

KARIMPUR GOVERNMENT INDUSTRIAL TRAINING INSTITUTE

Skill
India

ITI

KARIMPUR- I GOVERNMENT ITI OPERATED BY SWADHIN

NCVTAFFILIATED BY NCVT

ESTD: 2022

GR 19000286



Industrial Training Institute



Skill India
@skillindia.gov.in

<https://k1govtiti.in/>

karimpurgovernmentiti@gmail.com

KARIMPUR, NADIA, WEST BENGAL - 741152 +91-9732569041

ABOUT US



The Government Industrial Training Institute in KARIMPUR-I The institution, which is situated in a semi-rural area close to Karimpur, Nadia, focuses on developing an atmosphere that is beneficial to study and technological growth. The students are given specialized training in the departments of fitter, electrician, electronic mechanics, and COPA here. The Karimpur 1 Government ITI is committed to preparing the local workforce to satisfy the needs of expanding industry. Under the auspices of the WBSDM (West Bengal Skill Development Mission), which is headed by the Hon'ble Chief Minister of West Bengal, the West Bengal government is committed to extensive skill development for its young people. the required industrial setups.

Situated in a vast landscape of about 3 acres of verdant land, our building is spacious and constructed as per DGT instructions. The workshops on each floor are well equipped and facilitated with

Industrial Training Institutes and Industrial Training Centers are post-secondary schools in India constituted under Directorate General of Employment & Training (DGET), Ministry of Skill Development and Entrepreneurship, Union Government to provide training in various trades.



SUBHAM MUKHERJEE
PRINCIPAL

I am delighted to welcome you to Karimpur Government ITI, a leading centre for **INDUSTRIAL TRAINING INSTITUTE** in this part of the world. We started our journey in eco friendly atmosphere to full fill the motto of quality Education. Education is must for both men and women equally as both together make a healthy and educated society.

It is an essential tool for getting bright future as well as plays a most important role in development and progress of the country.

There is huge scope to develop this ITI thereby catalyzing the mainstreaming of alienated rural youth by providing them access to productive & decent work through skill development route. I strongly believe that through **SKILL TRAINING** we can convert this ITI into a skill hub of this Nadia District by providing de-novo skilling to fresher, up-skilling to ITI graduates, re-skilling to existing workers with special emphasis to women and disadvantaged section of the society.

As a new joiner, I am highly obliged to serve in **Electrician, Electronic Mechanic Fitter, COPA** of this esteemed institution. Discipline is one of the main motto of our organization. ITI Trainees can work in various specialized area like railway, automotive system, various industry sectors, design engineering, dynamic system and control, power plant engineering, etc. and most importantly in software field also.

The institute has well qualified and experienced faculty members and they are committed to excellence in teaching. Interactive relationship is maintained between students and the staff which enables the students to develop sound foundation. The faculty aims at putting extra ordinary effort towards motivating the students in solving actual industrial problems by undertaking various projects, industrial visits and in-plant training. The Institution is actively associated in grooming the trainees in ITI by nurturing them with inputs from various basic and specialized subjects.

I am personally satisfied to serve this department along with cooperative faculty members and help students to be well skilled trainees in recent **FUTURE**.



- To educate unemployed youth and enable them to build their future.
- To provide opportunities to the trainees
- To enable them to master basic trade skills
- To fulfill the industrial requirements
- To provide short-term free of cost industrial training to local trainees

Is aimed to provide the best-in-class technical knowledge to students by using the most advanced technology and methodology. The vision is to support the industrial sector by preparing students with eligible professional knowledge.



COURSES OFFERED AT KARIMPUR I GOVERNMENT ITI:

ELECTRICIAN

Duration of Training : 2 Years

Eligibility Qualification : Passed 10th class examination under 10+2 System of education with Science and Math's. Or its equivalent



Brief Description of Job Roles:

Electrician General; installs, maintains and repairs electrical machinery equipment and fittings in factories, workshops power house, business and residential premises etc. Studies drawings and other specifications to determine electrical circuit, installation details etc. Positions and installs electrical motors, transformers,

switch-gears. Switchboards and other electrical equipment, fittings and lighting fixtures. Makes connections and solders terminals. Tests electrical installations and equipment and locates faults using megger, test lamps etc. Repairs or replaces defective wiring, burnt out fuses and defective parts and keeps fittings and fixtures in working order. May do armature winding, draw wires and cables and do simple cable jointing. May operate, attend and maintain electrical motors, pumps etc.

Electrical Fitter; fits and assembles electrical machinery and equipment such as motors, transformers, generators, switch-gears, fans etc., Studies drawings and wiring diagrams of fittings, wiring and assemblies to be made. Collects prefabricated electrical and



mechanical components according to drawing and wiring diagrams and checks them with gauges, megger etc. to ensure proper function and accuracy. Fits mechanical components, resistance, insulators, etc. As per specifications, doing supplementary tooling where necessary. Follows wiring diagrams, makes electrical connections and solders points as specified. Checks for continuity, resistance, circuit shorting, leakage, earthing, etc. at each stage of assembly using mugger, ammeter, voltmeter

➤ Electrician and other appliances and ensures stipulated performance of both mechanical and electrical components filled in assembly.

ipment such as bus bars, panel boards, electrical posts, fuse boxes switch gears, meters, relays etc. using non-conductors, insulation hoisting equipment as necessary for receipt and distribution of electrical current to feeder lines. Installs motors, generators, transformer etc. as per drawings using lifting and hoisting equipment as necessary, does prescribed electrical wiring, and connects to



supply line. Locates faults in case of breakdown and replaces blown out fuse, burnt coils, switches, conductors etc. as required. Checks, dismantles, repairs and overhauls electrical units periodically or as required according to scheduled procedure. May test coils. May specialize in repairs of particular equipment manufacturing, installation or power house work and be designated accordingly.

FITTER

Trade Type: Engineering

Trades Duration: Two Year

Trade Sector: Capital Goods Manufacturing

Minimum Qualification Eligibility: 10th pass

ITI trade **Fitter** is powered by NCVT. ITI trade Fitter is a job oriented trade ITI trade Fitter is suitable for government job and private job. This ITI trade Fitter is very powerful for self-empowerment. This ITI trade Fitter is perfectly design to fulfill industrial requirement of Indian Industries as well as International industries.

Fitters have a wide scope of Employability ranging from self-employment, contractual employment to Industrial jobs. On successful completion of this course, the candidates shall be gainfully employed in the following industries:



- Production & Manufacturing industries.
- Structural Fabrication like bridges, Roof structures, Building & construction.
- Automobile and allied industries
- Service industries like road transportation and Railways.
- Ship building and repair

- Infrastructure and defence organizations
- In public sector industries like BHEL, BEML, NTPC, etc and private industries in India & abroad.
- Self employment

Trades Summery:

Fitter is a Mechanical trade in which you can learn about all items related to metal, Machining of a job(Piece of metal) and also get knowledge about measurement and cutting tools – equipment. After compilation of fitter course you can get job as a technician or machine operator in product manufacturing industries and also in MNC companies. In industries there are wide range of requirement for fitter passout students.



If you are looking for further studies than you can get admission in direct third semester of diploma mechanical branch.

If you are not 12th passout than you can get 12th passed certificate after passing 12th language subject.

- (i) Plan and organize the work to make job as per specification applying different types of basic fitting operation and Check for dimensional accuracy. [Basic fitting operation – marking, Hacksawing, Chiseling, Filing, Drilling, Taping and Grinding etc. A
- (ii) Manufacture simple sheet metal items as per drawing and join them by soldering, brazing and riveting.
- (iii) Join metal component by arc welding observing standard procedure.
- (iv) Cut and join metal component by gas (oxy-acetylene
- (v) Join metal components by riveting observing standard procedure.
- (vi) Produce components by different operations and check accuracy using appropriate measuring instruments. [Different Operations – Drilling, Reaming, Taping, Dieing; Appropriate Measuring Instrument – Vernier, Screw Gauge, Micrometer]



- (vii) Make different fit of components for assembling as per required tolerance observing principle of interchangeability and check for functionality. [Different Fit – Sliding, Angular, Step fit, 'T' fit, Square fit and Profile fit; Required tolerance: ± 0
- (viii) Produce components involving different operations on lathe observing standard procedure and check for accuracy. [Different Operations – facing, plain turning, step turning, parting, chamfering, shoulder turn, grooving, knurling, boring, taper turni
- (ix) Plan & perform simple repair, overhauling of different machines and check for functionality. [Different Machines – Drill Machine, Power Saw, Bench Grinder and

(x) Make & assemble components of different mating surfaces as per required tolerance by different surface finishing operations using different fastening components, tools and check functionality. [Different Mating Surfaces – Dovetail fitting, Radi
(xi) Make different gauges by using standard tools & equipment and checks for specified accuracy. [Different Gauges – Snap gauge, Gap gauge; Specified Accuracy – $\pm 0.02\text{mm}$



(xii) Apply a range of skills to execute pipe joints, dismantle and assemble valves & fittings with pipes and test for leakages. [Range of skills – Cutting, Threading, Flaring, Bending and Joining]

(xiii) Make drill jig & produce components on drill machine by using jigs and check for correctness.

(xiv) Identify, dismantle, replace and assemble different pneumatics and hydraulics components. [Different components – Compressor, Pressure Gauge, Filter Regulator Lubricator, Valves and Actuators.]

(xv) Construct circuit of pneumatics and hydraulics observing standard operating procedure & safety aspect.

(xvi) Plan, dismantle, repair and assemble different damaged mechanical components used for power transmission & check functionality. [Different Damage Mechanical Components – Pulley, Gear, Keys, Jibs and Shafts.]

(xvii) Plan, erect simple machine and test machine tool accuracy. [Simple Machines – Drill Machine, Power Saw and Lathe]

(xviii) Recognize & comply safe working practices, environment regulation and housekeeping

(xix) Understand and explain different mathematical calculation & science in the field of study including basic electrical. [Different mathematical calculation & science -Work, Power & Energy, Algebra, Geometry & Mensuration, Trigonometry, Heat & Temperat

(xx) Interpret specifications, different engineering drawing and apply for different application in the field of work. [Different engineering drawing- Geometrical construction, Dimensioning, Layout, Method of representation, Symbol, scales, Different Pro



(xxi) Select and ascertain measuring instrument and measure dimension of components and record data.

(xxii) Explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity & quality.

(xxiii) Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.

(xxiv) Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth

(xxv) Plan and organize the work related to the occupation

ELECTRONIC MECHANIC

Trades Duration: Two Year

Trade Sector: ELECTRONIC DEVICES

Eligibility Qualification : Passed 10th class examination under 10+2 System of education with Science and Math's. Or its equivalen



Brief Description of Job Roles:

It is 2 years regular ITI course offered by Industrial Training Institute to train the students to work at the industrial level. If you are interested in repairing, maintaining, testing, installing, fixing various types of electronic equipment then you can join the ITI Electronic Mechanic course.

The students are provided knowledge about various types of electronic devices, such as mobile, transformer, batteries, transistor etc.

ITI Electronic Mechanic Eligibility

- You should have a minimum qualification 10th class pass with Mathematics and Science.
- You are eligible if you have passed the 10th class from a recognized board.



COMPUTER OPERATING & PROGRAMING ASSISTANCE

Trades Duration: One Year

Trade Sector: IT-ITeS

Eligibility Qualification : Passed 10th class



ITI trade Computer Operator and Programming Assistant (COPA) is powered by NCVT. ITI trade Computer Operator and Programming Assistant (COPA) is a job oriented trade ITI trade Computer Operator and Programming Assistant (COPA) is suitable for government job and private job. This ITI trade Computer Operator and Programming Assistant (COPA) is very powerful for self-empowerment. This ITI trade Computer Operator and Programming Assistant (COPA) is perfectly design to fulfill industrial requirement of Indian Industries as well as International industries.

The individual can work as both Computer Operator/ Programming Assistant; operates computer and peripheral equipment to process business, scientific, engineering, or other data, according to operating instructions. As programming assistant installs, maintains and updates computer programs by making minor changes and adjustments to them under the guidance of computing professionals. Maintains and updates documents of computer programs and installations with assistance under supervision of supervisor

On successful completion of this course the candidates shall be gainfully employed as:

- Computer Operator
- Programming Assistant



Trades Summary:

(i) Install and setup operating system and related software in a desktop computer.

- (ii) Create, format and edit document using word processing application software.
- (iii) Create, format, edit and develop a document by using spreadsheet application software.
- (iv) Create and customize slides for presentation.
- (v) Create and manage database file using MS Access.
- (vi) Install, setup/configure, troubleshoot and secure computer network including Internet
- (vii) Develop static web pages using HTML
- (viii) Develop web pages using Java Script
- (ix) Develop simple spread sheets by embedding VBA.

- (x) Maintain accounts of a company using accounting software.
- (xi) Browse, select and transact using E commerce websites.
- (xii) Secure information from Internet by using cyber security concept
- (xiii) Apply safe working practices.



- (xiv) Comply environment regulation and housekeeping
- (xv) Work in a team, understand and practice soft skills, technical English to communicate with required clarity.
- (xvi) Understand and explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity & quality.
- (xvii) Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.
- (xviii) Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.

INFRASTRUCTURE



Front Gate



Administrative Building



Workshop Building

CLASSROOM



WORKSHOP



OTHERS COURSE RUNNING IN KARIMPUR GOVT. ITI



NATIONAL SKILL DEVELOPMENT CORPORATION (NSDC)

COURSE NAME	DURATION	TOTAL INTAKE
DOMESTIC DATA ENTRY OPERATOR	3 MONTHS	40
WIREMAN CONTROL PANEL	3 MONTHS	40

ANTI RAGGING CELL



◆ Karimpur-I Government ITI maintains a strict anti ragging policy and is committed to zero tolerance to ragging, and disciplinary misconduct. Seniors are cooperative and approachable holding against no cases of ragging so far.

☞ Karimpur-I Govt. ITI ensures a ragging-free campus.

☞ Karimpur-I Govt. ITI maintains a congenial environment for all students of every community. Here at Karimpur-I Govt. ITI, every student is treated with equity in education and tolerance.

METaverse

THE NEW ERA LEARNING EXPERIENCE TO OUR STUDENTS



Introduction of SMART technology "Metaverse" in our Workshop
Students can use their avatars and virtual reality equipment to build an online presence and participate in a collaborative, immersive digital environment with their classmates and instructors. They could access lab experiments even staying at home. For example, students want to use CNC (Computer numerical control) machine were using a computer-driven machine tool to produce a part out of solid material in a different shape. However, it is expensive or students may be staying remote place. Therefore this "Metaverse" technology will allow students to feel their persistence in the 3D spaces and work, meet, interact and socialize with teacher. This makes education more engaging and interactive. In case of healthcare "Metaverse" could empower doctors to practice their skills with the highest accuracy to ensure everyone receives the best healthcare service anytime. This technology is also useful

TRAINING & PLACEMENT CELL



Training and Placement of the students admitted to karimpur1 Govt ITI have been considered with great importance and a separate cell with a Training and placement Officer-In-charge has been active mainly in the following fields.

Training:- Training is teaching, or developing in one self 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. People within many professions and occupations may refer to this sort of training as professional development.

Placement:-The Institution is new from the batch of (2022-2023) obtaining their course, the training and placement cell has already created a good record in placement. Some reputed companies are came here and hire the students for making their bright future.

Our Recruiters

 HAVELLS	 Hero	 HYUNDAI	 Mahindra	 MARUTI SUZUKI	 TECHNICO INDUSTRIES
 L&T	 DAIKIN AC	 TVS	 JBM Group	 HONDA	 Munlight Group

CAMPUS PLACEMENT



INDUSTRIAL VISIT



Guest Lectureal



EXTRACURRICULAR ACTIVITIES

SKILL CLASS



ANNUAL SPORTS



TREE PLANTATION



EXTRACURRICULAR ACTIVITIES

Annual Cultural Programme

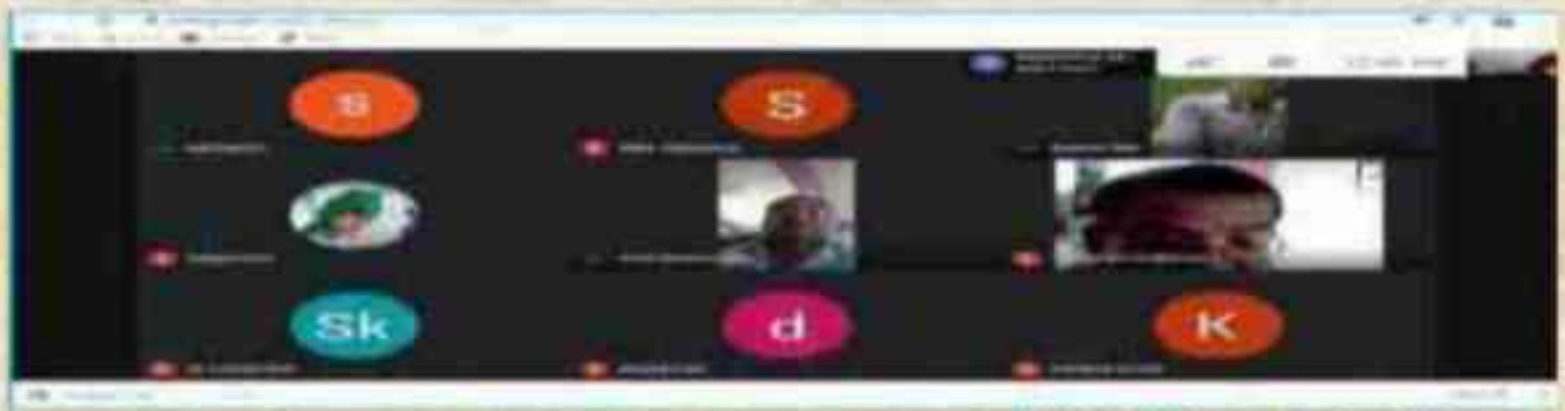


Cultural Programme



SOCIAL ACTIVITY

TELEMEDICINE



Google Meet Link : <http://meet.google.com/ibt-tcnh-tgg>

(FREE OF COST) , everyday from 8:00 a.m. in the morning to 9:00 p.m. at night through

Online Consultation Apply Here-<https://k1govtiti.in/telemedicine/>

CLOTH DISTRIBUTION



FREE SPECIAL COURSE



SOCIAL ACTIVITY

BLOOD DONATION CAMP



RALLY

