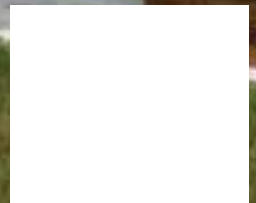




# FCDA

Vivekananda Private ITI  
Unit of Foundry Cluster Development Association



## About Us

Foundry Cluster Development Association (FCDA) was formed by the industry stakeholders, as per directive of Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Govt of India, to implement the Foundry Park project. The Association was incorporated on 29.04.2005 having its registered office at Kolkata, India. The Executive Council also includes two nominees of Government of India. The Foundry Park has all the essential infrastructure and modern facilities including:



### Our Mission

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia



### Our vision

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia



## Vivekananda Private ITI :

Funded by Foundry Cluster Development Association (FCDA), situated at the sprawling picturesque Techno Complex at the Foundry Park (Houli Bagan, Ranihati- Amta Road), VPITI is about to emerge as the pioneer institute in West Bengal to train people in future of these trades such as Fitter, Electrician, Foundrymen, HIS and many similar vocation. The institute would initiate a pioneering effort that would serve the need of human resources of the foundry owners who have planned to established production unit in the Foundry Park, surrounding the institute. VPITI always receives all round support from the Govt of West Bengal, IFA, FCDA for the development of the infrastructure and the campus as well as improvement of Teaching and learning facilities.

## Why Choose Us ?

It Is an institute with modern machineries and equipment, WIFI Campus, Smart AV Classroom , Playground, Indoor Games Area , Computer Lab , Engg Drawing classroom.

It Is a SCVT/NCVT affiliated Institute

100 % Training & Placement Assistance

Passed out students will be eligible to get admission in 2 years polytechnic (Diploma) directly



# Fitter Course

The NCVT-approved ITI Fitter course lasts two years (National Council for Vocational Training). Under the ITI Fitter subject list, candidates will learn about fittings such as pipe fittings, machine fittings, and structure fittings in this course.



## Pipe Fittings

Pipe Fittings are a Piping component that helps in changing the direction of the flow, such as elbows and tees. Changes the size of the pipe, such as reducers, and reducing tees. Connect different components such as couplings and stop the flows such as Caps.

## Machine Fittings

You will install and maintain mechanical, electrical and hydraulic systems and equipment. Your day-to-day tasks may include: installing pipework, valves, pumps and motors, and carrying out planned maintenance.

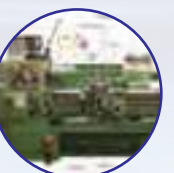


## Structural Fittings

A structural pipe fitting, also known as a slip on pipe fitting, clamp or pipe clamp is used to build structures such as handrails, guardrails, and other types of pipe or tubular structure. They can also be used to build furniture and theatrical riggings.

## Pneumatic & Hydraulic System

Pneumatic and hydraulic systems have many similarities. Both pneumatics and hydraulics are applications of fluid power. They each use a pump as an actuator, are controlled by valves, and use fluids to transmit mechanical energy.



## Lathe

This job title describes a professional who operates lathes and other metal-cutting equipment to create quality metal tools. A lathe is a machine that professionals in the construction or manufacturing industry use to cut and sharpen metal or wood.

## Drill Machine

Operates a variety of drilling machines to bore blast holes to specified depths at stake positions; Conducts daily safety checks and inspections of the equipment before operating; and. Monitors equipment and reports any deficiencies according to proper mine operating procedures. Drills are commonly used in woodworking, metalworking, construction, machine tool fabrication, construction and utility projects.



# Electrician Course

ITI electrician course prepares the students to work on a variety of electrical equipment and do different types of electrical wiring. The course gives exposure to both theoretical and practical knowledge of all household appliances, electrical machines, lighting, wiring, etc. Successful students can apply directly for workman permit (License) from Electrical License office kolkata, West Bengal



## Electrical Wiring

Electrical Wiring is a process of connecting cables and wires to the related devices such as fuse, switches, sockets, lights, fans etc to the main distribution board is a specific structure to the utility pole for continues power supply.

## Armature Winding

Armature winding can be defined as, an electrical machine in which emf can be generated because of the air gap field flux. It must be noted that the air gap is produced because of the DC current flow in the winding. In general, this winding is housed on slots of the stator & the field winding on rotor slots



## Electrical Motor Repairing

Motor repair services disassemble and clean motors, assess them for damage, and then repair or replace parts. Reassembly is also required. Depending on a motor's construction and condition, rewinding may be necessary.

## Household Appliance Repairing

Armature winding can be defined as, an electrical machine in which emf can be generated because of the air gap field flux. It must be noted that the air gap is produced because of the DC current flow in the winding. In general, this winding is housed on slots of the stator & the field winding on rotor slots



## Electrician Safety

Identify safety symbols and hazards preventive measures for electrical accidents & practice steps to be taken, safety methods of fire fighting with Fire Extinguisher, First Aid, Artificial Respiration, PPE, 5S.

## Solar Energy

Solar photovoltaic system connection of solar modules, subsidy for solar panels. cleaning & maintenance of PV Panel





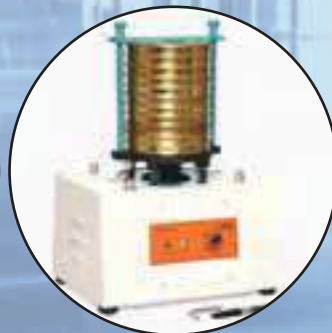
## Foundryman Course

Foundryman is a trade in ITI in which students study sand testing, woodworking, safety precautions, hand tools, unit sand, pit furnace, moulding process, core, gating system, metalworking, induction furnace, such casting process, settling of casting, binders, iron ore, common cast iron, wrought iron, foundry



Machine Molding Machine,  
Induction Furnace

Mold Making Equipment



Sand Testing

### Core Making

Coremakers and related workers in the foundry industry prepare cores that are used in making metal castings. In the founding process, molten metal is poured into a mold that contains a solid central core, usually made of sand or a sand mixture. The metal cools and solidifies.



# Health Sanitary Inspector Course

This course trains students to manage health and sanitation aspects in a variety of organizations and sectors, thus enabling them to safeguard public health and the environment.



## Learning Objectives

- Should have knowledge of food safety and the ability to apply it to establishments such as restaurants.
- Apply the principles of natural and mechanical ventilation, as needed.
- Applying the techniques of sterilization and disinfection of various articles.
- Should be able to survey housing colonies to assess sanitary standards and prescribe corrective measures.
- Should assist in sanitation management at fairs and festivals.
- Should understand communicable diseases and their prevention.
- Should be able to assist in or independently conduct disinfection of areas in a hospital such as wards, operation theatres, labour rooms, etc.
- Conducting programmes on personal hygiene.
- Should be able to conduct visits to various establishments for assessment of cleanliness and hygienic practices and ensure the desirable standards are maintained.





## Course Fee

FEES STRUCTURE FOR THE ACADEMIC SESSION 2024 - FEES STRUCTURE FOR ITI

### Fitter Course Fee

Particulars	Admission Fee Before 01.07.24	Tuition Fee Start 01.08.24	TOTAL
FITTER (Duration 24 Months)	15,500	Rs.1500 x 23 Month = Rs.34,500	<b>50,000</b>

### Electrician Course Fee

Particulars	Admission Fee Before 01.07.24	Tuition Fee Start 01.08.24	TOTAL
Electrician (Duration 24 Months)	15,500	Rs.1500 x 23 Month = Rs.34,500	<b>50,000</b>

### Foundryman Course Fee

Particulars	Admission Fee Before 01.07.24	Tuition Fee Start 01.08.24	TOTAL
FOUNDRYMAN (Duration 12 Months)	8,500	Rs.1500 x 11 Month = Rs.16,500	<b>25,000</b>

### Health Sanitary Inspector Course Fee

Particulars	Admission Fee Before 01.07.24	Tuition Fee Start 01.08.24	TOTAL
Health Sanitary Inspector (Duration 12 Months)	5,500	Rs.1500 x 11 Month = Rs.16,500	<b>22,000</b>

#### Other fees

Hostel (Optional) : Rs.500/- per month (Excluding Fooding Expenses)

Admission Form : Rs.100/-

Caution Money : Rs.1000/- Receivable at the time of Admission and Refundable after end of course.

Library and Identy card : Rs.150/- Receivable at the time of Admission.

Dress Material : Will be intimated after the admission.

Exam Fee extra

Money once paid is neither refundable nor transferable under any circumstances.

#### Documents required for ITI admission

Candidates must submit a photocopy of self-attested age proof. (Admit card of class 10th Exam/ 10th pass certificate/ )

A photocopy of Marksheet of Class 10th Exam/ 12th Exam must be self-attested.

A photocopy of the Aaddhar Card must be self-attested.

Two passport size colour photograph.

Photocopy of SC/ST/OBC certificate

## Our Bank Details

Bank A/c Name	Bank A/c No	Bank Name	Bank IFSC
Vivekananda Private ITI	1146531168	Kotak Mahindra Bank Ltd	KKBK0000323

### Notes

- Candidates admission before 30.06.2024 need not pay any other charges (Excluding Hostel Fee) as mentioned above.
- If any student timely pay his monthly installment then he/she will get Rs.500 discount on his last installment.
- If any student pay his monthly installment through NEFT/UPI then he/she will get Rs.500 discount on his last installment
- If any student fulfill both the above condition then he/she will get Rs.1000 discount on his last installment.
- For Electrician and Fitter Course special discount of Rs.5000 for one time payment.
- For Foundryman and HSI Course special discount of Rs.2500 for one time payment.

### Download Admissions form



### OUR ADDRESS

**Vivekananda Private ITI**  
(Unit of Foundry Cluster  
Development Association)  
Foundry Park, Haulibagan,  
Ranihati - Amta Road,  
Howrah - 711322



### OUR EMAIL

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### OUR PHONE

**+91 80170 00041**