# TECHNIQUE POLYTECHNIC INSTITUTE

**TPI** 2008
TECHNIQUE POLYTECHNIC INSTITUTE · KNOWLEDGE IS POWER

## PANCHROKHI,SUGANDHYA HOOGHLY

**NBA**
ACCREDITED COURSES
**DCE, DME, DEE, DCST, DETCE**
Valid Till : 30-06-2023

**NBA**
NATIONAL BOARD
of ACCREDITATION

# prospectus*
# 2022

## Approved By AICTE & Affiliated to WBSCTVESD

(A Three Years Diploma Engineering Institute)
Campus: Panchrokhi, P.O.-Sugandhya.
Dist.-Hooghly. W.B.,PIN-712101

e-mail : techniqueedu@gmail.com
www:// : techniqueedu.com

> "If You Want To Shine Like A Sun.
> First **Burn** Like A Sun."
>
> **- A.P.J.ABDUL KALAM**

# Preface

Technique Polytechnic Institute was established in 2008 by Bandel Educational Foundation under the guidance of experienced academicians responds to the challenge of improved technical education for students by providing excellent academic facilities and ideal environment for learning. The institute is well equipped with dedicated and dynamic faculty and excellent facilities. It provides a breath taking environment with inspiring academic environment, comfortable life in hostels, warmth and care of the mentors, with extracurricular activities to nurture the students to shine in their chosen fields.

It has been developed into a beautiful lush green landscape in the vicinity of Hooghly Railway station. TPI is about 3 KM away from Bandel Junction Railway Station on the Howrah – Barddhaman main railway line. The Institute is very well connected by bus routes with many parts of the District. Auto rickshaw and E-Rickshaw are affordable and easily available mode of communication from Chinsurah via Hooghly Station. This Institute is within walking distance from Hooghly Station.

## SAILENT FEATURES

- ✓ Pollution free campus and surroundings
- ✓ Good infrastructure
- ✓ Free Wi-Fi Campus
- ✓ Dedicated Training & Placement Department
- ✓ Special attention given to students for training and placement
- ✓ Campus Clinic, Gymnasium, Separate Boys and Girls Hostels
- ✓ Student Health Home, Student Insurance
- ✓ Extracurricular activities like sports, seminars, industrial visits are conducted
- ✓ Well furnished hostel facilities for needy students
- ✓ Hygienic and nutritious food provided by canteen
- ✓ Well Equipped Laboratories, Workshops and Smart Class Room
- ✓ Well Qualified, Experienced and Trained Teaching Staff
- ✓ Consistently Good Results
- ✓ Extra guidance given for personality development of the student
- ✓ Remedial classes after normal class hours
- ✓ Periodic liaison with parents/guardians
- ✓ Separate parking lots for faculty and students
- ✓ Passenger lift for comfortable and easy movement of dignitaries, faculty members and  for students in distress is available
- ✓ The Institute's Training & Placement Department now offers a range of training programmes through Career Development Training (CDT) Programme and placement opportunities.

# Bandel Education Foundation
## VISION AND MISSION



## VISION

✓    To be leader in providing recognition for excellence in career and technical education

✓    Inspired by the noble cause of education and with philanthropic zeal Bandel Education Foundation (BEF) registered under the West Bengal Society Registration Act,1961 (West Bengal Act XXVI of 1961) has been formed by persons from different walks of life such as reputed technologist, administration and managers of educational and industrial and sectors and social workers.

✓    A heterogeneous group of technologist and social workers with a belief in Human Resource Technical Professionals has formed the society.

✓    The society is committed to nourish and nature the basic human resource by expanding the opportunity of education in general and technological and management education in particular through establishment of such educational institutions for the benefit of the common people.

## MISSION

✓    To serve the society and improve the quality of life by imparting high quality education in professional education, promote educational excellence, award scholarshaips, and enhance career opportunities for the people of the society.

# President's Message

Success is a journey, not the destination, so goes the saving which is true for our profession too. We should not rest with success but instead should sustain it as a continuous journey to ultimate excellence. Engineers have always performed the role of backbone of a nation and contributed a lion's share in development of our country. Success stories like the Bhakra Nangal Dam to the launching of Chandrayan Mission to Moon, bear testimony to the important role played by acknowledged over the years, however, with changing world and changing social norms, the responsibility of engineers has undergone a paradigm shift. With the advent of new world order we have seen the coinage of some new words, such as, energy security, food security, sustainable growth and green technology. It is now realized that, development and economic progress cannot be the sole objective of the engineers. They have to now perform additional role of securing the future of the world at large. It is acknowledged that in today's scenario of global economy, we cannot remain isolated. Therefore, progress, security, sustainability and ecological balance need to be addressed holistically. Hence the Bandel Education Foundation will provide an opportunity to the engineers, technologist and other stake-holders to deliberate on the important issue of national growth, security and challenges for engineers.

Technique Polytechnic Institute under the registered society of Bandel education Foundation is intending to promote and expand the Technical and professional education among the communities, The institute is located in the close proximity to the centre point of the district Hooghly and it is closed proximity and near vicinity to the industrial belt of the develop district of the state. The industries like Bandel Thermal Power Station, ITC, Dunlop India Ltd., Ichapur Riffle Factory, Pepsi Industries Etc & many other large and medium scale industries are within the reach of 05 to 20Kms distance from the institute. The technical person in the field of Civil & Infrastructural Engineering and computer & other professional personnel in the field of administration has greater need to fulfil the demand of local industries as well as industries of the state and nationwide. Technique Polytechnic Institute will on continuous basis evaluate and monitor the quality of education and training imparted at the institute, improve the teaching –learning process and ultimately, develop the institute as a centre of excellence.

We hope that students along with their parents and teachers will materialise our vision and mission. With best wishes,

**Sri S.K. Nogi**
President

# From the desk of Chairman , Governing Body

"We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet."

........Swami Vivekananda

Greetings and welcome to the Technique Polytechnic Institute, Hooghly.

Technique Polytechnic Institute was established in the year 2008, being a premier self-financing technical institution with right focus having highly competent, qualified & motivated faculty and wide resources, creating quality diploma engineers.

Our vision is based on Quality education, outcome based learning, and all-round development of our students.

It is a matter of great pride and honour for me to be a part of Technique Polytechnic Institute as Chairman, Governing Body.

TPI has earned its outstanding reputation within a span of 14 years, institute has developed an excellent infrastructure, state of art technology based laboratories, ICT enabled class rooms, well equipped library which is fully computerized and all necessary facilities for knowledge and skill enrichment of our students.

Being the first among all the Polytechnic Institutes in the State of West Bengal to have the honour of getting accreditation of the courses running in this institute by the "National Board of Accreditation (NBA)".

I am very glad to announce that we are the first institute in West Bengal have a diploma course in Electrical Engineering in Regional Languages (Bengali) from the academic session 2021-22.

A new programme in 'Diploma in Cyber Forensics & Information Security' with intake capacity of 30 is being added from the academic session 2021-2022 which can be a big hit in the recent future.

We are committed to provide an outstanding education and inspire our students to engage in both academic and enriching extra-curricular programmes. Special attention is given to the development of the students both academically and in extra curricular activities like sports, yoga, cultural activities, etc.

We are hopeful that TPI will transform the students into enlightened and dynamic young professionals ready to face the challenges of Society and Industry and add to the growth and prosperity of the nation.

As Quality has always been one of our key concerns, we have implemented Outcome-based Approach to Teaching, Learning and Assessment.

More emphasis has been given for the development of students' generic skills, such as collaboration skills and problem solving skills, and encourages them to learn through project-based learning and other enquiry-based learning activities.

As the chairman of this institution, I anticipate the full participation and cooperation of our stakeholders. I strongly believe that our combined endeavour will continue to achieve technical excellence in the best interest of our society and nation.

My sincere support and blessings to all of you.

I wish you all a wonderful future ahead.

Stay strong! Stay healthy!

**T.K. SAHA**
Chairman, Governing Body

# From the Desk of Advisor Academic & Administration

" To give real service you must add something that cannot be bought or measured with  money, and that is sincerity and integrity"...... Sir M. Visvesvaraya

Welcome to Technique Polytechnic Institute, a state of the art center for excellence in technical education and training. Our Institute is one of the leading Institutes in the State for imparting technical education and skill development.

The TPI is guided by a strong appreciation of the value of quality assurance in all aspects of its functioning. The Institute is not only to be the best in the state but have matched the national standards. We are proud to announce that the programmes are officially accredited by National Board of Accreditation (NBA).

 We have been working sincerely over the last few years to achieve this milestone and have seen a notable change in the structure and success of our methods.
Our Institute feels proud of young team comprising qualified, experienced and dedicated faculty to train up the students by delivering result-oriented quality services.

Our parent body BEF (Bandel Educational Foundation) and the management of the Institute strives for developing the institution through professional approach in building TPI as a brand in the field of technical education and skill development. Our aim is to offer competent manpower to accept challenge, confidence and courage in the field of engineering and technology.

The Training & Placement Cell is actively mentoring students in making careful decision about career path. While a number of students opt for higher studies across the state, the rest aim for jobs.

The Institute has an Internal Quality Assurance Cell (IQAC), Internal Academic Audit Cell (IAAC) with an objective to achieve improvement of the academic and administrative performance of the Institute and to ensure the standards of excellence reflected in our Vision and Mission.

Sports and other co-curricular activities are encouraged and the students are given every form of support to develop their talents in all fields.
We invite all stakeholders who share our vision, goals and purpose to join hands in our effort and build a new cadre of technical professionals, who will accelerate the growth in the new digital era.

My best wishes to the students, faculty members and other stakeholders for their continuous support in achieving the Institute's Vision & Mission.

I request all our students to take opportunity by utilizing the facilities of our Institute. I believe that an average student who is technically strong & hardworking with positive attitude will definitely win.

I deeply grateful to the parents and well wishers of our institute for their whole hearted support and hope for the same in the forth coming years.
I wish my students all the best in their future endeavour.

**S.N. Basu**
Advisor Academic & Administration

## From the Desk of Principal

Presently Diploma Engineering Education is changing continuously with the changes in global demand. To accordant with these changes, Technique Polytechnic Institute, Hooghly completed 14 years of its journey in the field of Technical Education & Training and skill development. We are all very proud that five courses of this institute have again been accredited by the NBA. We are very proud to announce that from the academic year 2021 – 22, we have started two new courses, one for Electrical Engineering in Regional Language (Bengali) and other for Cyber Forensics and Information Security. Among this TPI is the first Polytechnic in India and also the first technical institute in West Bengal who started Engineering course in Regional Languages. We feel proud of the qualified, experienced faculty members to train up the students to fit in the ever-changing Engineering in Regional Languages scenario of the industrial environment. Modern 'Teaching Aids' (both audio and video), Smart classrooms, modern laboratory duly equipped with state of the art equipment and facilities have been set up to ensure the effective learning-teaching environment. Our campus is Wi-Fi enabled. Implementation of ICT (Information Communication Technology) Laboratory provides digital access to students and teachers for improved academic performance. It gives exposure to the students to learn the subject/lab using the Internet /Self-learning practice tools. We have an excellent library equipped with latest books and journals. Additionally, we have a seminar hall and well-equipped conference hall for conducting conference, workshops, important events, invited lectures by eminent persons from industries and academia (including Alumni meet).

In the current pandemic situation, we have not stopped teaching for our students. All the teachers have continued the study through online method. Various study base laboratory experiments have been uploaded on YouTube. In the present situation, E-library has been introduced to alleviate all the difficulties of students regarding books.

The project works and industrial training of our students are decided with a view to enhancing their placement prospects. Career Development Training (CDT) classes are conducted to improve the skill sets of students to enable them to be competitive. We extend personal care to all students throughout the course of studies with us through the well designed mentoring process. Our institute is wide, unshut and wipe full of greenery yonder from industrial noise/fumes and environmentally spanking-new for pursuing work and sports activities. We have hostel facilities for both boys and girls separately. Anti–Ragging measures/initiative are put in place well surpassing the prelude of the session in order to ensure that fresher's move in campus freely and confidently. In addition, Anti-Ragging squad has been continuously visiting critical places frequently and carry out surprise checks vulnerable places such as campus corridors, hostels, common rooms, and cafeteria.

Every year induction programme and bridge programme has been organized for 1st year and 2nd year (lateral entry) students respectively before the commencement of their full-fledged classes, which increases interest and enthusiasm regarding technical education among the students. We insist that student's conduct practical session themselves under the strict supervision of faculty members. The students will be encouraged to participate in both academic and cultural events like quiz, essay writing competition, college fest (Abahoni), etc. Industrial visits are arranged for the students in a different industry, construction site, and substations. Eminent experts are invited from both industry and academia for interaction with the students on the latest development and trends. We are committed to getting ready our students for facing confidently, the challenges of future posed by world some in terms of technological, social and economic changes. Our Vision (2022) is to make our institute a centre of excellence through high-quality learning-teaching and other academic activities.

I wish you all a bright and challenging career!!

**Sri Avijit Karmakar**
Principal

# Our Vision

To be a premier Institute in pursuit of excellence in technical education and skill development committed to serve the society

# Our Mission

✓ To promote excellence in learning, teaching and technology transfer
✓ To improve the quality of skilled workforce through
a structured programme and professional skills training
✓ To inspire students to learn and facilitate their overall development with social orientation and values

# Quality Policy

We shall be committed to imparting quality education, skill development to ensure quality enhancement through a process of continuous improvement, based on identification of gaps in the relevant areas.

# Core Value

Consistency, Commitment, Integrity & Honesty, Transparency, Teamwork, Discipline, Empathy, Mutual respect

# What makes TPI different

- ✓ Arranging Guest Lectures by Eminent experts from industry
- ✓ Organizing Workshops/ Seminars/Webinars, Guest Lectures to the students regularly
- ✓ Providing special training to advanced learners for taking part in various National level technical Competitions
- ✓ Remedial Classes are arranged specially for weak students after Institution hours
- ✓ Training & Placement Cell conducts in-house training on Aptitude Test, Soft skill and Mock Interviews
- ✓ Arranging Alumni Interactions with students regularly.
- ✓ Earn While You Learn'- senior students are engaged in teaching the junior hostel students provides opportunities to the students to earn while learning to meet their expenses
- ✓ In-house faculty development programmes conducted regularly for benefit of faculty, in addition to being deputed to universities in India and abroad
- ✓ Community services like Free coaching classes for Madhyamik Pariksha Prostuti , JEXPO and JELET (for higher study); Computer training to the primary level local students
- ✓ Social commitment reflected in scholarships and tuition fee waiver schemes for academically brilliant, economically backward students.
- ✓ Excellent academic track record of students in Council examinations (Few students are State level rank holders )



# Our Approach towards Students' Mentoring

Mentoring services takes a flexible, individualized approach to address each student's needs. The mission of mentoring process is to support the academic, emotional, social and cultural development of the students. We help students address personal challenges and develop the skills abilities and knowledge to empower them to take full advantage of their college experience. We value an atmosphere that is welcoming for all individuals.

# Academic Programs

| Full-time Diploma in Engineering & Technology Courses (Three Years) | | | | | |
|---|---|---|---|---|---|
| Sl No | Program | Total Approved Intake | To Admit in 1st Year Classes | To Admit in 1st Year Under TFW* | Through #Lateral Entry in 2nd Year Classes |
| 1 | Civil Engineering | 90 | 90 | 5 | 9 |
| 2 | Mechanical Engineering | 60 | 60 | 3 | 6 |
| 3 | Electrical Engineering | 60 | 60 | 3 | 6 |
| 4 | Electronics & Telecommunication Engineering | 60 | 60 | 3 | 6 |
| 5 | Computer Science & Technology | 60 | 60 | 3 | 6 |
| 6 | Survey Engineering | 30 | 30 | 2 | 3 |
| 7 | Cyber Forensics & Information Security | 30 | 30 | 2 | 3 |
| 8 | Electrical Engineering (Regional Language-Bengali) | 60 | 60 | 3 | 6 |
| | Total | 450 | 450 | 24 | 45 |
| Four Years Diploma in Engineering & Technology Course (Evening) | | | | | |
| 1 | Electrical Engineering : Total Approved Intake - 30 | | | | |

*TFW: Admission under "Tuition Fees Waiver" Scheme #VOCLET: Through Lateral Entry

# PROGRAM OUTCOMES (POs)

1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

2. Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

3. Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

4. Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

6. Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

7. Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.
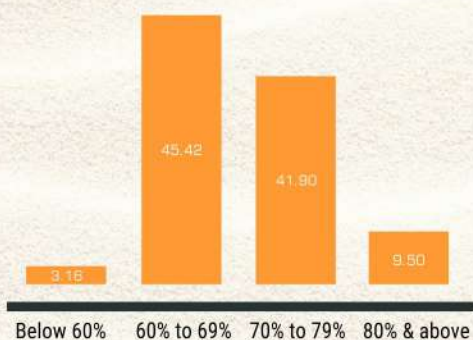
# Students Performance and Achievements

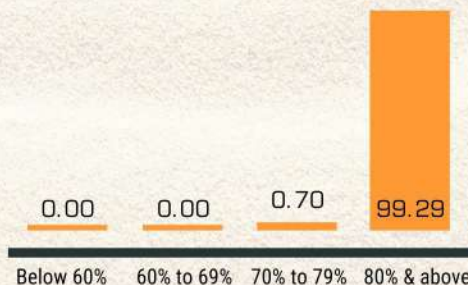## HIGHEST % OF MARKS SCORED
### (CHART SHOWS OVERALL % OF MARKS)

| Department | Passed in 2017 | Passed in 2018 | Passed in 2019 | Passed in 2020 | Passed in 2021 |
|------------|----------------|----------------|----------------|----------------|----------------|
| DCE | 90.1 | 89.9 | 90.3 | 93.4 | 93.9 |
| DME | 86.6 | 88.0 | 84.2 | 86.3 | 87.3 |
| DEE | 89.0 | 87.6 | 88.5 | 92.3 | 89.3 |
| DECTE | 85.1 | 88.4 | 88.1 | 86.1 | 90.5 |
| DCST | 86.6 | 86.6 | 83.8 | 89.6 | 88.3 |
| DSE | 89.1 | 86.5 | 88.8 | 90.9 | 92.3 |

## IMPROVEMENT IN ACADEMIC PERFORMANCE OF THE STUDENTS
### (ADMITTED IN 2018-19 AND COMPLETED COURSE IN 2020-21)

### 1ST SEMESTER RESULT IN SESSION 2018-19

Below 60% — 3.16
60% to 69% — 45.42
70% to 79% — 41.90
80% & above — 9.50





### 6th Semester (Final Semester) Result in session 2020-21

Below 60% — 0.00
60% to 69% — 0.00
70% to 79% — 0.70
80% & above — 99.29

# Achievements

✓ NBA ACCREDITATION

The National Board of Accreditation, New Delhi has accorded further accreditation for 3 years which valid up to 30th June, 2023 for five Full-time programs (DCE, DETCE, DCST, DME and DEE).

✓ ISTE BEST CHAPTER AWARD TO THE INSTITUTE

The ISTE has awarded "BEST CHAPTER AWARD-2018" considering the overall leadership and quantum of activities amongst the chapters in West Bengal section on its 48th National Convention held at Visvesvaraya Technological University, Belagavi from 19th- 20th March, 2019.

✓ ISTE BEST STUDENTS CHAPTER AWARD TO THE INSTITUTE

The ISTE has awarded "BEST STUDENT CHAPTERAWARD-2018" to this institute during its 21st ISTE Students National Convention, considering the overall leadership and quantum of activities conducted during the year amongst the student chapter West Bengal Section.

✓ STATE LEVEL TOPPER AWARDS OBTAINED BY TWO STUDENTS OF THIS INSTITUTE IN 2018-19 SESSION IN THE ANNUAL PRIZE DISTRIBUTION CEREMONY-2019

SRI AMIT KUMAR PAUL, Survey Engineering holds First Position

SRI SUMAN MITRA, Survey Engineering holds Second Position

✓ STATE LEVEL AND INSTITUTE LEVEL TOPPER AWARDS OBTAINED BY TWO STUDENTS IN 2014-15 SESSION IN THE PROGRAMME OF UTKARHSA BANGLA-2016

SRI ALIP BISWAS FROM DCE AND SMT. DEBARATHI SAHA FROM DCST

✓ SRI SAYAK KHANRA OF DEE (PART-I,SEM-III) WAS AWARDED THIRD POSITION AT NATIONAL LEVEL COMPETITION IN "SRINIVASA RAMANUJAN MATHEMATICS COMPETITION, 2015-16", ORGANISED BY ISTE

✓ SRI MANISH VISHWAKARMA, DETCE, 3RD YEAR

SRI ADITYA KUMAR CHOWDHURY, DEE 3RD YEAR

SRI UTTAM KUMAR, DEE 3RD YEAR

Secured 1st position in the event of LIFT-OFF at national students' Space Challenge-2017 held at IIT Kharagpur from 1st September to 3rd September, 2017.

✓ SRI SOURAV GHOSH, DETCE,3RD YEAR

The student won 1st prize in the inter college Model Exhibition on "Automatic Metro Gate" which organised by the Alumni Association of Hooghly Institute of Technology from 18th Jan-20th Jan, 2018.

✓ MS. BIJYONI BASAK, DETC,PASSED IN 2017

Won 2nd position in State Level Kanyashree girls poster competition-2017 held on 25th July, 2017

✓ SRI ABHISHEK KUMAR RAI & SRI CHIRANJIT ADHIKARY

Won 1st prize in model competition on "CNC PLOTTER"

✓ MS. SANGITA BISWAS & SRI SOURAV PAUL

Won the 2nd prize in model competition on "ALOCOHOL SENSING & AUTOMATIC ENGINE LOCKING SYSTEM" in the programme of 9th Inter University Engineering, Science & Technology Academic Meet 2018 & Innovative Model Competition for a sustainable society held on 25th March, 2019 and organised by FOSET, KOLKATA

# Admission Policy

**A. Eligibility Criteria for Admission in 1st year:**

**Citizenship:** Candidate must be an Indian Citizen

**Age:** Candidate should not be born after 01.07.2007 for this year.

**Qualification:** Candidate must have passed the Secondary (Madhyamik) Examination of the West Bengal Board of Secondary Education or its equivalent examination with English, Mathematics and Physical Science / Science /Science & Technology among others as subjects securing at least 35% marks (no rounding up) in aggregate as per AICTE norms excluding the marks of the subject taken as additional/optional. Candidates appearing in the Secondary (Madhyamik) Examination of the West Bengal Board of Secondary Education or its equivalent examination in 2022 with English, Mathematics and Physical Science/Science among others as subjects may also apply. However, conforming to the benchmark of 35% marks (no rounding up as per AICTE norms) in aggregate excluding the marks of the subject taken as additional/optional is a must, failing which candidature is liable to be cancelled even after selection in JEXPO-2022.

**i)** Through Counseling Quota (75% of Approved Intake)

Students will be allotted by WBSCTVESD according to counseling on the basis of Rank of entrance examination for Polytechnics (JEXPO-2022).

**Subject Examined:** Mathematics, Physics, Chemistry, English & Aptitude (Total Marks: 100 marks)

**ii)** Through Management Quota (Direct admission) (25% of Approved Intake)

Step-1: Seats will be allotted through counseling according to the TAT-2022 merit list (must have valid JEXPO-2022 Rank of respective year)

**Step-2:** The vacant seats (if any, after counseling of TAT-2022 merit listed candidates), will be filled by Spot-counseling as follows:

According to the Merit List-1: Prepared with respect to JEXPO-2022 valid Rank of respective year (Among the candidates who enrolled their names by filling up Pre-Admission Enrolment form available in www.techniqueedu.com or TPI enquiry counter)

According to Merit List-2: Prepared with respect to total marks in Physical Science & Mathematics taken together (at least 90 marks) in 10th standard

**B. Eligibility Criteria for Admission in 2nd year:**

**Citizenship:** Candidate must be an Indian Citizen

**Age:** There is no age limit.

**Qualification:** Must have passed / appeared* the (10+2) Examination of the West Bengal State Council of Technical & Vocational Education and Skill Development (Vocational Education Division) [erstwhile, West Bengal State Council of Vocational Education & Training].ORPassed 2 years' ITI at a stretch after Madhyamik or equivalent examination passed. Appeared ITI candidates are not eligible for VOCLET-2022. ITI trades must be of continuous 2 years duration and the single certificate should mention the duration of the ITI course.OR Passed / appeared* 10+2 examination with Physics and Chemistry as compulsory subjects along with Mathematics or Biology subject from recognized Board / Council / Institute. OR Passed / appeared* 10+2 (Science) with Mathematics as one of the subject from recognized Board / Council / Institute OR Passed / appeared* 10+2 (Science) with Technical Vocational Subjects from recognized Board / Council / Institute (including CSS for VHSE)

**[* Subject to submission of pass certificate / marksheet at the time of admission]**

Through VOCLET Counseling Quota (10% of Approved Intake*):

Students are sent by WBSCTVESD according to counseling on the basis of entrance examinations for polytechnic (VOCLET-2022)

**Subject Examined:** Mathematics, Physics, Chemistry, English and Aptitude (Total Marks: 100)

**C. Eligibility Criteria for 4 year Diploma in Electrical Engineering**

Application for admission are invited as per the notification of the council (WBSCTVESD)

**Eligibility:** Passed 10th standard/SSC Examination and 2 years ITI after 10th or passed 10th standard/SSC examination and minimum of two years full time work experience in a registered Firm/Company/Industry/Educational and Government/Autonomous organisation in the relevant field

**Age:** There is no age limit

*10% of the "Approved Intake" which shall be over and above, supernumerary to the "Approved Intake", plus the unfilled vacancies of the First year as specified in the Approval Process Handbook of AICTE.

# Fees Structure 2022-2023

**FOR ADMISSION IN 1ST YEAR**

| Admission Through | At the of admission including 1st Semester fees | 2nd Semester to 6th Semester |
|---|---|---|
| JEXPO Counseling | Rs. 29,266.00 | Rs. 16,000.00 Per Semester |
| Management Quota | Rs. 35,266.00 | Rs.22,000.00 Per Semester |
| TFW Quota | Rs. 20,266.00 | Rs. 7,000.00 Per Semester |

**FOR ADMISSION IN 2ND YEAR**

| Admission Through | At the of admission including 3rd Semester fees | 4th Semester to 6th Semester |
|---|---|---|
| VOCLET Counseling | Rs. 29,020.00 | Rs. 16,000.00 Per Semester |

Special Opportunity for Management Quota Candidates: Candidates who have scored 75% or above marks in Aggregate (Without additional and without rounding up) in Madhyamik or Equivalent Examination will get a scholarship of Rs.36,000/- in 3 years (Rs.6000/- per Semester)

i) Time schedule for payment of Semester Fee: June & December (to be deposited as per notification)

ii) Fees for Hostel Occupancy including foods: Rs. 25,800.00 per semester (Rs. 6000/- as Hostel Seat Rent for one semester & Rs. 3300/- per month as Hostel Fooding Charges for 6 month)

iii) Industrial Tour, Visit, Examination, Registration & Training Fees Extra (If any)

**FOR ADMISSION IN 4 YEARS DIPLOMA COURSE**

| Admission Through | At the of admission including 1st month fees | Monthly Fees |
|---|---|---|
| JEXPO Counseling | Rs. 15,700.00 | Rs. 2,700.00 |
| Management Quota | Rs. 16,450.00 | Rs.3,450.00 |

## EXTRA FACILITIES PROVIDED BY THE INSTITUTE FREE OF COST

**1. Career Development Training (CDT):** CDT conducted by the training & placement Department of the institute which helps the students to learn Aptitude test, Reasoning, Group discussion and Mock personal interview to pass the interview session with flying colors.

**2. Free coaching classes:** This programme is conducted by training and placement Department by retaining internal and external experts from different disciplines to increase their skills required for obtaining higher ranks in JELET Examination for admission in B.Tech courses.

**3. Free Tutorial/Remedial Classes:** Conducted by the institute after normal class hours.

**4. Academic Bridge Programme:** Conducted by the institute after normal class hours for students are admitted directly in 2nd year through VOCLET so that they can keep pace with other students.

**5. Students Insurance:** Keeping in view with the overall health, safety and welfare, the institute provides a group insurance policy to all its Existing students (Full Time-Regular)

**NO OTHER EXTRA FEE IS INVOLVED**

# The Campus Infrastructure & Facilities

## THE CAMPUS

Our lush green campus is situated at Panchrokhi, PO:-Sugandhya which is within the immediate vicinity of Hooghly and Bandel railway station of Howrah Bandel main line. It is spreading around 15 bighas of land and beautiful environment comprising the following facilities to be the state of the art of technical education.
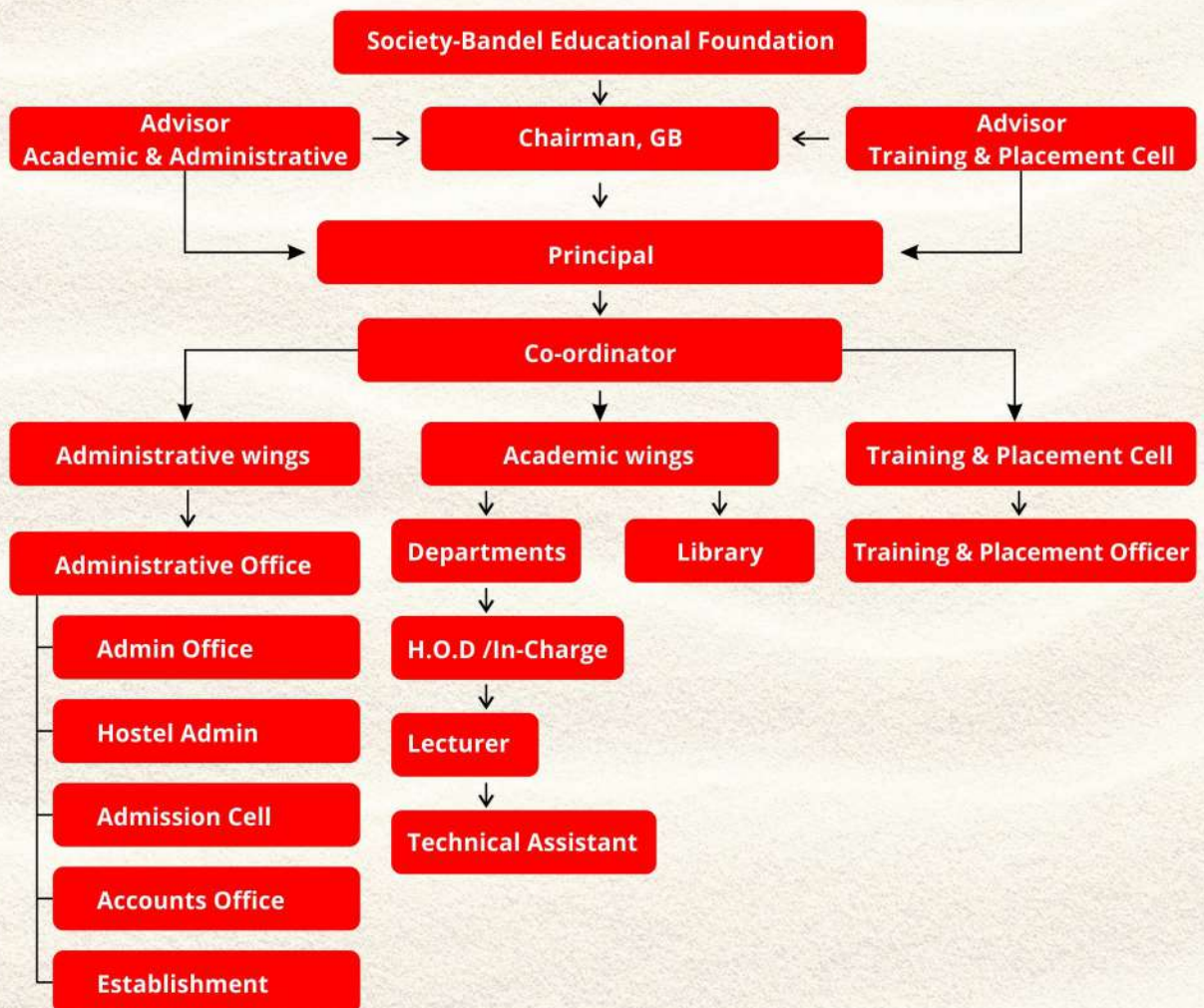
## BUILDING INFRASTRUCTURE

| | Particulars | Number of Room / Room Size |
|---|---|---|
| Academic Building | Class Rooms (including Smart Class Rooms) | 23 Nos. / 67 Sqm each |
| | Enclosure of Laboratories | 35 Nos. / 67-75 Sqm each |
| | Enclosure of Workshop | 295 Sqm |
| | Tutorial Room | 5 Nos. / 45 Sqm each |
| | Library & Reading Room | 318.12 Sqm |
| | Drawing Hall | 2 Nos. / 138 & 169 Sqm |
| | Computer Laboratories (All the computers are connected with Internet through Modern Network) | 7 Nos. |
| | Reprographic Unit | 2 Nos |
| | Seminar Hall | 1 No |
| | Conference Hall | 1 No |
| | Common Rooms (Boys & Girls) | 2 Nos |
| Hostel | For Boys (2 Nos) | Capacity-150 Nos. Boarders |
| | For Girls | Capacity-30 Nos. Boarders |
| Training & Placement Cell | Separate Building for T&P Cell with 187 Sqm of Built up area | |
| Other Facilities | Free wi-fi for Students, Indoor Gymnasium, Medical Care Unit (Campus Clinic), Water purifier for drinking water round the clock in each floor & each building, Cafeteria, Canteen, Students Activity Centre, Guest House, Sick Room, Cycle & Vehicle Stand, Play Ground with Outdoor Games, Indoor Games,  Agricultural / Gardening Activities, Safety provision with Fire Safety License obtained from Govt., Power Back-up | |

**(TOTAL BUILT UP AREA: 11011.7 SQM)**

# Organizational Structure



```
Society-Bandel Educational Foundation
                    ↓
Advisor                                      Advisor
Academic & Administrative  →  Chairman, GB  ←  Training & Placement Cell
                                   ↓
                               Principal
                                   ↓
                              Co-ordinator
```

**Administrative wings**  |  **Academic wings**  |  **Training & Placement Cell**

**Administrative Office**  |  **Departments**  |  **Library**  |  **Training & Placement Officer**

- Admin Office  |  H.O.D /In-Charge
- Hostel Admin  |  Lecturer
- Admission Cell  |  Technical Assistant
- Accounts Office
- Establishment

# Program-wise details of Laboratories strictly as per WBSCTVESD Curriculum

| | |
|---|---|
| Central Workshop | Electrical Workshop / Electronics Workshop / Fitting Workshop / Carpentry Workshop / Welding Workshop |
| Department of Science & Humanities | Physics Laboratory / Chemistry Laboratory / Language Laboratory with ODLL (Orell Digital Language Lab) |
| Civil Engineering | Construction material Lab/Mechanics of Material Lab/ Concrete Technology / Transportation Engineering Lab / Geotechnical Engineering Lab / Hydraulics Lab / Public Health Engineering Lab |
| Survey Engineering | Computer Lab (Survey Software and CAD) / Geo-informatics & Surveying Instruments (Field Survey Practice-I / II / III, GIS & GPS Applications) |
| Department of Mechanical Engineering | Mechanical Engineering Drawing Practice/ Material Testing Lab/ Manufacturing Process-I Practice / Computer Aided Machine Drawing Practice / Tool engineering Lab/ Mechatronics Lab / Thermal Engineering / Engineering Metrology / Mechanical Measurement Lab / Automobile Engineering / Fluid Machines & Machinery / Advanced Manufacturing Process |
| Electrical Engineering And Electrical Engineering (Regional Language-Bengali) | Electrical Machine / Transmission & Distribution / Measuring Instruments / Measurement & Control / Microprocessor & Microcontroller / Illumination Engineering / Basic Electronics / Circuit and Network / Computer Aided Electrical Drawing / Power Electronics and Drive / Switchgear & Protection/ Analog & Digital Electronics Lab /Introduction to Electric Generation System Lab. |
| Electronics & Telecommunication Engineering | Network Analysis / Analog Electronics / Digital Electronics / Microprocessor / Consumer Electronics / Communication Engineering / Industrial Electronics / Electronics Measurement / Microcontroller & Embedded System / PCB / Computer Programming Language / IOT Lab /Control System and PLC / computer Network |
| Computer Science & Technology | C Programming / DATA Structure / OBJECT Oriented Programming / Computer Network / Relational Database Management Systems / Operating System / Scripting Language (Python) / WEB Technologies |
| Cyber Forensics & Information Security | C Programming / DATA Structure/ Operating system/ Data Communication & Networking /Programming in Python/ DBMS Lab / Cyber Security Lab |
| Central Library | Information & Communication Engineering Lab. |

# Library Facilities

The central Library is managed by KOHA Library Information Management System with web-based interfaces for staff-client and OPAC (Online Public Access Catalogue). Students can search books through OPAC and they can download and view digital contents like e-books, CD/DVD materials etc. which gives them a flavor of digital Library.

KOHA is implemented and maintained by our Department of Computer Science & Technology to promote the use of Open-Source Software in Institution.

## Number of library books / Tittles / Journal available (Department-wise)

| Course / Programme | Books | Tittles | Journal | E-books |
|---|---|---|---|---|
| Civil Engineering | 3876 | 404 | 10 | 44 |
| Computer Sc. & Technology | 2564 | 242 | 16 | 14 |
| Electronics & Telecommunication Engineering | 2118 | 256 | 11 | 35 |
| Electrical Engineering | 1489 | 220 | 10 | 51 |
| Mechanical Engineering | 1510 | 334 | 14 | 80 |
| Science & Humanities | 4500 | 424 | 13 | 56 |
| Total | 16057 | 1880 | 74 | 280 |

## GOVERNING BODY – TPI

| Name of the Members | Designation |
|---|---|
| Shri Tapas Kumar Saha | Chairman – Secretary, BEF |
| Shri Avijit Karmakar | Secretary – Principal, TPI |
| Shri Soumyendranath Basu | Member (Academician) – Advisor-Academic & Administration, TPI |
| Shri Samir Kumar Neogi | Member (Entrepreneur) – President, BEF |
| Shri Manas Chandra Majumder | Member (Entrepreneur) – Treasurer, BEF |
| Smt. Bulbul Banerjee | Member (Entrepreneur),  Vice President, BEF |
| Shri Partha Sarathi Bhattacharya | Member – Co-ordinator, TPI |
| Shri Subhasis Nandi | Member – Chartered Accountant |
| Nominee | Member – WBSCTVESD, Nominated |
| Principal, Hooghly Institute of Technology | Member – State Govt. Nominated |
| Nominee | Member – Industrialist/Educationist/technologist , State Govt. Nominated |
| Nominee | Member – Regional Committee AICTE , Nominated |

# Academic Council
## Formed from the inception of the Institute

| | |
|---|---|
| Chairman | : Shri. Avijit Karmakar (Principal) |
| Patron | : Shri. Partha Sarathi Bhattacharya (Co-ordinator) |
| Secretary | : Smt. Madhurima Santra, Lecturer |
| Assistant Secretary | : Shri. Snehashis Das, Lecturer |

The following committee & Sub-committee are functioning for the interest of Academic & Co-curricular Activities of the Institution w.e.f. 08.02.2022

| Name of the Sub-committee | Convenor | Jt. Convenor |
|---|---|---|
| Examination | Shri. Braja Gopal Dey | Shri. Nityananda Maity |
| Library | Shri. Sudipta Biswas | N.A |
| Cultural | Shri. Abhishek Dey | Shri. Sohan Goswami |
| Sports & Games | Shri. Prabir Kumar Naskar | Shri. Pintu Das |
| Magazine & Newsletter | Smt. Preetha Banarjee | Smt. Soumali Roy |
| Student Welfare | Smt. Anjana Sengupta | Shri. Shibdas Bhattacharya |
| Science & Exhibition | Smt. Antara Banerjee | Smt. Anjana Sengupta |
| Festival | Shri. Suranjan Dhar | Shri. Avijit Karmakar(Advisor) |

## Internal Quality Assurance Cell (IQAC)

With a view to quality enhancement and sustenance, Internal Quality Assurance Cell (IQAC) has been established at Technique Polytechnic Institute from academic year 2014-2015.The IQAC monitors the quality parameters in this institute and ensure the standard of excellence reflected in the vision and mission of the institute are met and sustained. The main objective of IQAC is the development and application of quality benchmarks/parameters for various academic and administrative activities of the institute.

### Composition of IQAC

| | | |
|---|---|---|
| 1. Chairman (Internal) | : | Shri. S.N. Basu, Advisor -Academic & Administration, TPI |
| 2. Secretary (Internal) | : | Shri. Avijit Karmakar, Principal, TPI |
| 3. Advisor (External) | : | Prof. Monoj Das, Former Professor, NITTTR (ER) |

### Other Members (Internal & External)

**1. Shri. Tapas Kumar Saha-Internal**
Secretary, Bandel Education Foundation

**2. Shri. Partha Sarathi Bhattacharya- Internal**
Co-ordinator, TPI

**3. Prof. (Dr.) N.R. Banerjea-External**
Former Vice Chancellor, BESU

**4. Prof. (Dr.) P.K. Banerjee-External**
Former HOD, ETCE, J.U,

**5. Prof. (Dr.) Urmila Kar-External**
Head, Curriculum Development Centre, NITTTR (ER)

**6. Prof. Jaya Sil-External**
Professor, CSE, IIEST

**7. Dr. Bikramjit Balniyogi- External**
Former Chief Engineer, PWD & Former Principal, CIEM, Kolkata

**8. Smt. Madhurima Santra-Internal**
Secretary, Academic Council & Lecturer, TPI

**9. HODs & In-charges-Internal**
All Academic Department, TPI

# Grievance Redressal Committee

**The Institute Governs the following systems for Grievance Redressal**
1. Grievance Redressal Committee (GRC) 2. Internal Complaints Committee (ICC)
3. Anti-Ragging Committee (ARC) 4. Women's Task Force (WTF)

**Establishment of Online Grievance Redressal Mechanism:**
Online Grievance Redressal Mechanism has been established and the Portal for Online Grievance Redressal has been launched & active in the Institute website www.techniqueedu.com as per the guideline of AICTE
(Ref. this office Memo No-TPI/Admin-Notification (01)/138/2020, 10/02/2020)

**Establishment of Online Grievance Redressal Committee (GRC) in the Institution and Appointment of OMBUDSMAN by the University:**
GRC has been established on 1st September, 2014, vide Order No-TPI/147/341(1)/2014) and as per the AICTE (Establishment of Mechanism for Grievance Redressal) Regulation, 2012 vide Notification No. – F.37/Legal/2012 dated 25.05.2012, our Institute had established a "Grievance Redressal Committee' on 1st September, 2014 and reconstituted on 13th June,2016 and 09th January,2020 again on 31st December,2020 (Ref. this office Memo No-TPI/Admin-(SGRC)-147/655/2020, 31/12/2020).

**List of Members of Grievance Redressal Cell:**
Chairperson: Shri. Avijit Karmakar, Principal, Technique Polytechnic Institute
Member (Female Faculty): Smt. Madhurima Santra, Lecturer
Member (Male Faculty, OBC-B Category): Shri. Sujit Kumar Garai, Lecturer
Member (Male Faculty, SC Category): Shri. Rabi Das, Lecturer
Students Member: Shri. Sayantan De, (DEE, Part-II)

Appointment of OMBUDSMAN by the University: Dr. Sekhar Chakraborty, Retired Professor of NITTTR, Kolkata has been engaged as OMBUDSMAN
(Ref. Memo No. WBSCTVESD/TED/I/ 2019-20/0580, dated 06/06/2019)

# R & D Activities

The Institute has its own Research & Development Cell dedicated to research, design, development and consultancy in the field of Engineering & Technology.

In-Charge: Shri. Shibdas Bhattacharya
Lecturer, Department of Computer Science & Technology

The R&D Cell motivates the faculty members and students to carry out research work in areas of their interest, generates project proposals to seek grants from various funding agencies, establish 'Centers of Excellence' in the institute.
The primary role of R&D cell is to facilitate strengthening of the institute's research capability, proactively promote basic research and monitor quality of research work done.

**Some Activities of R&D Cell**
1. Industry institute interaction
2. Entrepreneurship Development
3. Research publications
4. Externally funded R & D projects and consultancy
5. Interactions of faculty members with outside world
6. Faculty Development Programme
7. Professional activities and relationship with professional bodies i.e. Institution of engineers, ISTE, IET, Etc.
8. Arrangement of expert lectures from industries and Universities.

# Centres for Staff Development Programme

Centres for Staff Development Programme has been established with a view to develop the academic and related fields.

Overall in-charge of the programme       : Principal (Ex-Officio)
Chief Programme Co-ordinator              : Shri. Shibdas Bhattacharya, Lecturer

**Objective of Staff Development Programme**
i. To Co-ordinate and organise various orientation/faculty development programmes.
ii. To arrange workshops, seminars and conference by identifying the recent emerging trends in Academics and related fields.
iii. To expose the faculty members to the recent novel teaching methodologies and approaches.
iv. To arrange computer training programmes for the staff members.
v. To promote the teaching and research skills of the staff members.
vi. To keep a regular monitoring on progress of staff development and appraisal system.

# Membership of Professional Bodies

## ISTE (INDIAN SOCIETY FOR TECHNICAL EDUCATION)

- ✓ A Nationally acclaimed professional body has been working with us since 2012 when we took institutional membership. They  are helping us portraying the skill and talent of our students at national level
- ✓ Faculty chapter has been opened in 2012
- ✓ The students chapter is opened in 2014
- ✓ ISTE institutional Membership ID:1653
- ✓ ISTE Faculty Chapter ID:WB011
- ✓ ISTE Students Chapter ID: WB-10

**Designation & Members:**

Chairman of the chapter  : Shri. Avijit Karmakar

Secretary cum Treasures  : Smt. Madhurima Santra

Faculty Adviser               : Shri. Sibasis Bandyopadhyay

**Total No. of Faculty Members Having Life Membership: 26**

# Activities of ISTE Students/Faculty Chapter Conducted at the Institute during 2021-22 Sessions

| SL NO. | DATE | NAME OF THE ACTIVITY | ORGANISED BY |
|---|---|---|---|
| 1 | 5th June'2021 | Webinar on "Social Issue of Food Wastage and its Solution" | ISTE Student Chapter & Student Welfare Sub-committee |
| 2 | 20th & 21st June'2021 | International Yoga Day ,2021 Programme (online mode) | ISTE Student Chapter & Games & Sports Sub-committee |
| 3 | 26th June 2021 | Webinar on "Internet of Things (IoT)" | ISTE Student Chapter & ETCE Dept. |
| 4 | 17th Sept'2021 | Science Exhibition | ISTE Student Chapter & Science Exhibition Sub-committee |
| 5 | 6th Dec'2021 to 8th Dec'2021 | Seminar on "Job Aspect in IT Landscape" | ISTE Student Chapter |



# Students Rules & Regulations

## ATTENDANCE

i. WBSCTVESD regulations in the matter of attendance will be strictly enforced. The students are required to co-operate with the College authorities in the matter and in all other activities aimed at their welfare. No relaxation or concession will be extended by the management.

ii. Students who are absent on medical grounds should produce a valid Medical Certificate along with an endorsement letter from parent/guardian while reporting to the institute after recovery.

iii. A student who is continuously absent on 30 days without a valid reason will be removed from roll automatically.

Note: Parents/guardians are advised to encourage their wards to remain present in the Institute during the academic session.

## FEES

i. Tuition fees and other fees should be paid on or before the stipulated date on failing a fine will be imposed/ will have to take Re-Admission on payment of Re- Admission fees.

ii. Semester fee again to be deposited along with Re-Admission fees by the students as per the rate of current Academic session in which he/she is going to be Re-Admitted.

# GENERAL RULES & REGULATION

The institute expects the students to do serious and sustained work and to make use of the facilities offered for their overall development. The institute expects parents or guardians to co-operate with institute authorities in education of their ward. They should follow the students' progress in studies and his/her general conduct. The parent should meet the Principal, Departmental in –charges and concern teachers periodically or whenever called for

i. The institute reserves the right of admission. In matters of admission, academic programmes, extra-curricular and co-curricular activities and students discipline, the discipline, the decision of the management shall be final and binding on all parties concerned.

ii. Admission is subject to verification of Mark sheet, Certificate and other documents by the WBSCTVESD. If the documents are found to be false or if any discrepancy is found in any of the record submitted, admission will be cancelled and criminal action will also be taken.

iii. At the discretion of management, admission may be declined or cancelled at anytime during course if warranted by non-performance or on grounds or serious disciplinary matters.

iv. All admissions are made provisionally and are subjects to approval of WBSCTVESD

v. Indulgence in activities of Associations based on Caste, Colour, Creed, Language, Nationality or Political ideology will not be permitted within the institution premises or in the hostels

vi. The management reserves the right to expel any student on ground of serious irregularity of attendance, insubordination, malpractice in examinations or any other act of indiscipline or misconduct. The decision of college authority in this regards shall be final.

vii. If any student/candidate apply for cancellation of admission after the closure of admission process, the institute will not be liable to refund any fee.

viii. The management reserves the right to increase the fees towards any course of study at the beginning of the subsequent academic year of a course, if necessary.

ix. Students shall not loiter about in the institute premises when the classes are in progress.

x. Ragging in any form is serious offense as provided in west Bengal Prohibition of Ragging in Educational Institutions Act.2000 (W.B. Act. XIII of 2000) which inter alia, contained the following provisions (for details, 'The Calcutta Gazette', Extraordinary published by Authority, on Monday, 29th May, 2000 may be seen) and those involving in it will be summarily dismissed as per Acts and laws of the land. The cause of expulsion will be entered in their Transfer Certificate.

xi. Strict discipline will be maintained in the institute campus. Non-compliance with rules & regulations of the Institute will be severely dealt with by appropriate disciplinary action.

xii. Students must take part in inter-college competitions, TV/Radio programmes, only after getting the prior permission from the principal.

xiii. Dress code is strictly maintained during institute hours. Students should not wear T-shirts, and jeans, dress with Photo prints and unwanted slogans.

xiv. All students must possess and expose their identity cards in the college campus, in case loss of I-Card student can take special permission for 3 days from the Principal for entering institution premises. Thereafter duplicate I-Card must be obtained on payment of Rs. 100.00

xv. During their class hour's students are not to be allowed to visit Office, Library, Principal & In-charge of the departments.

xvi. Perfect silence must be maintained during class hours.

xvii. No meeting shall be held in the institute premises without the permission of Principal.

xviii. Writing on walls, furniture, drawing tables and toilets is strictly prohibited. Students must handle institute property with care.

xix. Representation from the students to the principal should be done through respective departmental In-charge.

xx. Students should use proper colour of dustbin (Green, Blue) for throwing unwanted materials.

xxi. All sessional work must be completed within class. After completion of each experiment/job/ assignment, students must submit lab manual/drawing sheets in the next class.

xxii. Any change in Telephone number/contact numbers and address must be informed immediately to the Administrative Office of the institute.

xxiii. Students are advised to follow the institute Notice Board regularly.
xxiv. Entertaining outsiders by the students in the institution premises during institution hours is not permitted.
xxv. Students will not be permitted to loiter in the institution on Holidays, unless they have been specially cancelled.
xxvi. Violation of any of the above rules will attract disciplinary action.
xxvii. For the changes of contact number (s), postal address, a candidate must intimate the institution immediately with proper documents (As applicable).

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# Student Code of Conduct

**ALL STUDENTS STUDYING AT TPI MUST ABIDE BY**
**THE STUDENT "CODE OF CONDUCT" AT ALL TIME PRESCRIBE BY THE TPI MANAGEMENT**

As part of the total discipline at the campus, dress code has been prescribed for all students. All students should wear the prescribed uniform within a fortnight from the day of commencement of the programme. After this date, students who are not in prescribed uniform and are not properly groomed in their appearance will not be permitted to sit in the class.

The following constitutes conduct as prescribe by the TPI Management. Violation of any by a student will call for disciplinary action (the decision of disciplinary committee shall be final)

1. Obstruction or disrupting teaching, administration, disciplinary procedures or other institutional activities.
2. Possession or use of explosive, dangerous chemicals or others dangerous weapons.
3. Detention or physical abuse of any person or conduct which is intended to threaten imminent physical harm or endanger the health of any person.
4. Malicious damage, misuse or theft of institute property.
5. Illegal use, possession or distribution of drugs or alcohol.
6. Academic misconduct
7. Furnishing false or misleading information to the institute
8. Forgery, alteration or unauthorised use of Institute documents, records, identification or resources.
9. Behaviour that constitutes a possible threat to the health or safety of others.
10. Sexual harassment.
11. Prohibition of Smoking.
12. Failure of comply with institute official's requests on academic matters.
13. Violation of rules & Regulation of the institute & Hostels.

✓ Show the respects others
✓ Develop your professional knowledge and competence
✓ Be honest and trustworthy
✓ Take responsibility

# About Accreditation of the Programmes

We are proud to announce that TPI is one and only Polytechnic Institute in West Bengal where the following programmes are accredited by National Board of Accreditation (NBA).
1) Electronics & Telecommunication Engineering 2) Mechanical Engineering 3) Electrical Engineering 4) Mechanical Engineering 5) Computer Science & Technology (upto 30.06.2023).

## About NBA

The National Board of Accreditation (NBA), India was initially established by AICTE (All India Council of Technical Education) under section 10 (u) of AICTE act, in the year 1994, for the periodic evaluations of technical institution & programmes according to specified norms and standards as recommended by AICTE council.

NBA came into existence as an autonomous body with effect from 7th January 2010, with the objective of assurance of Quality and Relevance of education, especially of the programmes in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hospitality, through the mechanism of accreditation of programs offered by technical institutions.

NBA has introduced a new process, parameters and criteria for accreditation. These are in the line with the best international practices and oriented to assess the outcomes of the programmes run by the institute. Accreditation Means Internal Recognition & Guarantee of Quality Education in an Educational Institute.

### After NBA accreditation, Institution will

✓ be able to identify its programme with excellence in Technical Education
✓ be able of conformity to good  practices and bench marks of global requirements
✓ be able to rate its programmes on a national platform to attract better student intake
✓ be able to appraise itself of its own facilities, faculty vis-a`-vis-performance
✓ be a satisfied education provider of Human Capital to global employers.

**We have been working sincerely over the last few years to achieve this milestone and have seen a notable change in the structure and success of our methods.**
**We would like to give special thanks to all the Faculty and Staff Members, students of this institute and convey our sincere thanks to all the stakeholders for their sincere co-operation in achieving this Quality Standard.**

### Accreditation of the Institutional programmes by NBA is based on

✓ Availability of potential for sustaining and improving upon assessment criteria
✓ International Recognition and guarantee of Global recognized Quality Education
✓ Demonstrated capability of the institution and programme to adhere to the qualitative criteria of Accreditation Through Assessment of complete institutional infrastructure, facilities, faculties, laboratories, hostel facilities, canteen, guest house, medical and other academic as well as cultural & social activities by peer group of learned NBA experts through a visit to the institution and making relevant recommendations to the NBA.

### Benefits for students

Students studying in NBA accredited institutions can be assured that they will receive education which is balance between high academic quality and professional relevance and that the needs of the corporate world are integrated into programmes, activities and process. It is signifies that he has entered the portals of an institution, which has the essential and desirable features of quality professional education.

**File No. 36-38-2013-NBA**

**Date: 06-03-2020**

To

**The Principal**
**Technique Polytechnic**
**Institute, Village–Panchrokhi,**
**Post Office – Sugandhya,**
**District – Hooghly, Pin – 712102, West Bengal**

**Subject: Further accreditation status on the basis of Compliance Report of the Diploma programs offered by Technique Polytechnic Institute, Village–Panchrokhi, Post Office – Sugandhya, District – Hooghly, Pin – 712102, West Bengal.**

Sir,

This is regarding Compliance Report submitted by **Technique Polytechnic Institute, Village–Panchrokhi, Post Office – Sugandhya, District – Hooghly, Pin – 712102, West Bengal** for the Diploma Engineering programs which were accredited by NBA for academic years 2017-18 to 2019-20 whose validity is expiring on 30.06.2020.

2. An Expert Team conducted data verification of the programs on 15th **February, 2020.** The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:
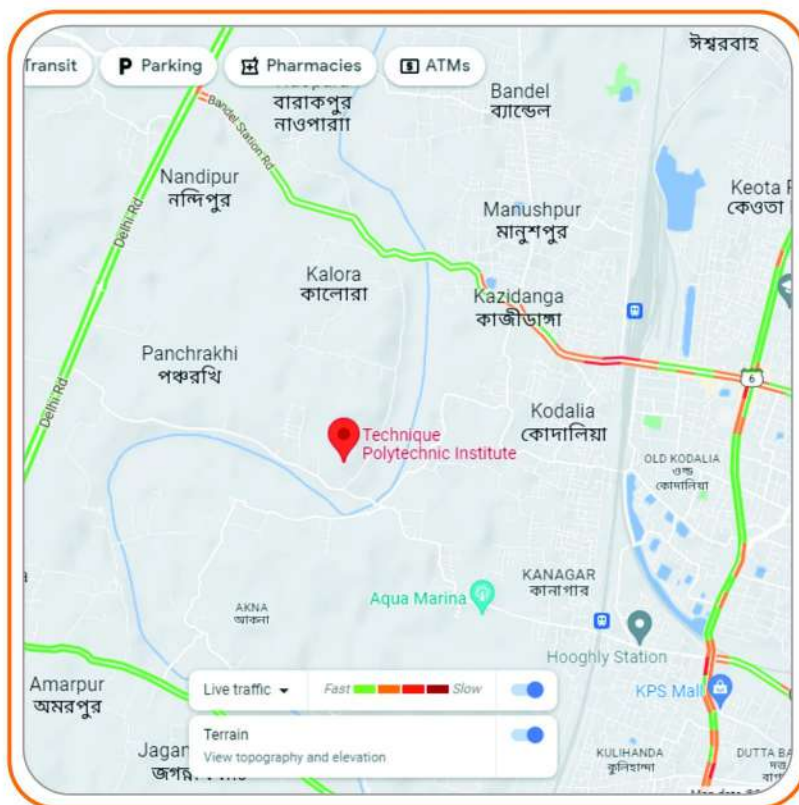
| Sl. No. | Name of the Program(s) (Diploma) | Basis of Evaluation | Accreditation Status | Period of validity | Remarks |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. | Civil Engineering | | Accredited | | |
| 2. | Electronics and Telecommunication Engineering | January, 2019 Document | Accredited | Academic Years 2020-2021 to 2022-2023 i.e. upto 30-06-2023 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier. |
| 3. | Computer Science and Technology | | Accredited | | |
| 4. | Mechanical Engineering | | Accredited | | |
| 5. | Electrical Engineering | | Accredited | | |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Technique Polytechnic Institute, Village–Panchrokhi, Post Office – Sugandhya, District – Hooghly, Pin – 712102, West Bengal** as a whole. As such the Institution **should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Campus
Location
◄ Map

# Technique Polytechnic Institute

(West Side of Hooghly Rly. Station of Howrah - Bandel Main Line)

Contact : (033) 2686-3682, +91 98304 82096, +91 96749 82097