Prospectus

SRIMATI PRIVATE I.T.I.

Gateway to Industry

Affiliated to NCVT,New Delhi & Approved by
DGE & T, Govt. of India DGT/6/25/10/2018-TC

www.srimatipvtiti.org

About the ITI

Srimati Private Industrial Training Institute is initially conducting Industrial Training in the areas of Electrician and Fashion Design Technology. Situated in Padmapukur more, Baruipur. Srimati Private Industrial Training Institute, Baruipur established in the year 2012. Srimati Private Industrial Training Institute establish with a common object and strong commitment to the growth and promotion of technical experts for solving the unemployment problem all over India. Srimati Private I.T.I. believes that a developing nation like India should have its human resource trained in cutting edge technology.

The core mission and objective of the institute is to provide value based education that can mould the character of the young generation through technical education to make them achieve, progress and establish in life. To promote technical skill and knowledge to the target group in order to raise their stability, efficiency and productivity.

Mission & Vision

Mission - The core mission and objective of the institute is to provide value based education that can mould the character of the young generation by hands on vocational training and make them achieve, their goal and individual target in life. Srimati Private Industrial Training Institute also to encourage their Life Enrichment Education (LEE) and influence them to take active role of their own for employment and enterprise development.

Vision - The vision of the institute is to provide cutting edge education that transforms the younger generation towards being socially responsible and mould them to acquire finest value systems in their professional and personal

principal desk

Good leaders are made not born. If you have the desire and willpower, you can become an effective leader. Good leaders develop through a never ending process of self-study, education, training and experience. Srimati Private Industrial Training Institute always believes in providing education in an innovative way so that future aspirants can learn without taking any kind of psychological stress. Our basic motto is to minimize the gap between theoretical and practical aspects so that our students can gain ample experience while they are in a learning curve. I don't believe in note based education, I believe students should concentrate more on conceptual aspects. At the end I wish all the very best for their bright future.

SRIMATI PRIVATE I.T.I.

ITI Name	Srimati Private ITI
Institute Type	Private
Date of Establishment	26th September, 2012
Address	A-130, Kulpi Road, Padmapukur More, Baruipur, Kolkata- 700144
District	South Twenty Four Parganas
State	West Bengal
DGET File Reference No	DGT/6/25/10/2018-TC
Code Allotted by DGET	PU19000252
PHONE No	033-2423 0555
Mobile No.	9230086086
Website URL	http://www.srimatipvtiti.org
E-Mail ID	srimatitechno@gmail.com/srimatipvtiti@gmail.com
Location-Rural/Urban	Urban

Key Personnel

Sl. #	Name	Designation
1	Mr. Brahmananda Pati	Principal
2	Mr. Subhas Chandra Biswas	Superintendent
3	Mr. Narendra Nath Sarkar	Training Officer
4	Mr. Shubhabrata Roy	Accountant
5	Mr. Suman Dutta	Development Officer
6	Mr. P. C. Santra	Clerk
7	Mr. Atanu Roy	Librarian
8	Mr. Nemai Sundar Jana	Store-cum-Record Keeper
9	Mr. Chanchal Chatterjee	Placement Officer

Skill India

Industrial Training Institute

SRIMATI PRIVATE I.T.I.

Fashion Design Technology

Duration : 1yr
5 Days in a week

Objectives of the Course

- To introduce the trainees to various commercial aspects of the apparel industry
- To understand the fashion business.
- To provide a balanced mix of theory and practical knowledge tied up with several situations in styling industry.
- To introduce students the rudiments of sketching and its perspectives.
- Focus on experimental learning through understanding of basic and simple styling solutions to challenging authentic results

Learning Outcome

- Exhibit basic skills in pattern making/draping and garment construction to support their design
- To undertake independent study and research, self and peer evaluation and provide appropriate response to any professional situation.
- Demonstrate a personal design philosophy
- Exhibit full range of transferable skills.
- Exhibit their innovative design collection with the specified target market foremost in design process

Job Prospects

- Instructors in ITI'S / RVTI'S Or any other institutions
- Merchandiser
- Sample coordinator
  Run his/her own boutique
- Quality analyst/supervisor
- CAD pattern Master
- CAD Designer
- Assistant Fashion Designer

Further Learning Pathways

On successful completion of the course trainees can opt for
Following MES courses to improve their skill areas

- Visual display assistant
- Apparel Production supervisor
- Apparel Export Merchandising
- Production supervisor & quality control.
- Software application in pattern making
- Accessories Designing

Skill India

Industrial Training Institute

SRIMATI PRIVATE I.T.I.








Week #	Practical : 6 hrs	Theory: 2 hrs
1	♦ Identification of Tools & Equipments ♦ Familiarization to Industrial model Lock stitch sewing machine ♦ Basic part and attachment ♦ Functions ♦ Defects and remedies ♦ Needles and threads **Practice of sewing and practical exercises on sewing**	♦ Introduction and familiarization with the institute ♦ Importance of safety and general precaution ♦ Safety precautions ♦ Introduction to work ethics, Discipline ♦ Ergonomics ♦ Tools & Equipments • Measuring tools and Techniques • Marking tools and Techniques • Cutting tools and Techniques • Pressing tools and Techniques
2		• Introduction to sewing machine & its components • Basic part and attachment and Their applications • Classification of sewing machine, cutting machines, finishing equipments and their applications • Defects and remedies • Needles • Safe broken Needle disposable Policy • Threads
3-4	Introduction to Basic hand and Machine stitches (Sample Making) ♦ Temporary ♦ Permanent ♦ Decorative stitches (in context to contemporary stitches) • Flat Stitches • Looped stitches • Knotted stitches • Crossed stitches ♦ Seams ♦ Seam finishes	♦ Introduction To Hand Stitching ♦ Introduction to decorative stitches • Flat Stitches • Looped stitches • Knotted stitches • Crossed stitches ♦ Introduction To Seams &Seam Finishes ♦ Seams ♦ Seam finishes
5-6	♦ Samples of Weaving • Plain weave • Twill weave • Satan weave • Basket weave • Sateen weave • Rib weave • Honey comb ♦ Knitting Samples ♦ Warp Knits and Weft Knits	♦ Textile fabric, • Meaning and definition of textile fibres • Classification of fibres:- natural fibre,manmade fibres • Characteristics/ properties of above mentioned fibres • Identification of textile fibres ♦ Yarn construction, • Elementary processing of different types of fibre to yarn • Characteristic of yarn ◦ Twist ◦ Size ◦ Count and count measuring system • Types of yarn- ◦ Simple ◦ Complex • Fabric manufacturing ◦ Yarn preparation ◦ Elementary weaving theory ◦ Fabric structure-Woven, Knitted and non-woven ♦ Introduction to Dyeing &Printing ♦ Introduction to knitting ♦ Types of Knitted Fabric used in garment industry ♦ Finishes • Mechanical • Chemical

Week #	Practical : 6 hrs	Theory: 2 hrs
7	♦ Prepare sample file and a survey report on different types of: • cotton fabric • Synthetic • Woolen • Worsted • Sheer • Silk • Linen • Pile fabrics • Laces • Buttons • Braids • Cords • Fusings ,etc	♦ Introduction and Identification of different types of: • Cotton fabric • Synthetic • Woolen • Sheer • Silk • Linen • Pile fabrics • Laces • Buttons • Braids • Cords • Fusings ,etc
8	♦ Introducing Fullness(Sample Making) • Darts • Pleats • Tucks • Gathers & Shirrs • Frills • Godets	♦ Introducing Fullness. • Darts • Pleats • Tucks • Gathers & Shirrs • Frills • Godets
9	♦ Sample Making of : • Plackets &Openings • Pockets • Facing • Binding	♦ Introduction to: • Plackets and openings: • Pockets • Facing • Binding
10 11	♦ Making draft and samples of • Sleeves: ◦ Plain ◦ Raglan ◦ Magyar ◦ Puff ◦ Bell ◦ Leg o' mutton ◦ Bishop ◦ Petal ◦ Circular ◦ Batwing ◦ Kimono • Collars: ◦ Peter pan ◦ Shirt ◦ Stand or Chinese ◦ Swinging ◦ Roll ◦ Shawl ◦ Sailor ◦ Tie stand	♦ Introduction to measurement • ISI Standards of measurements • Relationship of sizes & measurements • methods of measuring body and dress form • Measurement charts. ♦ Introduction to paper pattern • Definition • Types- Flat Pattern and Draped pattern • Importance • Consideration while making paper pattern • Introduction to Bodice Block • Introduction to sleeve block • Introduction to collar • Introduction to skirt block ♦ Introduction To Draping method for apparel Design

Week #	Practical : 6 hrs	Theory: 2 hrs
12	♦ Sample Making of Fasteners: • Buttonholes • Buttons • Frogs • Snaps • Zippers • Hooks and Eyes • Velcro ♦ Sample making of Trimmings	♦ Theoretical Introduction to: • Fasteners • Trimmings • Hems
13	♦ Sample Making of neckline finishes ♦ Sample making of Hems	♦ Necklines ♦ Edge finishing ♦ Hems
14	♦ Free Hand Sketching of Different Types of Line • Line sketches in pencil & ink • Geometric construction of two dimensional geometric shapes and forms	♦ Brief idea about • drawing tools and Techniques materials ♦ Elements of design
15	♦ Prepare chart only(color wheel, color scheme, grey scale, Tints and shades, gradation) ♦ Female croquie(12.5) • Block figure • Stick figure	♦ Introduction to elements and principles of design ♦ Fundamentals and basics of color ♦ Color & color Theories and color scheme ♦ Understand concepts of design ♦ Textures ,shapes and forms
16	♦ Creation Of Designs Using Elements and principles Of Design in terms of dress (through sketching) • Prepare sheets of optical illusions • repeat pattern and composition	♦Introduction to : • Principles Of Design
17	♦ Drawing Texture ♦ Fabric rendering • Plain cotton • Chiffon • Mesh/ net • Tissue • Brocade • Denim • Corduroy • Fabric rendering according to weight, fall and opacity.	♦ Selection of Dresses according to (age, occasion,climate, personality, age &sex) ♦ Age group relation to design • various categories of men's wear,women's wear, kids wear ♦ Ready Made Garments Industry • Introduction • Basis of selection of readymade garment Merits. • Overview of garment mass Production Setup ♦ Precaution to be taken while working with different kinds of fabric ♦ Preparation of material before cutting

Week #	Practical : 6 hrs	Theory: 2 hrs
18-19	♦ Developing Motifs for various Traditional Embroideries ♦ Contemporarization of Various Traditional Motifs	♦ Motifs (enlargement and reduction) ♦ Sources of design inspiration& conceptualization ♦ Optical illusion, ♦ Silhouette, ♦ Draping of garment
20	♦ Introduction and designing through CorelDraw ♦ Practice on Tools ♦ Working with Shapes	♦ Introduction and importance of designing through computers ♦ Use of Corel Draw in Design creation ♦ Tools ♦ Working with Shapes
21	♦ Working with special effects ♦ Creating Fabric Designs ♦ Creating Croqui	♦ Working with special effects ♦ Creating Fabric Designs ♦ Creating Croqui
22	♦ Rendering & Draping ♦ Accessories Designing	♦ Rendering & Draping ♦ Accessories Designing
23	♦ Project : Prepare ARTICLES : (ANY ONE) • BABY SETS - Toddler Garments • Designer dress using any two elements and two principles of design.	
24-25	♦ Industrial training (for practical knowledge of working environment of industries) Report to be submitted on practical knowledge attained .	
26	Revision and examination	

Week #	Practical : 6 hrs	Theory: 2 hrs
1	♦ Revision of 1st semester	♦ Revision of 1st semester
2-3	♦ Cutting,stitching and finishing of frock ♦ Cutting stitching &finishing of night suit Practice of developing dress pattern from Draping Technique: Basic Bodies (dart and princess line) ♦ Basic Skirt (Straight and circular) ♦ Drafting of ladies block pattern set (bodice sleeve ,skirt and trouser)	♦ Anatomy (in brief) • Joints and muscles • Growth and development • Eight head theory ♦ Types of human figure Introduction To Kids Pattern, (Drafting, pattern making ,estimation,and layout of the garments) Child Bodice block and sleeve block with size variation ♦ Skirt Block (Children) ♦ Drafting ♦ Frock ♦ Night suit
4-6	♦ Cutting , Stitching and Finishing of • ladies Kurta, /kalidar kurta • Salwar, Chudidar and ,Patiala salwar. • Saree Blouse	♦ Principles of pattern making ♦ Adult Bodice Block #8 ♦ Introduction to dart manipulation ♦ Drafting of • ladies kurta • Salwar • Churidar • Skirts • Saree – blouse
7	♦ Female Croquie(10.5-12.5), front , ¾, half, back view ♦ Male Croquie • Casual wear • Formal wear	♦ FASHION Drawings • Block • Stick • Fleshing
8	♦ Sketching of • Necklines • Collars • Sleeves • Yokes • Gathers • Pleats • Bows and ties • Caps and hats • Pockets • Cascades • Belts • Style lines	♦ Rendering of different type of fabric- • Plain • Checks • Dotted • Printed • Stripped • Textured
9	♦ Drape and draw sketches of indo-western ladies wear as per Fashion and style	♦ Drape and draw 5 sketches of indo- western ladies wear as per Fashion and style ♦ Wardrobe planning • How to select and wear the dress • How to select colour and pattern • To develop good taste in clothes • Dressing according to personality ♦ Fashion and style

Week #	Practical : 6 hrs	Theory: 2 hrs
10-11	♦ Drape and draw in different medium (10 Sketches From each no.) • Sketches gents wear • Casual wear • Sports wear • Office wear	♦ Career in fashion • Fashion designer • Auxiliary Service in Fashion Design • Fashion Design Technician • Education • Industry
12	♦ Draping on dress form: Ladies wear- ♦ Long dresses ♦ Basic bodice ♦ Basic skirts,	♦ Draping • Principles of draping • Methods of Draping • Draping Techniques • Contour Draping
13	♦ Checking of garment with respect to measurement and stitching, Preparation and designing of ♦ Tech pack ♦ Cost sheet	♦ Meaning and scope of business ♦ Introduction to Fashion merchandising
14	♦ Introduction To Quality assurance ♦ Quality Management ♦ Textile Testing and product evaluation ♦ Quality Inspection ♦ Care Labeling of apparels	♦ Care and storage wash care symbols • Introduction to Quality control and quality assurance • Stain removal • Immediate repairing
15	♦ Assignment Report based on; • Fashion trend • Trade fairs, • Fashion show, • Boutique, • Garment production unit • Apparel Retail Channels	♦ Brief knowledge of fashion trend, • Trade fairs, fashion show, boutique, garment production unit. ♦ Study of fashion Fraternity • Leading Fashion Designers • Textile Designers
16-17	♦ Design and creating of fashion accessories • Head gears • Scarf • Fashion jewelry • Tie and bow • Belts • Bows • Bag and purses • Hand gloves	♦ Introduction to trims and accessories for fashion industry ♦ Fashion accessories • Head gears • Scarf • Fashion jewelry • Tie and bow • Belts • Bows • Bag and purses • Hand gloves
18-20	♦ Ready To Wear Collection from slot dresses: • Replication • Variations • Creation • Construction	
21-23	Project work: /or as per latest trend based on Indo western Design – Development client ,material, latest trend research and exploration with one theme.	
24-25	Industrial training (To experience the industry and markets from a deeper and more complete view point)	
26	Revision and examination	

Note :

- Visit to any garment industry to know how the garment Industry runs.
- Market survey to explore different type of fabrics as per trend & availability& prepare a swatch file.
- Full work should be in the form of file as Pattern Making file, Garment Making File, Fashion Illustration File.

Electrician

Duration: 2 Years
5 Days in a week

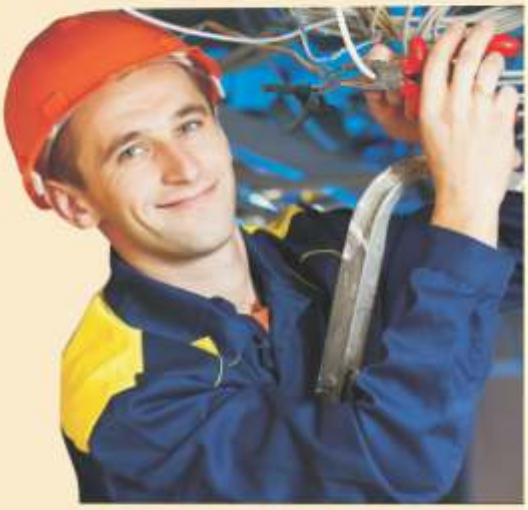
INTRODUCTION:

- This course is meant for the candidate who aspires to become Technician in ELECTRICIAN.

TERMINAL COMPETENCY:

At the end of the course the trainee shall be able to

- Carry out Installation, maintenance & repair works of Electrical AC, DC, machinery, lighting circuits, domestic appliances and equipments used in domestic and industries
- Read and interpret the blue print reading (Electrical layout Drawing as per BIS specification & standards)
- Carry out Domestic and Industrial wiring, Earthing System
- Test electrical wiring installation , locate and rectify the faults by using megger and Earth tester
- Make and solder the wire joints, wires on PCB and do de-soldering technique
- Use of electrical instrument(analog/digital) like voltmeter, Ammeter, Watt meter,Energy Meter, Wheatstone bridge, oscilloscope, Earth tester, Tong tester etc to measure to different electrical quantities
- Armature winding, single & three phase motor winding and small transformer winding
- Operate, maintain and test the switch gears, circuit breakers, relays and transformers
- Identify and maintain the Power Generating stations (conventional and nonconventional), Transmission and distribution system protecting devices.
- Construct & test semiconductor devices
- Practice on using fitting carpentry and sheet metal tools.
- Carried out break down, over hauling, routine & preventive maintenance of electrical machines and equipments



EMPLOYMENT OPPORTUNITIES

- All state Electricity Boards and departments
- Public sectors, MNC, Private and Govt. Industries
- License Certificate for self employment
- Wiring Contractors
- Huge job opportunities in power generation, transmission, distribution station.

FURTHER LEARNING PATHWAYS

- Apprentice training in designated trade
- Craft Instructor certificate course
- License Certificate in all State Electricity Boards
- Diploma in Electrical Engineering

SRIMATI PRIVATE I.T.I.

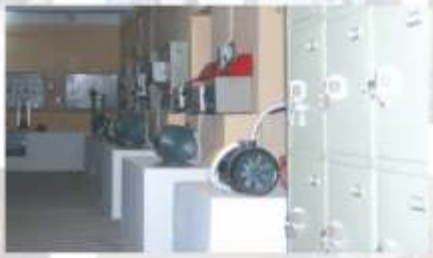










1st Semester

SRIMATI PRIVATE I.T.I.

Sl #	Professional Skills
	Trade Theory
1	Occupational Safety & Health
2	Identification of Trade-Hand tools-Specifications
3	Fundamental of electricity
4	Solders, flux and soldering technique. Resistors types of resistors & properties of resistors.
5	Introduction of National Electrical Code 2011
6	Ohm's Law
7	Common Electrical Accessories, their specifications in line with NEC 2011
8	Chemical effect of electric current
9	Rechargeable dry cell, description advantages and disadvantages.
10	Inverter, Battery Charger, UPS-Principle of working, Lead Acid cell, general defects & remedies.
11	Allied trades
12	Types of drills description & drilling machines, proper use, care and maintenance.
13	Description of marking & cutting tools
14	Magnetism
15	Alternating Current
16	Earthing
17	Basic electronics

- **Project Work**
- **Industrial Visit (optional)**
- **Examination**

Sl #	Professional Skills
	Workshop Calculation & Science
1	Unit:
2	Fractions
3	Square Root
4	Ratio & Proportion
5	Percentage
6	Material Science
7	Mass, Weight and Density
8	Speed and Velocity
9	Work, Power and Energy

Sl #	Professional Skills
	Trade Practical
1	Implementation in the shop floor of the various safety measures.
2	Demonstration of Trade hand tools.
3	Practice in using cutting pliers, screw drivers etc.
4	Practice in soldering & brazing- Measurement of Resistant and Measurement of specific Resistant.
5	Demonstration and identification of types of cables.
6	Verification of Ohm's Law, Verification of Kirchhoff's Laws.
7	Practice on installation and overhauling common electrical accessories as per simple Electrical circuit / Layout.
8	Assembly of a Dry cell- Electrodes-Electrolytes.
9	Routine care & maintenance of Batteries
10	Charging of a Lead acid cell, filling of electrolytes-Testing of charging, checking of discharged and fully charged battery
11	Marking use of chisels and hacksaw
12	Drilling practice in hand drilling & power drilling machines.
13	Practice in using snips,marking & cutting of straight & curved pieces in sheet metals.
14	Trace the magnetic field.Assembly / winding of a simple electro magnet.
15	Determine the characteristics of RL, RC and RLC in A.C. Circuits both in series and parallel.
16	Practice on Earthing- different methods of earthing.
17	Determine the resistance by Colour coding

Sl #	Professional Skills
	Engineering Drawing
1	Engineering Drawing:
2	Drawing Instruments
3	Lines
4	Drawing of Geometrical Figures
5	Lettering and Numbering as per BIS SP46-2003
6	Dimensioning:
7	Free hand drawing of Lines, polygons, ellipse, etc.
8	Sizes and Layout of Drawing Sheets
9	Method of presentation of Engineering Drawing -Pictorial View -Orthogonal View -Isometric view
10	Symbolic Representation (as per BIS SP:46-2003)

Note: Find the 1st Semester syllabus for Employability Skills at Page No. 17

2nd Semester

Sl #	Professional Skills
	Trade Theory
1	Working principle and uses of an oscilloscope.
2	Explanation of oscillator-working principle Explanation of stages and types.
3	Electric wirings & Wiring system
4	Study of Fuses, Relays, Miniature circuit breakers (MCB), ELCB, etc.
5	D.C. Machines & Principle of D.C. Generator
6	Explanation of Armature reaction, inter poles
7	DC Motors
8	Types of speed control of DC motors in industry. Control system. AC-DC, DC-DC control.
9	Working principle of Transformer.
10	Electrical Measuring Instruments

Sl #	Professional Skills
	Trade Practical
1	Different wave shapes of rectifiers and their values using C.R.O.
2	Measure, Voltage, Current & wave shape of oscillator using CRO.
3	Practice in casing, Capping, etc.
4	Application of fuses, relay, MCB,ELCB.
5	Identification of the parts of a D.C. machine.
6	Connection of compound Generator, Voltage measurement, cumulative and differential – No Load and Load characteristics of Series, Shunt Compound Generator
7	Identification of parts and terminals of DC motors.
8	Speed control of DC motors by voltage, field, armature & Word-Leonard system.
9	Identification of types of transformers.
10	Identify the type of Instruments.

- **Implant training / Project work** (work in a team)
- **Revision**
- **Examination**

Sl #	Professional Skills
	Workshop Calculation & Science
1	Algebra
2	Mensuration
3	Trigonometry:
4	Heat &Temperature:
5	Basic Electricity:
6	Levers and Simple Machines:

Sl #	Professional Skills
	Engineering Drawing
1	Construction of Scales and diagonal scale
2	Practice of Lettering and Title Block
3	Dimensioning practice
4	Construction of Geometrical Drawing Figures:
5	Drawing of Solid figures
6	Free Hand sketch of hand tools and measuring tools used in respective trades.
7	Projections:
8	Drawing of Orthographic projection from isometric/3D view of blocks
9	Orthographic Drawing of simple fastener Bolts, Nuts & Screw)
10	Drawing details of two simple mating blocks and assembled view.
11	Drawing details of two simple mating blocks and assembled view.

Note: Find the 2nd Semester syllabous for Employability Skills at Page No. 17

3rd Semester

Sl #	Professional Skills
	Trade Theory
1	Three phase Induction motor
2	Single phase induction motor, Universal motor
3	Alternator
4	Synchronous Motor
5	Rotary Converter- Inverter.
6	Transformer Winding
7	DC machine Winding
8	AC machine Winding
9	Illumination
10	Industrial wiring
11	Complete House-wiring layout.

Sl #	Professional Skills
	Trade Practical
1	Identification of parts and terminals of AC motors.
2	Connection of single phase motor, identification, testing,running and reversing.
3	Identification of parts and terminals of Alternator. Connection, starting, running of Alternator.
4	Identification of parts and terminals of Synchronous motor.
5	Starting, running, building up voltage and loading of Motor Generator (MG) set.
6	Practice on winding of small Transformers.
7	Testing of burnt DC machine for rewinding – collection of data – developed diagram and connection – winding procedure.
8	Testing of burnt motor for rewinding – collection of data –developed diagram and connection – winding procedure.
9	Installation of -Mercury & Sodium vapours (H.P. & L.P.) & other lamps
10	Practice on wiring of electric motor, control panel, etc.Trace/Test of different circuit Breakers.
11	Practice of wiring Maintenance of institute, hostel, hotel, residential building.

- **Project work**
- **Examination**

Sl #	Professional Skills
	Workshop Calculation & Science
1	Elasticity:
2	Material:
3	Magnetism:
4	Pressure:
5	Indices:
6	Solution of simple A.C. circuit with R.L.C. Calculation of power factor etc.
7	A.C Waveform Calculation:
8	Series And Parallel Connection of Electrical and Electronic components:

Sl #	Professional Skills
	Engineering Drawing
1	Sign & Symbol Trade related Alternating Current
2	Electronic components
3	Electric wirings & Earthing
4	DC machines
5	Transformer
6	Illumination

4th Semester

Sl #	Professional Skills
	Trade Theory
1	Machine control cabinet /Control Panel Layout, Assembly & Wiring
2	Domestic Appliances:
3	Power generation
4	Hydro Electric
5	Nuclear
6	Non-Conventional
7	Transmission of electrical power
8	Under Ground Cable
9	Distribution of power
10	Introduction, Construction & Working of power transistor, thyristor.
11	Speed control of 3 phase induction motor by using VVVF/AC Drive.Introduction, Construction, Working, Parameters & application of AC drive
12	Schedule of electrical preventive maintenance. Break down, Routine & Preventive maintenance of DC/AC machines, Voltage stabilizer, U.P.S.& Equipments.

- **Implant training / Project work** (work in a team)
- **Revision**
- **Examination**

Sl #	Professional Skills
	Workshop Calculation & Science
1	Friction:
2	Forces:
3	Centre of gravity:
4	Number system:
5	Estimation & costing:
6	Simple Problems on Profit & Loss. Simple and compound interest.

Sl #	Professional Skills
	Trade Practical
1	Machine control cabinet /Control Panel Layout, Assembly & Wiring
2	Repair & Test of Calling Bell, Buzzer, Alarms, Electric Iron, Heater, Light.
3	Practice on Thermal power plant simulator or Plant visit.
4	Practice on Hydro power plant simulator or Plant visit.
5	Practice on Nuclear power plant simulator (free version) or Plant visit.
6	Practice on Non-conventional power plant simulator (free version) or Plant visit.
7	Identification and specification of different type of insulator used in HT line.
8	Skinning and dressing of cables.
9	To visit & prepare layout plan,single line diagram of Transmission /distribution Substation.
10	Speed control of DC motor
10	Speed control of AC motor
11	Break down, Routine &Preventive maintenance of DC/AC machines.

Sl #	Professional Skills
	Engineering Drawing
1	Three phase Induction motor
2	Alternator
3	Winding
4	Control Panel
5	Distribution of Power

Sl #	Professional Skills	
	Employability Skill	
1	English Literacy	1st Semester
2	I. T. Literacy	
3	Communication Skills	2nd Semester
4	Entrepreneurship Skills	
5	Productivity	
6	Occupational Safety, Health and Environment Education	
7	Labour Welfare Legislation	
8	Quality Tools	
	Extra Curricular Activity	

Rules & Regulations

I do hereby promise that I will not :

1] a] Cause any damage to any property of the ITI and hostel such as benches switchboards furniture, Lab Tools & equipments /IT Lab Tools, sports equipments, library /, equipments such as books, magazines, newspapers etc. and any public property in the vicinity of the college or elsewhere.
   b] Damage the desks, benches, chairs, walls of the hostel / class rooms, blackboards, toilets, walls of the ITI etc. with any writings whatsoever.
   c] Form an Association / Union.

2] I will be regular to all my classes throughout the year and I will maintain a minimum of 75% of attendance as per rules of the Institute / ITI If for any unforeseen reason I am forced to be absent from the classes for a long time without prior intimation to Principal or Director shall submit a valid explanation at the earliest. I am aware that if 75% attendance is not maintained in all the subjects, I will not be allowed to appear for the annual examination.

3] All the Terminal Tests & Examination (Spot test, Elocution test, Debate, Essay writing competition, Quiz competition, Project Writing / Presentation, Seminars etc.) conducted by the Institute will be attended by me without fail.

4] All the assignments, record books, home work etc., will also be completed by me in due time for the purpose of continuous evaluation. I shall make an earnest attempt to achieve academic improvement in all the subjects throughout the year. I promise to stay in the ITI beyond the ITI hours to complete the assignments given to me.

5] I shall attend the Preparatory Examinations. If I fail to do so, I may be debarred from appearing for the ITI Exam.

6] I shall keep up the good name of the ITI in all my thoughts, behaviour and actions in the classrooms, in the campus, off the campus and in the hostel.

7] I will be fully devoted to my studies and will maintain absolute silence in the classes and shall not disturb the class by indulging in talks or moving in and out of the classroom when classes are in progress.

8] I will not indulge in RAGGING (Physically or Mentally) or in any other kind of misbehaviour or throw any oblique words / gestures to fellow students / teachers.

9] I will let know the Management any information, which goes against the interest of the Institute / Hostel, if I know the same and / or get any sign / signal to that effect.

10] I will repudiate the following willingly during my stay in ITI :
   a] Damage of ITI property cost of which will be bourn by me.
   b] Playing Radio / Mobile Phone etc. I will switch off my mobile phone in the classroom and library.

11] I shall implicitly accept the decision of the Management as final in all matters of discipline.

Campus:

Baruipur, Padmapukur More, Kolkata-144
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