# MANDATORY DISCLOSURE
## JIS SCHOOL OF POLYTECHNIC
## DIPLOMA COURSES

### 1. NAME OF THE INSTITUTION

JIS SCHOOL OF POLYTECHNIC
BLOCK – A, PHASE – III,
KALYANI, WEST BENGAL
PIN – 741235.

TEL NO. +9133 2502 5690, FAX – +9133 25025690
E-MAIL : info.jissp@jisgroup.org WEBSITE : www.jisgroup.org

### 2. NAME & ADDRESS OF THE TRUST / SOCIETY /COMPANY

**JIS FOUNDATION**
7, SARAT BOSE ROAD,
DWARKA, 1ST FLOOR,
ELGIN ROAD, KOLKATA – 700 020

Phone: +91 33 2289 3944/2289 5323, Telefax: +91 33 2289 3945
Website: www.jisgroup.org

### 3. NAME & ADDRESS OF THE PRINCIPAL

JAYANTA MUKHOPADHYAY
JIS SCHOOL OF POLYTECHNIC
BLOCK – A, PHASE – III,
KALYANI, WEST BENGAL
PIN – 741235.

TEL NO. +9133 2502 5690, FAX – +9133 25025690
E-MAIL: principal_jissp@jisgroup.org

### 4. NAME OF THE AFFILIATING UNIVERSITY

West Bengal State Council of Technical & Vocational Education and Skill Development (TED)

### 5. GOVERNANCE

- **Members of the Board and their brief background**

| | | |
|---|---|---|
| 1 | Prof. Dr. Asit Guha | Chairman as nominated by Trustees |
| 2 | Mr. Taranjit Singh | Trustee as Member |
| 3 | Mr. Haranjit Singh | Trustee as Member |

| | | |
|---|---|---|
| 4 | Mr. Amrik Singh | Trustee as Member |
| 5 | Mr. Simarpreet Singh | Trustee as Member |
| 6 | Mr. Harjot Singh | Member-JIS Foundation |
| 7 | Mr. Amanjot Singh | Member-JIS Foundation |
| 8 | Mr. S S Dattagupta | Member |
| 9 | Mr. Uday Sakar Mukherjee | Nominated by Trustee as Member |
| 10 | Mrs. Sila Singh Ghosh | Nominated by Trustee as Member |
| 11 | Mr. Ashish Sai | Teacher Representative |
| 12 | Mr. Nalani Ranjan Das | Teacher Representative |
| 13 | Mr. Sandip Kundu | Nomination – SCTE&VE |
| 14 | Mr. Uday Kumar Saha | Nomination – DTET |
| 15 | Mr. Abhijit Guha | Nomination – Industry as Member |
| 16 | Mr. Monotosh Choudhury | Nomination – Industry as Member |
| 17 | Jayanta Mukhopadhayay | Member Secretary |

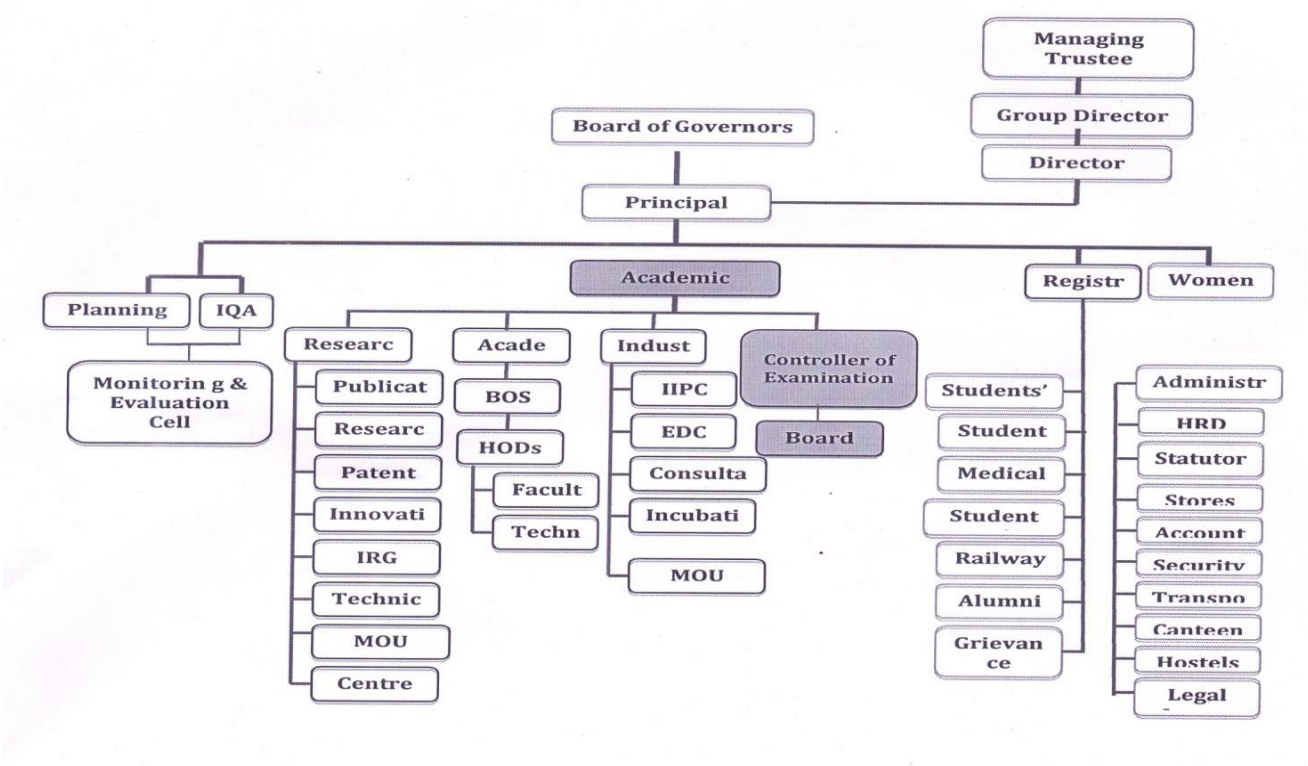
❖ **Members of Academic Advisory Body**

| Sl. | Name | Background |
|---|---|---|
| 1 | Mr. Bikas Sarkar | AE, Indira Gandhi Water Treatment Plant |
| 2 | Dr. Pankaj Kr. Roy | Prof. Director School of Water Resource engineering (JU) |
| 3 | Dr. Shib Kumar Saha | Prof. Kalyani Engg College |
| 4 | Mr. Somenath Roy | Sr. Engg, WBSEDCL |
| 5 | Mr. Ranajay Chatterjee | Sr. Manager, Intera Information Technologies Pvt Ltd. |
| 6 | Mr. Anup Mallick | Asst. Prof. Kalyan Govt. Engg College |
| 7 | Mr. Saikat Adikary | Sr. Engg SAE (MECH) |
| 8 | Aloke Sarkar | DGM, DGM WBPDCL |
| 9 | Lilack Biswas | Asst. Teacher DinabandhuMaha Vidyalaya |

❖ **Frequency of the Board Meetings and Academic Advisory Body**

Boards of Governors (BOG) meetings will held about 3 – 4 times in a year while Advisory Committee meetings are planned to be held at least once in a year.

❖ **Organizational Chart and Process**




❖ **Nature and Extent of involvement of faculty and students in academic affairs/ improvements**

- **Faculty Advisor Programme**: All the students are under the advice and guidance of a particular faculty member of the institute. 10 to 12 students per faculty member are allotted under the guidance of a particular faculty member. Academic and personal problems of the students are addressed and necessary follow up actions for solving them are taken up by the concerned faculty member.

- **Seminars:** National seminars on important trust areas are conducted by various departments frequently.

- **Student Development Programmes:** are conducted to assist them for better performance in the selection committee for getting jobs after completion of their academic programme in the college.

- Apart from the above few committees are existing like Sports & Cultural Committee, Library Committee, and Placement Committee etc. to improve the academic affairs.

- **Mechanism/Norms & Procedure for democratic/good Governance**

  - All HOD'S are the overall in charges of the students and their staff members are concerned.

  - The academic and administrative discussions of the departments are taken in a faculty meeting of the departments concerned.

  - The College authority takes decisions or steps as regards to the appointments of the staff members, academic schedule and other matters on the basis of the feed back received from the HOD'S as far as possible / practicable.

  - Various student committees are formed and functioning at the moment. All the student activities are routed through various committees for finally accepting by the management for their executions.

  - Along with members of Board of Governors, one representative each from Teaching, Non-teaching and Guardian are being incorporated in the governing body.

- **Student Feedback on Institutional Governance/faculty performance**

  - Mechanism exists for obtaining feedback on Institutional Governance / faculty performance.

  - Periodic Students feedback on faculty performance is obtained in the prescribed format. Faculty appraisal is done once in a year.

- **Grievance redressal mechanism for faculty, staff and students**

  - We are having the Grievance Redressal Cell consisting of five members – One retired district judge, one member from State Women Association, One member from the board of governors and two faculty members.

  - There are three boxes in the Institute for obtaining the grievances application from Students, Faculty and Staff.

  - Meeting of the Grievance Redressal Cell held once in a month and recommendation send to the Board of Governors subsequently.

- Establishment of Antiaging Committee

| Name of Anti ragging Committee | Profession | Contact No |
|---|---|---|
| Jayanta Mukhopadhyay | Principal | 9331801304 |
| Nalini Ranjan Das | HOD (CE) | 8768291355 |
| Satyaki Kumar Biswas | HOD (ETCE & CST) | 7980522364 |
| Manajit Mandal | HOD (ME) | 7501825645 |
| Somsubhra Mondal | Lecturer (ETCE) | 7003378896 |
| Santu Dey | Lecturer (CE) | 8481054074 |

| | | |
|---|---|---|
| Sumana Benerjee | Lecturer (ETCE) | 9331509748 |
| Anket Sarkar | Student (ME) | 8345872354 |
| Mousam Dey | Student (EE) | 8582869586 |
| Prasant Kumar Singh | Student (EE) | 8013401213 |

- Establishment of Grievance redressal Mechanism

  Yes we have Grievance Redressal Mechanism in our college.

- Establishment of online Grievance redressal Committee in the institution & appointment of OMBUDSMAN by the university.

Establishment of Grievance Redressal Committee**:-**

| DC: Disciplinary Committee | Grievance Handling Committee |
|---|---|
| Members: | Members: |
| Atanu Das | All the members of DC |
| Arnabi Banerjee | |
| Arijit Mukherjee | |
| P.B.Roy( Chairman) | |
| T.S.Das (Presiding Officer ) | |
| Convener: | Convener: |
| Satyaki Kr. Biswas | T.S.Das |
| Jt. Convener | Jt. Convener |
| Sonalina Mukherjee | Sonalina Mukherjee |
| | |
| **Tenure:** | **Tenure:** |
| Meeting Schedule | Meeting Schedule |
| As and when required | Every month, whenever needed |

**Miss Sharmila Das** (High Court, Advocate), she handle our this kind of things.

- Establishment of Internal Complaint Committee (ICC)

| Name of Anti ragging Committee | Profession |
|---|---|
| Jayanta Mukhopadhyay | Principal |
| Nalini Ranjan Das | HOD (CE) |
| Satyaki Kumar Biswas | HOD (ETCE & CST) |
| Manajit Mandal | HOD (ME) |
| Gargee sarkar | Lecturer (ETCE) |
| Arnabi Banerjee | Lecturer (CE) |
| Sumana Benerjee | Lecturer (ETCE) |

- Establishment of Committee for SC / ST

| Name of Anti ragging Committee | Profession |
|---|---|
| Tarak Sankar Das | Manager (E&U) |
| Nalini Ranjan Das | HOD (CE) |
| Satyaki Kumar Biswas | HOD (ETCE & CST) |
| Abhishek Poddar | Lecturer (ME) |
| Som shubhra Mondal | Lecturer (ETCE) |
| Tanmoy Das | Lecturer (CE) |
| Arindam Mali | Student(ETCE) |
| Aniket Das | Student(ME) |

- Internal Quality Assurance Cell

| Name of Anti ragging Committee | Profession |
|---|---|
| Jayanta Mukhopadhyay | Principal |
| Jyotirmoy Pandit | HOD (BSCH) |
| Manajit Mandal | HOD (ME) |
| Biswajit Bera | Lecturer (CE) |
| Prodosh Basu Roy | Lecturer (ETCE) |

## 6. PROGRAMMES

- Name of the Programmes approved by the AICTE-

**Diploma in Engineering ( Trades are Civil,Mechanical,Electrical,Electronics & computer science)**

- Name of the program Accredited by AICTE- N/A
- Status of Accreditation of Courses- N/A

- 

| **3 years ( 6 Semesters ) Diploma Course :** | | | |
|---|---|---|---|
| Sl | Name | No. of seats | Duration |
| 01 | CIVIL | 120 | 3 yrs. |
| 02 | MECANICAL | 60 | 3 yrs. |
| 03 | ELETRICAL | 60 | 3 yrs. |
| 04 | ETE | 30 | 3 yrs. |
| 05 | CST | 30 | 3 yrs. |

- **Duration- 3 years( 6 sem)**

- **Cut off marks/rank of admission during last 3 years**

**For 3 years Diploma course**

- 10th Standard student qualified with minimum 35% marks in aggregate along with valid score of JEXPO in current year.
- Without JEXPO student can apply for Direct admission.

**For 2 years Voclet course**

- 10+2 standard student (From Vocational or ITI background) qualified with with valid marks along with valid score of VOCLET in current year.
- Without VOCLET can apply with 60% marks in 12th Standard (From Vocational or ITI background).

- **Fee**

# Fees details(For 3 Year diploma)

For Counseling alloted student

| | |
|---|---|
| At the time of admission(Includes 1st sem fee, Caution deposit, admission charge) | 29000 |
| Rest 5 sem as 14000 for each sem(14000x5) | 70000 |
| Total | 99000 |

**For Direct**

| | |
|---|---|
| At the time of admission(Includes 1st sem fee, Caution deposit, admission charge) | 35000 |
| Rest 5 sem as 20000 for each sem(20000x5) | 100000 |
| Total | 135000 |

**For Voclet students**

| | |
|---|---|
| At the time of admission(Includes 1st sem fee, Caution deposit, admission charge) | 29000 |
| Rest 3 sem as 14000 for each sem(14000x3) | 42000 |
| Total | 71000 |

- Placement Facilities

Campus placement or campus interview is the program conducted within educational institutes or in a common place to provide jobs to students pursuing. In this program, industries visit the colleges to select students depending on their ability to work, capability, focus and aim. The

major objective of campus placement is to identify the talented and qualified professionals before they complete their education. It provides employment opportunities to the students who are perusing or in the final stage of completing the course. JIS School of polytechnic invites well known multinational companies and arranges 100% Campus placement or campus interview for the students. We provide 100 % placement opportunities for Students.

## ❖ Campus placement in last 3 years with salary details

- Last 3 year placement record
- http://www.jissp.ac.in/placement.php
- Highest Package 3.3 lakh ( Per annum)
- Avg package- 1.3-1.8 lakh ( Per annum)

❖ Name & Duration of programme having Twinning & Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration , give the following details- N/A

❖ Whether the collaboration Programme is approved by AICTE? If no whether the Domestic/Foreign university has applied to AICTE for approval- N/A

### 7. FACULTY

| Sl No. | Branch (Code) | Name of the Regular Teachers | Experience |
|---|---|---|---|
| 1 | BSCH | MIZANUR MONDAL | 4 Year |
| 2 | ETCE | SOMSUBHRA MONDAL | 3 Year |
| 3 | ETCE | SUBHAM CHOWDHURY | 5 Year |
| 4 | EE | SAGNIK KUMAR | 3 Year |
| 5 | BSCH | SREEKUMAR BHATTACHARYYA | 4 year |
| 6 | CST | BIPRADAS PANDIT | 3 year |
| 7 | CE | SANTU DEY | 3 year |
| 8 | CE | MADHUBANTI SUR | 2 Year |
| 9 | EE | RAGHUBIR SAH | 3 year |
| 10 | CST | SHYAMALENDU PAUL | 2 Year |
| 11 | CE | ARNABI BANERJEE | 3 Year |
| 12 | CE | BISWAJIT BERA | 2 Year |
| 13 | CST | DEBI BANERJEE | 2 Year |
| 14 | ME | MANAJIT MANDAL | 2 Year |
| 15 | EE | SIBAM GOLDER | 2 Year |
| 16 | CE | TANMAY DAS | 2 Year |
| 17 | CST | AMITAVA PODDER | 2 Year |
| 18 | CE | SUBHODEEP PAUL | 2 Year |
| 19 | BSCH | PAYELI CHOWDHURY | 5 Year |

| | | | |
|---|---|---|---|
| 20 | BSCH | SANCHITA NANDI | 2 Year |
| 21 | ME | DIPSANKAR CHATTERJEE | 3 Year |
| 22 | CE | ARGHA SAHA | 2 Year |
| 23 | CST | CHIRANJEET SARKAR | 2 Year |
| 24 | CE | SUSNATA CHANDA | 2 Year |
| 25 | EE | MOUMITA SARKAR | 2 Year |
| 26 | SE | MUNNA YADAV | 2 Year |
| 27 | ME | ARIJIT KAR | 2 Year |
| 28 | BSCH | AMAL GHORAI | 3 Year |
| 29 | ETCE | GARGEE SARKAR | 1 Year |
| 30 | ME | DEBOJYOTI SARKAR | 2 Year |
| 31 | ME | ANINDITA GUHA | 1 Year |
| 32 | ME | ABHISHEK PODDAR | 1 Year |
| 33 | ME | MITHUN GAIN | 1 Year |
| 34 | BSCH | KAUSIK DAS | 0.3 Year |
| 35 | BSCH | SAMIR PATRA | 0.3 Year |
| 36 | EE | ARIJIT MUKHERJEE | 1 Year |
| 37 | EE | ARITRA BOSE | 1 Year |
| 38 | BSCH | JYOTIRMOY PANDIT | 10 Year |
| 39 | BSCH | SMRITIKANA BISWAS | 10 Year |
| 40 | CST | ANANYA BANERJEE | 2 Year |
| 41 | ETCE | SATYAKI BISWAS | 10 Year |
| 42 | ETCE | SUMANA BANERJEE | 9 Year |
| 43 | CE | NALINI DAS | 7 Year |
| 44 | EE | JAYANTA MUKHOPADHYAY | 6 Year |
| 45 | CST | DEBASISH CHAKRABORTY | 6 Year |

- Permanent Faculty: Student Ratio **: 1 : 20**

## 8. PROFILE OF PRINCIPAL

Name : Jayanta Mukhopadhyay
Date of Birth: 06/07/1965
Unique ID: JPT/0098
Education Qualification: M. Tech
Work Experience

- Teaching – 7th Years
- Industry – 15th Years

Area of specialization: Electrical Engineering
Courses taught at Diploma level

## 9. FEE

❖ Details of fee, as approved by State fee Committee, for the Institution.
Diploma Rs. 9000/- Per Sem (to be paid semester wise)

❖ Time schedule for payment of fee for the entire programed.
1st to 15th in June and December of every year.

- Number of scholarship offered by the institute, duration and amount – N/A

- Criteria for fee waivers/scholarship.

  Academic Performance, Good Conduct and financial condition of their family. (As per rule of state council TFW Rank wise)

- Estimated cost of Boarding and Lodging in Hostels.

  Rs. 5550/- per month including all.

## 10. ADMISSION

- Number of seats sanctioned with the year of approval.

**DIPLOMA**

| **1st Year of approval by AICTE (give approval ref. no. & date** | | | Sanctioned intake | Actual admissions |
|---|---|---|---|---|
| Courses | CE | F.No.Eastern/1-440478651/2011/ EOA dated: 01.09.2011 | 120 | 120 |
| | ME | F.No.ERO/AICTE/WB/ET/005/2009-10/1496-1500 dated: 30.06.2009 | 60 | 60 |
| | EE | F.No.ERO/AICTE/WB/ET/005/2009-10/1496-1500 dated: 30.06.2009 | 60 | 60 |
| | CST | F.No.ERO/AICTE/WB/ET/005/2009-10/1496-1500 dated: 30.06.2009 | 30 | 30 |
| | ETE | F.No.ERO/AICTE/WB/ET/005/2009-10/1496-1500 dated: 30.06.2009 | 30 | 30 |

- **In year 2009 Diploma in civil engineering course was introduced with 60 no of intake with approval reference no of F.No.ERO/AICTE/WB/ET/005/2009-10/1496-1500 dated: 30.06.2009**

- Number of students admitted under various categories each year in the last three years.

| DEPT. | SEAT SANCTION | ADMISSION 2018 | ADMISSION 2017 | ADMISSION 2016 |
|---|---|---|---|---|
| CE | 120 | 113 | 73 | 124 |
| ME | 60 | 62 | 62 | 60 |
| EE | 60 | 61 | 58 | 61 |
| ETCE | 30 | 30 | 26 | 29 |
| CST | 30 | 32 | 28 | 29 |

- Number of Applications received during last two years for admission under management quota an number admitted-
  For apply in JIS school of polytechnic visit-

  http://59.162.182.138:132/forms/frmLoginNew.aspx

## 11. ADMISSION PROCEDURE

- **Mention the admission test being followed, name & address of Test agency & its website**
  Candidate needs to have cleared class 10th with 35% qualify in JEXPO Exam. Candidate selected through counseling organized by State council of Technical Education, Govt. of West Bengal(WBSCT & VE & SD).
  Mention the admission test being followed, name and address of the Test Agency and its URL (website). https://webscte.co.in/
- **No of seats allotted to different Test qualified candidate**
  The ratio of the intake will be 50% from Counseling Admitted and 50% from Management quota
- **Calendar for admission against vacant seats**
  After counseling if any seats vacant then the the admission procedure began.For all required information student need to visit – www.jissp.ac.in & https://webscte.co.in/
  - **Last date of request for applications**
    As guided by West Bengal State council of Technical Education
  - **Last date of submission of applications**
    As guided by West Bengal State council of Technical Education
  - **Dates for announcing final results**
    As guided by West Bengal State council of Technical Education
  - **Release of admission list (main list and waiting list shall be announced on the same day)**
    As guided by West Bengal State council of Technical Education
  - **Date for acceptance by the candidate (time given shall in no case be less than 15 days)**
    As guided by West Bengal State council of Technical Education
  - **Last date for closing of admission**
    As guided by West Bengal State council of Technical Education
  - **Starting of the Academic session**
    As guided by West Bengal State council of Technical Education

- **The waiting list shall be activated only on the expiry of date of main list**
  As guided by West Bengal State council of Technical Education and Govt. of West Bengal.

- **The policy of refund of the fee, in case of withdrawal, should be clearly notified.**
  As guided by the Govt. of West Bengal Dept. of Technical Education.

**12. CRITERIA AND WEIGHTAGES FOR ADMISSION:**

- **Describe each criterian with its respective weightages i.e. Admission Test, marks in qualifying examination etc.**
  Qualified through JEXPO and allotted by State council with min 35% in class 10. For more details visit https://webscte.co.in/

- **Mention the minimum level of acceptance, if any**

As per norm of State council of west Bengal, for more details visit - https://webscte.co.in/

- **Mention the cut-off levels of percentage and percentile score of the candidates in the admission Test for the last three years**

As per norm of State council of west Bengal, for more details visit - https://webscte.co.in/

- **Display marks scored in Test etc. and in aggregate for all candidates who were admitted**

Visit-https://webscte.co.in/

**13. LIST OF APPLICANTS:**

List of candidate whose applications have been received along with percentile /percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for management quota seats. - **N/A**

**14. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS:**

- Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)- N/A
- Score of the individual candidates admitted arranged in order of merit.- N/A
- List of candidates who have been offered admission. – N/A
- Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates. N/A
- List of the candidates who joined within the date, vacancy position in each category before operation of waiting list. N/A

## 15. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

**• Number of Class Rooms and size of each**

| Branch Code | No. of Rooms | Total Seating Capacity | Size |
|---|---|---|---|
| CE | 6 | 60 | 11m × 5.5mm |
| ME | 3 | 60 | 11m × 5.5mm |
| EE | 3 | 75 | 11m × 5.5mm |
| SE | 1 | 75 | 11m × 5.5mm |
| ETCE | 3 | 40 | 5.5m × 5.5m |
| CST | 3 | 40 | 5.5m × 5.5m |

**• Number of Laboratories and size of each**

| Branch Code | Numbers of Laboratories Available | Available Number of Experimental Set-up |
|---|---|---|
| CE | 16 | 79 |
| ME | 17 | 95 |
| EE | 12 | 108 |
| SE | 8 | 48 |
| ETCE | 12 | 87 |
| CST | 03 | 180 |

**• Number of Drawing Halls with capacity of each**

| Infrastructure | No. of Rooms | Total Seating Capacity |
|---|---|---|
| Drawing Halls | 2 | 60 |

**• Number of Computer Centers with capacity of each**

| Infrastructure | No. of Rooms | Total Seating Capacity |
|---|---|---|
| Computer Centers | 4 | 30 |

**• Central Examination Facility, Number of rooms and capacity of each**

| Infrastructure | No. of Rooms | Total Seating Capacity |
|---|---|---|
| Central Examination Facility | 12 | 30 |

• **Hostel Facilities-** we have hostel facilities with fooding & lodging. Separate hostel for boys & girls. Hostel charge 5500 per month (including all). We have our own hostel building just opposite of our college campus. The facility available in the hostels are – fooding, lodging, electricity, indoor game, warden to look after the hostel operations, medical facility etc.

**LIBRARY:**

• **Number of Library books/ Titles/ Journals available (program-wise)**

| Number of Titles of the Books | Number of Volumes | Number of Journals |
|---|---|---|
| **1528** | **15588** | **02** |

• **List of online National/ International Journals subscribed – N.A**

• **E- Library facilities – N/A**

**LABORATORY:**

• **List of Major Equipment/Facilities in each Laboratory/ Workshop**

| *Sl No* | *Dept.* | *Name of the laboratory* | *Experiments performed* |
|---|---|---|---|
| *1* | CE | *Civil Engineering Drawing* | *Planning of Building.* |
| *2* | CE | *Civil Engineering Drawing* | *Culverts.* |
| *3* | CE | *Civil Engineering Drawing* | *Steel connections.* |
| *4* | CE | *Civil Engineering Lab I* | *Determination of initial & final setting times of OPC.* |
| *5* | CE | *Civil Engineering Lab I* | *Determination of moisture content of a given sample of sand.* |
| *6* | CE | *Civil Engineering Lab I* | *Determination of aggregate abrasion value.* |
| *7* | CE | *Civil Engineering Lab I* | *Determination of workability of concrete.* |
| *8* | CE | *Field Survey Practice-I* | *Chain & compass traverse survey.* |
| *9* | CE | *Field Survey Practice-I* | *Profile levelling survey.* |
| *10* | CE | *Field Survey Practice-I* | *Plane table surveying.* |
| *11* | CE | *Application of CAD in Civil Engineering I* | *Basic command to get started.* |
| *12* | CE | *Application of CAD in Civil Engineering I* | *Developing drawing strategies.* |

| | | | |
|---|---|---|---|
| *13* | CE | *Application of CAD in Civil Engineering I* | *Controlling drawing texts.* |
| *14* | CE | *Application of CAD in Civil Engineering I* | *Printing an auto CAD drawing.* |
| *15* | CE | *Civil Engineering lab II* | *Mix design of concrete.* |
| *16* | CE | *Civil Engineering lab II* | *Compressive strength of hardened concrete.* |
| *17* | CE | *Civil Engineering lab II* | *Determination of Penetration test of bitumen sample.* |
| *18* | CE | *Geotechnical Engineering Lab* | *Determination of water content of given soil sample.* |
| *19* | CE | *Geotechnical Engineering Lab* | *Determination of CBR value of given soil sample* |
| *20* | CE | *Geotechnical Engineering Lab* | *Determination of Liquid limit & Plastic limit of given soil sample* |
| *21* | CE | *Civil Engineering lab III* | *Measurements of pressure and pressure head.* |
| *22* | CE | *Civil Engineering lab III* | *Measurement of pressure difference.* |
| *23* | CE | *Civil Engineering lab III* | *Determination of coefficient of discharge.* |
| *24* | CE | *Application of CAD in Civil Engg. II* | *Building drawing in layers* |
| *25* | CE | *Application of CAD in Civil Engg. II* | *RCC detailing I & II* |
| *26* | CE | *Civil Engineering Lab-IV* | *To determine hardness of water.* |
| *27* | CE | *Civil Engineering Lab-IV* | *To determine the dissolved oxygen in a sample of water.* |
| *28* | CE | *Civil Engineering Lab-IV* | *To determine the turbidity of the given sample of water.* |
| *29* | CE | *Field Surveying Practice II* | *Closed traverse Survey& Measure building height .* |
| *30* | CE | *Field Surveying Practice II* | *Setting out simple circular curve.* |
| *31* | CE | *Field Surveying Practice II* | *Layout of the building.* |

| ***Sl No*** | Dept. | ***Name of Laboratory*** | ***Experiments Performed on*** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 1 | ETCE | Analog Electronics Laboratory | Charecteristics of Diode, Transistor; Rectifier and Amplifier circuit operation, Oscillator and multivibrator operation. |
| 2 | ETCE | Digital Electronics Laboratory | Multiplexer, Decoder, Flip-Flop, Registor, Counter Design. |
| 3 | ETCE | Network Analysis Laboratory | KCL, KVL, Superposition, Thevinin, Norton, Maximum Power Transfer Theorem verification |
| 4 | ETCE | Industrial Electronics Laboratory | Characteristics of SCR, DIAC, TRIAC; Operation of Chopper, Inverter, Speed control of Stepper Motor. |
| 5 | ETCE | Communication Engineering | Introduction to Amplitude Modulation, de Modulation, Envelope detector, TDM, Superheterodyne Receiver, PCM, Klystron test bench. |
| 6 | ETCE | Microprocessor Laboratory | Introduction to 8085 and 8086 related programming |
| 7 | ETCE | Consumer Electronics | Introduction to Black & White TV Trainer Kit. |

| SL.No | Dept. | Name of The laboratory | Name of experiments |
|---|---|---|---|
| 1 | EE | Electrical Circuit and Network | To verify Kirchoff's Current Law and Kirchoff's Voltage Law. |
| 2 | EE | Electrical Circuit and Network | To measure inductance of a choke using an external resistance |
| 3 | EE | Electrical Circuit and Network | in series with choke and by drawing relevant phasor diagram. Verify the result with LCR meter and calculate Q factor |
| 4 | EE | Electrical Circuit and Network | To measure the current , voltage across each element |
| 5 | EE | Electrical Circuit and Network | of R-L-C series circuit and draw the phasor diagram to calculate power factor. |
| 6 | EE | Electrical Machine Laboratory | To plot the O.C.C. of a D.C. generator & find the critical resistance. |
| 7 | EE | Electrical Machine Laboratory | To control the speed of D.C. shunt motor above & below normal speed & draw the speed characteristics. |
| 8 | EE | Electrical power Electronic Laboratory | Identification & Checking methods of the following basic components – Resistor, Potentiometer, Capacitor (polarised, Non-polarised), Choke coil, Diode, Zener diode, Transistor (NPN & PNP), Thyristor, Diac, Triac, UJT, IGBT, MOSFET, JFET, OPAMP(IC741), IC78XX, IC79XX. |

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|---|---|---|---|
| 9 | *EE* | *Electrical power Electronic Laboratory* | *To plot the forward & reverse characteristics of P-N junction diode.* |
| 10 | *EE* | *Electrical Measuring Instrument Laboratory* | *To measure active and reactive power in three phase balanced load by two wattmeter method and observe the effect of Power Factor variation on Wattmeter reading.* |
| 11 | *EE* | *Electrical Measuring Instrument Laboratory* | *To measure an inductance by Maxwell's bridge* |
| 12 | *EE* | *Electrical Measurement and control Laboratory* | *To measure linear displacement by LVDT & plot characteristics.* |
| 13 | *EE* | *Electrical Measurement and control Laboratory* | *To measure displacement by Strain gauge & plot characteristics.* |
| 14 | *EE* | *Electrical Measurement and control Laboratory* | *To study the following signal conditioning circuits and observe and plot the output* |
| 15 | *EE* | *Electrical Measurement and control Laboratory* | *(i) V to I Converter, (ii) I to V Converter, (iii) V to F Converter using Op-AMP 741* |
| 16 | *EE* | *Transmission Distribution of Power Laboratory* | *To demonstrate the improvement of P.f. using static condenser.* |
| 17 | *EE* | *Transmission Distribution of Power Laboratory* | *To study different kinds of insulators* |
| 18 | *EE* | *Transmission Distribution of Power Laboratory* | *To study PILC, PVC, FRLS and XLPE cables.* |
| 19 | *EE* | *Switchgear and Protection Laboratory* | *To Plot the inverse characteristics of Induction type/ microprocessor Based – (i) O/C relay, (ii) E/F relay using Relay Testing Kit.* |
| 20 | *EE* | *Switchgear and Protection Laboratory* | *To test percentage Differential Protection of Transformer Using Transformer Differential Relay (Electromagnetic/Microprocessor based).* |
| 21 | *EE* | *Utilization Traction Heating and Drives Laboratory* | *To determine Illumination of a surface for a Drawing Room by means of lux meter* |
| 22 | *EE* | *Utilization Traction Heating and Drives Laboratory* | *To determine candle power of a lamp in comparison to standard C.P. of lamp by optical bench method.* |

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|---|---|---|---|
| 23 | *EE* | *Utilization Traction Heating and Drives Laboratory* | *To study of torques/Armature current, Speed/Armature current & Torque/Speed characteristics for D.C. series motor using mechanical loading. (Either braking arrangement or using D.C. Gen).* |
| 24 | *EE* | *Energy Conservation and Audit Laboratory* | *To save energy by using electronic ballast as compared to conventional choke.* |
| 25 | *EE* | *Energy Conservation and Audit Laboratory* | *To list energy saving equipments for domestic and commercial applications* |
| 26 | *EE* | *Electrical Design Estimation and Costing Laboratory* | *Draw Sectional Drawing of different types of cables, overhead conductors (using CAD)* |
| 27 | *EE* | *Electrical Design Estimation and Costing Laboratory* | *Draw Single line diagram and layout plan of 11KV indoor Substation (using CAD)* |
| 28 | *EE* | *Electrical Design Estimation and Costing Laboratory* | *Draw Sectional Drawing of different types of insulators (using CAD)* |
| 29 | *EE* | *Electrical Workshop* | *Dismantling, assembling, testing, preparation of list of components, parts for: (any four)* |
| 30 | *EE* | *Electrical Workshop* | *i) D.C. compound motor* |
| 31 | *EE* | *Electrical Workshop* | *ii) 3 phase Induction motor.* |
| 32 | *EE* | *Electrical Workshop* | *iii) Geyser.* |
| 33 | *EE* | *Electrical Workshop* | *iv) UPS / Inverters / battery chargers* |
| 34 | *EE* | *Electrical Workshop* | *v) Microwave Ovens* |
| 35 | *EE* | *Electrical Workshop* | *vi) Semi-automatic& fully automatic washing machine* |
| 36 | *EE* | *Electrical Workshop* | *To prepare trouble-shooting chart & carry out maintenance of a single and three phase transformers.* |

| ***Sl No.*** | Dept. | ***Name of the Laboratory / Workshop*** | ***Experiments Performed on*** |
|---|---|---|---|
| 1 | CST | *C Programming ,Data Structure and C++ (Lab 2)* | *DDA and Line drawing algorithm in C, Data Structure using C Language, manipulation of different type of Data Structure like Array, Stack, Linked List and C++ language.* |

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|---|---|---|---|
| 2 | CST | *JAVA ,RDMS and Networking (Lab 1)* | *Implementation of an Applet programming in JAVA CSS, Table creations using dependencies & various operations on table using PL/SQL and Studying various networking components, Physical Network connecting devices like switch, bridge, router, LAN, WIFI Configuration.* |
| 3 | CST | *HTML,XML and Numerical Lab (Lab 3)* | *Table creation and web page design, Introduction to XML Language and Numerical Method Programming* |
| 4 | CST | *VB.Net and ASP.Net (Lab 1)* | *Implementing simple calculator and Implementing web application.* |

| ***Sl No.*** | ***Dept.*** | ***NAME OF THE LAB*** | ***LIST OF EXPERIMENT NAME*** |
|---|---|---|---|
| *1* | *ME* | *THERMAL ENGINEERING - II* | *Study of Boiler and Boiler Parts. (Both Fire Tube and Water Tube Boilers)* |
| *2* | *ME* | *THERMAL ENGINEERING - II* | *Study of Boiler Mountings and Accessories.* |
| *3* | *ME* | *THERMAL ENGINEERING - II* | *Study and compare between Surface Condenser and Jet Condenser.* |
| *4* | *ME* | *THERMAL ENGINEERING - II* | *Trace the cooling water circulation of a surface condenser with cooling tower.* |
| *5* | *ME* | *THERMAL ENGINEERING - II* | *Study of schematic layout of Steam Power Plant.* |
| *6* | *ME* | *THERMAL ENGINEERING - II* | *Study of Refrigeration Unit / Air-Conditioning Unit. (Refrigerator / Window Air-Conditioner)* |
| *7* | *ME* | *THERMAL ENGINEERING - II* | *Trial on Refrigeration Test Rig for calculation of COP, power required and refrigeration effect.* |
| *8* | *ME* | *Manufacturing Process II* | *Study of shaper & Planner machine & Identify different parts, drives, clapper box, crank & slotted mechanism, feed mechanism, adjustment of length & position of stroke, work holding devices, tool holding devices, tools used , setting of tool & work also Operate shaper machine without work* |
| *9* | *ME* | *Manufacturing Process II* | *Study attachment & accessories and Practice on making a job involving lathe operations like taper turning & thread cutting & use of measuring instruments* |

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|---|---|---|---|
| 10 | ME | Manufacturing Process II | Study of Milling machine & identify different parts, drives, cutter holding devices , milling cutters, dividing head |
| 11 | ME | Manufacturing Process II | & operate milling machine without work |
| 12 | ME | Manufacturing Process II | Practice on making a job involving Shaper machine with the operations like a)surface planning b) slot making c) angular machining [ For example a V block] |
| 13 | ME | Manufacturing Process II | Practice of milling machine on making a spur gear of given module |
| 14 | ME | Manufacturing Process II | Practice on making welding of flat position & vertical position , MIG& TIG welding practice on 4mm thick plate spot & seam welding |
| 15 | ME | Engineering Metrology | Standard use of basic measuring instruments. Surface plate, v-block, sprit level, combination set, filler gauge, screw pitch gauge, radius gauge, vernier caliper, micrometer and slip gauges to measure dimension of given jobs. |
| 16 | ME | Engineering Metrology | To find unknown angle of component using sine bar and slip gauges. |
| 17 | ME | Engineering Metrology | Study and use of optical flat for flatness testing |
| 18 | ME | Engineering Metrology | Measurement of screw thread elements by using screw thread micrometer, screw pitch gauge. |
| 19 | ME | Engineering Metrology | Study and use of dial indicator as a mechanical comparator for run out measurement, and roundness comparison. |
| 20 | ME | Engineering Metrology | Measurement of gear tooth elements by using gear tooth vernier caliper |
| 21 | ME | Engineering Metrology | Alignment Testing of lathe machine tool. |
| 22 | ME | Theory of Machines and Mechanism | Find the ratio of time of cutting stroke to the time of return stroke for quick return mechanism of a shaper machine. |
| 23 | ME | Theory of Machines and Mechanism | Study of different types of gear train: a) simple gear train – tumbler gears for speed reversing, b) compound gear train – All geared head stock, c) reverted gear train – Back gear in lathe, d) epicyclic gear train – differential. |

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|---|---|---|---|
| 24 | ME | Theory of Machines and Mechanism | 3) Determination of velocity by relative velocity method (two problems) (use graphical method). |
| 25 | ME | Theory of Machines and Mechanism | Determine the radius of rotation of fly ball (porter governor) for different speed of governor and draw a graph between radius of rotation versus speed |
| 26 | ME | FLUID POWER | Study of FRL Unit generally used in Pneumatic System. |
| 27 | ME | REFRIGERATION AND AIR CONDITIONING | Trial on water cooler test rig. |
| 28 | ME | REFRIGERATION AND AIR CONDITIONING | Identification of components of 'hermetically sealed compressor'. |
| 29 | ME | Advanced Strength of Materials | 1.To determine coefficient of friction of any pair of surfaces and determination of angle of repose. |
| 30 | ME | Advanced Strength of Materials | 2.To find MA, VR, Efficiency, Ideal Effort, Effort & Load lost in friction for various loads and establish law of |
| 31 | ME | Advanced Strength of Materials | 3.Tension Test on mild steel/ Aluminium & compression test on cast iron on Universal Testing Machine. |
| 32 | ME | Advanced Strength of Materials | 5.Brinell Hardness Test on Mild Steel / Aluminium. |
| 33 | ME | Advanced Strength of Materials | 6.Rockwell hardness Test on Hardened Steel. |
| 34 | ME | Advanced Strength of Materials | 7.Izod & Charpy - Impact tests of a standard specimen. |
| 35 | ME | Advanced Strength of Materials | 8.Torsion Test on Mild steel bar. |
| 36 | ME | Advanced Strength of Materials | 3.To be familiar with the following basic instruments: Multimeter, oscilloscope, power supply and function generator. |
| 37 | ME | Advanced Strength of Materials | 4.To practice soldering, desoldering and construct & test a battery eliminator and simple |
| 38 | ME | Advanced Strength of Materials | regulator circuit using Zener and ICs on a Bread Board and Vero Board. |
| 39 | ME | Advanced Strength of Materials | 5.Input & output characteristics of transistor in CE mode. |

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| 40 | ME | Advanced Strength of Materials | 6.To study VI characteristics of FET and MOSFET. |
| 41 | ME | Advanced Strength of Materials | 7.To study VI characteristics of SCR. |
| 42 | ME | Advanced Strength of Materials | 8.To determine frequency response characteristics of RC coupled amplifier circuit and |
| 43 | ME | Advanced Strength of Materials | calculation of bandwidth, midband gain, input impedance and output impedance for : a) Single-stage amplifier |
| 44 | ME | Advanced Strength of Materials | 9.Study simple applications of OP AMP as summer. |
| 45 | ME | Advanced Strength of Materials | 2.Practice on making a job involving Lathe operations like Facing, plain turning, Step Turning, grooving,knurling &chamfering; study & use of measuring instrument (batch of 10 students per job) |
| 46 | ME | Advanced Strength of Materials | 4.Practice on making a job involving drilling operation of different diameter hole at different location, reaming operation at a particular hole, counter sinking operation at one hole. (batch of 05 students per job) |
| 47 | ME | Advanced Strength of Materials | 5.Study of different types of welding machines & equipments (Gas Welding set, Electric Arc Welding machine, Electric Resistance Welding machine), hand tools used, safety items used, connection details.& Study of different types of welding joints (Lap, Butt, Tee, Corner joint and edge joint) and different positions of welding (flat horizontal, vertical welding and over head welding); Bead practice, edge preparation, Tag welding. |
| 48 | ME | Advanced Strength of Materials | 6.Practice on making the welding joint: a) lap joint (material 25mmX6 mm MS flat – 100mm length), b)butt joint material 25mmX6 mm MS flat – 50mm length) c) T – Joint (material 25mmX6 mm MS flat – 50 |
| 49 | ME | THERMAL ENGINEERING- I | 1.Study of Solar Water Heating System. |

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| 50 | ME | THERMAL ENGINEERING- I | 2.Study of schematic layout of Wind Power Generation Plant / Biogas Plant / Hydroelectric Power Plant. |
| 51 | ME | THERMAL ENGINEERING- I | 3.Study & measurement of calorific value of solid fuel using Bomb Calorimeter. |
| 52 | ME | THERMAL ENGINEERING- I | 4.Study of Pressure Gauge and its use. |
| 53 | ME | THERMAL ENGINEERING- I | 5.Calculation of Characteristic Gas Constant of air based on some practical data. |
| 54 | ME | THERMAL ENGINEERING- I | 6.Study and Measurement of Dryness Fraction of Steam by Dryness Fraction Measuring Instrument. |
| 55 | ME | THERMAL ENGINEERING- I | 9.Study and compare various Heat Exchangers such as Radiators, Condensers, Evaporators (Shell and Tube Heat Exchanger) & Plate Type Heat Exchangers. |
| 56 | ME | Fluid Mechanics & Machinery | 1.Calibration of Bourden pressure gauge with the help of Dead Weight Pressure gauge. |
| 57 | ME | Fluid Mechanics & Machinery | 2.Verification of Bernoulli's Theorem. |
| 58 | ME | Fluid Mechanics & Machinery | 3.Determination of Coefficient of Discharge of Venturimeter. |
| 59 | ME | Fluid Mechanics & Machinery | 4.Determination of Coefficient of Discharge, coefficient of contraction and coefficient of velocity of orifice meter. |
| 60 | ME | Fluid Mechanics & Machinery | 5.Measurement of velocity of flow through pipe with the help of Pitot tube. |
| 61 | ME | Fluid Mechanics & Machinery | 6.Determination of coefficient of friction of flow through pipes. |
| 62 | ME | Fluid Mechanics & Machinery | 7.Trial on centrifugal pump to determine overall efficiency. |
| 63 | ME | Fluid Mechanics & Machinery | 8.Trial on reciprocating pump to determine overall efficiency. |
| 64 | ME | Measurement & Control | 1.Measurement of strain by using a basic strain gauge and hence determine the stress induced. |
| 65 | ME | Measurement & Control | Speed Measurement by using Stroboscope / Magnetic / Inductive Pick Up. |
| 66 | ME | Measurement & Control | Measurement of flow by using Rotameter. |

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| 67 | ME | Measurement & Control | Calibration of given LVDT |
| 68 | ME | Measurement & Control | . Determination of negative temperature coefficient and calibration of a Thermister. |
| 69 | ME | POWER ENGINEERING | Study of (four-stroke / two-stroke) Petrol and Diesel Engine. (If possible conduct the study by dismantling and reassembling an I.C. Engine) |
| 70 | ME | POWER ENGINEERING | Study of valve timing diagram of four-stroke Petrol and Diesel Engine. |
| 71 | ME | POWER ENGINEERING | Determination of I.P., B.P., Mechanical Efficiency and Thermal Efficiency of an I.C. Engine through suitable method. |
| 72 | ME | POWER ENGINEERING | Conduct trial on I.C. Engine Test Rig to find out the Heat Balance in an I.C. Engine. |
| 73 | ME | POWER ENGINEERING | Conduct Morse Test on Multi-cylinder Diesel / Petrol Engine. |
| 74 | ME | POWER ENGINEERING | Study of Cooling System generally installed in four-stroke (single / multi-cylinder) I.C. Engine. |
| 75 | ME | POWER ENGINEERING | Study of Lubrication System generally installed in two-stroke I.C. Engine |
| 76 | ME | POWER ENGINEERING | Study of Steam Turbines. |
| 77 | ME | POWER ENGINEERING | Study of Gas Turbine. |
| 78 | ME | POWER ENGINEERING | Study of Water Turbines. |
| 79 | ME | POWER ENGINEERING | Study of schematic layout of Hydroelectric Power Plant. |
| 80 | ME | POWER ENGINEERING | Demonstration of single plate coil spring & diaphragm spring type clutch |
| 81 | ME | POWER ENGINEERING | Demonstration of synchromesh gearbox. |
| 82 | ME | POWER ENGINEERING | Demonstration of differential. |
| 83 | ME | POWER ENGINEERING | Demonstration of rack & pinion steering gearbox. |
| 84 | ME | POWER ENGINEERING | Demonstration of rigid axle suspension. |
| 85 | ME | POWER ENGINEERING | Demonstration of hydraulic brake system |

- **List of Experimental Setup in each Laboratory/ Workshop**

| Name of Laboratory / Workshop | Total Carpet Area of lab/workshop | Name of the courses |
|---|---|---|
| Workshop<br>a)Bench work & Fittings<br>b)Welding<br>c)Electrical workshop<br>d)Electronics workshop | 200 sqm | CE, ME, EE, ETE, CST |
| Basic Electronics Lab | 120 sqm | |
| Engineering Physics | 100 sqm | |
| Graphics | 120 sqm | |
| Electrical Technology Lab | 80 sqm | |
| Computer Lab | 100 sqm | |
| Engineering Chemistry | 95 sqm | |

**COMPUTING FACILITIES:**

| Item Name | Details |
|---|---|
| Internet Bandwidth | Upload 34.04mb/s, Download 13.36mb/s |
| Number and configuration of System | 60 nos- i3 7th generation, 4GB RAM DDR4, 1TB HDD |
| | 10 nos- i3 4th generation, 2GB RAM DDR3, 500GB HDD |
| | 20nos- Core 2 Duo / Dual Core, 1GB RAM DDR2, 160GB HDD |
| Total number of system connected by LAN | 90 |
| Total number of system connected by WAN | 90 |
| Major software packages available | N.A |
| Special purpose facilities available | N.A |

- **Innovation Cell –** Yes we have
- **Social Media Cell-** Yes we have
- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institute and University Departments – N/A**

## ➢ List of facilities available.

**Games and Sports Facilities**

- We have a beautiful and specious sports complex in which out door games like – football, cricket and others can be organized. Indoor game facilities like – Table Tennis, Carom, Basket balls events can also take place. We have also

auditorium infrastructure wherein cultural functions, seminars and conference are arranged and conducted.

**Extra Curriculum Activities**

- We organize debate, quiz, and technical fest. Educational tours & Training Programmes on short term basis are also conducted.
- National Service Scheme Programme is being implemented in the Institute.
- Students participation in Red Cross Training programme needs also to be mentioned.

**Soft skill Development Facilities**

- We organize debate , GD , Mock interview to improve the soft skiils of student. We conduct Special class by expert to improve their communication skills & make them groom well.

## ❖ Teaching Learning Process

- Curricula and syllabi for each of the programs as approved by the University- Diploma in engineering by State council of West Bengal.

As per WBSCT&VE&SD curricula (for detailed syllabus http://webscte.org/Syllabus.html)

- Academic Calendar of the University : As prescribed by State Council
- Academic Time Table : As prescribed by State Council
- Teaching Load of each Faculty : As per AICTE norms
- Internal Continuous Evaluation System and place: At least 2 class tests held per semester along with quizzes and assignments.
- Students' assessment of Faculty, System in place: Students feedback about faculty performance is obtained in each semester against various attributes through on–line voting system.

- **For each Post Graduate Courses give the following:** - N/A
- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course

- **Special Purpose**
- Software, all design tools in case-N/A
- Academic Calendar and frame work- As prescribed by State Council

16. Enrollment of student in last 3 Years

| DEPT. | SEAT SANCTION | ADMISSION 2018 | ADMISSION 2017 | ADMISSION 2016 |
|---|---|---|---|---|
| CE | 120 | 113 | 73 | 124 |
| ME | 60 | 62 | 62 | 60 |
| EE | 60 | 61 | 58 | 61 |
| ETCE | 30 | 30 | 26 | 29 |
| CST | 30 | 32 | 28 | 29 |

17. List of Research projects / Consultancy Works

- Number of projects carried out, funding agency, Grant received – N/A
- Publication (if any) out of research in last three years out of master projects- N/A
- Industry Linkage –

Training-
Training is teaching, or developing in oneself or others, any skills and knowledge that relate to specific useful competencies. Training has specific goals of improving one's capability, capacity, productivity and performance. It forms the core of apprenticeships and provides the backbone of content at institutes of technology. JIS School of polytechnic is one of the best institutes, that provides varies types of training facilities.

# Visiting Companies

| Sl. No | Company Name |
|---|---|
| 1 | ACC |
| 2 | HCL Info Systems |
| 3 | L&T |
| 4 | Ashok Leyland |
| 5 | Wipro |
| 6 | Gammon India |

| | |
|---|---|
| 7 | Blue Star |
| 8 | Advanced Informatics Ltd |
| 9 | Caterpillar |
| 10 | Indian Seamless |
| 11 | Tools & Tool India Pvt. Ltd |
| 12 | UAL Industries |
| 13 | Ural India |
| 14 | Manaco Energy Solutions |
| 15 | Mahindra Satyam |
| 16 | Toshniwal Group |
| 17 | Eteam Infocom |
| 18 | Accord Tools & Accessories Ltd |
| 19 | Tata Steel |
| | & Many more |

- MoU with Industries

1) with leverage energy pvt ltd

**MEMORANDUM OF UNDERSTANDING (MoU)**
**BETWEEN**
**JIS SCHOOL OF POLYTECHNIC**
**AND**
**LEVERAGE ENERGY PVT LTD**

This Memorandum of Understanding executed on this 22nd Day of November 2017, between

**Leverage Energy Pvt Ltd**, EC 33, 1ST Floor, Sector-1, 8, Salt Lake City, Kolkata - 700064, West Bengal, India,

AND

**JIS School of Polytechnic** situated at Block-A, Phase-III, Kalyani, Pin-741235, West Bengal.

**BACKGROUND**

**Leverage Energy Private Limited (LEPL)** forte has been conceptualizing the renewable energy projects, offering the very best strategies for development of the infrastructure and financial model as well as managing its implementation to ensure optimum quality mix. Our objective is to develop solar / renewable infrastructure pan India and thus proliferate benefits of green power over the Indian multitude and save the environment. Reckoned as a one of the leading EPCM Business Enterprise among the public and private sector giants, we have earned an enviable reputation of delivering 360 degrees solutions of unparalleled, international standards. The timely executions of complex projects, backed by a highly motivated, cohesive workforce that works seamlessly on the state-of-the-art technology platform, has lead Leverage Energy to become one of the most versatile solution provider in the renewable energy space. Our near 100% client retention record, strong clientele and alliances across businesses, consultants, robust financial performance, strong banking support demonstrates the keen business acumen and remarkable foresight of the experienced Management. In addition, financial, managerial support and experience of our investors has fostered our business and its executing strategy.

**JIS School of Polytechnic (JISSP)**, established in the year 2009, is an Educational Initiative of JIS Group. The group considered as one of the largest educational establishment in the State of West Bengal, which offers 44 different ongoing programs in more than 15 educational institutions with an enrolment of more than 15,000 students. All the courses are approved by AICTE and affiliated to WBSCTE. Our colleges are also NAAC and NBA accredited. JISSP offers 6 courses at present.

1. **OBJECTIVE OF THE MOU:** The purpose of this MoU is to enable cooperation between LEPL and JISSP in pursuit of common interests in teaching, training and research in Engineering and Technology. Besides facilitating interactions between the institutions, the collaboration aims to foster advancement in teaching, training & research.

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2. **DELIVERABLES OF LEPL & JIS SCHOOL OF POLYTECHNIC (JISSP) :**
   a) Conduction of Industrial Visit, Paid Training and paid short term workshop every semester for the students of JISSP at JISSP College campus,
   b) Conduction of Faculty development programmes once in a year,
   c) LEPL will provide guidance in the concerned domain by organizing at least one seminar at the college in each semester.
   d) LEPL will provide opportunities to the students for Live projects after successful completion of training.
   e) Sharing the knowledge resources through expertise of invited/visiting faculty of JISSP, Kalyani and LEPL.
3. **DURATION OF MOU:** This MOU unless extended by mutual written consent of both the parties, shall expire in three years after the effective date specified in the opening paragraph. However, on review the MOU shall be extended by mutual consent.
4. **CO-ORDINATORS:** Both parties will designate persons who will have responsibilities for coordination and implementation of this agreement.
5. **EFFECTIVE DATE:** This MOU will be effective upon the date of the final signature of this document for a period of three years. However, on review the MOU shall be extended by mutual agreement. Extensions will become effective upon final signature of the appropriate parties.
6. **BREACH OF AGREEMENT:** Both the organization shall have the right to terminate the agreement at any point of time, if any payments of claims or financial commitments made.
7. **AMENDMENT TO THE AGREEMENT:** The obligations of JIS School of Polytechnic and LEPL have been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for alteration or modifications of this Agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

22/11/17
For JIS School of Polytechnic
Kalyani, Nadia.
Date: 22/11/17
J. Mukhopadhyay
Principal.
Witness:
Signature: Prodosh Basu Roy
Name: PRODOSH BASU ROY
Date: 22/11/2017

DEBOJYOTI SEN 22/11/17
For Leverage Energy Pvt Ltd
Salt Lake, Kolkata.
Date: 22/11/17
Witness:
Signature: Kuheli Roy
Name: Kuheli Roy
Date: 22.11.17 Kuheli R

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2) with OGMA Tech lab

**MEMORANDUM OF UNDERSTANDING (MoU)**
**BETWEEN**
**JIS SCHOOL OF POLYTECHNIC**
**AND**
**OGMA TECH LAB**

This Memorandum of Understanding executed on this 12th Day of December 2017, between **OGMA TECHLAB**, CZ-32 Metropolitan, CO-Op Housing Society Kolkata- 700105, Land Mark-Byepass Dhaba,

AND

**JIS SCHOOL OF POLYTECHNIC** situated at Block-A, Phase-III, Kalyani, Pin-741235, West Bengal.

**BACKGROUND:--**

**OGMA TechLab** is a training division of OGMA IT Conceptions Pvt. Ltd which provides cutting-edge services in the sectors of Software Development, Computer Training, and Technical Education & End-to-End Solutions. We are India's most comprehensive technical lab in providing services to Fresher's in making their dream career in Industry.

OGMA TechLab is certified by ISO 9001:2008 for its best quality for IT Industry. OGMA TechLab is the largest training service provider in various engineering domains for all engineering students as well as for the working professionals. Incorporated in 2013, our aim is to provide the best talent, by providing knowledge and skill development certification training programs. Based in Kolkata, India we drive our exclusive services by providing seamlessly training to cater the software and training requirements.

OGMA TechLab is different from regular training organizations in the market for our highly skilled mentors experiencing more than 10 years in the development and other technical arenas which provides quality education, style and methodology of sharing ideas to our students. Our development organization experiencing 6+ years of working with overseas clients, is helping us to be an innovative and implementing the latest technologies into our students which helped them to be like a professionals.

**JIS School of Polytechnic (JISSP)**, established in the year 2009, is an Educational Initiative of JIS Group. The group considered as one of the largest educational establishment in the State of West Bengal, which offers 44 different ongoing programs in more than 15 educational institutions with an enrolment of more than 15,000 students. All the courses are approved by AICTE and affiliated to WBSCTE. Our colleges are also NAAC and NBA accredited. JISSP offers 6 courses at present.

**Objective of the MOU:** The purpose of this MoU is to enable cooperation between OGMA TechLab and JISSP in pursuit of common interests in teaching, training and research in Engineering and Technology. Besides facilitating interactions between the Institutions, the collaboration aims to foster advancement in teaching, training & research.

**DELIVERABLES OF OGMA TECHLAB & JIS SCHOOL OF POLYTECHNIC (JISSP):**

1. Conduction of Industrial Visit(At minimum Cost), Paid Industrial Training and Short Term Paid Workshop for the students of JISSP at OGMA Tech Lab,
2. Conduction of Faculty Development Programs(At minimum Cost),

1 | Page

3. OGMA Tech Lab will provide guidance in the concerned domain by organizing at least one Technical Class (Free of Cost) at the college in each semester for each department. This Full Day Technical Class will provide the basic idea to the students of a specific topic.
4. OGMA Tech Lab will provide opportunities to the students for Live Projects.
5. Sharing the knowledge resources through expertise of invited/visiting faculty of JISSP, Kalyani and OGMA Tech Lab.
6. OGMA will provide On/Off campus drives (At least 2 for each department) for JISSP & also provide full effort to increase the number of recruitments in against of getting training valued at least Rs. 175000-200000 annually.

**DURATION OF MOU:** This MOU unless extended by mutual written consent of both the parties, shall expire in three years after the effective date specified in the opening paragraph. However, on review the MOU shall be extended by mutual consent.

**CO-ORDINATORS:** Both parties will designate persons who will have responsibilities for coordination and implementation of this agreement.

**EFFECTIVE DATE:** This MOU will be effective upon the date of the final signature of this document for a period of three years. However, on review the MOU shall be extended by mutual agreement. Extensions will become effective upon final signature of the appropriate parties.

**BREACH OF AGREEMENT:** Both the Organizations shall have the right to terminate the agreement at any point of time, if any payments of claims or financial commitments made.

**AMENDMENT TO THE AGREEMENT:** The obligations of JIS School of Polytechnic and OGMA Tech Lab have been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for alteration or modifications of this Agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

12/12/17
For **JIS School of Polytechnic Kalyani, Nadia**
Name: J. Mukhopadhyay
Date: Principal.
**Witness:**
Signature: Prodosh Basu Roy
Name: PRODOSH BASU ROY
Date: 12/12/17

For **OGMA Tech Lab Kolkata**
Name: SUDIP BANERJEE
Date: 12/12/2017
**Witness:**
Signature:
Name: SOURAV
Date: 12/12/2017

2 | Page

3) MoU with Vivekananda Technical institute

**MEMORANDUM OF UNDERSTANDING (MoU)**
**BETWEEN**
**JIS SCHOOL OF POLYTECHNIC**
**AND**
**VIVEKANANDA TECHNICAL INSTITUTE**

This Memorandum of Understanding executed on this 15th Day of December 2017, between **VIVEKANANDA TECHNICAL INSTITUTE (VTI)**, Foundry Park, Haulibagan, Ranihati-Amta Road, P.O.-Jalabiswanathpur, Panchla, Howrah-711322

AND

**JIS School of Polytechnic (JISSP)** situated at Block-A, Phase-III, Kalyani, Pin-741235, West Bengal.

**BACKGROUND**

**Vivekananda Technical Institute (VTI):** developed by Foundry Cluster Development Association (FCDA) with funding and assistance of concerned departments of both Govt of India and Govt of West Bengal, is situated at the sprawling picturesque Techno Complex at The Foundry Park (Haulibagan, Ranihati-Amta Road). VTI is emerging as the pioneer Institute in West Bengal to train the future foundrymen. The institute is the first of its kind which has developed its curricula that serves the need for human resources of the foundry owners who has planned to establish production units in the Foundry Park, surrounding the institute. The governing body of this institute consists of a combination of renowned industrialists from the foundry sector and academicians of the state. The institute has collaborated with renowned educational organization National Institute of Technology-Durgapur (NIT) for certification of its Foundry training courses.

**JIS School of Polytechnic (JISSP)**, established in the year 2009, is an Educational Initiative of JIS Group. The group considered as one of the largest educational establishment in the State of West Bengal, which offers 44 different ongoing programs in more than 15 educational institutions with an enrolment of more than 15,000 students. All the courses are approved by AICTE and affiliated to WBSCTE. Our colleges are also NAAC and NBA accredited. JISSP offers 6 courses at present.

1. **Objective of the MOU:** The purpose of this MoU is to enable cooperation between VTI and JISSP in pursuit of common interests in teaching, training and research in Engineering and Technology. Besides facilitating interactions between the institutions, the collaboration aims to foster advancement in teaching, training & research.

2. **Deliverables of VTI & JIS School of Polytechnic (JISSP) :**

   a) Conducting Industrial Visit, Training and short term workshops for the benefit of students of JISSP at VTI;
   b) Conduction of Faculty development programmes,
   c) VTI will provide guidance in the concerned domain by organizing at least one seminar at the college in each semester.
   d) VTI will provide opportunities to the students for Live projects.
   e) Sharing the knowledge resources through expertise of invited/visiting faculty of JISSP, Kalyani and VTI.

1 | Page

3. **DURATION OF MOU:** This MOU unless extended by mutual written consent of both the parties, shall expire in three years after the effective date specified in the opening paragraph. However, on review the MOU shall be extended by mutual consent.

4. **CO-ORDINATORS:** Both parties will designate persons who will have responsibilities for coordination and implementation of this agreement.

5. **EFFECTIVE DATE:** This MOU will be effective upon the date of the final signature of this document for a period of three years. However, on review the MOU shall be extended by mutual agreement. Extensions will become effective upon final signature of the appropriate parties.

6. **BREACH OF AGREEMENT:** No payments of claims or financial commitments would be made from either side other than normal academic fees to be collected by VTI, if necessary. If any breach takes place in this regard both the organizations shall reserve the right to terminate the agreement at any point of time after informing each other.

7. **AMENDMENT TO THE AGREEMENT:** The obligations of JIS School of Polytechnic and VTI have been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for alteration or modifications of this Agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

J. Mukhopadhyay
For **JIS School of Polytechnic**
**Kalyani, Nadia.**
Name: Principal.
Date: 15/12/2017

**Witness:**
Signature: Prodosh Basu Roy
Name: PRODOSH BASU ROY
Date: 15/12/2017

V.S. Berinal
For **Vivekananda Technical Institute**
**Panchla, Howrah.**
Name: VIJAY SHANKAR BERINAL
Date: 15/12/2017

**Witness:**
Signature: Atanu Sett
Name: ATANU SETT.
Date: 15-12-2017.

18. LoA and subsequent EoA till the current Academic year-

Details is given in our website – http://www.jissp.ac.in/pdf/aicte-approval.pdf

19. Accounted audited statement for the last three years-

For 2018-19

**JIS SCHOOL OF POLYTECHNIC**
**BLOCK - A, PHASE - III, KALYANI, NADIA**
**(UNIT OF JIS FOUNDATION)**
**(20, B.T ROAD, KOLKATA - 700002)**

**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2018**

| INCOME | SCH NO | AMOUNT IN Rs. AS AT 31-03-2018 | AS AT 31-03-2017 |
|---|---|---|---|
| STUDENT FEES | 7 | 31,026,431 | 35,017,255 |
| HOSTEL A/C | 8 | 807,300 | 563,401 |
| INTEREST | 9 | 762,478 | 858,370 |
| OTHER INCOME | 10 | 1,733,431 | 2,601,797 |
| **TOTAL INCOME** | A | **34,329,640** | **39,040,823** |
| **EXPENDITURE** | | | |
| STAFF COMPENSATION | 11 | 9,852,336 | 9,219,351 |
| ACADEMIC EXPENSES | 12 | 2,423,100 | 2,654,698 |
| UTILITIES AND SERVICES | 13 | 1,459,017 | 824,781 |
| OFFICE AND GENERAL | 14 | 9,151,851 | 1,384,496 |
| FINANCE CHARGES | 15 | 2,665 | 431,336 |
| DEPRECIATION | 16 | 5,412,691 | 4,637,765 |
| **TOTAL EXPENDITURE** | B | **28,301,660** | **19,152,426** |
| **EXCESS OF INCOME OVER EXPENDITURE** | A -B | **6,027,980** | **19,888,398** |

Notes on the Accounts

Schedule 1 to 16 and accounting policies form an integral part of accounts

**For Bandopadhyay Associates**
*Chartered Accountants*

**T.K.Bandopadhyay**
**(Proprietor)**

**Place : Sheoraphuli**
**Date : The .....day of ....., 2018**

**JIS SCHOOL OF POLYTECHNIC**
**BLOCK - A, PHASE - III, KALYANI, NADIA**
**(UNIT OF JIS FOUNDATION)**
**(20, B.T ROAD, KOLKATA - 700002)**

**BALANCE SHEET AS AT 31.03.2018**

| LIABILITIES | SCH. NO. | AMOUNT IN Rs. AS AT 31-03-2018 | AS AT 31-03-2017 |
|---|---|---|---|
| CAPITAL FUND | 1 | 36,229,679 | 33,066,926 |
| RESERVE & SURPLUS (Transfer to Capital A/C) | 2 | - | - |
| | | **36,229,679** | **33,066,926** |
| **ASSETS** | | | |
| **FIXED ASSETS** | 3 | | |
| GROSS BLOCK | | 77,866,728 | 74,635,878 |
| LESS : DEPRECIATION | | 44,373,284 | 38,960,594 |
| NET BLOCK | | **33,493,444** | **35,675,284** |
| ADD: CAPITAL WORK IN PROGRESS | | 595,925 | 119,720 |
| | | 34,089,369 | 35,795,004 |
| **CURRENT ASSETS, LOANS & ADVANCES** | 4 | | |
| FEES RECEIVEBLE | 4A | 3,439,140 | 2,515,625 |
| INVESTMENTS | 4B | 9,228,526 | 8,752,301 |
| CASH & BANK BALANCE | 4C | 6,139,924 | 1,872,792 |
| LOANS & ADVANCES | 4D | 71,354 | 451,203 |
| | | 18,878,944 | 13,591,921 |
| **LESS: CURRENT LIABILITIES** | | | |
| CURRENT LIABILITIES | 5 | 8,353,636 | 7,754,001 |
| CAUTION MONEY | 6 | 8,385,000 | 8,566,000 |
| | | 16,738,636 | 16,320,001 |
| **NET CURRENT ASSETS** | | 2,140,309 | (2,728,080) |
| | | **36,229,679** | **33,066,926** |

Notes on the Accounts

Schedule 1 to 16 and accounting policies form an integral part of accounts

**For Bandopadhyay Associates**
*Chartered Accountants*

**T.K.Bandopadhyay**
**(Proprietor)**

**Place : Sheoraphuli**
**Date : The .....day of ....., 2018**

Yet to be audit

For 2017-18

JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

BALANCE SHEET AS AT 31.03.2017

| SORCES OF FUNDS | SCH. NO. | AMOUNT IN Rs. AS AT 31.03.2017 | AS AT 31.03.2016 |
|---|---|---|---|
| CAPITAL FUND | 1 | 3,30,66,926 | 3,51,12,222 |
| RESERVE & SURPLUS | 2 | - | - |
| | | 3,30,66,926 | 35,11,222 |
| **APPLICATION OF FUNDS** | | | |
| **FIXED ASSETS** | 3 | | |
| GROSS BLOCK | | 7,46,35,878 | 7,21,78,701 |
| LESS : DEPRECIATION | | 3,89,60,594 | 3,43,22,829 |
| NET BLOCK | | 3,56,75,284 | 3,78,55,872 |
| ADD: CAPITAL WORK IN PROGRESS | | 1,19,720 | 11,54,835 |
| | | 3,57,95,004 | 3,90,10,707 |
| **CURRENT ASSETS, LOANS & ADVANCES** | 4 | | |
| FEES RECEIVEBLE | | 25,15,625 | 32,01,879 |
| CASH & BANK BALANCE | | 1,06,25,093 | 1,00,21,644 |
| LOANS & ADVANCES | | 4,51,203 | 74,764 |
| | | 1,35,91,921 | 1,32,98,287 |
| **LESS: CURRENT LIABILITIES** | | | |
| CURRENT LIABILITIES | 5 | 77,54,001 | 90,46,773 |
| CAUTION MONEY | 6 | 85,66,000 | 81,50,000 |
| | | 1,63,20,001 | 1,71,96,773 |
| **NET CURRENT ASSETS** | | (27,28,080) | (38,98,485) |
| | | 3,30,66,926 | 3,51,12,222 |

Notes on the Accounts 12

Schedule 1 to 12 and accounting policies form an integral part of accounts

**For Bandopadhyay Associates**
*Chartered Accountants*

**T.K.Bandopadhyay**
**(Proprietor)**

**Place : Sheoraphuli**

**Date : The ..... day of**

JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2017

| INCOME | SCH NO | AMOUNT IN Rs. AS AT 31.03.2017 | AS AT 31.03.2016 |
|---|---|---|---|
| Tuition & Admission Fees | 7 | 3,56,56,256 | 3,74,33,061 |
| Other Income | 8 | 34,60,167 | 48,86,474 |
| **TOTAL INCOME** | A | 3,91,16,423 | 4,23,19,535 |
| **EXPENDITURE** | | | |
| Administrative Expenses | 9 | 56,51,658 | 49,32,232 |
| Staff Expenses | 10 | 85,10,021 | 73,49,500 |
| Interest on Loan | 11 | 4,28,582 | 23,28,411 |
| Depreciation / Amortization | 3 | 46,37,765 | 53,74,164 |
| **TOTAL EXPENDITURE** | B | 1,92,28,026 | 1,99,84,307 |
| **Excess of Income over Expenditure** | A -B | 1,98,88,398 | 2,23,35,228 |

Notes on the Accounts 12

Schedule 1 to 12 and accounting policies form an integral part of accounts

**For Bandopadhyay Associates**
*Chartered Accountants*

**T.K.Bandopadhyay**
**(Proprietor)**

**Place : Sheoraphuli**

**Date : The .....day of .....**

For 2016-17

JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

SCHEDULES ANNEXED TO AND FORMING PART OF BALANCE SHEET

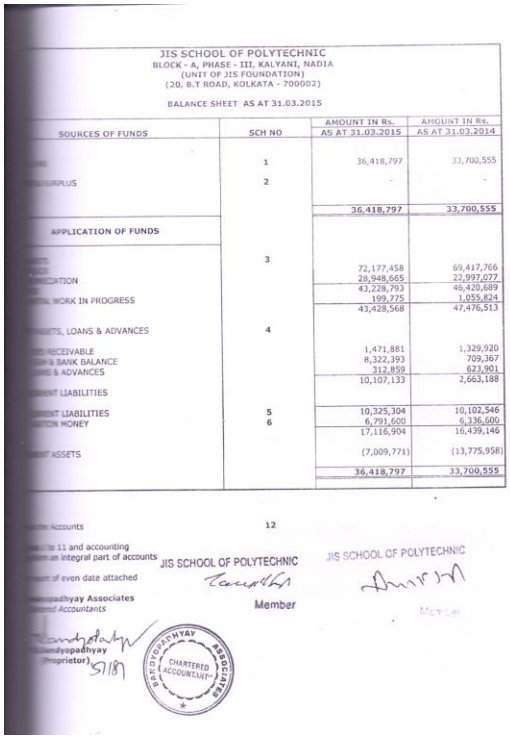
| | AMOUNT IN Rs. AS AT 31.03.2016 | | AMOUNT IN Rs. AS AT 31.03.2015 | |
|---|---|---|---|---|
| **SCHEDULE 1** | | | | |
| **CAPITAL FUND - JIS FOUNDATION** | | | | |
| Opening balance | 36,418,797 | | 33,700,555 | |
| Add: Introduced during the year | 3,453,503 | | 8,820,539 | |
| Less: Withdrawl / Adjusted during the year | 27,095,726 | | 18,202,470 | |
| Net Capital Fund | 12,776,574 | | 24,318,624 | |
| Add: Reserves & surplus tranf. To cap. A/c | 22,335,228 | | 12,100,173 | |
| Closing balance of capital account | | 35,112,222 | | 36,418,797 |
| **SCHEDULE 2** | | | | |
| **RESERVES & SURPLUS** | | | | |
| Opening Balance | - | | | |
| Add: Surplus during the year | 22,335,228 | | 12,100,173 | |
| | 22,335,228 | | 12,100,173 | |
| Less: Prior Period | | | | |
| | 22,335,228 | | 12,100,173 | |
| Less: Transferred to Capital account | 22,335,228 | - | 12,100,173 | - |
| **SCHEDULE 4** | | | | |
| **CURRENT ASSETS , LOANS & ADVANCES** | | | | |
| **A. CASH & BANK BALANCES** | | | | |
| I. Cash in Hand (as certified by management) | 41,277 | | 37,203 | |
| II. Cash at Bank | 1,059,596 | | 762,962 | |
| III. Fixed Deposit | 8,120,771 | | 7,522,228 | |
| | | 10,021,644 | | 8,332,393 |
| **B. SUNDRY ADVANCES** | | | | |
| I. Advance to Suppliers | | | 14,045 | |
| II. Advance to Others | | | 100,000 | |
| III. Security Deposit to WBSEB | 68,454 | | 63,814 | |
| IV. Tuition Fees Accrued & Due | 3,201,879 | | 1,471,861 | |
| V. TDS Recoverable | 760 | | | |
| VI. Advance to Staff | 5,510 | 3,276,643 | 135,000 | 1,784,740 |
| | | 13,298,287 | | 10,117,133 |
| **SCHEDULE 5** | | | | |
| **CURRENT LIABILITIES & PROVISIONS** | | | | |
| Sundry Creditors | | 115,243 | | 577,853 |
| Fees Recd. In Advance | 8,684,800 | | 9,689,501 | |
| Hostel Fees Recd. In Advance | | | 48,000 | |
| Outstanding Liability | 246,730 | | 9,950 | |
| | | 8,931,530 | | 9,747,451 |
| | | 9,046,773 | | 10,325,304 |
| **SCHEDULE 6** | | | | |
| **CAUTION MONEY** | | | | |
| Opening Balance - Students | 6,791,600 | | 6,336,600 | |
| Add : Received During The Year | 1,948,400 | | 2,050,000 | |
| Less : Repaid During The Year | 590,000 | | 1,595,000 | |
| Closing Balance | | 8,150,000 | | 6,791,60 |
| **TOTAL CAUTION MONEY** | | 8,150,000 | | 6,791,60 |

JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

SCHEDULES ANNEXED TO FORMING PART OF BALANCE SHEET

| | AMOUNT IN Rs AS AT 31.03.2016 | | AMOUNT IN Rs AS AT 31.03.2015 | |
|---|---|---|---|---|
| **SCHEDULE 7** | | | | |
| **TUITION & ADMISSION FEES** | | | | |
| Tuition Fees | 23,452,391 | | 22,971,250 | |
| Admission Fees | 2,063,000 | | 2,000,000 | |
| Entry Fees | 4,566,400 | | 4,153,700 | |
| Student Development Fees | 6,955,310 | | 6,380,000 | |
| | | 37,037,061 | | 35,505,2 |
| **SCHEDULE 8** | | | | |
| **HOSTEL ACCOUNT** | | | | |
| Hostel Fees | | 96,000 | | |
| Hostel Rent | | | | |
| Hostel Electricity | | | | |
| Hostel Repairs & Maintenance | | | | |
| Hostel Operating Expenses | | | | |
| Hostel Mess Exps | | | | |
| Hostel Transportation Exps | | - | | |
| | | 96,000 | | |
| **SCHEDULE 9** | | | | |
| **OTHER INCOME** | | | | |
| Interest On Savings Deposit | 143,355 | | 213,027 | |
| Interest On Fixed Deposit | 673,937 | | 24,096 | |
| Misc. Income | 4,086,187 | | 2,591,798 | |
| | | 4,886,474 | | 2,829,3 |
| **SCHEDULE 10** | | | | |
| **STAFF / TRAINING COSTS** | | | | |
| Salaries, Honorarium etc. | 7,308,045 | | 8,561,954 | |
| Staff Welfare Expenses | 40,430 | | 60,216 | |
| | | 7,348,000 | | 8,622,1 |
| **SCHEDULE 11** | | | | |
| **ADMINISTRATIVE EXPENSES** | | | | |
| Advertisement Expenses | 9,929 | | 779,635 | |
| Bank Charges & Commission | 2,666 | | 7,077 | |
| Books & Periodicals | 4,280 | | 1,854 | |
| Board of Governors Meeting | | | 24,893 | |
| Bad Debt | 112,000 | | | |
| Consultancy Charges | 45,628 | | 452,830 | |
| Conveyance Charges | 466,229 | | 172,258 | |
| Bank Loan Charges | 24,000 | | 37,878 | |
| Corporate Expenses | 404,434 | | 404,434 | |
| Exam Charges | 252,615 | | 215,155 | |
| Insurance Premium | 16,843 | | 16,843 | |
| Laboratory / Workshop Expenses | 77,979 | | 15,050 | |
| Other Power Supply | 999,153 | | 802,270 | |
| Office Expenses | 195,588 | | 641,394 | |
| Postage & Stamps | 3,593 | | 4,533 | |
| Printing & Stationary | 277,839 | | 370,868 | |
| Rent | | | 3,000 | |
| Rates & Taxes | 139,130 | | 183,364 | |
| Repairs & Maintenance | 259,458 | | 372,120 | |
| Subscription | 1,200 | | 2,000 | |
| Travel Expenses | 1,700,607 | | 2,408,871 | |
| Training & Development Prog. | 4,181 | | 7,899 | |
| Telephone & Fax | 52,703 | | 52,981 | |
| Wedding & Conveyance Exps. | 41,596 | | 37,010 | |
| | | 4,633,122 | | 7,085,7 |
| **SCHEDULE 12** | | | | |
| **INTEREST** | | | | |
| Interest on Term Loan | 2,328,411 | - | 2,448,410 | |
| Interest on BCB Short T/L | | | 1,771,139 | |
| | | 2,328,411 | | 4,219,5 |

For 2015-16



JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

BALANCE SHEET AS AT 31.03.2015

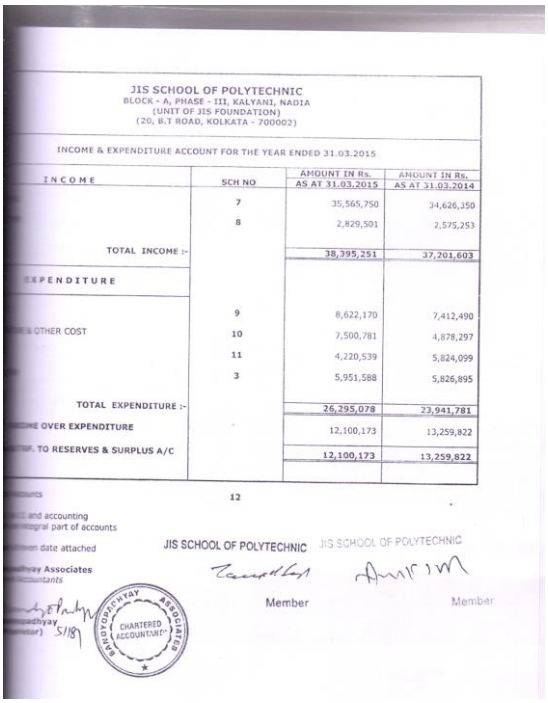
| SOURCES OF FUNDS | SCH NO | AMOUNT IN Rs. AS AT 31.03.2015 | AMOUNT IN Rs. AS AT 31.03.2014 |
|---|---|---|---|
| | 1 | 36,418,797 | 33,700,555 |
| SURPLUS | 2 | - | - |
| | | 36,418,797 | 33,700,555 |
| APPLICATION OF FUNDS | | | |
| | 3 | | |
| | | 72,177,458 | 69,417,766 |
| ECIATION | | 28,948,665 | 22,997,077 |
| | | 43,228,793 | 46,420,689 |
| WORK IN PROGRESS | | 199,775 | 1,055,824 |
| | | 43,428,568 | 47,476,513 |
| ETS, LOANS & ADVANCES | 4 | | |
| RECEIVABLE | | 1,471,881 | 1,329,920 |
| & BANK BALANCE | | 8,322,393 | 709,367 |
| & ADVANCES | | 312,859 | 623,901 |
| | | 10,107,133 | 2,663,188 |
| NT LIABILITIES | | | |
| NT LIABILITIES | 5 | 10,325,304 | 10,102,546 |
| ION MONEY | 6 | 6,791,600 | 6,336,600 |
| | | 17,116,904 | 16,439,146 |
| NT ASSETS | | (7,009,771) | (13,775,958) |
| | | 36,418,797 | 33,700,555 |

Accounts 12

11 and accounting
an integral part of accounts
of even date attached
padhyay Associates
Accountants
padhyay
(Proprietor) 51187

JIS SCHOOL OF POLYTECHNIC
Member

JIS SCHOOL OF POLYTECHNIC
Member



JIS SCHOOL OF POLYTECHNIC
BLOCK - A, PHASE - III, KALYANI, NADIA
(UNIT OF JIS FOUNDATION)
(20, B.T ROAD, KOLKATA - 700002)

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2015

| INCOME | SCH NO | AMOUNT IN Rs. AS AT 31.03.2015 | AMOUNT IN Rs. AS AT 31.03.2014 |
|---|---|---|---|
| | 7 | 35,565,750 | 34,626,350 |
| | 8 | 2,829,501 | 2,575,253 |
| TOTAL INCOME :- | | 38,395,251 | 37,201,603 |
| EXPENDITURE | | | |
| | 9 | 8,622,170 | 7,412,490 |
| & OTHER COST | 10 | 7,500,781 | 4,878,297 |
| | 11 | 4,220,539 | 5,824,099 |
| | 3 | 5,951,588 | 5,826,895 |
| TOTAL EXPENDITURE :- | | 26,295,078 | 23,941,781 |
| OVER EXPENDITURE | | 12,100,173 | 13,259,822 |
| TO RESERVES & SURPLUS A/C | | 12,100,173 | 13,259,822 |

12

and accounting
integral part of accounts
date attached
Associates
Accountants
padhyay
51187

JIS SCHOOL OF POLYTECHNIC
Member

JIS SCHOOL OF POLYTECHNIC
Member

## 20. Best practices adopted ,if any-

# Special Method Classes

The objective of these classes are to prepare and groom our students for interview. Mock interview, Group Discussion, Extempore session etc are held in this classes which is part of daily class schedule.

# Web based learning

Web-based learning is the tool which is the result of rapid development of technology, affords innovations also in education. Web-based learning provides many additional opportunities aside traditional way of learning. Web-based learning enables to study more deeply areas of interest. It encourages exploring material on student's own and enables to skip over materials already mastered. Web-based learning supports personalized learning and is self-directed. It builds self-knowledge and self-confidence. Hence the potential of the internet self learning mode is very high. The institute has created internet facility with 10 Mbps leased line and 30 computer terminals facility to encourage students for self learning.

The Clubs and Societies are as follows:

- By arranging Method Special Class within daily base routine, where different faculties were discussed several topics related with industrial base activity.

- Physics lab

The following experiments are offered in physics lab as beyond syllabus topics.

1. Solid bond using common balance and slide calipers.
2. Verification of series law of Resistance by ammeter and voltmeter method.
3. Application of thin layer chromatography for separation of mixture of pigments.

- By providing this hand on experiments in physics lab we help them to know about the additional experiments that is related to their syllabus.
- To determine the density of thin solid rod using common balance & slide calipers we help them to know the additional new experiment that is related to their syllabus.
- Verification of series law of resistance by ammeter & voltmeter method we help them to know the additional experiment that is related to their syllabus.
- Application of thin layer chromatography for separation of mixture of pigments, By providing this experiment we help them to know the additional experiment that is related to their syllabus.

# Self Learning

- Self-learning is promoted in the institute by generating self-learning facilities under various modes. Students are encouraged for self-learning by personal counseling and organizing various contests. Following are the various modes of self-learning and facilities created therein
- Industrial/field visit
- Students activities /mini projects
- Group discussion
- Arduino application
- Special machines (linear induction motor, hysteresis motor, etc)
- Self learning- By arranging method special classes are included in daily based on routine where students are given opportunities to grow up their attitude and presentable approach and after all different topic are dispersed by faculty members are discussed by the faculty members in order to update students with different socio knowledge and contents.
- By arranging Audio Visual Class development classes for each every student for their self improvements