



Directorate General of Training



Government of Goa
**DIRECTORATE OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP**

Shramshakti Bhavan, Patto Plaza, Panaji - Goa
(An ISO 9001:2015 Certified Directorate)

PROSPECTUS

2026-27

FOR



Industrial Training Institute



Dr. Pramod Sawant

Hon'ble Chief Minister
& Hon'ble Minister for Skill Development
& Entrepreneurship

**(((SKILL GOONJEGA)))
DESH SUNEGA**



INDUSTRIAL TRAINING INSTITUTES IN GOA

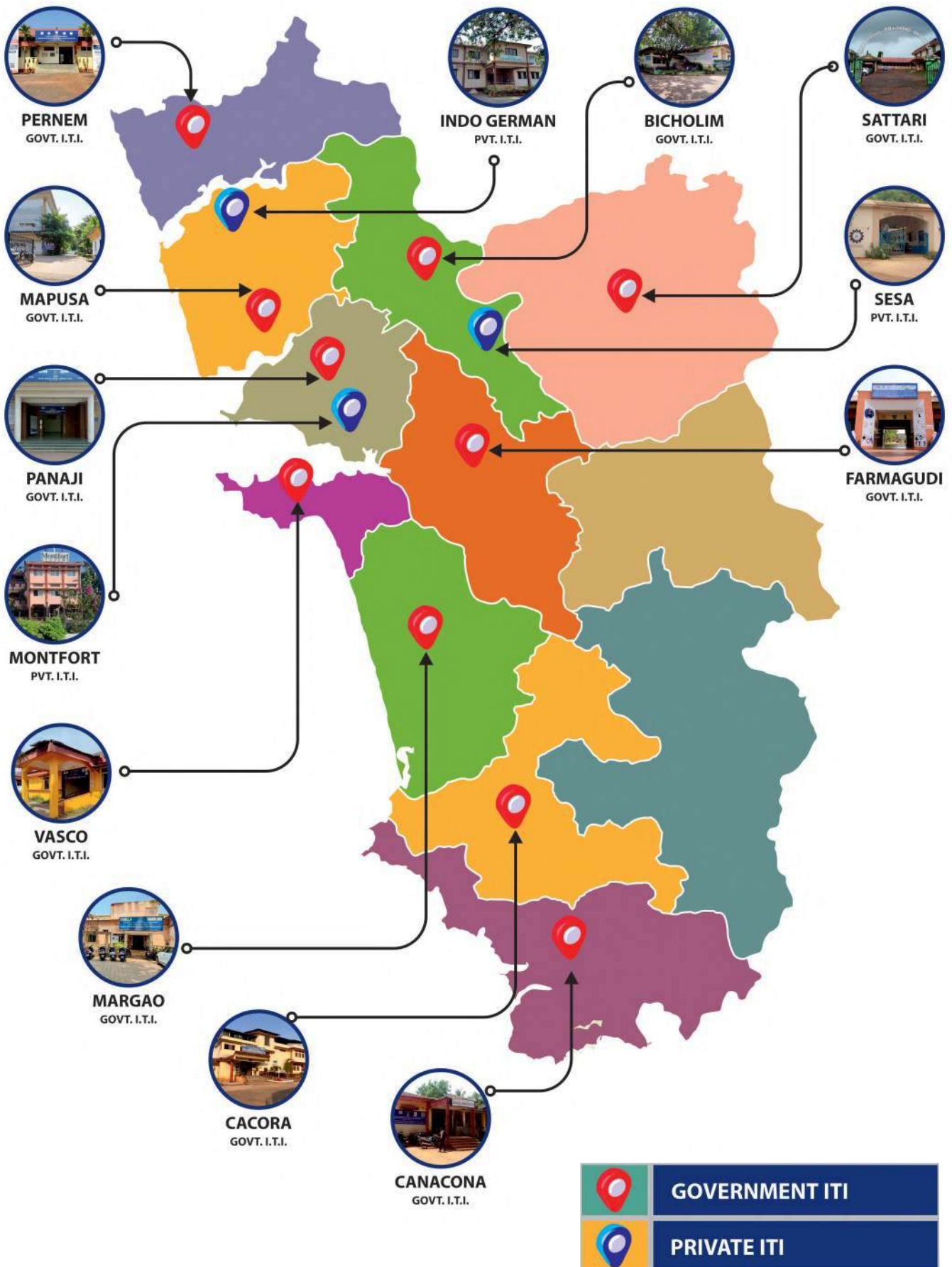


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PROSPECTUS 2026-27

FOR ADMISSION IN GOVERNMENT AND PRIVATE



INTRODUCTION

The Directorate General of Training (D.G.T.), New Delhi in the Ministry of Skill Development and Entrepreneurship (M.S.D.E.) is the apex organization for laying down standards and norms, developing curriculum, granting affiliation, carrying out assessment and certification for the trades or courses offered under various vocational training programmes/ schemes through the 15,000 plus Industrial Training Institutes (I.T.I.s) across the country. The I.T.I.s in each State/Union Territory are governed by the respective Directorate of Skill Development and Entrepreneurship.

In Goa, there are 10 Government and 03 Private I.T.I.s functioning under the Directorate of Skill Development and Entrepreneurship (D.S.D.E.). These I.T.I.s offer 44 different Engineering and Non-engineering trades/courses under the flagship Craftsmen Training Scheme (C.T.S.) of D.G.T. Most of these trades are affiliated to the National Council for Vocational Training (N.C.V.T.), New Delhi and few are affiliated to the State Council for Vocational Training (S.C.V.T.), Government of Goa. However, training in the S.C.V.T. affiliated trades is imparted in par with the N.C.V.T. trades by following the same training syllabus, schedule, calendar, methodology and examination pattern as approved by D.G.T. and M.S.D.E.; only examinations and certifications are done at the State level. By imparting industrial training, the I.T.I.s ensure a steady flow of skilled workers to the industries.

Under the newly launched Pradhan Mantri Skilling and Employability Transformation through Upgraded I.T.I.s (PM-SETU) central scheme, Bicholim Government I.T.I. has been selected as the Hub I.T.I.; and Pernem Government I.T.I., Mapusa Government I.T.I., Panaji Government I.T.I. and Vasco Government I.T.I. have been selected as Spoke I.T.I.s for upgradation.

GOVERNMENT INDUSTRIAL TRAINING INSTITUTES

(ISO 21001:2018 Certified)

SR.NO.	NAME & ADDRESS OF I.T.I.	CONTACT NO.
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NORTH GOA

1.	Pernem Government I.T.I. Tuem, Pernem, Goa-403 512	2954341
2.	Mapusa Government I.T.I. (i) For admissions visit: 1st & 2nd floor, BSNL Telephone Exchange Building, P & T Colony, Porvorim, Goa-403521 (ii) Behind District Hospital, Peddem, Mapusa, Goa -403507	2959999 2262637
3.	Bicholim Government I.T.I. Valshi, Bicholim, Goa-403 504	2362315
4.	Sattari Government I.T.I. Honda, Sattari, Goa - 403 530	2370242
5.	Panaji Government I.T.I. Altinho, Panaji, Goa-403 001	2226333

SOUTH GOA

6.	Farmagudi Government I.T.I. Farmagudi, Ponda, Goa - 403 401	9049566932 2956511
7.	Margao Government I.T.I. Borda, Margao, Goa - 403602 & its Extension Building at AquemBaixo, Margao, Goa - 403 602	9423312964/2714887 2958001 (Margao) 2765846 (AquemBaixo)
8.	Vasco Government I.T.I. Bogda, Vasco, Goa - 403 802	2524030 / 2956232 9420818165

KUSHAVATI

9.	Cacora Government I.T.I. Cacora, Curchorem, Goa - 403 706	2993200 9673168555
10.	Canacona Government I.T.I. Mastimol, Canacona, Goa - 403 702	2953354 8788042855

PRIVATE INDUSTRIAL TRAINING INSTITUTES

SR.NO.	NAME & ADDRESS OF I.T.I.	CONTACT NO.
1.	Sesa Private I.T.I. Sankhali, Bicholim, Goa - 403 505	2365509 / 2365123 7843057129 / 9822016689
2.	Montfort Private I.T.I. Corlim, Tiswadi, Goa - 403 110	2285524 9545004320
3.	Indo-German Private I.T.I. Marna, Siolim, Goa – 403 517	9923132899 7522939960 9657985647

MIS CODES OF INDUSTRIAL TRAINING INSTITUTES

SR.NO.	NAME OF I.T.I.	NCVT MIS CODE
1.	Pernem Govt. I.T.I.	GR30000005
2.	Mapusa Govt. I.T.I.	GR30000007
3.	Bicholim Govt. I.T.I.	GR30000012
4.	Sattari Govt. I.T.I.	GR30000004
5.	Panaji Govt. I.T.I.	GU30000008
6.	Farmagudi Govt. I.T.I.	GR30000017
7.	Margao Govt. I.T.I.	GR30000010
8.	Vasco Govt. I.T.I.	GU30000015
9.	Cacora Govt. I.T.I.	GR30000009
10.	Canacona Govt. I.T.I.	GR30000014
11.	Sesa Private I.T.I.	PR30000002
12.	Montfort Private I.T.I.	PR30000018

OUR ACHIEVERS YOUR ROLE MODELS

MRS. HEMLATA SANJAY CHARI

Trade: Sewing Technology (2024)
Institute: Sattari Govt. ITI

Current Role: Entrepreneur
Hemlata Fashion Studio
Pissurlem, Sattari



SHRI DATTARAJ DAYANAND NAIK

Trade: Mechanic Diesel (2015)
Institute: Cacora Government ITI

Current Role: Entrepreneur
Torque Automotive
(Car Accessories Business)

SHRI UTKRANT K. JADHAV

Trade: Refrigeration &
Air Conditioning Technician (2022)
Institute: Panaji Government ITI

Current Role:
Junior Engineer (Operations),
Delta Corp Ltd., Panaji

Responsibilities:
Managing HVAC operations
across 3 ships
Leading a team of 6 AC technicians

FR. JOAQUIM LOBO

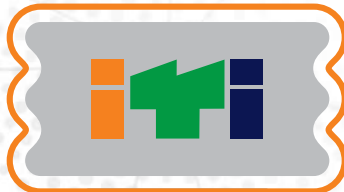
Trade: Data Preparation &
Computer Software (1990)
Institute: Mapusa Govt. ITI

Education:
BA Philosophy
BA History,
Bachelor of Theology
Bachelor of Physical Education

Professional Highlights:

Administrator — Don Bosco High School, Sindhudurg
Management Secretary — Don Bosco Province of Panjim & Konkan Region
Administrator — Don Bosco Open School, Parra (2014–2016)
Director — Don Bosco College, Panjim (2018–2025)
Editor — SANGATI Magazine (since 2015)

Currently: Pursuing Media in Development, University of London



OUR ACHIEVERS YOUR ROLE MODELS

SHRI SWAPNIL SATYAVAN SAWANT

Trade: Electrician (2017)
Institute: Pernem Government ITI

Current Role:
Electrical Maintenance Technician
GMR Manohar International Airport,
Mopa, Goa



SHRI LOHITAKSHA RAMDAS RAO

Trade: Electrician (2021–2023)
Institute: Montfort Private ITI

Education: Diploma in
Electronics Engineering

Current Role:
Junior Engineer
Siemens, Verna, Goa



SHRI NISHANT HEGGANAVAR

Trade: Welder (2022–23)
Institute: Farmagudi Government ITI

Achievements:
Medal of Excellence :IndiaSkills 2024

Current Role: Entrepreneur
Malsai Fabrication
Artist — Art by Malsai

Currently: Pursuing BA in Sociology



SHRI SUSHANT SAHADEV RAWAL

Trade: Fitter (1995–97)
Institute: Bicholim Government ITI

Current Role: Entrepreneur
Sushant Engineering Works
Bicholim Industrial Estate



INFRASTRUCTURE OF I.T.I.s

Every I.T.I. has good workshops and classrooms for imparting training, a library, an office, separate washrooms for male and female staff and trainees, drinking water facility and other basic necessities required in an Institution as per the prescribed norms of the Government. Apart from the regular training setup, most of the Government I.T.I.s are provided with Science, Technology, Engineering and Mathematics (STEM) Tinkering Labs, Digital Language Labs and C.C.T.V. cameras for surveillance. The Tinkering labs are useful for the I.T.I. trainees as well as the school students visiting the I.T.I.s to upgrade their knowledge and skills.

JOINING I.T.I. AS A “REGULAR TRAINEE” OR AS A “PRIVATE CANDIDATE”

A candidate willing to join an I.T.I. for undergoing training in a long-term or short-term course under the Craftsmen Training Scheme (C.T.S.), may take admission as a “Regular Trainee” or as a “Private Candidate”.

If a candidate desires to pursue a full-time course, he/she has to take admission in any of the Government or Private I.T.I.s as a “Regular Trainee”. The online admission process for such courses normally starts from the month of April/May every year and the admission schedule is published in the local newspapers and uploaded on the admission portal and on D.S.D.E. and each I.T.I.’s website.

If a candidate who has not undergone formal institutionalized skill training desires to only appear for the All India Trade Test (AITT) of a particular trade, he/she has to check admissibility for a particular trade as per the categories specified in D.G.T. guidelines available at <https://dgt.gov.in/node/863> and take admission as a “Private Candidate” as per eligibility and admission criteria in any of the Government I.T.I.s only. The admission process for “Private Candidate” normally starts six months prior to the AITT as per the schedule decided by D.G.T. and the seats are limited.

INFORMATION USEFUL FOR “REGULAR TRAINEES”

Every I.T.I. is headed by a Principal and the training activities are supervised by a Group Instructor (G.I.) or a Millwright Foreman or a Surveyor. The teacher imparting training in an I.T.I. is called Vocational Instructor (V.I.) and the candidate admitted in an I.T.I. is called “Trainee”. The courses conducted at the I.T.I.s are referred to as “Trades”.

WORKING HOURS

The Directorate of Skill Development and Entrepreneurship and the Industrial Training Institutes (I.T.I.) in Goa follow five days work-week pattern working from Monday to Friday and have holidays on the days as declared by the Government of Goa.

However, whenever the trainees are deputed in the industries for undergoing training under the On-Job-Training (OJT) or Dual System of Training (D.S.T.) component of the syllabus or otherwise, they have to strictly follow the industry timings and work-week.

The D.S.D.E Head Office follows 09:30 a.m. to 05:45 p.m. office timings.

The I.T.I.s function in two shifts and observe the following timings:

- (i) 1st shift: 08:00 a.m. to 4:00 p.m. including ½ hour lunch break
- (ii) 2nd shift: 10:00 a.m. to 6:00 p.m. including ½ hour lunch break

The training activities are conducted during either of the shifts, while the office follows the 2nd shift timings.

LEAVES ADMISSIBLE TO “REGULAR TRAINEES”

The trainees studying at the I.T.I.s are trained in an industrial environment and provided with following types of leaves which can be availed during exigencies with prior approval of the Trade V.I./G.I./Principal as applicable:

- (i) **Casual leave:** 12 days casual leaves per year subject to a maximum of 10 days at a time.
- (ii) **Medical leave:** 15 days medical leave in case of illness duly supported with medical documents issued by a registered Medical Practitioner. A further period not exceeding 3 weeks for one-year trades and 6 weeks for two-years trades can be granted in continuation or in addition to 15 days absence on medical grounds.
- (iii) **Special leave:** Upto 10 days special leave on private affairs. This limit can be further extended to 15 days or 30 days if supported with proper justification and subject to the satisfaction of the Head of the Institute on the basis of genuine reasons. However, no scholarship will be admissible during the period of special leave to a trainee who is a scholarship holder.

TRANSPORT FACILITY

Bus service is available at Panaji, Farmagudi, Vasco, Margao, Cacora, Pernem and Canacona Government I.T.I.s for the trainees on payment of Rs. 5/- per trip (concessional rate) from the nearest bus stand to the I.T.I. and back. A monthly pass system is also available for the trainees to use transport facility on payment of Rs 120/- per month at a concessional rate.

Transport facility is presently not available in any of the Private I.T.I.s.

SCHOLARSHIPS AND TOOLKITS OFFERED TO TRAINEES

IN GOVERNMENT I.T.I.s

Trainees undergoing training at the Government I.T.I.s can avail the following scholarships /benefits on fulfillment of eligibility criteria:

- A. **Merit Scholarship** at the rate of **Rs 250/- per month per trainee** is awarded to 40% of the actually admitted trainees' strength in each batch/unit of a trade irrespective of the intake capacity of a trade on the basis of:
 - (i) Marks scored at the Merit Scholarship internal test conducted by each I.T.I.
 - (ii) Assessment of the sessional work, discipline and punctuality for three months after admissions.
- B. Financial Assistance Scholarship (FAS) and Trainee's Toolkit is awarded to the trainees residing in the State of Goa for a period not less than 10 years preceding the date of application for admission in I.T.I. and fulfilling other eligibility criteria with respect to each benefit as mentioned below:

- (i) **Financial Assistance Scholarship (FAS)** at the rate of **Rs 600/- per month per trainee** belonging to either: (i) Scheduled Caste (SC) category OR ii) Scheduled Tribe (ST) category OR iii)*Below Poverty Level OR iv) Person with Disability (PwD) OR v) Having annual income of family upto Rs 3,00,000/- which is to be proved by submitting valid Income Certificate issued by: (1) Concerned Village Panchayat Secretary under the respective Panchayat area duly attested by the Sarpanch of the concerned Village Panchayat OR (2) Chief Officer of the respective Municipal Council OR (3) Mamlatdar of the concerned Taluka OR (4) District Collector/Magistrate, provided he/she fills up the FAS form and submits it to the I.T.I. office along with supporting documents and own bank account details within 15 days of joining the respective I.T.I.

** No trainee shall be deprived benefits under this scheme if he/she is not able to produce ration card indicating B.P.L. category. The trainee may instead be requested to produce valid Income Certificate.*

- (ii) **Trainee's Toolkit containing trade related items costing not more than Rs 2500/- collectively** can be claimed by a trainee belonging to SC or ST category provided he/she fills up the Trainee's Toolkit form and submits it to the I.T.I. office along with supporting documents within 15 days of joining the respective I.T.I.

Recovery of Benefits Granted to Trainees under Financial Assistance Scholarship and Trainee's Toolkit Scheme:

The FAS and Trainee's Toolkit granted to a trainee are liable to be cancelled/forfeited/recovered/discontinued if the concerned trainee:

- (i) Is found to have committed an act of indiscipline or misconduct unbecoming of an I.T.I. trainee.
- (ii) Discontinues training during the course of the year for which the benefit was awarded. In such a case, the trainee will have to pay the actual cost of the Trainee's Tool Kit.
- (iii) Is found to have furnished incorrect or false information or fake documents OR if the award /benefit has been obtained by suppressing any material facts

However, the final decision on the recoveries to be made if any shall be at the discretion of the Director, (SD&E).

IN PRIVATE I.T.I.s

Sesa Private I.T.I. awards Merit Scholarship to deserving trainees based on merit and financial status of their family.

IN GOVERNMENT AND PRIVATE I.T.I.s BY OTHER ORGANIZATIONS

The trainees studying at the Government and Private I.T.I.s, and belonging to certain categories can also apply and avail the benefits/ financial assistance /scholarships awarded by other organizations or Government Departments like Directorate of Social Welfare, Directorate of Tribal Welfare and Directorate of Education, provided they meet the eligibility criteria and subject to permission being granted by the particular Organization/Department for availing scholarship/assistance from multiple sources.

CONCESSIONS

IN GOVERNMENT I.T.I.s:

- (i) Exemption from payment of tuition fees for candidates who belong to/are Scheduled Caste (SC) OR Scheduled Tribe (ST) OR *Orphans OR *Destitute Children OR Below Poverty Level OR a family having annual family income of upto Rs.3,00,000/ p.a. However, the trainee's name should be mentioned on the Income certificate which is valid for only six months from the date of issue.
- (ii) Exemption from payment of tuition fees for **female candidates** under Mukhyamantri Sukanya Kaushal Vikas Protsahan Yojana (MSKVYPY).

* Candidates who claim to be **orphans/ destitute children** and their caretakers/guardians have to submit duly filled self-declaration certificate in **Annexure IX** format as appended at the end of this Prospectus.

- (iii) Provision of free uniform and boiler suit/workshop clothing material to all the trainees; however, the stitching charges have to be borne by the trainees. The uniforms should be stitched strictly as per the pattern provided by the I.T.I. authorities within 15 days of issuing the cloth material.
- (iv) Free transport facility for trainees belonging to Scheduled Tribes OR Scheduled Caste category.
- (v) Free facilities for recreation, library, sports, etc. as available in respective I.T.I.

IN PRIVATE I.T.I.s

(i) SESA PRIVATE I.T.I.

- (i) Provides food at subsidized rates.
- (ii) Provides assistance for job placement in reputed industry.

(i) MONTFORT PRIVATE I.T.I.

- (i) Hostel facility is available in the I.T.I. campus to accommodate trainees who are *orphans OR do not have any family support OR are from distant places.
- (ii) Other concessions as decided by the Institute are provided to the trainees depending on their family background and annual income.

PLACEMENT AND TRAINING OPPORTUNITIES IN INDUSTRIES

Directorate of Skill Development and Entrepreneurship and the I.T.I.s have signed Memorandum of Understanding (MoU)/ Memorandum of Association (MoA) with various Industries/Organizations/Hotels like:

1. TATA Technologies Ltd. (TTL)
2. Sri Sri Rural Development Programme Trust (SSRDP)
3. Indian Hotels Company Ltd. (Taj Hotels)

4. Jaquar
5. Daikin Industries Ltd.
6. Putzmeister Concrete Machines Pvt. Ltd.
7. Automobile Corporation of Goa Ltd. (ACGL)
8. Siemens Pvt. Ltd.

and many others to facilitate:

- On-Job-Training (OJT)/ Dual System of Training (D.S.T.) in industries
- Job Placements/ Apprenticeship training opportunities
- Establishment of Centers of Excellence in I.T.I.s under C.S.R. activity
- Setting up State-of-the Art training facilities in the I.T.I.s under C.S.R. activity
- Training of Trainers
- Industry Visits

The trainees should take advantage of the Department's strong connect with various Industries, put in hard work during training, represent a good behavior while at the Institute and in the Industry, learn all skills thoroughly and make himself/herself capable of securing a good job during the placement/job fairs and Pradhan Mantri Apprenticeship Bharti Melas conducted quarterly/annually/as per specific industry's requirement by the Department/respective I.T.I.

FEES

1. ADMISSION FEE

A. IN GOVERNMENT I.T.I.s:

Type of Fee	Candidates: Female/ SC/ ST/ BPL Category/Having Annual Family Income upto Rs. 3 Lakhs p.a./ *Orphan/*Destitute Child	Candidates: Other Categories
Online Application Processing Fee	Rs. 330/-	Rs. 330/-
Tuition Fees (Non-refundable)	Waived Off	Rs.2500/-
Caution Money Deposit (Refundable*)	Rs.1500/-	Rs.1500/-
TOTAL FEES	Rs. 1830/-	Rs. 4330/-

Note:

- (i) Online Admission/Application Processing Fee, Tuition fee and Caution Money Deposit has to be paid while submitting the Application Form online.
- (ii) Identity Card amount has to be paid after admission at respective I.T.I.
- (iii) The Caution Money Deposit** is collected to guard against losses or damages if any made to the equipment or tools issued to a trainee during the course of training. A second deposit may also be collected in case the previous amount is exhausted. This **amount will be refunded:**
 - a. On satisfactory completion of the course in case the trainee does not exhaust it during the training and claims it within six months of completion of training.
 - b. If a candidate withdraws his/her admission within one month from the date of admission.**
- (iv) Candidates seeking admission under I.M.C. quota at Vasco Government I.T.I. will have to pay Rs. 5000/- per annum in addition to the fees mentioned in the table above.
- (v) Admission fees should be paid through online mode only using UPI/ Debit card / Credit card / Net banking, etc.

B. IN PRIVATE I.T.I.s

Type of Fee	Candidates: SC, ST, *Orphans or *Destitute Children	Candidates: Other Category
Online Application Processing Fee	Rs. 330/-	

(i) SESA PRIVATE I.T.I.

Type of Fee	Amount
Tuition Fees (Non-refundable)	Rs.2500/-
Caution Money Deposit (Refundable*)	Rs. 500/-
TOTAL FEES	Rs. 3000/-

(ii) MONTFORT PRIVATE I.T.I.

Type of Fee	Amount		
	One Year Course	Two Years Course	
		1st Year	2nd Year
Tuition fee (Non-refundable)	Rs. 18300/-	Rs. 21300/-	Rs. 21000/-
Caution Money Deposit (Refundable)	Rs. 500/-	Rs. 500/-	-
Internal Exam Fee	Rs. 1000/-	Rs. 1000/-	Rs. 1000/-
Identity card	Rs. 200/-	Rs. 200/-	-
Total	Rs. 20000/-	Rs. 23000/-	Rs. 22000/-

(iii) INDO-GERMAN PRIVATE I.T.I.

Type of Fee	Amount
Tuition Fee (Non-refundable)	Rs. 12840/-
Caution Money Deposit (Refundable)	Rs. 300/-
Identity Card	Rs. 40/-
TOTAL	Rs. 13180/-

2. EXAMINATION FEE

The trainees eligible to appear for the Annual pattern of examination conducted on completion of 6 months, 1 year and 2 years training period of the respective trade under the Craftsmen Training Scheme (C.T.S.) or Dual System of Training (D.S.T.) scheme shall have to pay an examination fee as mentioned below:

Type of Exam	Examination Fees	Remarks
Regular Exams	Rs.700	For 6 months,1 year and Two years duration courses(for 1 st and 2 nd Year respectively)
Supplementary Exams	Rs.1000	
Private Candidate Exam	Rs.2000	-
Supplementary Exams for Private Candidate	Rs.2500	-

Note: Computer Based Test (C.B.T.) fees as applicable shall be intimated later as per the D.G.T. guidelines for N.C.V.T. examination and as per D.S.D.E. instructions for S.C.V.T. examination.

IDENTITY CARD

After admission, every I.T.I. will issue an Identity Card to the trainee on payment of Rs. 100/- to the respective Government I.T.I., and an amount decided by the respective Private I.T.I. Every trainee should display the I.D. card on person while at the Institute and during visits to industries, programs, etc.

In case of loss of an I.D. card, a duplicate I.D. card will be issued on production of (i) An affidavit (ii) F.I.R. copy (iii) Latest photograph and (iv) Amount of Rs.100/-.

DISCIPLINE

All the trainees are required to strictly follow the rules and regulations laid down by D.G.T. and the directions/instructions issued by the Director of Skill Development and Entrepreneurship and the Principal of respective I.T.I. with regards to the conduct and discipline of trainees. Further, they are required to follow the shift timings, training schedule, time-table issued by the Institute and represent a good behavior within and outside the I.T.I. campus. They shall not use abusive language or indulge in any sort of arguments or fights with fellow trainees or staff of I.T.I. or general public. However, in case there is slightest of altercation or disagreement or dispute with any one, they shall immediately inform their Instructor/Group Instructor/Principal while in the I.T.I. and their parents/guardians when outside the I.T.I.

If any trainee is found exhibiting any form of indiscipline, necessary action as deemed fit will be taken by the Competent Authority.

In addition to above, the trainees should adhere to the following instructions:

UNIFORM

Trainees should strictly be in the uniform / boiler suit / overcoat (to be worn as applicable in the classroom/workshop) stitched as per the standard pattern provided by the Department while they are in the I.T.I. or deputed in the industries/hotels. They should strictly not wear any additional attire/ head gear like scarf, bandana, hood, etc. while in the I.T.I. or in the industry/hotel.

▪ GROOMING

Male trainees should maintain short hair with decent hair-cut, clean shave or well shaved beard and not wear studs or earrings. Female trainees should wear decent, proper fitting clothes and not wear tight fitting, short and deep necked clothes.

▪ MOBILE PHONE

Trainees should not use mobile phones, bluetooth earphones, earbuds, headphones or other similar electronic gadgets while in the I.T.I. premises, especially in the classroom and in the section/workshop because the same will be confiscated by the Instructor/Group Instructor/Principal and returned only after completion of course.

Staff of D.S.D.E. may use their mobile phones or earphones or headphones only during non-working hours.

Staff of D.S.D.E. and trainees should strictly not post/share any indecent message or photo or video pertaining to the Department or the I.T.I. and its activities on social media OR with anyone without seeking permission of the Principal or the Director as applicable. Due action as per law/rule will be taken against violators.

▪ CONSUMPTION AND POSSESSION OF ALCOHOL/DRUGS/GHUTKA/PAN MASALA, SMOKING

Consumption and possession of alcohol, drugs, ghutka, pan masala, and smoking in any form by the staff or trainees while in the office OR in the I.T.I. campus is strictly prohibited. Due action as per law/rule will be taken against violators and further, if any trainee is found in possession or consuming alcohol, drugs, cigarette/e-cigarette or any other banned substance, he/she will be struck-off from the roll of I.T.I.

▪ WARNING MEMORANDUMS, SUSPENSION, STRUCKING-OFF FROM TRAINING

As per D.G.T. guidelines, a trainee with less than 80% of attendance at the end of the academic session/training period shall not be eligible to appear for the final examinations. Hence, a trainee with less than 80% of attendance at any given time during the course of training will be issued with first Warning Memorandum, followed by a second one if there is no improvement. Copies of the Warning Memorandums will be sent to his/her parents/guardians for information. However, if the trainee is found to be not showing any further improvement OR remains absent/absconding from training continuously for a period of 10 days without any intimation OR indulges in acts of indiscipline and misconduct, he/she shall be discharged/struck-off from the Institute by issuing a struck off order, copy of which will also be provided to all the concerned Instructors and the trainee's parents/guardians for information.

If any investigations of allegations against a trainee suspected to be involved in acts of indiscipline or misconduct are pending, the trainee shall be placed under suspension and no stipend/scholarship shall be paid to the trainee who has been suspended for misconduct.

SPORTS IN I.T.I.s

Yoga Day is celebrated in all the I.T.I.s with active participation by the staff and trainees in performing various yoga asanas. Recreational facilities are also provided in some I.T.I.s for staff and trainees.

PERNEM GOVERNMENT ITI

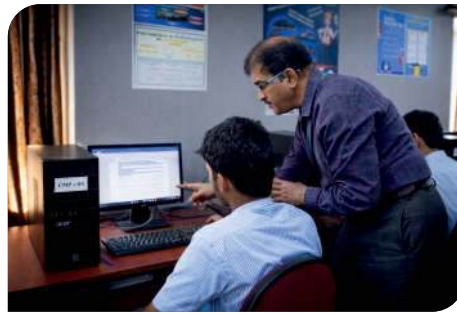


TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Refrigeration and Air Conditioning Technician	NCVT	2 year	24	
4	Plumber	NCVT	1 year	24	Passed 8 th class examination
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	48	Passed 10 th class examination
2	Food Production (General)	SCVT	1 year	24	
3	Sewing Technology	NCVT	1 year	20	Passed 8 th class examination
4	Food & Beverages Service Assistant (DST)	SCVT	1 year	20	Passed 10 th class examination or its equivalent

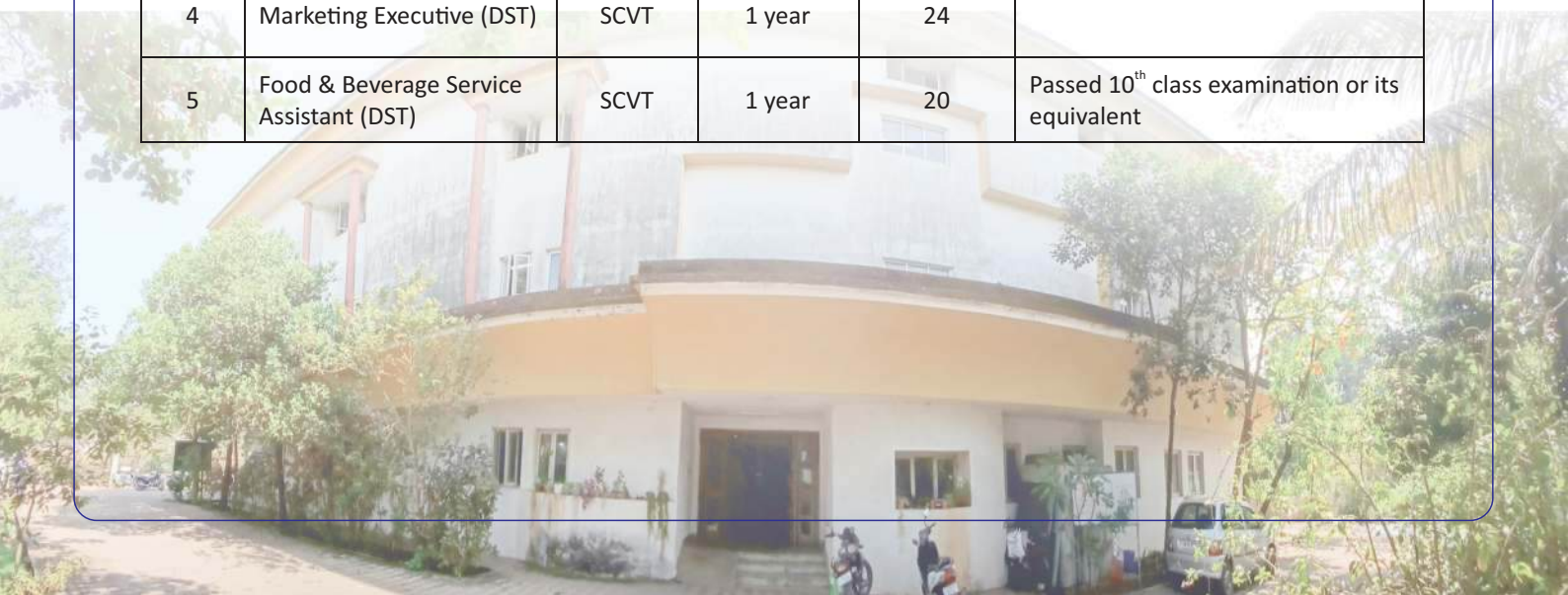


MAPUSA GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Electronics Mechanic	NCVT	2 year	24	
4	Mechanic Motor Vehicle (DST)	NCVT	2 year	24	
5	Mechanic Two and Three Wheeler (DST)	SCVT	1 year	40	Passed 10 th class examination with Science and Mathematics or its equivalent
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	48	Passed 10 th class examination
2	Secretarial Practice (English)	NCVT	1 year	24	
3	Cosmetology	NCVT	1 year	24	
4	Marketing Executive (DST)	SCVT	1 year	24	
5	Food & Beverage Service Assistant (DST)	SCVT	1 year	20	Passed 10 th class examination or its equivalent



BICHOLIM GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	40	
3	Draughtsman (Civil)	NCVT	2 year	24	Passed 10 th class examination
4	Mechanic Diesel (DST)	NCVT	1 year	48	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
5	Wireman	NCVT	2 year	20	Passed 8 th class examination
6	Electronics Mechanic	NCVT	2 year	24	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
7	Machinist	NCVT	2 year	20	
8	Plumber	NCVT	1 year	48	Passed 8 th class examination
9	Welder	NCVT	1 year	20	Passed 8 th class examination
10	Solar Technician (Electrical)	NCVT	1 year	20	Passed 10 th class examination
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	48	Passed 10 th class examination
2	Stenographer & Secretarial Assistant (English)	NCVT	1 year	24	Passed 10 th class examination
3	Sewing Technology	NCVT	1 year	20	Passed 8 th class examination
4	Cosmetology	NCVT	1 year	24	Passed 10 th class examination
5	Multimedia, Animation & Special Effects	SCVT	1 year	24	Passed 10 th class examination
6	Food production (General) (DST)	NCVT	1 year	24	Passed 10 th class examination
7	Fashion Design & Technology	SCVT	1 year	20	Passed 10 th class examination

SATTARI GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT / SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 Year	20	Passed 10 th class Examination with Science and Mathematics or with Vocational Subject in same sector or its equivalent
2	Electrician	NCVT	2 Year	40	
3	Turner	NCVT	2 Year	20	
4	Refrigeration & Air Conditioning Technician	NCVT	2 Year	24	
5	Electronics Mechanic	NCVT	2 Year	24	
6	Mechanic Diesel	NCVT	1 Year	24	
7	Mechanic Motor Vehicle	NCVT	2 Year	24	
8	Wireman	NCVT	2 Year	20	Passed 8 th class Examination
9	Plumber	NCVT	1 Year	48	
10	Welder	NCVT	1 Year	20	
11	Mechanic Auto Electrical and Electronics (DST)	SCVT	1 Year	20	Passed 10 th class Examination
NON-ENGINEERING TRADES					
1	Computer Operator and Programming Assistant	NCVT	1 Year	24	Passed 10 th class Examination
2	Desktop Publishing Operator	NCVT	1 Year	24	
3	Cosmetology	NCVT	1 Year	24	
4	Sewing Technology	NCVT	1 Year	20	Passed 8 th class Examination
5	Food and Beverages Service Asst. (DST)	SCVT	1 Year	20	Passed 10 th class Examination or its equivalent

PANAJI GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th Class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Mechanic Motor Vehicle	NCVT	2 year	24	
4	Refrigeration and Air Conditioning Technician	NCVT	2 year	24	
5	Plumber	NCVT	1 year	24	Passed 8 th class examination
6	Welder	NCVT	1 year	20	
NON-ENGINEERING TRADES					
1	Food Production (General)	NCVT	1 year	48	Passed 10 th class examination
2	Front Office Assistant	SCVT	1 year	24	
3	Computer Operator & Programming Assistant	NCVT	1 year	48	
4	House Keeper	SCVT	1 year	24	
5	Food & Beverage Service Assistant	NCVT	1 year	40	Passed 10 th class examination or its equivalent

FARMAGUDI GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	40	
3	Electronics Mechanic	NCVT	2 year	24	
4	Refrigeration and Air Conditioning Technician	NCVT	2 year	24	
5	Instrument Mechanic	NCVT	2 year	24	
6	Mechanic Motor Vehicle (DST)	NCVT	2 year	24	
7	Draughtsman (Mechanical)	NCVT	2 year	20	
8	Machinist	NCVT	2 year	20	
9	Mechanic Diesel	NCVT	1 year	48	
10	Draughtsman (Civil)	NCVT	2 year	24	
11	Information & Communication Technology System Maintenance	NCVT	2 year	24	Passed 10 th class examination
12	Mechanic Electric Vehicle	SCVT	2 year	24	Passed 8 th class examination
13	Plumber	NCVT	1 year	48	
14	Welder	NCVT	1 year	40	
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	48	Passed 10 th class examination
2	Digital Photographer	SCVT	1 year	24	
3	Dress Making	NCVT	1 year	20	Passed 8 th class examination
4	Food & Beverage Service Assistant (DST)	SCVT	1 year	20	Passed 10 th class examination or its equivalent

Additionally, All Goa Inter I.T.I. Sports Meet is planned to be held every year in various disciplines like cricket, football, volleyball, badminton, and athletics (relay, shot put, discus throw) for the trainees of Government and Private I.T.I.s as per feasibility.

TRADES/COURSES OFFERED IN I.T.I.s UNDER CRAFTSMEN TRAINING SCHEME

The Craftsmen Training Scheme (C.T.S.) is the flagship scheme of the Directorate General of Training and various trades/courses of 6 months, 1 year and 2 years duration are conducted in the I.T.I.s across the country under this scheme. The Government and Private I.T.I.s in Goa offer **44** different **Engineering (23 nos.)** and **Non-Engineering (21 nos.)** trades/courses as listed below.

ENGINEERING TRADES

Sr. No.	Trade	Sector	Duration	NSQF Level	Entry Qualification
1.	Attendant Operator (Chemical Plant)	Chemical & Petrochemical	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
2.	Draughtsman (Civil)	Construction	2 years	Level 4	Passed 10th Class examination
3.	Draughtsman(Mechanical)	Capital Goods & Manufacturing	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
4.	Electrician	Power	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
5.	Electronics Mechanic	Electronics & H.W.	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent

6.	Fitter	Capital Goods & Manufacturing	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
7.	Information & Communication Technology System Maintenance (ICTSM)	I.T.& I.T.E.S.	2 years	Level 4	Passed 10th Class examination
8.	Instrument Mechanic	Electronics & H.W.	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
9.	Machinist	Capital Goods & Manufacturing	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
10.	Mechanic Auto Electrical and Electronics	Automotive	1 year	Level 3.5	Passed 10th Class examination
11.	Mechanic Consumer Electronic Appliances	Electronics & H.W.	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
12.	Mechanic Diesel	Automotive	1 year	Level 3.5	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
13.	Mechanic Electric Vehicle	Automotive	2 years	Level 4	Passed 10th Class examination

14.	Mechanic Motor Vehicle	Automotive	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
15.	Mechanic Two and Three Wheeler	Automotive	1 year	Level 3.5	Passed 10th Class examination with Science and Mathematics OR its equivalent
16.	Plumber	Plumbing	1 year	Level 2.5	Passed 8th Class examination
17.	Refrigeration & Air Conditioning Technician	Capital Goods & Manufacturing	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
18.	Solar Technician (Electrical)	Power	1 year	Level 3.5	Passed 10th Class examination
19.	Turner	Capital Goods & Manufacturing	2 years	Level 4	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
20.	Welder	Capital Goods & Manufacturing	1 year	Level 2.5	Passed 8th Class examination
21.	Wireman	Power	2 years	Level 3	Passed 8th Class examination
22.	Wood Work Technician	Wood and Carpentry	1 year	Level 2.5	Passed 8th Class examination
23.	Waste Management Technician	Environmental Science	1 year	Level 3.5	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent

NOTE: Candidates having studied subjects such as (i) Everyday Mathematics (ii) General Science (iii) Mathematics (CWSN-ENG) and (iv) Science (CWSN-ENG) are **not eligible** for admission to Engineering trades with entry qualification as “Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent”.

NON-ENGINEERING TRADES

Sr. No.	Trade	Sector	Duration	NSQF Level	Entry Qualification
1.	Computer Operator & Programming Assistant (COPA)	IT-ITeS	1 year	Level 3.5	Passed 10th Class examination
2.	Computer Hardware & Network Maintenance (CHNM)	IT-ITeS	1 year	Level 3.5	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent
3.	Cosmetology	Beauty & Wellness	1 year	Level 3.5	Passed 10th Class examination
4.	Desktop Publishing Operator (DTPO)	IT-ITeS	1 year	Level 3.5	Passed 10th Class examination
5.	Digital Photographer	Media & Entertainment	1 year	Level 3.5	Passed 10th Class examination
6.	Dress Making	Apparel	1 year	Level 2.5	Passed 8th Class examination
7.	Drone Pilot (Junior)	Aerospace & Aviation	6 Months	Level 3	Passed 10th Class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent and should have completed 18 years of age as on first day of academic session
8.	Drone Technician	Aerospace & Aviation	6 Months	Level 3	Passed 10th class examination with Science and Mathematics OR with vocational subject in same sector OR its equivalent and should have completed 16 years as on first day of academic session
9.	Driver cum Mechanic (LMV)	Automotive	6 Months	Level 2	Passed 8th Class examination and should have completed 18 years of age as on first day of academic session

10.	Fashion Design & Technology	Apparel	1 year	Level 3.5	Passed 10th Class examination
11.	Fire Technology and Industrial Safety Management	Safety & Security	1 year	Level 3.5	Passed 10th Class examination In addition, Height – 165 cms Weight – 50 Kgs Chest- Normal 81 cm, Expanded 86 cms and a registered M.B.B.S. Doctor must verify and certify that the candidate is medically fit to undertake the course
12.	Food and Beverage Service Assistant	Tourism & Hospitality	1 year	Level 3.5	Passed 10th Class examination OR its equivalent
13.	Food Production (General)	Food Industry	1 year	Level 3.5	Passed 10th Class examination
14.	Front Office Assistant	Tourism & Hospitality	1 year	Level 3.5	Passed 10th Class examination
15.	Housekeeper	Tourism & Hospitality	1 year	Level 3.5	Passed 10th Class examination
16.	Marketing Executive	Office Administration & Facility Management	1 year	Level 3.5	Passed 10th Class examination
17.	Multimedia, Animation & Special Effects	IT-ITeS	1 year	Level 3.5	Passed 10th Class examination
18.	Secretarial Practice (English)	Office Administration & Facility Management	1 year	Level 3.5	Passed 10th Class examination
19.	Sewing Technology	Apparel	1 year	Level 2.5	Passed 8th Class examination
20.	Smartphone Technician cum App Tester	Electronics & HW	6 Months	Level 3	Passed 10 th Class examination and should have completed 14years as on the first day of academic session
21.	Stenographer Secretarial Assistant (English)	Office Administration & Facility Management	1 year	Level 3.5	Passed 10th Class examination

BRIEF DESCRIPTION OF EACH TRADE/COURSE

A brief description of each course, skills that would be acquired, job opportunities that would be available and tentative range of salary that would be offered to a I.T.I. Graduate on completion of respective course are as mentioned below. The syllabus of each of these courses designed by D.G.T.in consultation with N.C.V.T.is available in detail on the following websites:

- (i) <https://dgt.gov.in/cts-details>
- (ii) <https://www.cstaricalcutta.gov.in/syllEngNew.aspx>

ENGINEERING TRADES

1. Attendant Operator (Chemical Plant)

Duration: 2 years | NSQF level: 4

Course Content

- a) Foundational manual skills required in a chemical plant environment.
- b) Unit operations and Mass transfer
- c) Laboratory Techniques and Chemical analysis
- d) Plant utilities and equipment operation.
- e) Industrial safety and Instrumentation.

Skills Acquired

- a) Industrial Plant Operations (Complex machinery, chemical processes, etc.)
- b) Fluid and Material handling.
- c) Laboratory proficiency.
- d) Unit operations mastery.
- e) Maintenance of Equipment's like gearbox, bearings, cooling towers and boilers).

Job/Placement Opportunities available

- a) Can join industry as Process Operator, Laboratory Assistant, Plant utility Operator, Distillation Operator, Safety & Quality Inspector, etc.
- b) Can become Entrepreneur in the related field.
- c) Can join Apprenticeship program in different types of industries to achieve National Apprenticeship Certificate (NAC).
- d) Can join Crafts Instructor Training Scheme (CITS) course for becoming instructor in I.T.I.s.
- e) Can join Advanced Diploma (Vocational) courses under D.G.T. as applicable.

2. Draughtsman (Civil)

Duration: 2 years | NSQF level: 4

Course Content

- a) Hand drafting and CAD drawing for Civil Engineering
- b) Building Drawings, Building Planning and R.C.C & Steel Drawings
- c) Modern Surveying Instruments: Digital Theodolite & Total Station
- d) 2D & 3D CAD Drawing for Building Planning, Bridges and Infrastructure
- e) Estimation and Rate Analysis for Single and Double Storied Buildings

Skills Acquired

- a) Hand drafting of engineering drawing & projection of solids
- b) Surveying & levelling using modern survey instruments
- c) 2D & 3D CAD drawings
- d) Building planning
- e) Technical drawings for approval like Architectural, R.C.C & steel

Job/ Placement opportunities Available

- a) Government sector: T.C.P, WRD, PWD, DSLR
- b) Private Sector: Architectural firms, Civil Engineering Firms, Builders, Civil contractors, Real Estate Companies
- c) Self-Employment: catering to growing demand of draughtsman in construction field

3. Draughtsman (Mechanical)

Duration: 2 years | NSQF level: 4

Course Content

- a) Drafting Terminology, Projection Methods, and Auxiliary Views
- b) Allied Trades Training (Fitter, Turner, Machinist, etc.)
- c) CAD Technology for 2D & 3D Modeling (SolidWorks, AutoCAD, Inventor)
- d) Generating and Plotting Views in Drawing and PDF Formats
- e) Creating Assembly and Detailed Views with Dimensions and Annotations

Skills Acquired

- a) Knowledge of Orthographic and Isometric Projections, and Surface Development
- b) Preparation of drawings for machines, plants, and mechanical components
- c) Reading and interpreting technical parameters and documents, planning work processes
- d) Software skills in AutoCAD, 3D Modeling, and SolidWorks for assembly drawing creation
- e) Job visualization, coordination, mechanical aptitude, and performing related mathematical calculations

Job/Placement opportunities available

- a) Can join any mechanical or auto industry as a Technician and progress further as a Senior Technician, Supervisor and can rise up to the level of Manager
- b) Can work in Structural fabrication sectors like building bridges, roof structures, building and constructions
- c) Can work as tracer in State and Central Government Departments
- d) Has good opportunities in public sector industries like BHEL, BEML, NTPC, Ship Building, Defense organizations
- e) Can take contracts for drawing & tracing work from different industries
- f) Can start AUTO CAD training center.

4. Electrician

Duration: 2 years | NSQF level: 4

Course Content

- a) Electrical Safety, Personal Protective Equipment, and Tools
- b) Wiring, Termination, and Installation of Electrical Systems
- c) Solar, UPS, Inverters, and Electric Vehicle Charging Stations

- d) Power Generation, Transmission, and Substation Equipment
- e) Motor and Transformer Installation, Maintenance, and Troubleshooting

Skills Acquired

- a) Reading and Interpreting Technical Documents and Parameters
- b) Planning and Organizing Work Processes
- c) Safety, Accident Prevention, and Environmental Protection in the Workplace
- d) Applying Professional Skills and Employability Skills
- e) Quality Control, Error Identification, and Documentation in Job Execution.

Job/Placement opportunities available

- a) Career Opportunities as a Lineman, Line Helper, and Meter Reader
- b) Electrician Roles in Government, Semi-Government, and Industrial Sectors
- c) Troubleshooting and Maintenance of Electrical Equipment in Various Establishments
- d) Working as a Winder in Electrical Motor and Transformer Manufacturing
- e) Opportunities in Electrical Appliance Manufacturing and Service Centers

5. Electronics Mechanic

Duration: 2 years | NSQF level: 4

Course Content

- a) Safety, Fire Protection, and First Aid
- b) Trade Tools, Equipment, and Basic Electrical Measurement
- c) Soldering Techniques and Circuit Construction
- d) Computer Assembly, OS Installation, and Internet Usage
- e) Sensor Systems, Troubleshooting, and Electronics Projects

Skills Acquired

- a) Basic Workshop Operations and Safety
- b) Measurement, Soldering, and Component Handling
- c) Circuit Assembly, Testing, and Troubleshooting
- d) Computer System Installation, Interfacing, and IoT Applications
- e) Solar Panel Installation, Testing, and LCD/LED TV Troubleshooting

Job / Placement Opportunities Available

- a) In Electricity department as “Meter Reader”.
- b) In Police Department as “Wireless operator”, Automobile sector and all Major Electronics/ Electrical Industries.
- c) Can set up Electronics Repair centers for Industrial as well as Domestic appliances.

6. Fitter

Duration: 2 years | NSQF level: 4

Course Content

- a) Basic Fitting and Allied Trades (Sheet Metal, Welding, etc.)
- b) Precision Fitting, Safety, and Power Tool Operation
- c) Advanced Operations (Drilling, Turning, Reaming, Tapping)
- d) Complex Assembling, Fitting, and Repair of Power Transmission Systems
- e) Professional Knowledge and Core Skills (Materials, Tolerance, Engineering Drawing)

Skills Acquired

- a) Selection of materials, tools, and equipment for production or repair.
- b) Precision work using processes like sawing, filing, grinding, and drilling.
- c) Interpreting technical drawings and measuring with tools like micrometers and gauges.
- d) Assembling, repairing parts, and performing machine maintenance or constructing circuits.
- e) Demonstrating problem-solving, teamwork, communication skills, and mechanical aptitude.

Job/Placement opportunities available

- a) Bench fitter in manufacturing industries
- b) Maintenance fitter in shipping industries and oil rigs
- c) Fabricator for windows/shutter in small workshops
- d) Stores clerk in an Engineering store

7. Information & Communication Technology System Maintenance

Duration: 2 years | NSQF level: 4

Course Content

- a) Analog and Digital Electronics: System and Application Software
- b) Hardware Troubleshooting, Upgrading, and Maintenance of Computer Devices
- c) Installation and Configuration of Operating Systems (Windows/Linux Server)
- d) Cloud Computing Concepts and Setup
- e) Networking System Setup, Configuration, and Network Security Management

Skills Acquired

- a) Layout, installation and upgrading of new system,
- b) Security and access restrictions to determine hardware configurations.
- c) Solving problems of communications hardware and software.
- d) Monitors system performance.

Job/Placement opportunities available

- a) Computer System Maintenance Personnel
- b) Supervisor in Electronic Assembly Units
- c) Electronic Technician (Assembly, Test, Maintenance, Troubleshooting & Quality control)
- d) Maintenance Personnel for Hardware
- e) Setup & Maintain Cyber Cafe's Internet, E-mail & Allied Communications & Software Services

8. Instrument Mechanic

Duration: 2 years | NSQF level: 4

Course Content

- a) Safety and environment, use of fire extinguishers and artificial respiration.
- b) Study various types of instruments, constructions and identify various parts and section among other relevant subject-topics

Skills Acquired

- a) Mechanic precision instrument, general, Technician instrumentation, mechanical functional tester

Job/Placement Opportunities available

- a) Career Opportunities for Instrument Technicians

- b) Setting Up Independent Businesses
- c) Industrial Instrumentation in Process Control Systems
- d) Annual Maintenance Contracts (AMC) for Automotive and Industrial Systems
- e) Specialized Industries for Instrument Technicians

9. Machinist

Duration: 2 years | NSQF level: 4

Course Content

- a) Safety, Basic Fitting Operations, and Precision Fits
- b) Lathe and Slotting Machine Operations
- c) Conventional Milling and Advanced Milling Operations
- d) CNC Turning, Milling Operations, and Complex Component Machining
- e) Core Skills Development: Workshop Calculations, Engineering Drawing, and Employability Skills.

Skills Acquired

- a) Metal Cutting and Grinding Machine Operation and Setup
- b) Measurement, Marking, and Preparation of Metal for Machining
- c) CNC Programming, Process Planning, and Setup
- d) Identifying and Resolving Machining Issues
- e) Teamwork, Communication, and Focus on Productivity and Self-Learning.

Job/Placement opportunities available

- a) There is a high demand for Machinists in prominent industries such as Goa Shipyard, Mormugao Port Authority (MPA), A.C.G.L. and various small-scale industries located across industrial estates.
- b) A skilled machinist has the potential to start his/her own workshop, providing a range of machining services and products.
- c) A Machinist can also operate as a subcontractor, supplying components to auxiliary units and fulfilling specialized job orders.

10. Mechanic Auto Electrical and Electronics

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Interpreting Technical Documents for Automotive Electrical Systems
- b) Identifying Tools, Equipment, and Materials for Diagnostics and Repairs
- c) Adhering to Safety and Environmental Protocols in Auto Electrical Work
- d) Troubleshooting and Maintaining Automotive Electrical and Electronic Systems
- e) Documenting Repairs, Maintenance, and Technical Parameters

Skills Acquired

- a) Installing and Overhauling Vehicle Electrical Components
- b) Examining Vehicle Batteries and Testing Performance
- c) Diagnosing and Repairing Faulty Vehicle Wiring
- d) Testing and Adjusting Engine Electrical Components
- e) Dismantling and Repairing Electrical Units and Fittings

Job/ Placement Opportunities available

- a) Auto Electricians/Vehicle Diagnostic Specialists
- b) Fleet Maintenance Electricians/Battery Technicians

- c) Motor, Alternator, and Generator Repairs
- d) Electrical Systems Installers
- e) Entrepreneurial Opportunities/Electric Vehicle Technicians

11. Mechanic Consumer Electronic Appliances

Duration: 2 years | NSQF level: 4

Course Content

- a) Domain Area: Theory and Practical Knowledge
- b) Core Area: Employability Skills and Life Skills
- c) Electronic Components, Appliances, and Soldering Techniques
- d) Power Supply Systems, Computer Hardware, and Networking
- e) Digital Electronics, Microcontrollers, and Fiber Optics

Skills Acquired

- a) Diagnosing and Repairing Electronic Devices and Appliances
- b) Circuit Designing and Soldering/Desoldering Techniques
- c) Troubleshooting Electrical and Electronic Faults
- d) Using Measurement Tools: Multimeter, Oscilloscopes, and Soldering Stations
- e) Servicing Household Appliances: TVs, Refrigerators, Washing Machines, etc.

Job/ Placement Opportunities available

- a) Consumer Electronics Repair and Maintenance Careers
- b) Optical Fibre Technician and Field Technician Opportunities
- c) Home Appliance Service Engineer and Television Repair Technician
- d) Cable Television Installer Jobs
- e) Self-Employment and Electronics Service Centers

12. Mechanic Diesel

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Safety and Tool Handling
- b) Engine Dismantling and Overhauling
- c) Engine System Maintenance
- d) Electrical and Hydraulic Systems
- e) Welding and Fitting

Skills acquired

- a) Measuring, Marking, and Basic Operations
- b) Electrical and Hydraulic Testing.
- c) Diesel Engine Maintenance and Overhauling
- d) Emission Monitoring and Vehicle Diagnosis
- e) Technical Knowledge and Application

Job /Placement Opportunities

- a) Employment Opportunities in Central & State Government Establishments
- b) Career Progression in Industry: Technician to Manager

- c) Entrepreneurship Opportunities in the Related Field
- d) Apprenticeship Programs and National Apprenticeship Certificate (NAC)
- e) Crafts Instructor Training Scheme (CITS) and Advanced Diploma (Vocational) Courses.

13. Mechanic Electric Vehicle

Duration: 2 years | NSQF level: 4

Course Content

- a) Introduction to Electric Vehicles
- b) Electric Vehicle Powertrain
- c) Energy Management System (EMS)
- d) Vehicle Dynamics and Performance
- e) Charging Infrastructure
- f) Electric Vehicle Maintenance and Repair

Skills acquired

- a) Electric Vehicle Systems Knowledge
- b) Battery Maintenance and Repair
- c) Electric Drive Motors and Charging Systems

Job/ Placement Opportunities available

- a) This trade provides practical skills for Maintenance technician - Service Workshop, AC Specialist, Fitter Automobile, Auto Service Technician.

14. Mechanic Motor Vehicle

Duration: 2 years | NSQF level: 4

Course Content

- a) Measuring & Marking Tools
- b) Engine Dismantling & Assembly of Light Motor Vehicle and Heavy Motor Vehicle
- c) Vehicle Diagnosis & Repair
- d) Electrical Troubleshooting & Repair
- e) Vehicle Air Conditioning & Electric Vehicle Study

Skills Acquired

- a) Repair and Maintenance of Vehicles (LMV & HMV)
- b) Overhauling of Auto Components (LMV & HMV)
- c) Diagnosis and Repair of Electrical/Electronic Components in Vehicles
- d) Servicing of Air Conditioning Systems in Automobiles (LMV & HMV)
- e) Servicing, Maintenance, and Inspection of Electric Vehicles

Job /Placement Opportunities

- a) Automobile Service Centers and Repair Stations
- b) Tyre Shops, Battery Charging Stations, and Spare Part Shops
- c) Opportunities in Government and Defense Sectors (Indian Railways, Army, Navy, DRDO, ISRO)
- d) Vehicle-Related Businesses: Rental, 2nd Hand Dealers, and PUC Centers
- e) Public Sector Opportunities: Transport Corporations, Shipyards, and PWD/WRD.

15. Mechanic Two & Three Wheeler

Duration: 1 year | NSQF level: 3.5

Course Content

- General servicing, engine overhauling, basic electric testing and overhauling of steering and suspension system of two and three wheelers
- Overhaul automatic/manual transmission of two and three wheelers
- Overhaul LPG/CNG fuel supply system and check exhaust smoke
- Servicing and maintenance of electric two and three wheelers
- Survey of fuel injection system components

Skills Acquired

- Repair, service, and overhaul motorcycles, auto rickshaws, and scooters.
- Examine and locate faults, dismantle parts like the engine, ignition system, dynamo etc.
- Grind valves, set timings, reline brakes, re-bush steering mechanisms, and replace worn-out parts.
- Assemble components such as the gearbox, clutch, carburetor, driving chain, wheels, silencer, and brake levers, and adjust control cables.
- Change engine and gearbox oil, start and tune the engine, and test vehicle performance on the road, making adjustments as needed.

Job /Placement Opportunities

- Starting own automotive repair workshop
- Setting up a Spare Parts and Battery Repair Shop
- Becoming an Auto Electrician
- Apprenticeship Opportunities in Automotive Trades
- Educational Path: Appearing for 10+2 Examination

16. Plumber

Duration: 1 year | NSQF level: 2.5

Course Content

- Basic Plumbing Techniques and Tools
- Water System Installation and Maintenance
- Advanced Plumbing Systems: Rainwater Harvesting and Fire Sprinklers
- Troubleshooting and Repair Techniques in Plumbing
- Professional Skills and Employability in Plumbing

Skills Acquired

- Plumbing System Installation and Maintenance
- Pipe Cutting, Threading, and Bending Techniques
- Tools and Equipment for Plumbing: Pumps, and Testing Tools
- Troubleshooting, Leak Testing, and Pressure Control
- Advanced Plumbing Technologies: Sanitary Systems, Rainwater Harvesting, and Fire Sprinklers

Job/Placement opportunities available

- Government and Private Sector Job Opportunities for Plumbers
- Job Roles: Pump Operator, Plumbing Supervisor, and Pipe Fitter
- Plumbing Careers in Shipbuilding and Oil Refineries
- Self-Employment Opportunities in Plumbing
- Establishing Plumbing Maintenance and Hardware Services

17. Refrigeration & Air Conditioning Technician

Duration: 2 years | NSQF level: 4

Course Content

- a) Personal and machinery safety in refrigeration workshops.
- b) Handling tools, instruments, and equipment for refrigeration systems.
- c) Installation, servicing, troubleshooting, and repair of various refrigeration systems (refrigerators, ACs, car AC systems).
- d) Servicing components of Central AC systems (compressors, condensers, evaporators, etc.).
- e) Maintenance and fault finding in advanced systems (VRV/VRF, Central AC, Ice plants, cold storage).

Skills Acquired

- a) Repair, service, and maintain domestic refrigerators and air conditioners.
- b) Install air conditioning systems effectively.
- c) Service and troubleshoot commercial refrigeration and AC system
- d) Maintain and service automobile air conditioning systems.

Job/Placement Opportunities Available

- a) Work as Refrigeration and AC Technician in industries such as:
- b) Chemical, Pharmaceutical, and Beverage plants.
- c) Manufacturing companies (e.g., Godrej, LG, Blue Star, Voltas, Daikin, IFB).
- d) Progress to senior positions, including Senior Technician roles.
- e) Pursue entrepreneurship in servicing or sales of refrigeration and AC equipment.
- f) Join the global workforce, with demand in US, Canada, Gulf Nations, supported by an expected industry growth of USD 104.19 billion by 2029.
- g) Enroll in an Apprenticeship Program for a National Apprenticeship Certificate (NAC).
- h) Opt for the Crafts Instructor Training Scheme (CITS) to become I.T.I. instructors.

18. Solar Technician (Electrical)

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Basics of Electrical and Solar Energy Systems
- b) Solar PV System Design, Installation, and Commissioning
- c) Operation, Maintenance, and Troubleshooting of Solar PV Systems
- d) Energy Storage Solutions and Grid Integration
- e) Safety Practices, Standards, and Smart Solar IoT Integration

Skills Acquired

- a) Technical Proficiency in Solar PV Systems Design, Installation and Commissioning.
- b) Problem-Solving and Troubleshooting
- c) Site Survey, System Design and Optimization
- d) Safety and Compliance Adherence

Job/Placement opportunities available

- a) Solar Installation Technician
- b) Solar System Maintenance Engineer
- c) Solar Project Supervisor
- d) Sales Executive
- e) Solar Manufacturing Technician

19. Turner

Duration: 2 years | NSQF level: 4

Course Content

- Basic Fitting and Turning Operations, including lathe alignment testing.
- Thread Cutting (BSW, Metric, Square, ACME, Buttress) and taper/angular turning.
- CNC Training for job setup, operation, and special operations like worm shaft cutting.
- Producing Precision Components with high accuracy ($\pm 0.02\text{mm}$, $\pm 0.05\text{mm}$).
- Professional Knowledge and Core Skills in cutting tools, quality control, workshop calculations, and engineering drawing.

Skills Acquired

- Select and secure materials, set up machines, and use cutting tools to produce metal components.
- Control feed, speed, and coolant flow during operations like taper turning and screw cutting.
- Use measuring instruments to ensure accuracy in component production.
- Operate CNC machines, prepare part programs, and make adjustments as necessary.
- Plan, organize work, troubleshoot issues, and communicate effectively in technical English.

Job/Placement opportunities available

- Pursue careers as skilled Turners in industries like MPT, Goa Shipyard, A.C.G.L. and Chowgule Industries.
- Work in small-scale industries across industrial estates.
- Establish small-scale manufacturing units specializing in components like nuts, bolts, shafts, gears, pins, pulleys, and crankshafts.
- Serve both local and industrial markets with precision component production.
- Explore self-employment and entrepreneurship opportunities in the manufacturing sector.

20. Welder

Duration: 1 year | NSQF level: 2.5

Course Contents

- Trade Theory and Practical Skills in Welding
- Core Areas: Workshop Calculation & Science, Engineering Drawing, Employability Skills
- Group Projects and Extracurricular Activities for Confidence Building
- Professional Knowledge and Skills Development for Welding
- Preparation for Effective Performance in the Welding Profession

Skills Acquired

- Electric Resistance Welding
- Gas Cutting and Brazing
- Tungsten Inert Gas (TIG) Welding
- Gas Metal Arc/Metal Inert Gas/Metal Active Gas (MIG/MAG/GMAW) Welding
- Plasma Cutter, Electric Arc Welder, Gas Welder, Pipe Welder.

Job/Placement opportunities available

- Can work as welding technician, fabricator, or inspector in construction, automotive, and manufacturing industries.
- Take maintenance welding work, freelance work
- Become a trainer/instructor in vocational schools.

21. Wireman

Duration: 2 years | NSQF level: 3

Course Content

- a) Safety, Environment, and Electrical Parameter Measurement
- b) Generation, Transmission, and Distribution of Electrical Power
- c) AC/DC Machines, Transformers, and Motor Starter Maintenance
- d) Commercial and Industrial Wiring, Inverter, and CCTV Installation
- e) Solar Power Systems and Electric Vehicle Charging System Training.

Skill acquired

- a) Reading and Drawing Electrical Schematic Diagrams of Power and Control Circuits
- b) Wiring Control Panels and Assembling Electrical Accessories
- c) Repair and Assembly of Simple Electronic Circuits
- d) Installation and Repair of Domestic Appliances (Kettles, Fans, Washing Machines, etc.)
- e) Troubleshooting and Repair of Electrical Faults in Refrigerators and AC Units.

Job/Placement opportunities available

- a) Job Opportunities in the Electricity Department and Power Sector
- b) Roles in Power Generation, Transmission, and Distribution
- c) Career Paths in Private and Government Sectors
- d) Self-Employment and Licensing for Electrical Contractors
- e) Setting Up Electrical Workshops and Installation Services

22. Wood Work Technician

Duration: 1 year | NSQF level: 2.5

Course Content

- a) Safety Training: First Aid, Firefighting, and Environmental Regulations
- b) Identification and Handling of Timber/Wood and Measuring Tools
- c) Surface Finishing Techniques: Painting, Polishing, and Varnishing
- d) Wood Cutting Techniques: Ripping, Cross Cutting, and Curve Cutting
- e) Repair and Maintenance of Roof Trusses, Doors, Windows, and Shutters.

Skills Acquired

- a) Carpentry
- b) General making, assembling, alter and repairs of wooden structures and articles
- c) Select timber/wood to suit requirement
- d) Calculate quantity of timber required

Job/Placement Opportunities available

- a) Work as a Wood work technician in any woodwork industry or in any Government department such as PWD, MPT, Military, Nehru Science Centre, Zuari furniture, Gautier furniture, etc.
- b) Start a small carpentry workshop initially and manufacture different types of furniture, later expand business and give employment to unemployed skilled workers.

23. Waste Management Technician

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Learning fundamentals of solid waste management and environmental sanitation.

- b) Identification and classification of different types of waste (biodegradable, non-biodegradable, hazardous, e-waste, biomedical, etc.).
- c) Collection, segregation, storage, and transportation of municipal solid waste.
- d) Operation and maintenance of waste handling equipment and tools.
- e) Processing and treatment methods: composting, recycling, waste-to-energy, biomethanation, etc.

Skills Acquired

- a) Planning and managing waste collection and segregation activities.
- b) Performing door-to-door waste collection and field survey practices.
- c) Operating composting units, shredders, and basic waste processing systems.
- d) Identifying recyclable materials and supporting recycling processes.
- e) Applying safety standards and handling waste in a hygienic manner.

Job/Placement Opportunities available

- a) Introduction to Waste Management Systems and Practices
- b) Collection and Segregation Supervisor
- c) Composting and Recycling Plant Operator
- d) Employment in Municipal Bodies / Panchayats / NGOs
- e) Opportunities in Waste Management Startups and Entrepreneurship

NON-ENGINEERING TRADES

1. Computer Operator and Programming Assistant (COPA)

Duration: 1 year | NSQF level: 3.5

Course Contents

- a) Computer Hardware basics and Software Installation, MS-Windows, MS-Dos, Linux, MS-Office, Open Office, MySQL, Networking, HTML, CSS, Programming with JavaScript & Python, Cyber Security, Cyber Law, E-Commerce, Advanced MS-Excel, Power Query and Power BI

Skills acquired

- a) Learn about computer hardware, software and applications including Spreadsheets, Word processing, presentations, databases, computer networks, devices and configuration, Static web page designing and programming skills, Data Analysis

Job/Placement opportunities available

- a) Computer/Data entry Operator
- b) Data Analyst
- c) Hardware/Network technician
- d) Technical Support Assistant
- e) Back-office assistant
- f) Account clerk
- g) Faculty in Training Institutions
- h) Junior Programmer/Developer

2. Computer Hardware & Network Maintenance

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Basics of electronic components, SMPS
- b) Assembly and repairs of Computers and Laptops
- c) Windows and Linux Desktop and Server OS, Firewall
- d) Data backup
- e) MS-Office
- f) Printers and scanners
- g) Networking and Configuration of Modem, Routers and Access points; IP addressing techniques; Configuring managed switches, VLAN, network security, network simulators; Cloud computing.

Skills Acquired

- a) Computer Hardware & Networking Skills
- b) Desktop and laptop Assembly and repairs
- c) Preventive maintenance and troubleshooting
- d) System optimization of Windows and Linux OS, Servers,
- e) MS Office – Word, Excel, PowerPoint, Network design, layout and installation.

Job/Placement opportunities available

- a) Hardware/ Network Technician
- b) Technical Support Assistant
- c) Hardware Analyst
- d) Network Administrator
- e) IT Lab Assistant, Office Assistant
- f) Instructor in Training Institutions
- g) IT Help Desk Technician

3. Cosmetology

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Occupational Safety, Health, Hygiene, and First Aid in the Beauty Industry.
- b) Hair and Skin Treatments: Structure, Growth Cycles, and Problem-Specific Care.
- c) Manicure, Pedicure, and Facial Treatments for Different Skin Types.
- d) Makeup Techniques: Day, Evening, Bridal, and Corrective Makeup.
- e) Hair Styling, Coloring, and Temporary Design Techniques (Henna, Bindi, Saree Draping)

Skills acquired

- a) Basic Epilation, Manicure, Pedicure, and Nail Art Techniques.
- b) Haircuts, Advanced Haircuts, and Hair Styling Techniques.
- c) Hair Treatments: Coloring, Straightening, Rebonding, and More.
- d) Makeup Techniques, Corrective Makeup, and Temporary Design (Bindi, Henna, Tattoos)
- e) Yoga Asanas, Meditation, and Operation of Beauty & Hair Equipment.

Job/ Placement opportunities available

- a) Career Opportunities in Hotels and Cruise Lines.
- b) Beautician Roles in Beauty Parlors, Film Industry, and International Opportunities.
- c) Opportunities as a Gym Instructor and Health & Fitness Club Counsellor.
- d) Self-Employment and Entrepreneurship in Beauty Care (Beauty Parlour Setup).
- e) Freelancing in Hair & Skin Treatments, Bridal Makeup, Mehendi Designing, and Fashion Shows.

4. Desktop Publishing Operator

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Computer Hardware and Software installation
- b) Windows Operating system
- c) MS-Office (Word, Excel PowerPoint)
- d) Open Office
- e) Networking concepts
- f) Cloud computing
- g) Page layout application
- h) Image Editors & Graphic Designing applications
- i) Prepress and Printing

Skills Acquired

- a) Learn Computer Hardware
- b) Printers & Scanners
- c) Basic Networking and Software applications for Word processing, Spreadsheet, Presentation
- d) Image editing
- e) Publishing Page layout
- f) Create Graphic Design for both online and printed publications
- g) Learn Prepress and various types of Printing skills.

Job/Placement opportunities available

- a) Computer Operator
- b) Graphic Designer
- c) DTP Operator
- d) Data Entry Operator/Typist
- e) Office Assistant
- f) Faculty in training Institutes
- g) Print Production Coordinator
- h) Prepress Operator and Large format printing operator.

5. Digital Photographer

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Lighting Techniques and Specialized Setups for Photography
- b) Digital Editing, Image Processing, and Photo Sharing
- c) Photography Techniques and Specializations (Portraits, Fashion, Wildlife, etc.)
- d) Videography, Video Editing, and Audio Synchronization
- e) Graphic Design and Specialized Photography (Aerial, Industrial, Event Coverage)

Skills Acquired

- a) Trainees will develop expertise in:
- b) Advanced lighting techniques for professional photography and videography.
- c) Capturing high-quality photographs in various genres such as sports, wildlife, fashion, and events.
- d) Audio-video recording, mixing, and editing for media production.
- e) Shooting and editing videos for diverse applications including advertisements, news, interviews, and live broadcasts.
- f) Mastering graphic designing and creating professional visual content.
- g) Aerial photography techniques for unique perspectives.

Job/Placement Opportunities

- a) Start a photography business specializing in events such as weddings, parties, and seminars.
- b) News reporting, writing, and editing for media outlets.
- c) Operating digital still and movie cameras for film and media production.
- d) Audio/video recording and editing services for documentaries, advertisements, and music videos.
- e) Creation of professional audio and video CDs, films, and multimedia content.

6. Dress Making

Duration: 1 year | NSQF level: 2.5

Course Content

- a) Basic Skills: Hand Stitching, Garment Components, and Fastener Fixing
- b) Sketching, Drafting Patterns, and Using Corel Draw for Fashion Design
- c) Creating Block Patterns and Draping Techniques for Basic Garments
- d) Pattern Grading and Making Markers for Different Garments
- e) Using Fabric Textures and Designs to Create Frocks, Blouses, Shirts, and Trousers

Skills Acquired

- a) Pattern making, Drafting, Cutting and Stitching of latest Kids wear, Ladies wear and Gents wear.
- b) Designing, Manipulation Technique, Draping Technique, Sketching, Colour Theory and also get trained on Specialized heavy duty Industrial Sewing Machines.

Job/Placement opportunities available

- a) Joining Crafts Instructor Training Scheme (CITS) for I.T.I. Instructor Roles
- b) Pursuing Advanced Diploma (Vocational) Courses under D.G.T.
- c) Progressing from Craftsman to Senior Craftsman, Supervisor, and Manager
- d) Becoming an Entrepreneur in the Related Field
- e) Opportunities in Designer Assistance and National Apprenticeship Certificate (NAC)

7. Drone Pilot (Junior)

Duration: 6 Months | NSQF level: 3

Course Content

- a) Learning fundamentals of flight using Quadcopters/Drones using Simulators.
- b) Identifying and selecting various parts of Quadcopters/Drones.
- c) Assembling and test flying.
- d) Performing installation and maintaining ground control station.
- e) Planning and flying Drone in various types of environments and scenarios.
- f) Interpreting and implementing DGCA safety rules and regulations.
- g) Applying emergency protocols to control and manage flights.

Skills Acquired

- a) Planning flight and flying various types of Drones (Agriculture, Surveillance and Survey Drones)
- b) Performing pre-flight checklist and debugging common issues
- c) Assembling and test flying custom built Quadcopters/Drones
- d) Applying DGCA Safety regulation and guidelines
- e) Using ground control station and allied software

Job/Placement opportunities available

- a) Introduction to Drone Technology
- b) Drone Pilot Skills and Training
- c) Career Opportunities for Drone Pilots
- d) Drone Service Centres and Entrepreneurship
- e) Advancements in Drone Applications

8. Drone Technician

Duration: 6Months | NSQF level: 3

Course Content

- a) Learning fundamentals of flight using Quadcopters/Drones using Simulators.
- b) Identifying and selecting various parts of Quadcopters/Drones.
- c) Assembling and test flying.
- d) Performing installation and maintaining ground control station.
- e) Planning and flying Drone in various types of environments and scenarios.
- f) Interpreting and implementing DGCA safety rules and regulations.
- g) Applying emergency protocols to control and manage flights.

Skills Acquired

- a) Planning flight and flying various types of Drones (Agriculture, Surveillance and Survey Drones)
- b) Performing pre-flight checklist and debugging common issues
- c) Assembling and test flying custom built Quadcopters/Drones
- d) Applying DGCA Safety regulation and guidelines
- e) Using ground control station and allied software

Job/Placement opportunities available

- a) Introduction to Drone Technology
- b) Drone Pilot Skills and Training
- c) Career Opportunities for Drone Pilots
- d) Drone Service Centres and Entrepreneurship
- e) Advancements in Drone Applications

9. Driver cum Mechanic LMV

Duration: 6Months | NSQF level: 2

Course content

- a) Driving Light Motor Vehicles and Ensuring Road Worthiness
- b) Pre-operational Checks and Vehicle Maintenance
- c) Following Traffic Regulations and Practicing Safe Road Conduct
- d) Basic Vehicle Servicing and Troubleshooting
- e) Effective Communication and Understanding Technical English in the Trade

Skills Acquired

- a) To drive light motor safety & efficiently.
- b) To collect passenger or goods as per the information received from office.
- c) To maintain the vehicles in good conditions doing Pre- checks before starting the vehicles.
- d) Maintain operating vehicles economically by achieving good KMPL and better tire life.

Job/Placement Opportunities available

- a) Can work as a driver in any workshop, factory or in service centre.

- b) Can start taxi business giving vehicle on hire business setting up own workshop, private service centre, driving school.

10. Fashion Design and Technology

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Familiarization with Tools, Sewing Machines, and Design Techniques
- b) Creating Fashion Sketches, Croquis, and Garment Details
- c) Fabric Rendering, Embroidery Motifs, and Machine Stitching
- d) Using Corel Draw for Design and Fashion Accessory Creation
- e) Draping Techniques, Fashion Merchandising, and Project Work.

Skills Acquired

- a) Creating and Designing Patterns for Men's, Women's, and Children's Clothing
- b) Studying Existing Styles and Generating New Design Ideas
- c) Drawing Full-Scale Garment Designs and Creating Paper Patterns
- d) Overseeing Fabric Cutting, Sample Garment Stitching, and Fitting
- e) Adjusting Patterns, Creating Specifications, and Supervising Production.

Job/Placement Opportunities available

- a) A trainee can become Fashion designer, Textile Designer, Costume designer, etc.
- b) The Trainee can start her own retail store.
- c) They can become entrepreneurs in Textile and apparel industry.

11. Fire Technology and Industrial Safety Management

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Chemistry of Combustion and Anatomy of fire
- b) Fire Extinguishers
- c) Hose & Hose fittings
- d) Hydrants, Fittings, Pumps and Primers
- e) Foam & Foam Making equipment

Skills Acquired

- a) Practical firemanship
- b) Personal Protective Equipment Safety in Engineering industries
- c) Fixed firefighting equipment
- d) First Aid a Resuscitation

Job/Placement opportunities available

- a) Join industry as a Fire Technician and further progress to the position of Senior Fire Technician, Supervisor and Manager
- b) Become Entrepreneur in the related field
- c) Join as an Apprentice in different types of industries and achieve National Apprenticeship Certificate (NAC)
- d) Complete training in respective trade under Crafts Instructor Training Scheme (CITS) in concerned N.S.T.I. which will qualify the candidate to join I.T.I. as an instructor

12. Food and Beverage Service Assistant

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Proper handling of all restaurant equipments
- b) Different styles of service
- c) Procedure of Service for Guest
- d) Different types of alcoholic and non-alcoholic beverages
- e) Various Books and Records to be maintained in F&B department

Skills Acquired

- a) Different styles of Service
- b) Meet & Greet with Guest of Different profiles
- c) Basics skills of bartending, wine and food pairing

Job/ Placement opportunities available

- a) In starred Hotels, Airlines, Cruise lines, Multiplexes, MNC's.

13. Food Production (General)

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Trade Tools, Kitchen Equipment, and Kitchen Operation Processes
- b) Personal Hygiene, Cleanliness, and Food Handling in the Kitchen
- c) Vegetable Cuts, Miseen Place, and Various Cooking Methods
- d) Ala-Carte Menu Preparation, Soups, Meat Dishes, and Bakery/Pastry Items
- e) Exploring Different Cuisines (Indian, Continental, Chinese) and On-the-Job Training (OJT) Experience

Skills acquired

- a) Cook Institutional: Preparing Soups, Meats, Vegetables, Desserts, and Other Foods for Hotels and Restaurants
- b) Cook Domestic: Meal Preparation, Menu Planning, and Cooking for Private Households
- c) Cook Baker: Preparing Bakery Items and Pastries (Bread, Rolls, Cakes, etc.)

Job/ Placement opportunities available

- a) Self-Employment/Entrepreneurship in Restaurant and Catering Establishments
- b) Opportunities in Catering and Restaurant Management for Career Growth and Business Start-ups.
- c) Work in starred Hotels, Catering companies, Cruise lines

14. Front Office Assistant

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Interpersonal Communication
- b) Customer service skills

- c) Reservation and Types of Reservation
- d) Check-in & check-out procedure
- e) Up-selling & Suggestive-selling
- f) Folios & Night audit procedure

Skills Acquired

- a) Communication, Customer service skills, Conflict Management, Selling Techniques.

Job/ Placement opportunities available

- a) Starred Hotels, Airlines, Cruise lines, Showrooms/Multiplex, Hospitals.



15. Housekeeper

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Housekeeping Structure and Operation in Hospitality Industry
- b) Personal Hygiene, Cleanliness, and Sanitation Principles
- c) Elementary First Aid and Firefighting Techniques
- d) Laundry and Linen Services Management
- e) Material and Service Management Data through Basic Computer Operations
- f) On-the-Job Training for Practical Exposure in Hotels

Skills Acquired

- a) Supervision and Organization of Housekeeping Functions
- b) Ensuring Clean and Orderly Rooms and Areas as per Standards
- c) Safe Operation of Cleaning Equipment and Materials
- d) Staff Supervision and Adherence to Health and Safety Rules
- e) Handling Guest Queries and Requests

Job/Placement opportunities available

- a) In Hotels, Airlines, Cruise Liners, Catering Companies, Clubs
- b) Can start own business/Contract agency providing services to different small and big establishments, Corporate offices, Conferences, Residential areas, etc.



16. Marketing Executive

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Computer and Internet Skills
- b) Communication Skills and Functional Grammar
- c) MS Office Applications (Word, Excel, PowerPoint)
- d) Report Preparation, Role Playing, and Presentations
- e) Entrepreneurship: Product Design, Pricing, and Marketing

Skills Acquired

- a) Excellent communication skill and ability to network.
- b) Creativity, writing and design skills
- c) Team working skills
- d) Commercial awareness



Job/ Placement opportunities available:

- a) Can be employed in multinational company as Marketing Executive
- b) Can be employed with marketing agencies
- c) Can work with consulting firms that provide marketing service.
- d) Can be a free lancing offering marketing service

17. Multimedia, Animation & Special Effects

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Safety, Environment, and Computer Peripherals (Including MS Office & Software Installation)
- b) Photography, Image Editing, and Digital Painting with Adobe Photoshop & Illustrator
- c) Videography, Film Making, and Video Streaming Techniques
- d) Internet Browsing, Video Downloading, Cybersecurity, and Data Protection
- e) Advanced Animation and 3D Design with Flash, 3Ds Max, and Maya

Skills Acquired

- a) Multi Media Artist and Animator
- b) Story Development, Cinematography, and Animation Direction
- c) Creating and Assembling Digital Art, Storyboards, and Special Effects
- d) Techniques for 2D and 3D Animation, Modeling, and Visual Design
- e) Designing Graphics and Multimedia Content for Various Applications
- f) Cameraman (Animation) Responsibilities: Camera Operation, Lighting, and Film Processing for Animation

Job /Placement opportunities available

- a) Work with Newspaper/Advertising agencies and News Channels
- b) Work with Event management companies.
- c) Start own business doing News Reporting/Writing and Editing
- d) Operate Lighting and Sound consoles, Operate Digital Still and Movie Cameras
- e) Carry out Audio/Video recording and editing, Make Audio and Video CD's, Films etc.

18. Secretarial Practice (English)

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Basic Computer Fundamentals & Peripherals
- b) Shorthand Writing, Translation, and Note Taking Techniques
- c) MS-Word, Excel & PowerPoint Proficiency
- d) Internet Skills and Online Communication
- e) Office Management and Documentation

Skills Acquired

- a) Clerical and Administrative Functions
- b) Office Equipment Operation
- c) Computer Applications (Word Processing, Spreadsheet, Database Management)

Job/Placement opportunities available

- a) Government Offices

- b) Judiciary and Legislatures
- c) Public Sector Undertakings
- d) Trade, Commerce, and Industry
- e) Stenographer Roles in Police and Government Departments
- f) Self-Employment Opportunities

19. Sewing Technology

Duration: 1 year | NSQF level: 2.5

Course Content

- a) Techniques of Hand Stitching and Seam Finishing
- b) Creating and Stitching Garment Components (Collars, Sleeves, Pockets, etc.)
- c) Sketching, Drafting, and Cutting Garments for Various Clothing Types
- d) Stitching and Designing Ladies, Kids, and Gents Clothing Items
- e) Fixing Fasteners and Mending Garments (Raffu) for Repair Work

Skills Acquired

- a) Beading / Pico work, hand embroidery, garment alteration, operation on latest and advance sewing machine.
- b) Designing, pattern making, cutting and stitching latest ladies wear, kids wear and gents wear.

Job / Placement opportunities available

- a) Can be employed as an assistant to a designer, an operator or supervisor in garment industry or in tailoring industry / shops, hospitals, jails, defense forces and in the film industry.
- b) Sewing Machine operator, Assistant worker in Boutique.
- c) Can set up his/ her own tailoring shop for stitching ladies and gents garments.
- d) Can also setup a manufacturing unit of readymade garments with the help of various Government schemes.

20. Smartphone Technician cum App Tester

Duration: 6Months | NSQF level: 3.5

Course Content

- a) Safety Practices and First Aid
- b) Identifying and Checking Electronic Components in Mobile Phones
- c) Soldering/De-soldering Techniques
- d) Understanding Mobile Phone Circuits (GSM and CDMA)
- e) Exploring Basic Technologies in Smartphones and Tablets

Skills Acquired

- a) Mobile phone disassembly, assembly, and component replacement
- b) Operating System installation, troubleshooting and firmware management
- c) Mobile App testing, performance, and security
- d) Software troubleshooting, data backup, and hard drive solutions
- e) Technical communication, self-learning, and productivity enhancement

Job/Placement Opportunities available

- a) Can join industry as Technician and further progress as Senior Technician, Supervisor and rise up to the level of Manager.
- b) Can become Entrepreneur in the related field.
- c) Can join Cellphone industry, information technology department, service centre, or a computer sales environment.

- d) Can work in a mobile repairing store or at the authorized service centre or start own repair and servicing shop

21. Stenographer & Secretarial Assistant (English)

Duration: 1 year | NSQF level: 3.5

Course Content

- a) Basic Computer Skills and Internet Navigation
- b) Shorthand, Translation, and Note-taking Techniques
- c) MS-Word, Typing Speed Development, and Keyboard Proficiency
- d) MS-Excel Functions, Formulas, and PowerPoint Presentations
- e) Official Correspondence, Letter Writing, and Postal/Banking Services

Skills Acquired

- a) Shorthand Skills for Dictation and Transcription
- b) Clerical and Administrative Duties in an Organization
- c) Conference and Meeting Management (Agenda and Minutes)
- d) Drafting Correspondence and Organizational Communication
- e) Office Record Management and Organization Skills.

Job/ Placement opportunities available

- a) Government and Public Sector Roles
- b) Judiciary and Legal System
- c) Corporate and Private Sector
- d) Vocational and Educational Roles
- e) Self-Employment and Entrepreneurship

SUBJECTS TO BE STUDIED

Sr. No.	In Engineering Trade	Sr. No.	In Non-Engineering Trade
1.	Trade Theory	1.	Trade Theory
2.	Trade Practical	2.	Trade Practical
3.	Employability Skills	3.	Employability Skills
4.	Workshop Calculation & Science	4.	Additional subject related to the trade
5.	Engineering Drawing (Except for Draughtsman Mech. & Draughtsman Civil trades)		

EXAMINATIONS

ANNUAL EXAMINATIONS

Annual examinations are conducted under the aegis of N.C.V.T./S.C.V.T. for the trainees admitted in C.T.S. trades every year on completion of training as per the trade syllabus of first year/second year/respective training session (as applicable) at the end of the same sessional year/period or as declared in due course of time by D.G.T. Trainees of two years duration trades have to attempt 02 annual exams.

Trainees are allowed to appear in the All India Trade Test(A.I.T.T.) for a total of 04 attempts only (one regular and three consecutive supplementary examinations).For counting the number of attempts made by a trainee, the regular examination conducted for his/her batch (defined by the year of admission) will be considered as an attempt for him/her irrespective of him/her being fail/partially fail/absent/ineligible in that examination. Subsequently, he/she will be allowed to appear in only three consecutive(successive) supplementary examinations held/notified by the D.G.T. If a trainee does not successfully pass the AITT in the provided four attempts (one regular and three consecutive supplementary examinations), the name of the trainee will be struck-off from the portal. Such trainees will need to apply afresh for the admission if he/she desires. For a “two years” course, a trainee will be permitted to attempt the last (i.e. the third supplementary attempt) for the second-year examination only if he/she has already passed the first-year exam.

The All India Trade Test (A.I.T.T.) examination pattern is also followed for the trades under S.C.V.T. All the examinations are conducted as per the applicable norms, which may be revised from time-to-time.

INTERNAL EXAMS

Internal quarterly exams are conducted for Annual Pattern trades under C.T.S. Marks scored in above exams are considered as Formative Assessment marks.

POST I.T.I. OPPORTUNITIES

1. DIRECT ADMISSION TO SECOND YEAR IN POLYTECHNIC INSTITUTES

The Government of Goa has provided vertical mobility option for I.T.I. pass-outs who are interested in pursuing higher studies through the Polytechnic Institutes available in Goa. A candidate who has passed S.S.C. and the qualifying examination of a two years trade from any of the I.T.I.s in Goa functioning under the Directorate of Skill Development & Entrepreneurship can directly get admission in the second year of respective Diploma course as mentioned against the I.T.I. courses listed in the table below, subject to fulfillment of other admission criteria specified in the Prospectus of Directorate of Technical Education for admission to Polytechnic. The number of seats allotted every year to I.T.I. trainees in each Diploma course are as mentioned in the table below, which may change at the discretion of Directorate of Technical Education.

The list of I.T.I. trades/courses recognized for direct admission in the second year of the respective Diploma courses are as mentioned below:

GROUP	I.T.I. TRADES / COURSES	DIPLOMA COURSES	TOTAL SEATS ALLOTTED FOR I.T.I. TRAINEES
A	Information & Communication Technology System Maintenance, Mechanic R &TV, Medical Electronics, Electronics Mechanic, Instrument Mechanic, Electrician and Courses under Centre of Excellence**(2years): Information Technology, Multiskilled Course in Electrical and Electronics***, Electrical Sector: Mechanic Electrical Vehicle (not eligible for Computer, Electronics & Comm., Electronics & Instrumentation) Mechanic Consumer Electronic Appliances (not eligible for Electrical, Electrical and Electronics) Attendant Operator Chemical Plant (eligible only for Electronics & Instrumentation)	Electrical and Electronics Engg.	1
		Computer Engg.	3
		Electronic Engg	1
		Electronics & Communication	3
		Electronics & Instrumentation	1
		Electrical Engg.	1
B	Fitter, Turner, Machinist, RAC Mechanic, Mechanic Motor Vehicle, Draughtsman(Mechanical)*, Production & Manufacturing (2years) Course under Centre of Excellence*, Diploma in Multiskilled Industrial Technology (Mechanical) under S.C.V.T* Course under Centre of Excellence*(2years): Fabrication (Fitting & Welding) *, Automobile Sector Mechanic Electrical Vehicle (not eligible for Shipbuilding, Fabrication Tech. and Erection Engg.) Attendant Operator Chemical Plant (not eligible for Automobile and Shipbuilding)	Mechanical Engg.	6
		Shipbuilding Engg.	1
		Fabrication Technology & Erection Engg.	1
C	Civil Draftsman	Civil Engg.	6
		Architecture Asstt.	2

GROUP	I.T.I. TRADES / COURSES	DIPLOMA COURSES	TOTAL SEATS ALLOTTED FOR I.T.I. TRAINEES
E	Hospitality Management (2years) Course under Centre of Excellence	Hotel Management & Catering Technology	16
GRAND TOTAL OF SEATS ALLOTTED FOR I.T.I. PASS-OUTS			42

*To be considered only for Diploma in Mechanical Engineering.

** Eligible for Diploma in Electronics & Communication only.

***Eligible for Diploma in Electrical Engineering /Electrical & Electronics Engineering.

For more information on admissions to Polytechnics, interested candidates may approach the Directorate of Technical Education, Porvorim or the Principal of respective Polytechnic in the State.

2. JOINING ADVANCED C.I.T.S. SKILL COURSE IN N.S.T.I.

I.T.I. pass-outs interested in pursuing any long-term advanced skills course available under the Craft Instructor Training Scheme (CITS) in various National Skill Training Institutes (N.S.T.I.) (formerly Advanced/Craftsmen Training Institute) across the country which function under the Government of India, may visit D.G.T. website at <https://dgt.gov.in/CITS> for details, check the list of courses and eligibility criteria of each, admission process, etc. and join desired course. On successful completion of the CITS course, the candidates will get an opportunity to join any I.T.I. as a Vocational Instructor subject to fulfillment of other selection criteria. Candidates with experience also have the option to complete C.I.T.S. under the Recognition of Prior Learning (RPL) mode.

3. UNDERGOING APPRENTICESHIP TRAINING IN GOVERNMENT OR PRIVATE ESTABLISHMENT

An I.T.I. pass-out on successful completion of a N.C.V.T. or S.C.V.T. affiliated course is eligible to join as an Apprentice in any of the Government or Private Establishments covered under the Apprentices Act, 1961 and registered on the Apprenticeship portal. He/she can undergo Designated/Optional Apprenticeship Trade-Training offered by such Establishments on their shop-floor/office. Such trainees are also eligible to avail training-period rebate corresponding to the period spent by them while undergoing training in the Industrial Training Institutes and so are required to undergo training in the Establishments for the remaining Apprenticeship Training period as specified against the corresponding trade.

Trainees so engaged as Apprentices in the Establishments are eligible to be paid a minimum monthly stipend as per the qualifications stipulated in the curriculum.

Some Private Sector Establishments pay stipend over-and-above the minimum rate of stipend payable to apprentices per month.

Eligibility Criteria for Candidates to Apply & Undergo Apprenticeship Training:

Any individual who has completed 14 years of age (18 years in case of Hazardous Industries defined under the Apprenticeship Rules) and possesses minimum educational qualification prescribed for a trade can undergo apprenticeship training.

For more details, interested candidates may also visit <http://www.apprenticeshipindia.gov.in>

4. ACADEMIC EQUIVALENCE TO I.T.I. COURSES

In pursuance to publication of Official Gazette Notification No. GBSHSE/Acad/ITI/2025/1969 dated 22nd September 2025 and Corrigendum No. GBSHSE/ACAD/2025/56 dated 06th January 2026 by the Goa Board of Secondary and Higher Secondary Education (GBSHSE), direct equivalency of SSC/HSSC pass is granted to I.T.I. Trainees on successful completion of Craftsmen Training Scheme trade/course under N.C.V.T./S.C.V.T. having VIIIth pass or Xth pass as entry qualification respectively and on fulfilment of the following conditions:

Eligibility of Candidate on completion of Industrial Training Institute's Course to obtain equivalence of Secondary School Certificate (SSC) of the GBSHSE—

(1) A Candidate who, —

(i) After passing Class VIII (Grade 8), has completed recognized Industrial Training Institute's Course of two years' duration from a recognized centre and has passed National/State Council for Vocational Training (NCVT/SCVT) Examination with prescribed syllabus; **or**

(ii) After passing Class VIII has completed recognized Industrial Training Institute's Course of one year duration from a recognized centre and has completed one-year apprenticeship training **or** certified employment, shall be eligible for equivalence of Secondary School Certificate (SSC) and his/her Industrial Training Institute's Course Certificate shall be considered as equivalent to Class X(SSC) subject to the fulfillment of the following condition, namely: —

(a) He/She should be a resident of the State of Goa for a period of not less than three years.

Eligibility of candidate on completion of Industrial Training Institute's Course to obtain equivalence of Higher Secondary School Certificate (HSSC) of GBSHSE—

1) A Candidate who, —

(i) After passing Class X (SSC) from any recognized Board and has completed recognized Industrial Training Institute's Course of two years duration from a recognized centre and has passed National/State Council for Vocational Training (NCVT/SCVT) Examination with prescribed syllabus;

or

(ii) After passing Class X (SSC Examination) from recognized Board has completed recognized Industrial Training Institute's Course of one-year duration from a recognized centre and has completed one-year apprenticeship training **or** certified employment, shall be eligible for equivalence of Higher Secondary School Certificate (HSSC) and his/her Industrial Training Institute's Course Certificate shall be considered as equivalent to Class XII (HSSC) of the GBSHSE, subject to the fulfillment of the following condition, namely:

(i) He/She should be a resident of the State of Goa for a period of not less than three years.

For details on Academic Equivalence to I.T.I. courses, interested I.T.I. pass-outs should approach the respective I.T.I. from where he or she had passed-out and fill the application form, pay the application fee and submit the form to the same I.T.I. for onward submission to the Examination Section at the D.S.D.E. Head Office for verification and approval. The Examination Section will then submit the details of eligible candidates to the GBSHSE for issuing of SSC/HSSC pass certificates.

5. OPT FOR VERTICAL MOBILITY COURSES GRANTED BY GOA UNIVERSITY TO I.T.I. PASSOUTS

The Academic Council of Goa University has permitted vertical mobility to students who after passing Std X have completed an I.T.I. Course of two years duration (which has Std X as the eligibility/entry qualification) from recognized centers/Institutions and passed the National/State Council of Vocational Training (N.C.V.T./S.C.V.T.) examinations of prescribed syllabus and have been granted HSSC certificate by the Goa Board of Secondary and Higher Secondary Education.

The eligibility for joining a particular program under the formal education system will however be decided by the respective educational Institution based on earlier Circulars issued on the subject matter.

VASCO GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Mechanic Diesel	NCVT	1 year	48	
4	Electronics Mechanic	NCVT	2 year	24	
5	Refrigeration and Air Conditioning Technician	NCVT	2 year	24	
6	Attendant Operator Chemical Plant	SCVT	2 year	24	
7	Wireman	NCVT	2 year	20	Passed 8 th class examination
8	Solar Technician (Electrical)	NCVT	1 year	20	Passed 10 th class examination
9	Plumber	NCVT	1 year	24	Passed 8 th class examination
10	Welder	NCVT	1 year	20	
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	24	Passed 10 th class examination
2	Desktop Publishing Operator	NCVT	1 year	24	
3	Cosmetology	SCVT	1 year	24	
4	Food & Beverage Service Assistant (DST)	SCVT	1 year	20	Passed 10 th class examination or its equivalent
5	Sewing Technology	SCVT	1 year	20	Passed 8 th class examination

MARGAO GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with Vocational subject in same sector or its equivalent.
2	Electrician	NCVT	2 year	20	
3	Electronics Mechanic	NCVT	2 year	24	
4	Refrigeration & Air Conditioning Technician	NCVT	2 year	24	
5	Information & Communication Technology System Maintenance	NCVT	2 year	24	Passed 10 th class examination
6	Plumber	NCVT	1 year	48	Passed 8 th class examination
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	48	Passed 10 th class examination
2	Desktop Publishing Operator	NCVT	1 year	24	
3	Cosmetology	NCVT	1 year	48	
4	Food Production (General)	NCVT	1 year	24	
5	Food Production (General) (DST)	NCVT	1 year	24	
6	Food & Beverage Service Assistant	NCVT	1 year	20	Passed 10 th class examination or its equivalent
7	Food & Beverage Service Assistant (DST)	NCVT	1 year	20	
8	Sewing Technology	NCVT	1 year	40	Passed 8 th class examination
9	Computer Hardware & Network Maintenance	NCVT	1 year	24	Passed 10 th class examination with Science and Mathematics or with Vocational subject in same sector or its equivalent.
10	Smartphone Technician cum App Tester	SCVT	6 months	24	Passed 10 th class examination. Age limit: 14 years as on first day of academic session.
11	House Keeper (DST)	SCVT	1 year	24	Passed 10 th class examination

CACORA GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Refrigeration and Air Conditioning Technician	NCVT	2 year	24	
4	Mechanic Motor Vehicle	NCVT	2 year	24	
5	Mechanic Diesel	NCVT	1 year	48	
6	Wireman	NCVT	2 year	20	Passed 8 th class examination
7	Plumber	NCVT	1 year	48	
8	Welder	NCVT	1 year	40	
9	Wood Work Technician	NCVT	1 year	24	Passed 10 th class examination
10	Mechanic Electric Vehicle	NCVT	1 year	24	
11	Solar Technician (Electrical)	NCVT	1 year	20	
12	Electrician	SCVT	2 year	20	Passed 10 th Class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
13	Mechanic Consumer Electronic Appliances	SCVT	2 year	24	
14	Waste Management Technician	SCVT	1 year	20	
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	24	Passed 10 th class examination
2	Desktop Publishing Operator	NCVT	1 year	24	
3	Cosmetology	NCVT	1 year	24	
4	Sewing Technology	NCVT	1 year	20	Passed 8 th class examination
5	Fire Technology & Industrial Safety Management	NCVT	1 year	24	a) Passed class 10 th examination or its equivalent b) The minimum physical requirements are: Height – 165 cms, Weight – 52 Kg, Chest- Normal 81 cm, Expanded 85 cms and a registered MBBS Doctor must verify that the candidate is medically fit to undertake the course
6	Food Production (General) (DST)	SCVT	1 year	24	Passed 10 th class examination
7	Food & Beverage Service Assistant (DST)	SCVT	1 year	20	Passed 10 th class examination or its equivalent
8	Drone Pilot (Junior)	SCVT	6 months	24	Passed 10 th Class examination with Science and Mathematics or with vocational subject in same sector or its equivalent and should have completed 18 years of age as on first day of academic session
9	Drone Technician (Admission to this trade will be started in second session)	SCVT	6 months	24	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent and should have completed 16 years as on first day of academic session.
10	Driver Cum Mechanic (LMV)	SCVT	6 months	20	Passed 8 th class examination and should have completed 18 years of age as on first day of academic session.

CANACONA GOVERNMENT ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Mechanic Diesel	NCVT	1 year	24	
4	Electronics Mechanic	NCVT	2 year	24	
5	Wireman	NCVT	2 year	20	Passed 8 th class examination
6	Plumber	NCVT	1 year	24	
7	Welder	NCVT	1 year	20	
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	NCVT	1 year	24	Passed 10 th class examination
2	House Keeper (DST)	NCVT	1 year	24	
3	Food Production (General) (DST)	NCVT	1 year	24	
4	Food & Beverage Service Assistant (DST)	NCVT	1 year	20	Passed 10 th class examination or its equivalent
5	Sewing Technology	NCVT	1 year	20	Passed 8 th class examination
6	Driver Cum Mechanic (LMV)	SCVT	6 months	20	Passed 8 th class examination & should have completed 18 yrs. of age as on first day of the academic session.

INDO GERMAN PRIVATE ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating	Eligibility Criteria
ENGINEERING TRADE					
1	Electrician	SCVT	2 years	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
NON-ENGINEERING TRADES					
1	Food & Beverage Service Assistant	SCVT	1 year	20	Passed 10 th class examination or its equivalent
2	Food Production (General)	SCVT	1 year	24	Passed 10 th class examination

MONTFRONT PVT. ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating	Eligibility Criteria
ENGINEERING TRADES					
1	Electrician	SCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	SCVT	1 year	24	Passed 10 th class examination

SESA PRIVATE ITI



TRADE DETAILS AND ELIGIBILITY CRITERIA FOR ADMISSIONS

Sr. No.	Name of the Trade	NCVT/ SCVT	Duration	Max. Seating Capacity	Eligibility Criteria
ENGINEERING TRADES					
1	Fitter	NCVT	2 year	20	Passed 10 th class examination with Science and Mathematics or with vocational subject in same sector or its equivalent
2	Electrician	NCVT	2 year	20	
3	Machinist	NCVT	2 year	20	
4	Instrument Mechanic	NCVT	2 year	24	
NON-ENGINEERING TRADES					
1	Computer Operator & Programming Assistant	SCVT	1 year	24	Passed 10 th class examination



ADMISSION PROCESS APPLICABLE TO 'REGULAR TRAINEES'

NOTICE

Important Notices issued by Directorate General of Training (D.G.T.), Ministry of Skill Development and Entrepreneurship, New Delhi pertaining to admissions in I.T.I.s are mentioned below for attention of admission seekers to National Council for Vocational Training (N.C.V.T.) approved trades in Government and Private I.T.I.s:

1. All admission seekers to N.C.V.T. approved trades (Engineering/Non-Engineering) are advised in their own interest to confirm and satisfy themselves before seeking admission to any trade that the respective trade/unit in the Government/Private Industrial Training Institute (I.T.I.) is affiliated to N.C.V.T. Only the trainees seeking admission to the trade/unit which is found to be affiliated under N.C.V.T. as on the date of admission are eligible to appear for the All India Trade Test (AITT) under N.C.V.T. and to be awarded with National Trade Certificate.
2. A list of affiliated trades/units conducted in each Institute is available in the respective Institute and the State Directorate. It is also informed in the interest of the general public that N.C.V.T. or Government of India does not recognize any Government and Private Industrial Training Institute. N.C.V.T. affiliates only the trades and its units run by a particular I.T.I. No admission is allowed in N.C.V.T. trades without affiliation.

The candidates who desire to take admission in I.T.I.s may also note that the trades/units mentioned in Annexures-I, III and V which are currently offered under N.C.V.T. are subject to compliance to revised guidelines issued by Directorate General of Training (D.G.T.), New Delhi, inter-alia stipulating that the trades/units whose period of N.C.V.T. affiliation has exceeded five years, would need to be re-affiliated to N.C.V.T. While efforts are being made to re-affiliate such trade/courses to N.C.V.T. it may take considerable time. In the event of the N.C.V.T. re-affiliation process of such trades/units not being completed in time, the admission to these trades/units would be offered under State Council for Vocational Training (S.C.V.T.) and S.C.V.T. would accordingly conduct the final trade test and issue Certificate to all the successful candidates.

ONLINE ADMISSION SCHEDULE

The online admission schedule for admissions to I.T.I.s for the Academic Year 2026-27 will be available on the Department's website at www.dsde.goa.gov.in.

It will also be made available for the information of general public and aspiring candidates through advertisements to be published by this Directorate in local newspapers from time-to-time.

Aspiring candidates are requested to visit www.dsde.goa.gov.in regularly to check the admission schedule, notices, instructions, manuals and updates for admissions to Government and Private I.T.I.s in the A.Y. 2026-27.

ELIGIBILITY CRITERIA

Candidate may refer the entry qualification mentioned against each trade on page nos. 13 to 17.

AGE

A candidate having minimum age of 14 years and above as on the first day of the academic session 2026-27 shall be eligible to seek admission in any of the trades, except for (i) Driver cum Mechanic LMV and Drone Pilot (Jr.) trades for which the candidate should be minimum 18 years of age as on the first day of the academic session 2026-27 and for (ii) Drone Technician trade, for which the candidate should be minimum 16 years of age on the first day of the academic session 2026-27.

PHYSICAL FITNESS

On admission to any course, a candidate is required to produce Medical Certificate issued by a Registered Medical Practitioner stating that he/she is fit to undergo training in the respective trade.

The candidate seeking admission in Fire Technology and Industrial Safety Management trade should have the following minimum physical requirements: Height - 165 cm, Weight - 52 kg, Chest - Normal 81 cm, expanded 85 cm and produce a Medical Certificate issued by a registered MBBS doctor stating that the candidate is medically fit to undertake the course.

DOMICILE

The candidate should produce Residence Certificate issued by a Mamlatdar stating that he/she has been residing in Goa for a period of minimum 10 years or above preceding the date of the application.

A candidate may also produce Leaving/ Bonafide certificate issued by the school/college indicating the period of continuous schooling which should be minimum 10 years or above preceding the date of the application. In case, there is any major break in the education, even though the residence was continued in the State of Goa, then, candidate would be required to produce documentary evidence or a certificate issued by the Mamlatdar stating that during the said break period, he/she was in Goa and has fulfilled requirement of continuous residence in Goa for the particular period.

The aforesaid condition shall not apply to:

- i. Children of Central/State/Union Territory Government employees and employees of Government of India undertakings who are posted in Goa.
- ii. Children of Freedom Fighters registered as such in the Home Department of Government of Goa.
- iii. Children of parents (both father and mother) of Goan origin, who are born in Goa and are serving/retired from the Armed Forces, provided that such children pass their qualifying examinations under the Central Board of Education or Goa Board of Secondary and Higher

Secondary Examinations or Goa Board of Technical Education or any other board recognized by concerned State/Central Government, as the case may be.

- iv. Children of Ex-Servicemen registered with Rajya Sainik Board in Goa who have studied and passed the minimum qualifying examination from the Schools/Polytechnics in Goa.

Note:

- a) Relaxation in 10 years of residence certificate for *orphans /destitute children will be provided based on certificate issued by Government recognized Institute/Hostels or on submission of self-declaration form in Annexure IX format which is appended at the end of this Prospectus.
- b) Relaxation in domicile period will be considered if seats remain vacant even after exhausting above options for S.C.V.T.&N.C.V.T. trades in all the I.T.I.s, after the completion of the Second Round mentioned in the Schedule of admission process.

RESERVATION OF SEATS

The number of seats / percentage of the total intake capacity/seats of each trade and unit that is reserved for the candidates belonging to each of the following categories is as stated against the category. The reservations are applicable to both, Government and Private I.T.I.s in the State of Goa.

However, the reservation shall be considered only if the candidate specifically indicates it in the application form by the candidate.

- (i) For 'SC', 'ST', 'PwD', 'OBC' and 'E.W.S.' Category Candidates

Sr. No.	Category	Reservation
a.	Scheduled Caste (SC)	02 percent
b.	Scheduled Tribes (ST)	12 percent
c.	Person with Disabilities (PwD) (Disabilities/Physical Handicap, subject to limits laid down in DGET circular No. MSDE-19/02/2018-CD(Pt) dated 05-04-2019)	04 percent
d.	Other Backward Classes (OBC)	27 percent
e.	Economically Weaker Section (E.W.S.) (Economically Weaker Section (E.W.S.) subject to limits laid down in D.G.T. circular No. MSDE-19/02/2018-CD) dated 05-04-2019 and related Certificate issued by concerned authorities being produced.	10 percent

30% of the seats in each of all the above categories shall be reserved for women candidates.

- (ii) For 'CFF', 'CGE' and 'CAR' Category Candidates

One seat is reserved at each I.T.I. for each of the following categories, with the allocation of trade at the discretion of the Director (SD&E).

Sr. No.	Category	Reservation
a.	Children of Freedom Fighters (CFF)	01 seat for each category, in each trade and unit at each I.T.I. at the discretion of the Director (SD&E)
b.	Children of State and Central Government Employees (CGE)	
c.	Children of African Repatriates of Goan Origin (CAR)	

(iii) For 'Children of Defense Personnel' Category Candidates

One seat in each of the I.T.I.s is reserved for wards of defense personnel in the following order of priority. However, the allocation of trade is at the discretion of the Director (SD&E).

Sr. No.	Category	Reservation
a.	Children of deceased/disabled Ex-Servicemen, including those killed/disabled during peace time	01 seat in each I.T.I. in the order of priority from serial no. a) to e) at the discretion of the Director (SD&E)
b.	Children of Ex-servicemen	
c.	Children of serving Jawans	
d.	Children of serving Officers	
e.	Ex-Servicemen	

The Institute Managing Committee (I.M.C.) of Vasco Government I.T.I. is permitted to utilize up to 20% of sanctioned seats for admissions to only Vasco Government I.T.I. on merit basis against the payment of fee of Rs.5000/- (Rupees five thousand only) per year (as fixed by I.M.C. of Vasco Government I.T.I.) in addition to the tuition fee and caution money deposit amount required to be paid.

The unutilized I.M.C. quota seats shall be filled after the second round of admission at the said I.T.I. by admitting general category candidates on merit basis against the payment of fee of Rs 5000/- (five thousand only) per year (as fixed by I.M.C. of Vasco Government I.T.I.) in addition to the tuition fee and caution money deposit amount required to be paid.

DOCUMENTS REQUIRED FOR ADMISSION TO I.T.I.

1. Passport Size Photograph
2. 10th Pass / 8th Pass mark sheet (As applicable)
3. Birth Certificate

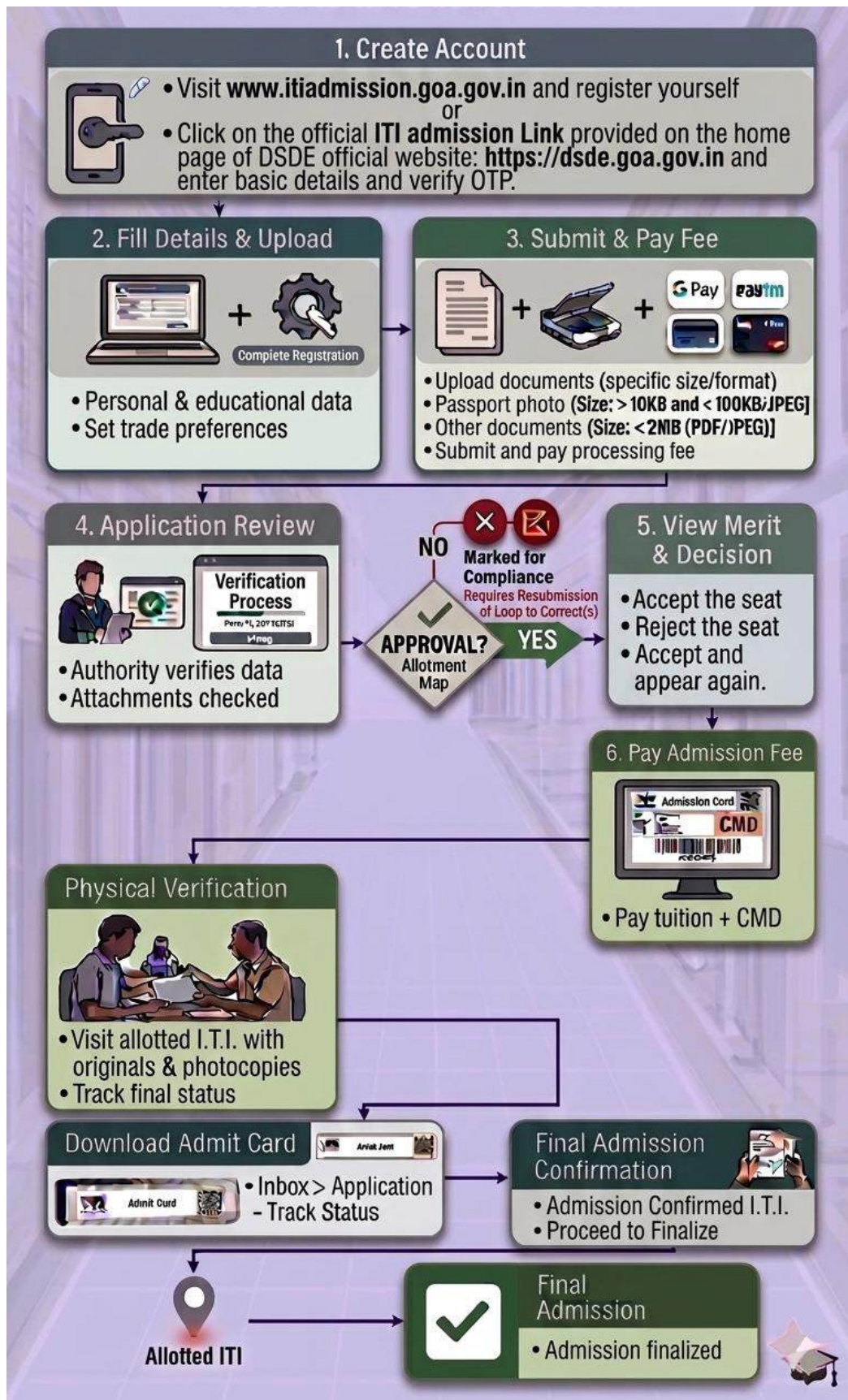
4. Aadhaar Card with correct name of candidate and parent
5. Residence Certificate / Bonafide Certificates (Proving last 10 years continuous domicile / residence in Goa)
6. Caste Certificate issued by Government of Goa (SC/ ST/ O.B.C.)
7. Income Proof: Income Certificate indicating annual family income upto Rs. 3 lakhs issued by Competent Authority and having name of the candidate mentioned in it.
8. BPL/Antyodaya (AAY)/PHH Ration Card (if available)
9. Latest Leaving / Bonafide Certificate issued by school/college.
10. Other Category Certificates issued by Competent Government Authority (as applicable):
 - i. Orphan /Destitute child certificate issued by Government recognized Institute/Hostels OR Self-declaration certificate in Annexure IX format (appended at the end) duly filled by a candidate who is an orphan/destitute child and/or his/her caretaker/guardian.
 - ii. Children of Government employee
 - iii. Economically Weaker Section (E.W.S.) Certificate
 - iv. Person with Disability (P.w.D.) certificate issued by Goa Medical College Doctor
 - v. Children of Freedom Fighters (C.F.F.)
 - vi. Wards of Defense personnel:
 - a) Children of deceased/disabled Ex-Servicemen, including those killed/disabled during peacetime
 - b) Children of Ex-servicemen
 - c) Children of serving Jawans
 - d) Children of serving officers
 - e) Ex-Servicemen

NOTE:

1. Document at Sr. No. 7 is required for availing concession in fees at the Government I.T.I.s only.
2. Original documents along with the self-attested photocopies should be submitted by the candidate to the respective I.T.I. at the time of verification of documents. The original documents should be collected from the I.T.I. office by the trainee personally after 15days and within one month of commencement of the new academic year/session.

PROCEDURE FOR FILLING ONLINE I.T.I. ADMISSION FORM

The candidate should follow below mentioned steps to seek admission in the I.T.I.s in Goa.



ANNEXURE-I: SEAT INTAKE - GOVERNMENT I.T.I.: N.C.V.T. TRADES

Sr. No.	Name of the I.T.I.	Computer Operator & Programming Assistant	Information & Communication Technology System Maintenance	Desktop Publishing Operator	Fitter	Turner	Machinist	Electrician	Instrument Mechanic	Refrigeration and Air Conditioner Technician	Electronics Mechanic	Draughtsman (Mechanical)	Draughtsman (Civil)	Fire Technology and Industrial Safety Management	Wood Work Technician	Mechanic Electric Vehicle
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Pernem	48	-	-	20	-	-	20	-	24	-	-	-	-	-	-
2	Mapusa	48	-	-	20	-	-	20	-	-	24	-	-	-	-	-
3	Bicholim	48	-	-	20	-	20	40	-	-	24	-	24	-	-	-
4	Sattari	24	-	24	20	20	-	40	-	24	24	-	-	-	-	-
5	Panaji	48	-	-	20	-	-	20	-	24	-	-	-	-	-	-
6	Farmagudi	48	24	-	20	-	20	40	24	24	24	20	24	-	-	-
7	Vasco	24	-	24	20	-	-	20	-	24	24	-	-	-	-	-
8	Margao/AquemBaixo	48	24	24	20	-	-	20	-	24	24	-	-	-	-	-
9	Cacora	24	-	24	20	-	-	20	-	24	-	-	-	24	24	24
10	Canacona	24	-	-	20	-	-	20	-	-	24	-	-	-	-	-
	Total	384	48	96	200	20	40	260	24	168	168	20	48	24	24	24

Note: If any trade is not granted N.C.V.T. affiliation/excluded from CTS 2026 seat matrix by D.G.T., the admission shall be considered under S.C.V.T. affiliation.

ANNEXURE-I: SEAT INTAKE - GOVERNMENT I.T.I.: N.C.V.T. TRADES (Cont.)

Sr. No.	Name of the I.T.I.	Stenographer & Secretarial Assistant (English)	Secretarial Practice (English)	Mechanic Motor Vehicle	Cosmetology	Food Production (General)	Food & Beverages Service Assistant	Mechanic Diesel	Welder	Wireman	Plumber	Sewing Technology	Solar Technician (Electrical)	Computer Hardware & Network Maintenance	Dress Making	Total
1	2	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	Pernem	-	-	-	-	-	-	-	-	-	24	20	-	-	-	156
2	Mapusa	-	24	-	24	-	-	-	-	-	-	-	-	-	-	160
3	Bicholim	24	-	-	24	-	-	-	20	20	48	20	20	-	-	352
4	Sattari	-	-	24	24	-	-	24	20	20	48	20	-	-	-	356
5	Panaji	-	-	24	-	48	40	-	20	-	24	-	-	-	-	268
6	Farmagudi	-	-	-	-	-	-	48	40	-	48	-	-	-	20	424
7	Vasco	-	-	-	-	-	-	48	20	20	24	-	20	-	-	268
8	Margao/ Aquem Baixo	-	-	-	48	24	20	-	-	-	48	40	-	24	-	388
9	Cacora	-	-	24	24	-	-	48	40	20	48	20	20	-	-	428
10	Canacona	-	-	-	-	-	-	24	20	20	24	20	-	-	-	196
	Total	24	24	72	144	72	60	192	180	100	336	140	60	24	20	2996

Note: If any trade is not granted N.C.V.T. affiliation/excluded from CTS 2026 seat matrix by D.G.T., the admission shall be considered under S.C.V.T. affiliation.

ANNEXURE-II: SEAT INTAKE - GOVERNMENT I.T.I.: S.C.V.T. TRADES

Sr. No	Name of the I.T.I.	Cosmetology	Attendant Operator Chemical Plant	Sewing Technology	Multimedia, Animation & Special Effects	Fashion Design & Technology	Housekeeper	Front Office Assistant	Food Production (General)	Driver Cum Mechanic LMV	Digital Photographer
1	2	3	4	5	6	7	8	9	10	11	12
1	Pernem	-	-	-	-	-	-	-	24	-	-
2	Mapusa	-	-	-	-	-	-	-	-	-	-
3	Bicholim	-	-	-	24	20	-	-	-	-	-
4	Sattari	-	-	-	-	-	-	-	-	-	-
5	Panaji	-	-	-	-	-	24	24	-	-	-
6	Farmagudi	-	-	-	-	-	-	-	-	-	24
7	Vasco	24	24	20	-	-	-	-	-	-	-
8	Margao/ AquemBaixo	-	-	-	-	-	-	-	-	-	-
9	Cacora	-	-	-	-	-	-	-	-	20	-
10	Canacona	-	-	-	-	-	-	-	-	20	-
	Total	24	24	20	24	20	24	24	24	40	24

ANNEXURE-II: SEAT INTAKE - GOVERNMENT I.T.I.: S.C.V.T. TRADES (Cont.)

Sr No	I.T.I.	Smart Phone Technician cum App Tester	Electrician	Drone Pilot (Junior)*	Drone Technician *	Mechanic Consumer Electronic Appliances	Mechanic Electric Vehicle	Total
1	2	13	14	15	16	17	18	19
1	Pernem	-	-	-	-	-	-	24
2	Mapusa	-	-	-	-	-	-	-
3	Bicholim	-	-	-	-	-	-	44
4	Sattari	-	-	-	-	-	-	-
5	Panaji	-	-	-	-	-	-	48
6	Farmagudi	-	-	-	-	-	24	48
7	Vasco	-	-	-	-	-	-	68
8	Margao/Aquem Baixo	24	-	-	-	-	-	24
9	Cacora	-	20	24	24	24	-	112
10	Canacona	-	-	-	-	-	-	20
	Total	24	20	24	24	24	24	388

Note: Drone Pilot (Jr) trade will be conducted in the first session of the Academic Year and Drone Technician will be conducted in the second session of the Academic Year at Cacora Govt. I.T.I.

ANNEXURE-III: SEAT INTAKE - GOVERNMENT I.T.I.: N.C.V.T. (D.S.T.) TRADES

Sr. No.	I.T.I.	Mechanic Motor Vehicle	Mechanic Diesel	Food Production (General)	Food & Beverage Service Assistant	Housekeeper	Total
1	2	3	4	5	6	7	8
1	Pernem	-	-	-	-	-	-
2	Mapusa	24	-	-	-	-	24
3	Bicholim	-	48	24	-	-	72
4	Sattari	-	-	-	-	-	-
5	Panaji	-	-	-	-	-	-
6	Farmagudi	24	-	-	-	-	24
7	Vasco	-	-	-	-	-	-
8	Margao/ AquemBaixo	-	-	24	20	-	44
9	Cacora	-	-	-	-	-	-
10	Canacona	-	-	24	20	24	68
	Total	48	48	72	40	24	232

ANNEXURE-IV: SEAT INTAKE - GOVERNMENT I.T.I.: S.C.V.T. (D.S.T.) TRADES

Sr. No	I.T.I.	Mechanic Two and Three Wheeler	Mechanic Auto Electrical & Electronics	Housekeeper	Food Production (General)	Food & Beverage Service Assistant	Marketing Executive	Waste Management Technician	Total
1	2	3	4	5	6	7	8	9	10
1	Pernem	-	-	-	-	20	-	-	20
2	Mapusa	40	-	-	-	20	24	-	84
3	Bicholim	-	-	-	-	-	-	-	-
4	Sattari	-	20	-	-	20	-	-	40
5	Panaji	-	-	-	-	-	-	-	-
6	Farmagudi	-	-	-	-	20	-	-	20
7	Vasco	-	-	-	-	20	-	-	20
8	Margao/ AquemBaixo	-	-	24	-	-	-	-	24
9	Cacora	-	-	-	24	20	-	20	64
10	Canacona	-	-	-	-	-	-	-	-
	Total	40	20	24	24	120	24	20	272

ANNEXURE-V: SEAT INTAKE - PRIVATE I.T.I.: N.C.V.T. TRADES

Sr No	I.T.I.	Fitter	Machinist	Electrician	Instrument Mechanic	Total
1	2	3	4	5	6	7
1	Sesa	20	20	20	24	84
	Total	20	20	20	24	84

ANNEXURE-VI: SEAT INTAKE - PRIVATE I.T.I.: S.C.V.T. TRADES

Sr. No.	I.T.I.	Computer Operator Programming Assistant	Electrician	Food & Beverages Service Assistant	Food Production General	Total
1	2	3	4	5	6	7
1	Sesa	24	-	-	-	24
2	Montfort	24	20	-	-	44
3	Indo-German	-	20	20	24	64
	Total	48	20	20	24	132

NATIONAL TASK FORCE TO ADDRESS THE MENTAL HEALTH CONCERNS OF STUDENTS

The National Task Force (NTF) has been constituted by the Hon'ble Supreme Court of India vide its judgement dated 24/03/2025 to discuss and deliberate the issues related to Mental Health concerns among students, prevention of commission of suicides in educational institutions and recommend preventive measures.

The Government of Goa has appointed the Director of Higher Education as the Nodal Officer on behalf of the State of Goa to coordinate with the National Task Force and oversee compliance in terms of D.O. letter No. 5-21/2025-PN. II dated 05/04/2025 received from the Secretary to Govt. of India, Ministry of Education, Dept. of Higher Education, New Delhi.

Further, the Industrial Training Institutes (I.T.I.) under the Directorate of Skill Development & Entrepreneurship have a designated Nodal Officer at the Institute level to handle matters pertaining to National Task Force.

Trainees and parents may visit the National Task Force website at <https://ntf.education.gov.in> which shall be central platform to gather diverse perspectives from key stakeholders such as Students, Parents of Students, Faculty members, Mental Health Service Providers, Institutional Representatives etc.

RAGGING

Ragging in any form is banned and punishable. The contents of the Goa Prohibition of Ragging Act, 2008 (Goa Act 9 of 2009) / Circular No.10/SDCT/EST/GPRA/2015/Part/2984 dated 13/07/2015 issued by this Directorate with regards to ban on ragging are produced below for easy reference of all:

The Goa Prohibition of Ragging Act, 2008 (Goa Act 9 of 2009) has made it mandatory for all educational institutions to compulsory display some of its main contents on the Notice Board which is as mentioned below:

Goa Act 9 of 2009 2 (e) “ragging” means any disorderly conduct, whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any other student indulging in rowdy or indiscipline activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a Junior student or asking the student to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment or adversely affect the physique or psyche of a fresher or a junior student.

3. Anti-ragging movement—

(i) During admission process, the Prospectus, form for admission and/ or any other literature issued to the aspirants for admission the prospectus shall clearly mention that ragging is banned in the institution and anyone indulging in ragging is likely to be punished.

(ii) The application form for admission/enrollment shall have a printed undertaking to be filled up and signed by the student to the effect that he/she is aware of the institution's approach towards ragging and the punishments to which he/she shall be liable if found guilty of ragging. A similar undertaking shall be obtained from the parent/guardian of the student. [Affidavits to be filled by the student and by his/her parents/guardians are appended as **Annexure VII** and **Annexure VIII** below]

(iii) The educational institution shall display on the notice board, the name and addresses and contact numbers of the persons to whom the fresher in the institution should approach for help and guidance for various purposes keeping in view needs of freshers in the institution at the time of admission so that the fresher need not look up to the seniors for help in such matters and feel indebted to or obliged by them.

[3A.— Monitoring cell, anti-ragging committee, etc.—

(1) Every educational institution shall have an **Anti-Ragging Committee** and an **Anti-Ragging Squad**. The Anti-Ragging Committee at the level of the institution shall consist of representatives of civil and police administration, local media, Non-Government Organizations involved in youth activities, representatives of faculty members, and representatives of parents, representatives of freshers, seniors and non-teaching staff. Such committee shall be headed by the Head of the educational institution.

(2) Anti-Ragging Squad, a body with vigil, oversight and patrolling functions should be nominated by the Head of the educational institutions with such representatives as considered necessary to keep it mobile, alert and active at all time. The Squad may be called upon to make surprise raids on hostels and other hot spots and shall be empowered to inspect places of potential ragging. The Squad shall work and shall be empowered to inspect places of potential ragging. The Squad shall not have any outside representation and shall consist of members belonging to the various sections of the campus community. There shall be diverse mix of membership in terms of levels as well as gender in both the Anti-Ragging Squad and the Anti-Ragging Committee.

4. Prohibition of ragging— Ragging within or outside of any educational institution is prohibited and no person shall commit, abet, propagate or participate in ragging within or outside of any educational institution.

5. Authority to impose penalties — The candidates seeking admission in I.T.I.s and their parents/guardians are required to submit duly filled affidavit (Annexure VII& VIII) at the time of seeking admission to I.T.I.s. Whenever any student or as the case may be complains in writing of ragging to the Head of the educational institution, the Head of the institution shall within seven days of the receipt of the complaint inquire into the complaint and if, prime facie any complaint is found true, should resort to disciplinary action at his/her level.

Apart from the above guidelines each trainee would be required to strictly abide by the rules and regulations issued by the individual Institute from time-to-time to maintain a disciplined and conducive environment for imparting quality training.

6. Punishment—

(1) Whoever, directly or indirectly, commits, participates in, abets or propagates, ragging, within or outside any educational institution, shall, on conviction, be dealt with by the Head of the educational institution by resorting to disciplinary action.

(2) If the individuals committing or abetting ragging are not identified, collective punishment should be resorted to so as to act as a deterrent punishment and to ensure collective pressure on the potential raggings.

(3) Any student so convicted shall further be removed from the roll of the educational institution and such students shall not be admitted in any other educational institution in the State of Goa for a period of three years from the date of such conviction.

ANNEXURE –VII: AFFIDAVIT BY TRAINEE

I,(Full name of the trainee), son/daughter of Mr/Mrs/Ms..... having been admitted to (Name of the Institution) with admission / registration / enrolment number..... have noted the contents of Goa Prohibition of Ragging (Amendment) Act 2010 (Act 17 of 2010) (here after called the “Act”) and carefully read and understood the provisions of the said Act.

1. I have in particular perused clause 2(e) of the Act and am aware as to what constitutes ragging.
2. I have also in particular perused clause 5 and clause 6 of the Act and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of abetting ragging actively or passively, or being part of a conspiracy to promote ragging.
3. I hereby solemnly aver and undertake that:
 - a) I will not indulge in any behavior or act that may be constituted as ragging under clause 2 (e) of the Act.
 - b) I will not participate in or abet or propagate through any act of commission or mission that may be constituted as ragging under the clause 2(e) of the Act.
4. I hereby affirm that if found guilty of ragging, I am liable for punishment according to clause 6 of the Act without prejudice to any criminal action that may be taken against me under any penal law for time being in force.
5. I hereby declare that I have not been expelled or debarred from admission in any Institution in the country on account of being found guilty of abetting or being part of a conspiracy to promote ragging, and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this..... (day), of (month), (year).

Signature of Deponent

Name:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or mis-stated therein.

Verified at..... (Place) on(day), (date) of.....
(Month) (Year).

I solemnly affirm that this document has been signed in my presence on this (day) (date) of..... (Month), (Year) after reading the contents of this affidavit.

Name and Signature of Principal of Government /Private I.T.I.

ANNEXURE –VIII: AFFIDAVIT BY PARENT / GUARDIAN OF TRAINEE

I, Mr./Mrs./Ms..... (full name),
Father/Mother/Guardian
of.....(Full name of trainee)
having been admitted to..... (Name of the institution) with
admission/registration/enrolment number..... with admission/registration
enrolment number) have noted the contents of Prohibition of Ragging Act, 2008(Act No.9 of 2009) and
Goa Prohibition of Ragging (Amendment) Act. 2010(Act 17 of 2010) (herein after called the "Act"),
carefully read and fully understood the provisions contained in the said Act.

I have in particular perused clause 2(e) of the Act and am aware as to what constitutes Ragging.

1. I have also in particular perused clause 5 and clause 6 of the Act and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging actively or passively, or being part of a conspiracy to promote ragging.
2. I hereby solemnly aver and undertake that:
 - a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 2(e) of the Act.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 2(e) of the Act.
4. I hereby affirm that. if found guilty of ragging, my ward is liable for punishment according to clause 6 the Act. without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
5. I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of abetting or being part of conspiracy to promote ragging and further affirm that in case the declaration is found to be untrue the admission of my ward is liable to be cancelled.

Declared this (day), (date) of (month), (year).

Signature of Deponent

Name:

Address:

Telephone/Mobile No.:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or mis-stated therein.

Verified at..... (Place) on (day), (date) of.....
(Month) (Year).

I solemnly affirm that this document has been signed in my presence on this (day)
(date) of..... (Month), (Year) after reading the contents of this affidavit.

Name and Signature of Principal of Government /Private I.T.I.

ANNEXURE- IX: SELF DECLARATION BY/FOR ORPHAN / DESTITUTE CHILD

I, _____, son/daughter of _____
hereby declare that I have lost both my parents and I am an orphan/am a destitute child. I stay with/in

_____ Institution /Caretaker (name, address and contact
number) since _____.

OR

I, Mr./Ms. _____, son/daughter
of _____ hereby declare that _____
has lost both her/his parents and is an orphan. She/he resides with us in

_____ Institution (name, address and contact number) since _____.

I am submitting this declaration for the purpose of availing concession in (i) domicile/residence period
criteria and (ii) admission fees required to be paid for seeking admission in any Industrial Training Institute
(I.T.I.) functioning under Directorate of Skill Development and Entrepreneurship, Panaji – Goa.

If any information declared herein is found to be incorrect/ false, I shall accept all the actions deemed fit
taken against me by the Department and bear the consequences arising therein.

Signature of Applicant (if major)/ Legal Guardian or Incharge of *CCI (in case of minor applicant)

Date: _____

Place: _____

Witness Signature: _____

Witness Name: _____

*CCI – Child Care Institute

OTHER COURSES CONDUCTED BY D.S.D.E.

Apart from courses conducted under C.T.S. in the I.T.I.s, the Directorate conducts short term/long term courses under the following scheme/industry tie-up:

IN COLLABORATION WITH TATA TECHNOLOGY LTD. (TTL)

Following short term courses are offered in the five I.T.I.s upgraded into “Centres of Excellence” as shown against each course:

Sr. No	Name of I.T.I.	Course Name
1.	Bicholim Govt. I.T.I.	1. Internet of Things Application Jr. Technician 2. Additive Manufacturing Process Jr. Technician.
2.	Mapusa Govt. I.T.I.	1. Internet of Things Application Jr. Technician
3.	Farmagudi Govt. I.T.I.	1. Battery Electric Vehicle Jr. Technician
4.	Vasco Govt. I.T.I.	1. Internet of Things Application Jr. Technician 2. Advanced Plumbing Technician
5.	Cacora Govt. I.T.I.	1. Battery Electric Vehicle Jr. Technician. 2. Advanced Plumbing Technician

Long term courses will be started in the same I.T.I.s in near future.

CHIEF MINISTER'S KAUSHALYA PATH SCHEME (C.M.K.P.S.)

Short Term Skill Development Courses in the range of 20-300 hours duration as listed below are offered as per the demand and requirement of industry as well as general public under the Chief Minister's Kaushalya Path Scheme (CMKPS) in different parts of the State.

Sr. No	Name of the Course
1.	Basic Cosmetology
2.	Computer Operator & Programming Assistant
3.	Basic Sewing Technology
4.	Basic Electrician
5.	Bakery
6.	Advance Welding
7.	Tally Prime
8.	3D Printing and Designing
9.	Basic Creative Stitching for Special Children
10.	Fire & Safety
11.	Basic Electronics Mechanic

Sr. No	Name of the Course
12.	Auto Electrical
13.	Basic Refrigeration and Air-Conditioning Technician
14.	Entrepreneurship & Employability Skills
15.	Building and Repairing an Agriculture Drone
16.	Health Caretaker
17.	Panchakarma Therapy
18.	Basic Wool Crochet
19.	Aari Work
20.	Lippan Art
21.	Terracotta Jewellery
22.	Oyster Mushroom Cultivation
23.	Fiber Splicing Technician
24.	Basic 2 &3 Wheeler Mechanic
25.	Landscaping & Bonsai
26.	Imitation Jewellery
27.	Repair of Domestic Appliances
28.	Waste Water Treatment Plant Operations
29.	Occupational Health
30.	Fuel Dispensing Unit Operations & Maintenance
31.	Grafting and Decorative Plants
32.	Retail Sales Associate
33.	Digital Marketing
34.	Solar Panel-Repair & Maintenance
35.	Mobile Repair Technician
36.	Basic Plumbing
37.	Basic Photography
38.	Graphic Designing
39.	PLC VFD HMI Industrial Automation
40.	Digital Safety and Scam Awareness
41.	LED TV Technician
42.	Advance Welding

FREQUENTLY ASKED QUESTIONS (FAQs)

Sr.No	Issue/Questions	Clarifications / Responses
1.	What are the courses offered in the I.T.I.s?	44 different courses under various sectors are offered in the Government and Private I.T.I.s. in Goa. May refer page no. 13 to 17 for details.
2.	What is the certification awarded after completion of training?	After successful completion of training, the trainees are awarded 'National Trade Certificate (NTC)' under N.C.V.T. and 'Trade Certificate' under S.C.V.T.
3.	What is the eligible age limit?	Minimum age of 14 years or above as on 01.08.2026/date of commencement of training for all the courses except for Driver cum Mechanic LMV, Drone Pilot (Jr.) courses, for which minimum age required is 18 years, and for Drone Technician course for which minimum age required is 16 years
4.	Is I.T.I. Certificate equivalent to Diploma?	No, it is not equivalent to Diploma certificate.
6.	Where do I need to submit my application for admission?	The candidate should visit www.itiadmission.goa.gov.in , register himself/herself, fill the online admission application form, upload required documents and submit the form in ONLINE mode only. The link for ITI online admission is also available on the DSDE website at www.dsde.goa.gov.in .
7.	How do I come to know which course/trade is available in which I.T.I.	Courses/trades available in each I.T.I. are mentioned on individual I.T.I. coloured page OR in the Annexure Nos. I to VI of the Prospectus. May refer page no. 51 to 57.
8.	How do I know the Employment opportunities for the selected Course?	Course-wise employment opportunities are mentioned in the course contents pages of the Prospectus from page no. 18 to 39.
9.	What are my future prospects after completion of Course?	Please refer 'Post I.T.I. opportunities' section available in the Prospectus from page no. 40 to 44.
10.	What are the Course Timings?	1st shift timings: 8:00am – 4:00pm and 2nd shift timings: 10:00am – 6:00pm (including lunch break) from Monday to Friday.
11.	Are there any Holidays / Leaves admissible to Trainees?	Trainees are allowed to avail same number of holidays as declared by the Government of Goa. Additionally, they can avail Casual, Medical and Special Leaves as per details mentioned on page no. 5 of the Prospectus.

Sr.No	Issue/Questions	Clarifications / Responses
12.	Is there any transport facility available at the I.T.I.s?	Yes, transport facility is available in all the Government I.T.I.s, except for Bicholim Govt. I.T.I., Sattari Govt. I.T.I. and Mapusa Govt. I.T.I.
13.	I.T.I. courses are affiliated to which Council?	Courses offered at I.T.I.s are affiliated to either National Council for Vocational Training (N.C.V.T.) or State Council for Vocational Training (S.C.V.T.). May refer Annexures I to VI on page no. 51 to 57.
14.	How many Government I.T.I.s are there in the State?	There are ten Government I.T.I.s located in ten different talukas of Goa. May refer page no. 2 for location and address.
16.	Is there any connection of the I.T.I.s with the Industry?	Yes, most Government I.T.I.s have active Institute Managing Committee (I.M.C.) consisting of reputed industry owners/ higher authorities as its members. The I.T.I.s which do not have active IMC are in the process of formation. Additionally, the Directorate and the I.T.I.s have collectively signed more than 100 MoUs with different companies/organizations for the benefit of the trainees.
17.	What are the disciplinary measures required to be followed by the trainees?	The trainees are required to strictly wear only the prescribed I.T.I. Uniform/Boiler Suit without putting on any additional head gear/attire/non-uniform clothing like scarf, bandana, hoody, etc. and wear the I.D. card at all times while in the I.T.I. campus. Use of mobile phones in the I.T.I. campus is strictly prohibited and Ragging in any form is strictly banned and punishable. Trainees should strictly not consume drugs, alcohol, ghutka, pan masala and also not smoke while in I.T.I. campus. Trainees should not engage in fights or arguments with fellow trainees or staff or public. They should not use bad words or pass bad comments on staff or trainees. They should maintain minimum 80% attendance during each training session to be able to appear for exams. May refer page nos. 11 and 12.
18.	What concessions/facilities are offered to the trainees?	Reduction of admission fees and free transport facility for certain category trainees; free uniform and workshop clothing to all trainees with only stitching charges to be borne by the trainees; free facility for recreation, library, sports etc. May refer page no. 7.
19.	Are there any Scholarships/Benefits provided to I.T.I. trainees?	Merit scholarship, F.A.S. scholarship & Trainee's Tool Kit are offered to eligible trainees. May refer page no. 5 to 6.
20.	Is there any Vertical Mobility possible?	Yes, for details refer page no. 41 to 42.

Sr.No	Issue/Questions	Clarifications / Responses
21.	What is the eligibility criteria for each Course?	Refer page no. 13 to 17 and pg. nos. 46 to 49 for details
22.	What are the Reservations available for admission?	Refer page no. 47 to 48 for details.
23.	What are the Fees charged?	Refer page no. 08 to 11 for details
24.	What are the benefits available for SC/ST Trainees	Special benefits in fees, Trainee's ToolKit and scholarships; Reservation of seats and Transport facility are offered to SC/ST Trainees. For details refer page no. 05 to 07 and 47.
25.	What are the benefits available for Female Candidate?	30% of the seats are reserved in each of all the categories. For details refer page no. 48. Tuition fee is waived off for all female candidates under the Mukhyamantri Sukanya Kaushal Vikas Protsahan Yojana (MSKVYPY). Refer page no. 07.

ITIs AT A GLANCE

Government ITIs: 10



Private ITIs: 03

Trades Affiliation Status

NCVT: 39 nos.

SCVT: 05 nos.



Trade Types

Engg. Trades: 23

Non-Engg. Trades: 21



Trades / Courses Available

08th Pass: 07 ♦ 10th Pass: 37 ♦ Graduates, PG, Diploma: 44
Based on 8th & 10th Pass Certificate

TOTAL SEAT AVAILABILITY / INTAKE CAPACITY (NCVT & SCVT COMBINED)

Engineering Trades	
Electrician	340
Attendant Operator Chemical Plant	24
Mechanic Motor Vehicle	120
Mechanic Diesel	240
Mechanic Two and Three Wheeler	40
Mechanic Electric Vehicle	48
Mechanic Auto Electrical & Electronics	20
Fitter	240
Turner	20
Machinist	60
Refrigeration & Air Conditioning Technician	168
Draughtsman (Civil)	48
Draughtsman (Mechanical)	20
Welder	180
Wood Work Technician	24
Instrument Mechanic	48
Electronics Mechanic	192
Mechanic Consumer Electronic Appliances	24
Solar Technician (Electrical)	60
Information & Communication Technology System Maintenance	48
Plumber	336
Wireman	100
Waste Management Technician	20

Non-Engineering Trades	
Sewing Technology	160
Dress Making	20
Fashion Design & Technology	20
Driver cum Mechanic (LMV)	40
Cosmetology	168
Food Production (General)	216
Desktop Publishing Operator	96
Multimedia, Animation & Special Effects	24
Computer Hardware & Network Maintenance	24
Digital Photographer	24
Stenographer Secretarial Assistant (English)	24
Secretarial Practice	24
Food & Beverage Service Assistant	220
Housekeeper	72
Front Office Assistant	24
Fire Technology and Industrial Safety Management	24
Smartphone Technician Cum App Tester	24
Drone Pilot (Junior)	24
Drone Technician	24
Marketing Executive	24
Computer Operator & Programming Assistant	408

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Opportunities in Railways, Defense, PSUs, State Government departments and more.



ENTREPRENEURSHIP

Start your own small business or workshop and become self-reliant.



JOBS IN PRIVATE SECTOR

Employment in leading companies across manufacturing, construction, automobile, electrical and service industries.



CAREERS ABROAD

Global demand for skilled technicians opens doors to international job opportunities.



HIGHER STUDIES

Diploma through Lateral Entry, Apprenticeship, Advanced Diploma and Degree courses.



SECURE & RESPECTED CAREER

Skilled trades are in high demand and offer job security, growth and respect in society.



APPRENTICESHIP & TRAINING

Hands-on training with industry exposure and stipend. Learn more, earn more.



MULTIPLE GROWTH PATHS

From Technician to Supervisor, Engineer to Manager the choice is yours!

WHY CHOOSE ITI



Practical, Industry-Oriented Training



Affordable Education



Quick Entry Into The Job Market



Skill Development For A Bright Future



Contribute To Nation Building



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