

Mandatory Disclosures 2017-18

Mandatory disclosures updated on 01/04/17

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| 1. | AICTE File No. | 1-458410801 |
| | Date & Period of last approval | 30.03.2017, 2017-18 |
| 2 | Name of The Institution | CENTRAL INSTITUTE OF HAND TOOLS |
| | Address Including Telephone, Fax, E-Mail. | G.T.ROAD, BYE PASS, JALANDHAR – 144008 ([PUNJAB) |
| | Phone No.: | 0181-2290196, 2290226, 2290225 |
| | E-Mail | 0181 - 2290457 |
| | Fax No. | Institute_jld@dataone.in |
| | Office Hours at the Institutions | 09:00 AM to 05:00 PM |
| 3 | Type of Institution | Government Aided |
| | Category (1) of The Institution | Non- Minority |
| | Category (2) of The Institution | Co-Education |
| 4 | Name of The Affiliating Board. | Directorate of Technical Education & Industrial Training (Punjab), Chandigarh |
| | Address | Plot. No. 1-A, Sector 36-A, Chandigarh. |
| | Website | http://www.punjabteched.com/ |
| | Latest Affiliation Period | 2017-18 |
| 5 | Name & Designation of Principal / Director | Sh. A.K. Bathla, Principal Director |
| | Address including telephone, Fax, e-mail | As per Sl. No. 2 |
| | Qualification | M.Tech |
| | Field of Specialization | Mechanical (Production) |

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| 6 | GOVERNANCE | |
| | Governing Board Members | As per Annexure - I |
| | Frequency of meetings & date of last Meeting | Twice in a Year |
| 7 | Academic Advisory Body | As per Annexure - I |
| | Frequency of meetings & date of last Meeting | Twice in a Year |
| 8 | Organizational chart and process | As per Annexure- II |
| 9 | Nature and Extent of involvement of faculty and students in academic affairs/improvements | Meetings are organized with Principal Director, Students & Training Staff. Parents are also welcome |
| | Mechanism/Norms & Procedure for Democratic / good Governance | As per rules & regulations of the Society |
| | Student Feedback Mechanism on Institutional Governance / Faculty performance | Subject wise Feedback is taken from the Students. |
| | Grievances Redressal Mechanism for Faculty staff and students | Grievances Redressal committee has been constituted |
| 10 | PROGRAMMES | |
| | Name of the Programmes approved by the AICTE | 1. Diploma in Mechanical Engineering (Tool & Die) 2. Diploma in Computer science & Engineering |
| | Name of the Programmes accredited by AICTE | |
| | For each Programme the following details are to be given | |
| | 1. Name 2. Number of seats 3. Duration 4. Cut off mark / rank for admission during the last three years 5. Fee | 1. Diploma in Mechanical Engineering (Tool & Die) 2. 60 (2017-18) and 12 for lateral entry 3. 4 Years 4. As per direction of PSBTE & IT Chandigarh 5. Rs. 36,000/- Annually (As per PSBTE Norms) |
| | 1. Name 2. Number of seats 3. Duration 4. Cut off mark / rank for admission during the last three years 5. Fee | 1. Diploma in Computer science & Engineering 2. 60 (2017-18) and 12 for lateral entry 3. 4 Years 4. As per direction of PSBTE & IT Chandigarh 5. Rs. 36,000/- Annually (As per PSBTE Norms) |

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| 11 | Placement Facility | Yes available |
| | Campus Placement in the last three years with minimum and maximum salary | Year wise Placement status: 2016-17: 21 2015-16: 21 2014-15: 27 |
| 12 | Name and duration of programme(s) having affiliation / collaboration with Foreign Board(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details | NOT applicable |
| | <p>Details of the Foreign Institution/ Board:</p> <p>Name of the Board /Institution</p> <p>Address</p> <p>Website</p> <p>Is the Institution/University Accredited in its Home Country</p> <p>Ranking of the Institution/ Board in the Home Country</p> <p>Whether the diploma offered is equivalent to an Indian Diploma? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country</p> <p>Nature of Collaboration</p> <p>Conditions of Collaboration</p> <p>Programme Focus</p> <p>Number of seats</p> <p>Admission Procedure</p> <p>Fee</p> <p>Placement Facility</p> <p>Placement Records for last three years with minimum salary, maximum salary and average salary</p> <p>Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign</p> <p>Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005</p> | NOT applicable |
| 13 | FACULTY | |
| | List of faculty members: | Annexure III |
| | Permanent Faculty | All faculty member recruited are permanent |
| | Visiting Faculty | Nil |
| | Adjunct Faculty | Nil |
| | Guest Faculty | Nil |
| | Permanent Faculty: Student Ratio | 1 : 20 |

14. BRIEF PROFILE PRINCIPAL/ OF DIRECTOR AND FACULTY MEMBER

| | | |
|-----|-------------------------------------|--|
| 01. | Name | Shri A.K. Bathla |
| 02 | Date of Birth | 3rd May 1958 |
| 03 | Educational Qualification | B.Sc Engg. (Mechanical) ME, Mechanical (Production) |
| 04 | Work Experience | |
| | Teaching | 11 Years |
| | Research | Nil |
| | Industry | 24 Years |
| | Others | --- |
| 05 | Area of Specialization | Tool Room |
| 06 | Subject teaching at Diploma Level | Production Engineering |
| | Post Diploma Level | |
| 07 | Research Guidance | Nil |
| 8 | No. of Papers Published in | Nil |
| | Masters: - National Journal | Nil |
| | Ph.D: -International Journal | --- |
| | -Conferences | |
| 09 | Project Carried out | --- |
| 10 | Patents | Yes |
| 11 | Technology Transfer | Nil |
| 12 | Research Publications | Yes |
| 13 | No. of books published with details | Nil |

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|------------|-------------------------------------|--|
| 01. | Name | Shri P.K. Verma |
| 02 | Date of Birth | 10.10.1981 |
| 03 | Educational Qualification | M.Tech (Industrial Engg.) |
| 04 | Work Experience | |
| | Teaching | 09 Years |
| | Research | Nil |
| | Industry | 2.5 Years |
| | Others | --- |
| 05 | Area of Specialization | Industrial Engineering |
| 06 | Subject teaching at Diploma Level | Metrology, Quality, Hydraulics & Pneumatics etc., |
| | Post Diploma Level | |
| 07 | Research Guidance | Nil |
| 8 | No. of Papers Published in | Nil |
| | Masters: - National Journal | Nil |
| | Ph.D: -International Journal | --- |
| | -Conferences | 03 |
| 09 | Project Carried out | --- |
| 10 | Patents | Nil |
| 11 | Technology Transfer | Nil |
| 12 | Research Publications | Yes |
| 13 | No. of books published with details | Nil |

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|------------|-------------------------------------|---|
| 01. | Name | Shri R.K. Singh |
| 02 | Date of Birth | 10. 12. 1985 |
| 03 | Educational Qualification | B.E (Industrial & Production) M.Tech (Manufacturing Technology) |
| 04 | Work Experience | |
| | Teaching | 05 Years |
| | Research | 01 Years |
| | Industry | 2 Years |
| | Others | --- |
| 05 | Area of Specialization | Industrial Engineering / Manufacturing Technology |
| 06 | Subject teaching at Diploma Level | Tool Design |
| | Post Diploma Level | |
| 07 | Research Guidance | Nil |
| 8 | No. of Papers Published in | Nil |
| | Masters: - National Journal | Nil |
| | Ph.D: -International Journal | --- |
| | -Conferences | 03 |
| 09 | Project Carried out | Technology Gap analysis of Sewing machine Cluster at Ludhiana, sponsored by TIFAC Deptt. Of Science & tech. govt. of India |
| 10 | Patents | Nil |
| 11 | Technology Transfer | Nil |
| 12 | Research Publications | Yes |
| 13 | No. of books published with details | Nil |

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|------------|-------------------------------------|----------------------------------|
| 01. | Name | Shri Amit Kumar |
| 02 | Date of Birth | 06.10.1982 |
| 03 | Educational Qualification | B.Tech (Mechanical Engg.) |
| 04 | Work Experience | |
| | Teaching | 01 Years |
| | Research | Nil |
| | Industry | 10 Years |
| | Others | --- |
| 05 | Area of Specialization | Tool Room / Production |
| 06 | Subject teaching at Diploma Level | CNC Workshop Practical |
| | Post Diploma Level | |
| 07 | Research Guidance | Nil |
| 8 | No. of Papers Published in | Nil |
| | Masters: - National Journal | Nil |
| | Ph.D: -International Journal | --- |
| | -Conferences | |
| 09 | Project Carried out | --- |
| 10 | Patents | Nil |
| 11 | Technology Transfer | Nil |
| 12 | Research Publications | Nil |
| 13 | No. of books published with details | Nil |

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|------------|-------------------------------------|--|
| 01. | Name | Shri M. R. Sallan |
| 02 | Date of Birth | 04.03.1964 |
| 03 | Educational Qualification | Diploma in Mechanical Engineering |
| | Work Experience | |
| 04 | Teaching | 19 years |
| | Research | Nil |
| | Industry | 14 years |
| | Others | Nil |
| 05 | Area of Specialization | Tool Room /CNC Machines/ HT |
| 06 | Subject teaching at Diploma Level | Nil |
| | Post Diploma Level | Nil |
| 07 | Research Guidance | Working Model of water Jet Machining in collaboration with NIT, Jalandhar Development of Gas Burner model with IIT, Delhi |
| 08 | Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 09 | Project Carried out | Nil |
| 10 | Patents | Nil |
| 11 | Technology Transfer | Nil |
| 12 | Research Publication | Nil |
| 13 | No. of books published with details | Nil |

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|------------|-------------------------------------|---|
| 01. | Name | Shri S.S.Nanra |
| 02 | Date of Birth | 08.06.1954 |
| 03 | Educational Qualification | B.Sc (Non-Medical) |
| 04 | Work Experience | |
| | Teaching | 10 Years |
| | Research | Nil |
| | Industry | 30 years |
| | Others | Nil |
| 05 | Area of Specialization | Metal Quenching / Electroplating |
| 06 | Subject teaching at Diploma Level | Mathematics , Physics and Communication skills |
| | Post Diploma Level | |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in | |
| | Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|--|
| 01. | Name | Shri Sarabjeet Singh |
| 02 | Date of Birth | 16.11.1988 |
| 03 | Educational Qualification | B.Tech (Mech. Engg. M.Tech |
| 04 | Work Experience | 05 Nil 2 years Nil |
| | Teaching | |
| | Research | |
| | Industry | |
| | Others | Nil |
| 05 | Area of Specialization | Material science |
| 06 | Subject teaching at Diploma Level Post Diploma Level | Material science, SOM, HT, CNC Tech., Engineering Drawing etc., |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|---|
| 01. | Name | Shri Vikramjeet Attri |
| 02 | Date of Birth | 18.12.1985 |
| 03 | Educational Qualification | B.Tech (Mechanical Engg.) MBA (Operation Management) |
| 04 | Work Experience | |
| | Teaching | 10 |
| | Research | Nil |
| | Industry | Nil |
| | Others | Nil |
| 05 | Area of Specialization | CAD/CAM |
| 06 | Subject teaching at Diploma Level | CAD/CAM, Industrial engg, PPC, IM and entrepreneurship |
| | Post Diploma Level | CAD/CAM |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|-----------------------------------|
| 01. | Name | Shri Gaurav Kapahi |
| 02 | Date of Birth | 14.07.1985 |
| 03 | Educational Qualification | B.Tech (Mechanical Engg.) |
| 04 | Work Experience | |
| | Teaching | 02 |
| | Research | Nil |
| | Industry | 10 |
| | Others | Nil |
| 05 | Area of Specialization | Tool Room |
| 06 | Subject teaching at Diploma Level | CNC Workshop |
| | Post Diploma Level | Nil |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|---|
| 01. | Name | Shri Mahesh Kumar Dixit |
| 02 | Date of Birth | 23.11.1971 |
| 03 | Educational Qualification | Diploma in Mechanical Engineering Post Diploma in Automobile and Tractor Engineering |
| 04 | Work Experience | |
| | Teaching | 10 years |
| | Research | Nil |
| | Industry | 15 years |
| | Others | Nil |
| 05 | Area of Specialization | Forging of Hand Tools, Marketing and Production |
| 06 | Subjec teaching at Diploma Level Post Diploma Level | Nil |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|-----------|--|--------------------------------------|
| 1. | Name | Shri R.K.Sharma |
| 02 | Date of Birth | 20.09.1958 |
| 03 | Educational Qualification | B.Sc. B.Ed |
| 04 | Work Experience | |
| | Teaching | 14 years |
| | Research | Nil |
| | Industry | 20 years |
| | Others | Nil |
| 05 | Area of Specialization | Testing & Quality Control |
| 06 | Subject teaching at Diploma Level | Nil |
| | Post Diploma Level | Nil |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|--|
| 01. | Name | Shri Jaspal Singh |
| 02 | Date of Birth | 03.03.1974 |
| 03 | Educational Qualification | Diploma in Mechanical Engineering |
| 04 | Work Experience | |
| | Teaching | 5 Years |
| | Research | Nil |
| | Industry | 14 years |
| | Others | Nil |
| 05 | Area of Specialization | Programming and Training CAD/CAM Software |
| 06 | Subject teaching at Diploma Level Post Diploma Level | CNC Programming / CAD CAM |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|---|
| 01. | Name | Shri Aman Verma |
| 02 | Date of Birth | 30.09.1975 |
| 03 | Educational Qualification | M.Tech (Mechanical engg. & Design) |
| 04 | Work Experience | |
| | Teaching | 14 |
| | Research | 02 |
| | Industry | 6 years |
| | Others | Nil |
| 05 | Area of Specialization | Tool Room / Production |
| 06 | Subject teaching at Diploma Level | Tool Design |
| | Post Diploma Level | Nil |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|---|
| 01. | Name | Shri Karnail Singh |
| 02 | Date of Birth | 30.05.1974 |
| 03 | Educational Qualification | Diploma in Mechanical Engineering |
| 04 | Work Experience | |
| | Teaching | 5 |
| | Research | Nil |
| | Industry | 9 years |
| | Others | Nil |
| 05 | Area of Specialization | Programming & Operations of CNC Turning Centre |
| 06 | Subject teaching at Diploma Level Post Diploma Level | Nil |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|---|
| 01. | Name | Shri Joginder Singh |
| 02 | Date of Birth | 05.04.1975 |
| 03 | Educational Qualification | ITI/ Certificate course in Tool & Die making |
| 04 | Work Experience | |
| | Teaching | 6 |
| | Research | Nil |
| | Industry | 9 years |
| | Others | Nil |
| 05 | Area of Specialization | CNC Programming and machining |
| 06 | Subject teaching at Diploma Level Post Diploma Level | CNC Programming |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|--|----------------------------|
| 01. | Name | Shri Bachitra Singh |
| 02 | Date of Birth | 18.11.1966 |
| 03 | Educational Qualification | Pre University |
| 04 | Work Experience | |
| | Teaching | 6 |
| | Research | Nil |
| | Industry | 23 years |
| | Others | Nil |
| 05 | Area of Specialization | CNC Wire cut / EDM |
| 06 | Subject teaching at Diploma Level Post Diploma Level | CNC Wire cut / EDM |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|---|----------------------------------|
| 01. | Name | Ms. Priyanka |
| 02 | Date of Birth | 28.05.1986 |
| 03 | Educational Qualification | Master in Library science |
| 04 | Work Experience | |
| | Teaching | 8 |
| | Research | Nil |
| | Industry | Nil |
| | Others | Nil |
| 05 | Area of Specialization | Library Science |
| 06 | Subject teaching at Diploma Level Post Diploma Level | Communication skills |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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|------------|---|----------------------------------|
| 01. | Name | Sh. Anmol |
| 02 | Date of Birth | 24.09.1984 |
| 03 | Educational Qualification | M.Tech |
| 04 | Work Experience | |
| | Teaching | 3 Years |
| | Research | Nil |
| | Industry | 5 years |
| | Others | Nil |
| 05 | Area of Specialization | Quality control |
| 06 | Subject teaching at Diploma Level Post Diploma Level | QC & Material testing |
| 07 | Research Guidance | Nil |
| | No. of Papers Published in Masters's - National Journal | Nil |
| | Ph.D -International Journal | Nil |
| | -Conferences | Nil |
| 08 | Project Carried out | Nil |
| 09 | Patents | Nil |
| 10 | Technology Transfer | Nil |
| 11 | Research Publication | Nil |
| 12 | No. of books published with details | Nil |

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| Admission: | |
| Number of seats sanctioned with the year of approval. | 60 in each (2017-18) |
| Number of students admitted in the last three years | As per Annexure - IV |
| Number of applications received during last two years for admission under Management Quota and number admitted | Nil (under Management Quota) |
| Admission Procedure: | |
| Mention the admission test being followed, name and address of the Test Agency and its URL (website). | Admissions shall be made through ON-line counselling by NIC, in collaboration with the Board (PSBTE & IT Chandigarg). Detailed instructions for online admission procedure will also be available on Board's websites www.punjabteched.net and www.punjabteched.com |
| Number of seats allotted to different Test Qualified candidates separately [JET (State conducted test/Board tests)/Association conducted test] | As per the Admission prospectus of PSBTE & IT for the year 2017-18, the same will be available on http://psbte.gov.in/publicinfo/Handler/FileHandler.ashx?i=File&ii=17&iii=Y |
| Calendar for admission against management/vacant seats: | Calendar will be displayed (if required) for vacant seats after completion online Counselling of Board |
| <ul style="list-style-type: none"> ➤ Last date for request for applications. ➤ Last date for submission of application. ➤ Dates for announcing final results. ➤ Release of admission list (main list and waiting list should be announced on the same day) ➤ Date for acceptance by the candidate (time given should in no case be less than 15 days) ➤ Last date for closing of admission. ➤ Starting of the Academic session. ➤ The waiting list should be activated only on the expiry of date of main list. ➤ The policy of refund of the fee, in case of withdrawal, should be clearly notified. | As per the Admission prospectus of PSBTE & IT for the year 2017-18, the same will be available on http://psbte.gov.in/publicinfo/Handler/FileHandler.ashx?i=File&ii=17&iii=Y |
| Criteria and weight ages for admission | |
| Application form | |
| List of applicants | |

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| Results of admission under management seats/vacant seats | |
| FEE | |
| Details of fee, as approved by State fee Committee, for the Institution. | Rs. 36000/- per annum (exempted to SC /ST Students) |
| Time schedule for payment of fee for the entire Programme. | Fee is to be paid on quarterly basis |
| No. of Fee waivers granted with amount and name of Students. | Annexure V |
| Number of scholarship offered by the institute, duration and amount | Nil |
| Criteria for fee waivers/scholarship. | As per the Admission prospectus of PSBTE & IT for the year 2017-18, the same will be available on http://psbte.gov.in/publicinfo/Handler/FileHandler.ashx?i=File&ii=17&iii=Y |
| Estimated cost of Boarding and Lodging in Hostels. | Room rent Rs. 1000/- per quarter Mess charges - as applicable |

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| LIBRARY: | |
| Number of Library books/Titles/Journals available | Books 2661 Nos, Journals – 08 Nos |
| List of online National/International Journals subscribed. | Nil |
| E-Library facilities | |
| LABORATORY: | |
| For each Laboratory | |
| List of Major Equipment/Facilities | As per Annexure VI |
| List of Experimental Setup | |
| COMPUTING FACILITIES: | |
| Number and Configuration of Systems | 120, (core i5 and i7) |
| Total number of systems connected by LAN | 60 |
| Total number of systems connected to WAN | Nil |
| Internet bandwidth | 2 MBPS |
| Major software packages available | Auto CAD, Catia, NX, CNC simulator for milling & Turning, Solid works, solid edge, work NC, Master cam, Robotino, SCADA, forging simulation etc., |
| Special purpose facilities available | Nil |
| WORKSHOP: | As per Annexure VI |
| List of facilities available. | |
| Games and Sports Facilities | Volleyball Court and cricket grounds are available and are being used by students |
| Extra Curriculum Activities | Vishvakarma day, Hindi day, Sports week, Vigilance week, Entrepreneurs day, Alumini meet, Yoga Day, Swachta Pakhwara, Azadi celebration, etc are organized in the institute as per their schedule |
| Soft Skill Development Facilities | Personality Development Programme is being organized on regular basis |
| Number of Classroom and their size s and their size | 04 (53, 38, 50, 58) m² approx |
| Number of Tutorial rooms and their size | 03 (43.7, 43.7 & 30.6)m² approx |
| Number of Laboratory and their size | |
| Training Shop-1 | 531 m² |
| Training Shop-2 | 468 m² |
| Training Shop-3 | 250 m² |
| H.T. shop | 700 m² |
| Forge Shop | 811 m² |
| Testing Lab | 63 m² |

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| Standard room | 47.3m² |
| Computer Room | 90 m² |
| CAD/CAM | 90 m² |
| Number of drawing halls and their size | 01, 53.5 m² |
| Number of Computer Centres with capacity of each | 04 (30 In each centre) |
| Central Examination Facility, No. of rooms and capacity | No |
| Teaching Learning process | |
| Curriculum and syllabi for each of the programmes as approved by the university | As per PSBTE & IT- Chandigarh |
| Academic Calendar of the Board/Institute Academic Time Table | As per PSBTE & IT- Chandigarh |
| Internal Continuous Evaluation System and place | 3 exams are conducted in a year at CIHT jalandhar |
| Students' assessment System and place. | Once in a year at CIHT jalandhar |
| For each Post Diploma programme give the following: | Not Applicable |

Facility available:

CONSULTANCY

- Design & Manufacture of various tooling, jigs, fixtures and gauges used in hand tool and other Engineering industry.
- Induction Hardening processes applicable to various hand tools i.e Pipe Wrenches, Pliers, all type of hammers and other engineering items.
- Forging of various hand tools i.e. Spanners, Wrenches, Pliers, Claw Hammers, Pipe Wrenches and other commercial forgings.
- Chemical and Physical testing of ferrous material and calibration of gauges.
- Certificate Courses and Short Term Courses in Tool & Die Making.
- Establishment of Tool Rooms & Production Shops as per product mix.
- Selection of Machine Tools (New & Modern) apart from existing infrastructure.
- Training Personnel in available fields of testing and quality control.
- Similar Testing Laboratories / Standards rooms can be developed in those countries.

Training:

Long Term Courses:

- 4 years Diploma in Mechanical Engg. (Tool and Die), started in the year 2007 with intake capacity of 20 students. At present intake capacity of 60 students.
- 3 years Diploma in Computer Science & Engineering, started in year 2013 with intake capacity of 60 students

Short Term Courses:

- CAD/CAM Softwares: Auto CAD, CATIA, Pro-E/ Creo, NX, Master CAM, Solid works and Work NC.
- Computer hardware and Networking
- PHP and Web Designing
- Embedded system And its application
- Automation With PLC and its application
- Electro Discharge Machining (EDM)
- CNC Wire cut
- CNC Milling operation & Programming
- CNC Turning operation & Programming
- Measurement and Calibration

TOOL ROOM:

The Tool Room is equipped with following indigenous as well as imported machinery: -

- CNC Wire Cut Machine
- CNC Machining Centre (VMC-800) HMT
- CNC Turning CL 2050 Make Batliboi

- CNC Vertical Machining Centre, DAEWOOD
- CNC Turner Lathe Machine, CNC Trainer Milling Machine
- 3D Co-ordinate Measuring Machine
- Injection Moulding Machine
- Spark Erosion Machine
- Lathe HMT NH-22/1500, Lathe HMT NH-26/3000
- Vertical Milling Machine (HMT) - 2 Nos.
- Universal Milling Machine (HMT) - 2 Nos.
- Cylindrical Grinding Machine
- Horizontal Surface Grinding Machine
- Tool & Cutter Grinder
- Copy Milling Machine
- Shaper Machine - 2 Nos.
- Band Saw, Power Hacksaw

The Tool Room is providing assistance to the industries by way of making Forging Dies, Trimming Dies, Blanking Dies, Broaches, Gauges.

HEAT TREATMENT SHOP

The Heat Treatment Shop is equipped with the following indigenous as well as imported machinery/equipment to undertake training and heat treatment of various Hand Tools and other engineering industries.

- Induction Heater (High Frequency), 60 KW
- Induction Heater (High Frequency), 20 KW
- Salt Bath Furnace (Neutral)
- Electric Tempering Furnace - 3 Nos.
- High Speed Steel Electrode Type Salt Bath Furnace
- Hydraulic Straightening Press
- Gas Carburizing Furnace

The department is also providing assistance by way of doing quality Heat Treatment on Blanking Dies, Trimming Dies, Hand Tools, Gears for Automobiles etc. & Mild Steel.

FORGE SHOP

The Forge Shop is equipped with the following hammers and presses to provide technical training and common facilities services to the industries: -

- Forging Press, Capacity 600 Ton (Imported)
- Belt Drop Hammer, Capacity - 2 Ton
- Belt Drop Hammer, Capacity - 1 Ton
- Power Press, Capacity 120 Ton (Italy)
- Power Press, Capacity 100 Ton
- Power Press, Capacity 50 Ton

- Power Press, Capacity 200 Ton
- Billet Shearing Machine, Capacity 100 MM
- Oil Fired Furnaces - 2 Nos.
- Induction Heater 125 KW

This department is providing common facility services by way of forging following

Hand Tools: -

- Claw Hammer
- Open End Spanner
- Brick Bolster
- Masson Hammer
- Pipe Wrench
- Bearing Puller
- Ring Spanner
- Pipe Fittings

TESTING & QUALITY CONTROL

This department is providing assistance to the industry by way of testing various materials i.e. chemical composition, physical properties etc. The section is also carrying out the inspection of various screw gauges and measuring instruments.

Testing & Quality Control Section has the following main equipments: -

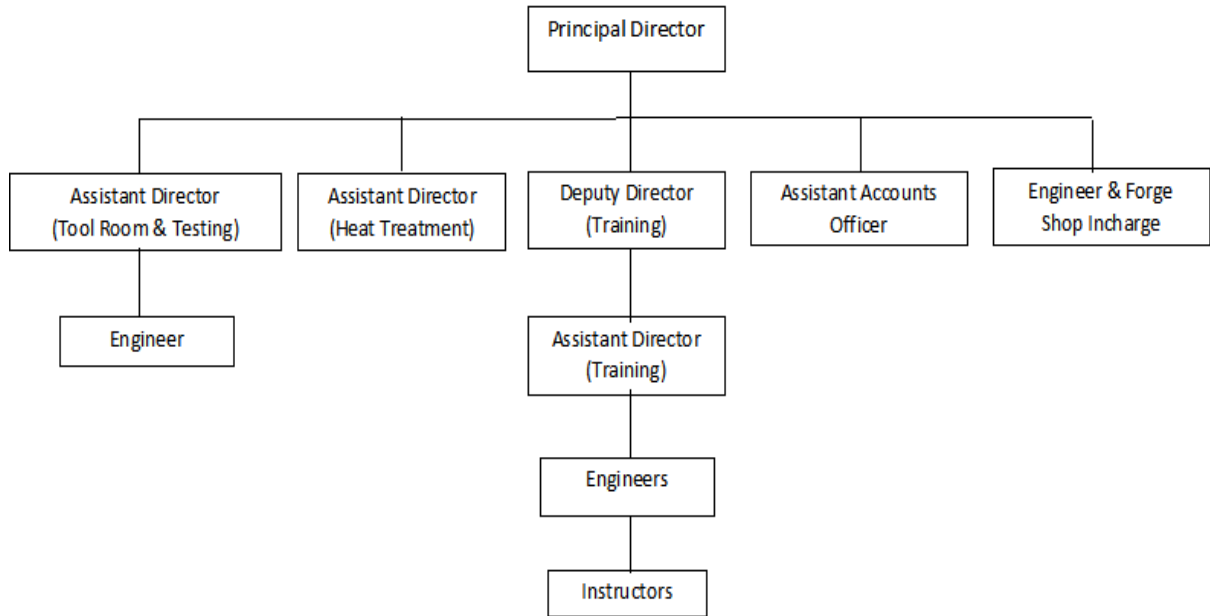
- Equipment for chemical testing for iron, steel brass and bronze etc.
- Salt spray test apparatus
- Bursting Strength Testing Machine
- Dead Weight Pressure Gauge Tester
- Metallurgical Micro-scope for Testing Micro Structure
- Ultrasonic Flaw Detector
- Proving rings for calibration of Universal Testing Machines
- Universal Testing Machine
- Torque Testing Equipment and Hand Load Testing Fixture
- Vickers / Rockwell Hardness Tester
- Tool Makers Micro-scope
- PVC Insulation Testing Equipment
- Monometer Thickness Gauge
- B.N.F. Jet Test Apparatus
- Multi Product Calibrator
- Profile Projector
- Slip Gauge Comparator
- Screw Thread Measuring Machine
- Spectrometer for Analysis of Metals

Member of Governing Council

| Sl. No. | Name and Address | Designation |
|---------|---|---------------------|
| 1 | SHRI S.N. TRIPATHI The Chairman, CIHT, Jalandhar/ Additional Secretary & Development Commissioner [MSME], Nirman Bhavan, 7 th Floor, New Delhi-110011 | Chairman |
| 2 | JOINT SECRETARY (MSME), Ministry of Micro, Small & Medium Enterprises, Udyog Bhavan, New Delhi – 110011 | Member |
| 3 | SHRI R.K. RAI, Director [TR], O/o Development Commissioner [MSME], Ministry of Micro, Small & Medium Enterprises, Nirman Bhavan, 7 th Floor, New Delhi -110011 | Member |
| 4 | UNDER SECRETARY, I.F. Wing, Deptt. of IP&P, Ministry of MSME, Room No.378, Udyog Bhavan, New Delhi – 110011 | Member |
| 5 | DIRECTOR CUM SECRETARY, [Industries & Commerce Deptt], Government of Punjab, Sector 17-C, Chandigarh | Member |
| 6 | SHRI SUKHDEV RAJ, Managing Director, M/s. Victor Tools Pvt Ltd., A-3, Focal Point, Jalandhar – 144 012 | Member |
| 7 | SHRI M.K. BHANDARI, M/s. Ambika Overseas, Basti Sheikh, Model House Road, Jalandhar – 144 002 | Member |
| 8 | SHRI SHARAD AGGARWAL, Convener Hand Tools Panel EEPC, M/s. Forging & Chemical Industries, Near Hotel Ranvir Classic, G.T. Road, Bye Pass, Jalandhar – 144 012 | Member |
| 9 | SHRI S.C. RALHAN, Regional Chairman, EEPC/ Chief Executive, M/s. Sri Tools Industries, E-184, Phase-IV, Focal Point, Ludhiana – 141 010 | Member |
| 10 | SHRI KARIM BUX POLEWALE, President, Hand Tools Industries Association, C/o Plot No.52, Industrial Area, Basni Road, Nagaur – 341 001 (Rajasthan). | Member |
| 11 | Project Coordinator, UNIDO, New-Delhi | Member |
| 12 | SHRI A.P. SHARMA, General Manager, Central Tool Room, A-5, Focal Point, Dhandari Kalan, Ludhaina – 141 010 | Member |
| 13 | THE PRINCIPAL DIRECTOR, Central Institute of Hand Tools, G.T. Road, Bye Pass, Jalandhar – 144 008 | Member Secretary |

Annexure II

ORGANISATION CHART



List of Faculty Member

| S. No. | Name | Date of Birth | Educational qualification |
|---------------|----------------------|----------------------|---|
| 1 | Sh. A. K. Bathla | 03.05.1958 | M.E. |
| 2 | Sh. P. K. verma | 10.10.1981 | M.Tech |
| 3 | Sh. Amit Kumar | 06.10.1982 | B.Tech |
| 4 | Sh. R.K. Singh | 10.12.1985 | M.Tech |
| 5 | Sh. M. R. Sallan | 04.03.1964 | Diploma im Mech./ Graduation |
| 6 | Sh. Vikramjeet Attri | 18.12.1985 | B.Tech, MBA |
| 7 | Sh.Sarabjeet singh | 16.11.1988 | B.tech, M.Tech (P) |
| 8 | Sh. R. K. Sharma | 20.09.1958 | B.sc, B.Ed |
| 9 | Sh. Mahesh K. Dixit | 23.11.1971 | Diploma In Mech / Post Diploma |
| 10 | Sh. Gaurav Kapahi | 14.07.1985 | B.Tech |
| 11 | Sh. Aman Verma | 30.09.1975 | M.Tech |
| 12 | Sh. Jaspal Singh | 03.03.1974 | Diploma in Mech. |
| 13 | Sh. Karnail Singh | 30.05.1974 | Diploma in Mech. |
| 14 | Sh. Joginder singh | 05.04.1975 | ITI / Certificate course in Tool & Die |
| 15 | Ms. Priyanka | 28.05.1986 | Master In Library Science |
| 16 | Sh. Bachitra Singh | 18.11.1966 | Pre university |
| 17 | Sh. S.S. Nanra | 08.06.1954 | B.Sc |
| 18 | Sh. Anmol | 24.09.1984 | M.Tech |

Annexure: IV**Nos of the Students admitted in the last three years**

| Name of the year | Trade | Men | Women | Total |
|-------------------------|---------------------------|------------|--------------|--------------|
| 2016-17 | Mech.Engg.(Tool & Die) | 27 | 0 | 27 |
| | Computer Science and Engg | 2 | 0 | 2 |
| 2015-16 | Mech.Engg.(Tool & Die) | 38 | 0 | 38 |
| | Computer Science and Engg | 6 | 2 | 8 |
| 2014-15 | Mech.Engg.(Tool & Die) | 29 | 0 | 29 |
| | Computer Science and Engg | 5 | 2 | 7 |

Annexure: V**Nos. of the FEE WAIVER Students**

| Sl. No | Diploma in Mech.Engg .(Tool & Die)-1st year | Diploma in Mech.Engg .(Tool & Die)-2nd year | Diploma in Mech.Engg .(Tool & Die)-3rd year | Diploma in Mech.Engg.(Tool & Die)-4th year | Comp.Sc and Engg-2nd semes | Comp.Sc and Engg-4th semes | Comp.Sc and Engg-6th semes | Total |
|---------------|---|---|---|--|--|--|--|--------------|
| 1 | Jaspinder Singh | Sehdev Singh | Bhanuchang otra | Aditya Sharma | Salim | | | 07 Students |
| 2 | | Yatin chabra | | Mukesh | | | | |

List of Machinery & Equipments

Tool Room / production Shop

| SI No | Name of the equipment | Quantity |
|-------|--|----------|
| 1 | CNC Turning Center CL2050 Make -Botliboi Max. Dia 250mm, length 350mm | 01 |
| 2 | CNC Wire Cut EDM Make - Electronica Model Ultracut 843 Table size 400 X 300 X 250mm | 01 |
| 3 | CNC Vertical Machining Center, Make - HMT Model – VMC 800M Table size 760 X 500 X 400mm | 01 |
| 4 | CNC Vertical Machining Center VMC – 510 Make - Dosan Daemo Table size 1000 X 600 X 550mm, 12000 RPM | 01 |
| 5 | Cylindrical Grinding Machine Make - HMT Model K-130 Max. size of the Job –130mm diameter X 800mm length | 01 |
| 6 | Horizontal Surface Grinding Machine, Make- HMT Model SFW-1 Table Size – 250 x 100mm Cross feed – 300mm, Height of Job – 320mm | 01 |
| 7 | Vertical Milling Machine, Make - HMT Model FN3V Table Size – 1500 X 350mm Maximum height – 425mm Table travel – 1200 X 320mm | 02 |
| 8 | Universal Milling Machine, Make - HMT Model FN3V Table Size – 1500 X 300mm Maximum height – 375mm Table travel – 950 X 320mm | 02 |
| 9 | Tool & Cutter Grinder, Make- Praga Model 411 | 01 |
| 10 | Lathe Machine, Make - HMT Model – NH-22 Maximum Diameter – 220mm Distance between Centres – 1800mm | 01 |
| 11 | Lathe Machine, Make- HMT Model – NH-26 Maximum Diameter – 260mm Distance between Centres – 3000mm | 01 |
| 12 | Shaping Machine, Make - Sagar Stroke length – 600mm | 02 |
| 13 | Radial Drilling Machine, Make - HMT Model – RM 02 | 01 |
| 14 | All Cut Bandsaw Machine Make - Allwyn | 01 |
| 15 | Hydraulic Hacksaw Machine, Make - Sagar | 01 |

| | | |
|----|---|----|
| 16 | Bench Drilling Machine, Make- Tansi | 01 |
| 17 | Double Ended Grinder | 01 |
| 18 | Personal Computer with Printer | 01 |
| 19 | Vernier Height Gauge, Make - Mitutoyo Capacity - 600mm | 01 |
| 20 | Single Lip Grinder, Make- Deckel Germany | 01 |
| 21 | Granite Surface Plate, Make - Micro flat | 01 |
| 22 | C.I. Surface Plate, Make - Jash | 01 |
| 23 | Hydraulic Lifter, capacity - 500Kg | 01 |
| 24 | Hydraulic Lifter, capacity - 1000Kg | 01 |
| 25 | Fork Lift Truck | 01 |
| 26 | CNC Trainer Lathe Machine | 01 |
| 27 | CNC Trainer Lathe Machine | 01 |
| 28 | Tool Presetting and Measuring Machine | 01 |
| 29 | LCD Projector | 02 |

Training Shop:

| | | |
|---|---|----|
| 1 | Lathe Machine (HMT) Model - NH22 Swing over bed = 500mm Distance between centres = 1800mm | 01 |
| 2 | Lathe Machine (Kirloskar) Model - Enterprise 355 Swing over bed = 350mm Distance between centres = 800mm | 02 |
| 3 | Lathe Machine (Sigma) Model - 400/1000 Swing over bed = 400mm Distance between centres = 1000mm | 03 |
| 4 | Universal Milling Machine (Praga) Model - 221T Table size = 1040 X 230mm Maximum height = 500mm Table travel = 600 X 230mm | 01 |
| 5 | Universal Milling Machine (Sigma) Model - SV - 3E Table size = 1600 X 310mm Maximum height = 400mm Table travel = 800 X 290mm | 01 |
| 6 | Vertical Milling Machine (HMT) Model - FN2V Table size = 1520 X 310mm Maximum height = 400mm Table travel = 800 X 265mm | 01 |
| 7 | Vertical Milling Machine (Sigma) | 02 |

| | | |
|----|---|----|
| | Model – SV – 3E Table size = 1600 X 310mm Maximum height = 400mm Table travel = 1000 X 300mm | |
| 8 | Turret Ram Milling Machine (HMT) Model – MITR Table size = 1070 X 230mm Table travel = 760 X 305mm x 400MM (vertical) | 02 |
| 9 | Shaping Machine (DMK & RK) Stroke Length – 600mm | 02 |
| 10 | Universal Tool & Cutter Grinder (Praga) Model - 414 Working Surface = 750 X 110mm | 01 |
| 11 | Hydraulic Surface Grinder (Praga) Model – 451 Table size = 455 X 150mm Height of the job = 280mm | 01 |
| 12 | Hydraulic Surface Grinder (Proth, Taiwan) Model – PSGS 4080 AH. Grinding Range – 900 X 400mm Height of the job = 600mm | 01 |
| 13 | Hydraulic Surface Grinder (Proth, Taiwan) Model – PSGS 3060 AH. Grinding Range – 700 X 340mm Height of the job = 490mm | 01 |
| 14 | Cylindrical Grinding Machine (Parishudh) Center height – 175mm Maximum cutting length 800mm | 01 |
| 15 | Spark Erosion Machine (Electronica) Model EMS – 15 Table size = 560 X 380mm Maximum working height = 370mm Table travel = 320 X 250mm | 01 |
| 16 | Three Dimensional Pantograph Machine (Shridhar) Model SEW. 21 Table size = 200 X 350mm Pantograph Ratio 1:10 Min, 1:15 max. | 01 |
| 17 | Copy Milling machine (Deckel, Germany) | |

| | | |
|----|--|----|
| | Model – KF 23 Table Size 450 X 450mm Maximum thickness of job = 350mm Tool Movement 300 X 200mm | 01 |
| 18 | Hydraulic Power Hacksaw Machine, Make Sagar | 01 |
| 19 | Drilling Machines | 05 |
| 20 | Flexible Shaft Grinder | 02 |
| 21 | Bench Grinder (double ended) | 02 |
| 22 | Granite Surface plate (Mitutoyo, Japan) | 01 |
| 23 | Cast Iron Surface Plate Size 600 X 600mm | 02 |
| 24 | Cast Iron Surface Plate Size 300 X 300mm | 04 |
| 25 | Vernier Height Gauge (Mitutoyo) Capacity 600mm | 01 |
| 26 | Mechanical Lifter Capacity 500Kg | 01 |
| 27 | Bench Vices | 40 |

| | | |
|----|--|----|
| 28 | Compression Moulding Machine (Hand operated) (Rait) | 01 |
| 29 | Injection Moulding Machine (Hand operated) (Orient) | 01 |
| 30 | Fly Press (Lovely) | 01 |
| 31 | CNC EDM Machine | 01 |
| 32 | CNC DRILL TAP CENTRE | 01 |

SOFTWARES:

| | | | |
|--|------|---------------------------------|----|
| | | | |
| | i | Auto CAD | 35 |
| | ii | Idea's - 12 | 01 |
| | iii | Solids Works | 15 |
| | iv | Creo | 50 |
| | v | Catia- | 10 |
| | vi | NX- | 04 |
| | vii | Work NC- | 15 |
| | viii | Simulation software for forging | 01 |
| | ix | MSC NASTRAN | 01 |
| | X | Solid Edge | 10 |
| | XI | MASTER CAM- X6 | 10 |
| | XII | CNC Simulator | 20 |
| | XIII | SCADA | 01 |

Testing Laboratory

| | | |
|----|--|---------|
| 1 | Multi Product Calibrator for calibration of electrical equipments (Fluke, USA) | 01 |
| 2 | Ultrasonic Flaw Detector (Teitsu, Japan) | 01 |
| 3 | Strohlein's Apparatus for carbon and Sulphur testing | 01 |
| 4 | Electro Chemical Analyzer | 01 |
| 5 | Equipment for Chemical testing of ferrous and non ferrous metals | 01 |
| 6 | Monimeter & Deltameter for measuring coating layer thickness | 01 each |
| 7 | Metallurgical Microscope | 01 |
| 8 | Torque Testing Equipment | 01 |
| 9 | Dead Weight Pressure Gauge Tester | 01 |
| 10 | Tensile Testing Machine (Cap. 60 Ton) | 01 |
| 11 | Proving rings to calibrate Tensile Testing Machines (up to 60 ton capacity) | 01 set |
| 12 | High Voltage Insulation Tester | 01 |
| 13 | Bursting Strength Tester | 01 |
| 14 | Poldi Hardness Tester | 01 |
| 15 | Bench Top Vacuum Emission Spectrometer | 01 |
| 16 | 3D-CMM, Co-ordination Machine | 01 |

Heat Treatment Shop

| | | |
|----|---|--------|
| 1 | Induction Heater (Unitherm) 60KW | 01 |
| 2 | Induction Heater (Cheltherm, England) 20Kw | 01 |
| 3 | Neutral Salt Bath Furnace with over head crane Pot size 450mm diameter X 650mm depth | 01 |
| 4 | Tempering Furnaces Size 450mm diameter X 650mm depth | 02 |
| 5 | Tempering Furnaces Size 600mm diameter X 1000mm depth | 01 |
| 6 | Rockwell Hardness tester (Blue star) | 01 |
| 7 | High Speed Steel Electrode Salt bath furnace Pot size 460mm diameter X 750mm depth | 01 set |
| 8 | Gas Carburizing Furnace with tempering furnace and overhead crane | 01 set |
| 9 | Straightening Press, capacity 500Kg | 01 |
| 10 | Double ended Bench Grinder | 01 |
| 11 | Flexible Shaft Grinder | 01 |
| 12 | Radiation Pyrometer | 01 |
| 13 | Optical Pyrometer | 01 |
| 14 | Digital hand operated temperature indicator | 01 |
| 15 | Hydraulic Lifter, Capacity 500Kg | 01 |
| 16 | Induction Heater 120 K.W | 01 |
| 17 | Induction Heater 50 .K.W | 01 |
| 18 | Metallurgical Microscope | 01 |
| 19 | Magnetic Crack Detector | 01 |
| 20 | Combined Portable Hardness Tester | 01 |

Forge Shop

| | | |
|----|---|----|
| 1 | Drop Forging hammer 2 Ton MT (Basant) | 01 |
| 2 | Drop Forging Hammer 1 Ton MT (Beche, Germany) | 01 |
| 3 | Oil Fired Forging Furnaces | 02 |
| 4 | Induction Heater | 02 |
| 5 | Blanking Press 200 Ton MT (Ameteeep) | 01 |
| 6 | Billet Shearing Machine Cap. 100mm (Basant) | 01 |
| 7 | Trimming Press (Zani, Italy) Cap. 120 Ton | 01 |
| 8 | Trimming Press 100 Ton (Basant) | 01 |
| 9 | Trimming Press 50 Ton (Basant) | 01 |
| 10 | Double Ended grinder | 01 |
| 11 | Flexible Shaft Grinder | 01 |
| 12 | Forging Press 600 Tons | 01 |

Maintenance

| | | |
|---|---------------------------------------|-----|
| 1 | Electric Arc Welding Set Make - Berco | 01 |
| 2 | Gas welding/cutting set | |
| 3 | Acetylene Cylinder | 02 |
| 4 | Oxygen Cylinder | 05 |
| 5 | Portable drilling machine | 01` |

| | | |
|---|--------------------------------|----|
| 6 | Personal Computer with printer | 01 |
| 7 | Welding Machine -TIG | 01 |
| 8 | Welding Machine -MIG | 01 |
| 9 | Portable Welding Machine | 01 |

Central Instrumentation Facility:

The standard room of the Institute is having the following main equipments

| SI No | Name of the items | Quantity |
|-------|--------------------------------------|----------|
| 1. | Outside Micrometer (103-913) | 06 |
| 2. | Outside Micrometer (103-914) | 12 |
| 3. | Depth Micrometer (129-116) | 01 |
| 4. | Digimatic Micrometer (293-201) | 01 |
| 5. | Digimatic Micrometer (293-202) | 01 |
| 6. | Digimatic Micrometer (293-203) | 01 |
| 7. | Digimatic Micrometer (293-204) | 01 |
| 8. | Anvil Micrometer (114-401 101) | 01 |
| 9. | Anvil Micrometer (114-109 102) | 01 |
| 10. | Disc. Micrometer (114-103) | 01 |
| 11. | Disc. Micrometer (123-101) | 01 |
| 12. | Disc. Micrometer (123-102) | 01 |
| 13. | Screw Thread Micrometer (126-125) | 01 |
| 14. | Screw Thread Micrometer (126-126) | 01 |
| 15. | Digimatic Depth Micrometer (329-116) | 01 |
| 16. | Groove Micrometer (146-103) | 01 |
| 17. | Groove Micrometer (146-105) | 01 |
| 18. | Groove Micrometer (146-107) | 01 |
| 19. | Groove Micrometer (146-109) | 01 |
| 20. | Sheet Metal Micrometer (119-103) | 01 |
| 21. | Inside Micrometer (141-100) | 01 |
| 22. | Inside Micrometer (141-101) | 01 |
| 23. | Dial Caliper (505-645-50) = 12" | 01 |
| 24. | Dial Caliper (505-647-50) = 200mm | 01 |
| 25. | Dial Caliper (505-648-50) = 300mm | 01 |
| 26. | Dial Caliper (505-644-50) = 8" | 01 |
| 27. | Vernier Caliper 12" (560-119) | 01 |
| 28. | Spring divider 4" (950-211) | 01 |
| 29. | Spring divider 6" (950-212) | 01 |
| 30. | Spring divider 8" (950-213) | 01 |
| 31. | Spring divider 4" (950-231) | 01 |
| 32. | Spring divider 6" (950-232) | 01 |
| 33. | Spring divider 8" (950-233) | 01 |
| 34. | Outside Caliper 4" (950-221) | 01 |
| 35. | Outside Caliper 6" (950-222) | 01 |
| 36. | Dial Test Indicator (2046) | 02 |
| 37. | Dial Gauge Stand (7001) | 01 |
| 38. | Precision Dial Square (7011) | 01 |
| 39. | Hole Test Micrometer (368-902) | 02 |
| 40. | Hole Test Micrometer (368-903) | 06 |
| 41. | Hole Test Micrometer (368-904) | 05 |
| 42. | Hole Test Micrometer (368-905) | 04 |
| 43. | Vernier Depth Gauge (527-111) | 01 |

| | | |
|-----|--|--------|
| 44. | Vernier Depth Gauge (527-113) - 12" | 01 |
| 45. | Vernier Depth Gauge (527-401) - 6" | 01 |
| 46. | Vernier Depth Gauge (527-103) - 300mm | 01 |
| 47. | Dial Depth Gauge (7212) | 01 |
| 48. | Micrometer Stand (156-101) | 01 |
| 49. | Marking Surface Gauge (550912) | 01 |
| 50. | V Block and Clamp (172-370) | 01 |
| 51. | Swivel Counter Support (177-194) | 01 |
| 52. | V Block and Clamp (181-902) | 01 |
| 53. | Steel Rule 6" (182-105) | 01 |
| 54. | Steel Rule 12" (182-125) | 01 |
| 55. | Steel Rule 24" (182-165) | 01 |
| 56. | Universal Bevel Protector (187-901) | 01 |
| 57. | Granite Plate (517-109) | 01 |
| 58. | Granite Plate Stand (517-207) | 01 |
| 59. | Digimatic Height Gauge (192-603) | 01 |
| 60. | Thickness Gauge (134-301) | 01 |
| 61. | Gauge Block (516-943-01) | 01 |
| 62. | Wire Gauge | 01 |
| 63. | Thread gauge (screw pitch gauge) (188-102) | 01 |
| 64. | Tool Maker's Microscope (179-901) | 01 |
| 65. | Screw Thread Measuring Machine (163-101) | 01 |
| 66. | Calibration Tester (170-102) | 01 |
| 67. | Optical Parallel (157-903) | 01 set |
| 68. | Tip Thread set (126-800) | 01 |
| 69. | Standard Bar (167-105) | 01 |
| 70. | Standard Bar (167-110) | 01 |
| 71. | Digimatic Caliper (500-110) | 01 |
| 72. | Nikon Profile Projector with accessories | 01 |
| 73. | Outside caliper (950-223) | 01 |
| 74. | Three Wire Gauge Set (313-101) | 01 |
| 75. | Hardness Tester with accessories | 01 |
| 76. | Vernier Caliper 24" Mitutoyo | 01 |
| 77. | Vicker cum Brinell Hardness Tester | 01 |
| 78. | Height Master | 01 |
| 79. | Slip Gauge Calibrator with accessories | 01 |
| 80. | Height Master Tessa with accessories | 01 |
| 81. | Gauge Block | 01 |
| 82. | Extension Board | 01 |
| 83. | Calculator | 01 |
| 84. | Computer | 01 |
| 85. | Temp. & Humidity Data Logger | 01 |

Electrical & Electronics Lab:-

| | | |
|---|--|----|
| 1 | Cathode ray oscilloscope | 01 |
| 2 | Electrical Machine Trainer | 01 |
| 3 | Industrial Machine Trainer | 01 |
| 4 | Distribution Control System Trainer | 01 |
| 5 | Electrical & Electronics Machine Trainer | 01 |
| 6 | Power Electronics Trainer | 01 |
| 7 | Applied Electronics Trainer | 01 |

Pneumatics & Hydraulics Lab:

| | | |
|---|------------------------|----|
| 1 | Pneumatics Trainer Kit | 01 |
| 2 | Hydraulics Trainer Kit | 01 |

List of Miscellaneous equipments:

| | | |
|----|--|----|
| 1 | All Geared Lathe Machine | 01 |
| 2 | Vertical Milling Machine | 01 |
| 3 | Universal Milling Machine | 01 |
| 4 | Mechanical Power Press(150 Ton Capacity) | 01 |
| 5 | Satellite Communication Trainer System | 01 |
| 6 | Fundamental Servo Motor Drive Tech. | 01 |
| 7 | Work Station -Pneumatic | 01 |
| 8 | Work Station- Hydraulics | 01 |
| 9 | Hydraulic Trainer Kit | 01 |
| 10 | Easy port for integration of Software | 01 |
| 11 | Advance Pneumatics Supplementary Trainer Kit | 01 |
| 12 | Computerized Torque Testing Machine | 01 |
| 13 | ISDN Trainer kit | 01 |
| | | |