |
| 3. | Hydraulic trainer kit with hydraulic power pack | | **2 nos** | -- | -- |  |  |  |
| 4. | Programmable logic controller | | **2 nos** | -- | -- |  |  |  |
| 5. | Boards to fix the component | | **Min.**  **6 nos** | 6 | Yes |  |  |  |
| 6. | Sufficient Pneumatic and Hydraulic components. | |  | -- | Yes |  |  |  |

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| **X (A)** | **OMCA DEPARTMENT LAB** | | | | | |
| S.  No | List of Equipments | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Electronic Typewriter | 1 | Yes |  |  |  |
| 2. | Electronic Stensil Cutter | 1 | Yes |  |  |  |
| 3. | Spiral Binding Machine | 1 | Yes |  |  |  |
| 4. | Cyclostyle Machine | 2 | Yes |  |  |  |
| 5. | Lamination Machine | 1 | Yes |  |  |  |
| 6. | Typewriter Standard Size | 18 | Yes |  |  |  |
| 7. | Portable Typewriter | 2 | Yes |  |  |  |
| 8. | Computer Systems | 11 | Yes |  |  |  |

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| **XI (A)** | **MECHANICAL TOOL & DIE (MTD)**  **HEAT TREATMENT LAB** | | | | | |
| S.  No | List of Equipments | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Muffle furnace | 1 | Yes |  |  |  |
| 2. | Thermometre | 2 | Yes |  |  |  |

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| **XI (B)** | | **MTD – CAD LAB** | | | | | |
| S.  No | List of Equipments | | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Personal computer  (With latest processor to suit Auto CAD) | | 11 | Yes |  |  |  |
| 2. | Printer | | 1 | Yes |  |  | Multi-function |

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| **XI (C)** | | **MTD – WORKSHOP (TOOL & DIE)** | | | | | |
| S.  No | List of Equipments | | Quantity Available | Adequate or Not | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Workbench | | 1 | Yes |  |  |  |
| 2. | Drilling Machine | | 1 | Yes |  |  |  |
| 3. | Power Press | | 1 | Yes |  |  |  |
| 4. | Lathe Machine | | 1 | Yes |  |  |  |
| 5. | Power Hexa | | 1 | Yes |  |  |  |
| 6. | Universal Milling M/C | | 1 | Yes |  |  |  |
| 7. | Surface Plate | | 1 | Yes |  |  |  |

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| **XI (D)** | | **MTD – TOOL & DIE LAB** | | | | |
| S.  No | List of Equipments | | Quantity Available | If Not, Whether Order has been placed? | If YES, Purchase Order details | Remarks |
| 1. | Die & Punches | | Adequate |  |  |  |
| 2. | Jigs & Fixtures | | Adequate |  |  |  |
| 3. | Gauges | | Adequate |  |  |  |
| 4. | Hydraulic Jack | | Adequate |  |  |  |
| 5. | Drills | | Adequate |  |  |  |
| 6. | Vices | | Adequate |  |  |  |
| 7. | Dressing Attachments | | Adequate |  |  |  |
| 8. | St. Edges | | Adequate |  |  |  |
| 9. | Mould Housing | | Adequate |  |  |  |
| 10. | C.S.K. Dies Set | | Adequate |  |  |  |
| 11. | Plastic Mould | | Adequate |  |  |  |
| 12. | Furniture | | Adequate |  |  |  |
| 13. | Clamping Vices | | Adequate |  |  |  |