


**NIESBUD**



Institute Strategic Plan\_v1.0

 G.K.Mahurkar


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**Part A: Institutional Details**

**1 Select your ITI (search with NCVT MIS code)**

State/UT : Maharashtra  
NCVT MIS Code of ITI :  
GR27000027  
Type of ITI : Government  
ITI Name : Government  
Industrial Training Institute,  
Pulgaon, Dist: Wardha  
Address : Nachangaon Road  
District : Wardha  
Website URL :  
www.dvet.gov.in  
Contact Number :  
9403339749  
Email ID :  
iti.pulgaon@dvet.gov.in  
Date of Establishment of ITI  
: 22828  
Affiliation Number given by  
DGT : 27080174  
Grading given by Core  
Grading Committee : 2.3  
Existing CTS trades : 14  
List of Trades offered :  
Foundryman, Mechanic  
Radio & T.V., Driver Cum  
Mechanic, Operator  
Advanced Machine  
Tools, Machinist, Wireman, Sewing  
Technology, Electrician, Mechanic (Motor  
Vehicle), Information  
Communication  
Technology System  
Maintenance, Turner, Welder,  
Carpenter, Fitter,  
Number of sanctioned unit :  
47  
Number of sanctioned seats  
: 957

		<p>Number of female trainees : 128</p> <p>No. of trainees in SC category : 218</p> <p>No. of trainees in ST category : 28</p> <p>No. of trainees in other categories : 301</p> <p>Total number of trainees : 547</p> <p>Percentage of enrolled trainees appearing for exam : 96%</p> <p>Pass out rate : 54%</p> <p>Proportion of female trainees enrolled : 23%</p>
2	Enter Location	 <p>Latitude <b>18.9440978</b></p> <p>Longitude <b>72.830544</b></p>
3	Has the ITI received support under the following schemes:	<ul style="list-style-type: none"> <li>• Vocational Training Improvement Project</li> </ul>

4	Utilization Percent of funds received under other schemes	
	<b>Questions</b>	<b>Total amount received under scheme (INR)</b>
	<b>Labels</b>	<b>Amount of funds utilized (INR)</b>
	Vocational Training Improvement Project	57690000
		100

### Details of Principal

5	Name of Principal	Dashrath Narayan Nagare
6	Mobile Number	IN(+91)-9423419878
7	Email Id	dnnagare111@gmail.com
8	Date of Appointment in the department	28-03-1985
9	Date of joining ITI	01-09-2018
10	Is the Principal full-time?	<ul style="list-style-type: none"> <li>No</li> </ul>
11	State additional charges or Details of other ITI	Head Master G.T.H.S. Deoli Dist. Wardha

### Revenue generation

12	Does the ITI engage in any revenue generation activities	<ul style="list-style-type: none"> <li>No</li> </ul>
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### Enrollment Data of Non- CTS Trades

14	Number of other NSQF compliant trades offered in ITI (if any) (with a minimum duration of 300 hours)	0
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### Placement and Industry Linkage Details

16	Employment/self-employment/further education Rate of previous graduates Settings: Limits: [0, Not set]	100
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17 **Details of Wage Placement offered to trainees in the academic session 2017-18**

Questions	Percent of Students Placed against Passed	Average Annual Salary of the students placed (in INR)
Labels		
CTS Trades (a)	85	120000
Other NSQF compliant trades (min. duration 300 hours) (b)	0	0
Overall (a + b)	85	120000

18 **Attach Relevant Documentary Proof for Placement Data**

View File 

19 **Does the ITI have a functional Training, Counseling and Placement Cell (TCPC)?**

- Yes

20 **Number of staff in Training, Counseling and Placement Cell (TCPC)**

Settings: Limits: [0, Not set]

1

21 **Details of TCPC Staff**

Questions	Designation / Job role	Does the Designation have a dedicated full time employee
Labels		
Details of TCPC Staff_1	T.C.P.O	No

22 **Number of Industry sectors currently present in the surrounding geographical region of the ITI**

3

23 Details of industrial sectors currently present in the geographical region of the ITI

Questions	Name of the Industry Sector	List of Industries aligned to above Industry sector
<b>Labels</b>		
Details of industrial sectors currently present in the geographical region of the ITI_1	Production & Manufacturing	Mahalaxmi TMT Pvt. Ltd. Deoli
Details of industrial sectors currently present in the geographical region of the ITI_2	Electrical	Gamon India Pvt.Ltd. Deoli
Details of industrial sectors currently present in the geographical region of the ITI_3	Production & Manufacturing	Wills India Pvt.Ltd.

24 Number of MoUs signed with Industries in past 2 years

0

### On-the-Job Training (OJT) Details

27 Number of CTS trades where OJT is required as per curricula

0

29 Number of other NSQF compliant trades (min. duration 300 hours) where OJT is required as per curricula

0

### Instructor details

32 Please provide details of teaching staff engaged in the ITI

<b>Total Number of Instructors</b>	<b>Total number of sanctioned posts</b>	<b>Number of sanctioned posts filled by Regular faculty</b>	<b>Number of sanctioned posts filled by contract faculty</b>	<b>Percent of Sanction Posts Filled</b>	<b>Number of Guest lecturers engaged for vacant posts</b>	<b>Total number of CITS certified Trainers</b>
26	26	15	0	58	6	3

**Please indicate salary of Contract Instructors**

0

33 Indicate action initiated and date by when vacant post(s) (if any) of instructor(s) is likely to be filled

Aug2019

34 Number of designations (positions) for non-teaching staff engaged in ITI

07






## 35 Details of non-teaching staff engaged in the ITI

<b>Questions</b>	<b>Designation / Job role</b>	<b>Total Number of Staff for Job</b>	<b>Number of sanctioned posts</b>	<b>Number of posts filled with regular employees</b>	<b>Number of posts filled with contract employees</b>
<b>Labels</b>					
Details of non-teaching staff engaged in the ITI_1	Group Instructor	3	3	3	0
Details of non-teaching staff engaged in the ITI_2	Head Clerk	1	1	1	0
Details of non-teaching staff engaged in the ITI_3	Senior Clerk	3	3	3	0
Details of non-teaching staff engaged in the ITI_4	Junior Clerk	3	3	2	0
Details of non-teaching staff engaged in the ITI_5	Assistant Storekeeper	1	1	1	0
Details of non-teaching staff engaged in the ITI_6	Peon	2	2	2	0
Details of non-teaching staff engaged in the ITI_7	Class IV employee	7	7	7	0

36 Indicate action initiated and date by when non-teaching vacant post(s) is likely to be filled

Aug 2019



<b>Part B: Strategic Plan</b>	
37	Attach Filled Template of Strategic Plan <span style="float: right;">View File </span>
<b>Part C: Procurement Plan</b>	
38	Attach Filled Template of Procurement Plan <span style="float: right;">View File </span>
<b>Part D: IMC Details</b>	
39	Attach Filled Template of IMC/equivalent Details <span style="float: right;">View File </span>
<b>Part E: Testimonials and Other Supporting Multimedia Information</b>	
40	Testimonial ( Principal) <span style="float: right;">View it on <a href="https://collect.socialcops.com/">https://collect.socialcops.com/</a></span>
41	Testimonial ( Faculty) <span style="float: right;">View it on <a href="https://collect.socialcops.com/">https://collect.socialcops.com/</a></span>
42	Testimonial ( Existing Trainee/ Alumni -1) <span style="float: right;">View it on <a href="https://collect.socialcops.com/">https://collect.socialcops.com/</a></span>
43	Testimonial (Existing Trainee/ Alumni - 2) <span style="float: right;">View it on <a href="https://collect.socialcops.com/">https://collect.socialcops.com/</a></span>
44	Testimonial (Existing Trainee/ Alumni - 3) <span style="float: right;">View it on <a href="https://collect.socialcops.com/">https://collect.socialcops.com/</a></span>
45	IT Lab Photograph 
46	Hostel Photograph <span style="float: right;">N/A</span>
47	Revenue Generation Center Photograph 

48 Training and Placement Cell Photograph



## **Part B: Strategic Plan**

**Note:** This to be determined through ISP submitted and/or testimonials (on the online portal) from principal, trainers, industry members, alumni. Additionally, the list of activities mentioned in the following sections is not exhaustive and may include other activities as identified by the ITI.

### **Plan for increased participation of female students :**

Please provide details of activities planned to increase the share of female students in the ITI:

Studies to assess entry barriers and constraints of female youth

Mobilization:

Marketing of ITI programs among female youth

Increasing career counseling targeted towards female youth

Facilities:

Hostels facilities ( excluding civil infrastructure)

Improvement of sanitary facilities for female students

Transport

Introduction of new courses with good labor market prospects for women

Recruitment of female teachers (incl. as contract teachers)

Development of institutional gender-policies and gender training of teaching and management staff

Earmarked employment promotion activities for females

Other activities that will ensure that the female participation rate will have increased by 25% in next 4-5 years.

### ***Plan***

- Already female students participation is up to 23% of total Intake and full quota of female candidate are filled every year.
- Face to face contact among female youth for Marketing of ITI trade through nearby school to retain participation of female
- Assure of jobs after complitation of training
- Providing all facilities i.e. sanitary, transport, Women Complaint Cell, promoting jobs etc.
- Will maintain all aspect regarding participation of female
- Counseling center to address issues faced by female trainees.
- Conducting Career counseling targeted towards female youth .

## **Plan for increased participation from disadvantaged sections of the society**

Please provide details of activities planned to increase the share of students in ITI from minority/ ST and other disadvantaged sections of the society:

Studies to assess entry barriers and constraints of youth from schedules casts and tribes

Mobilization:

Marketing of ITI programs among minority/ ST youth

Increasing career counseling targeted towards minority/ ST youth

Facilities:

Hostels ( excluding civil infrastructure)

Transport

Earmarked employment promotion activities for minority/ ST youth

Development of institutional policies and training of teaching and management staff to address concerns of minority/ ST students

Others

### **Plan**

- Marketing of Govt scheme related to ST/Minority through their pre matriculation hostel
- Awareness workshops regarding issues faced by trainees from minority and disadvantaged group
- Searching for Sponsoring person to waiving Hostel fee and other expenditure related to training .
- Focused marketing of the facilities for minority and ST trainees
- Increasing career counseling target towards disadvantaged sections.
- Launching NSQF short term courses

### 3. Plan for improved placement

Please provide details of activities to improve employment promotion activities to support graduates' work readiness and entry into the labor market:

Upgradation of Training, Counseling and Placement Cell (TCPC):

Additional staff

Capacity development of placement officers

Introducing career counseling activities

Plan to have trades under Dual System of Training

Plan to have industry involvement in each and every trade running in the ITI. This will include but not limited to provide some benefit to ITI like student exposure program, internship/apprenticeship opportunity, industry sponsored infrastructure, teacher training, industry expert lecture, placement assistance, assistance in curriculum revamp

Conducting placement activities (job fairs, recruitment days, job matching services, etc.)

#### Plan

- Alumni network to be established through BTRI and TCPC cell
- Career counselling of trainees especially of female trainees.
- Encouraging establishments to engage more female trainees.
- Arranging workshops to improve trainees financial literacy, soft skills, safety awareness and awareness regarding carrier progression.
- Encouraging and helping trainees to migrate to employment clusters.
  - More Staff will engage for survey of job opportunities.
  - Involvement of local industry by interacting with institute.
  - Organise more job fairs & mobilization of trainees to industrial area.
  - Responsibility will laid down to trade Instructor for placement and interaction with industry.

### 4. Plan for increased industry linkage

Please provide details of the industries with which the ITI plans to enter into cooperation agreements and the proposed areas of cooperation.

#### Plan

S. No.	Enterprise	Industrial sector	Proposed areas of cooperation
01.	Wills India Pvt.Ltd.Deoli	Production & Manufaturing	OJT/Placement
02.	Gamon India Pvt.Ltd. Deoli	Production & Manufaturing	OJT/Placement
03	Mahalxmi TMT Pvt.Ltd. Deoli	Production & Manufaturing	OJT/Placement

## 5. Proposal for increased OJT provision and other employment promotion activities

Please provide details of activities to improve OJT:

- \*Plan to provide OJT in industry to 100% of the eligible students
- \*Improving the relevance of OJT in encouraging entrepreneurship education and training
- \*Leveraging OJT for improving soft-skills and work readiness teaching
- \*Other activities

### Plan

- Organizing job fairs for OJT partners, encouraging involvement of ITI staff in the same to assist the trainees.
- Interacting with linkage industries for OJT .

## 6. Plan for increased Labor-market relevance of proposed new and added trade areas (likelihood that graduates get jobs)

Have any studies, surveys or other measures been taken to determine the skill needs of the geographical region. Please provide details

- Plan to introduce labour market relevant trades as CNC Operator

New programs:

Please provide the details of new trades to be introduced in the table below. The new trades should be introduced based on an assessment of their labor market relevance.

### Plan

Sr. No.	Trade/Course to be Introduced	Industrial Sector	Skill demand being addressed	No. of Units to be Introduced	Cooperating enterprise, if any
1	Certificate Course in CNC Turning	Production & Manufacturing		01	---
2	Certificate Course in CNC Milling	Production & Manufacturing		01	---
3	Tig/Mig Welding	Production & Manufacturing		01	---
3	M.M.T.M.	Production & Manufacturing		02	---
4	Machinist (Upgradation)	Production & Manufacturing		00	---
5	Electrician (Upgradation)	Electrical		00	---
6	Mech. Motor Vehicle (Upgradation)	Automobile		00	---
7	Wireman (Upgradation)	Electrical		00	---
8	Operator Advc.M/C Tool (Upgradation)	Production&Manufacturing		00	---

## **7. Plan to introduce periodic ToT refresher programs and trainer career progression policy**

Please detail a strong and innovative proposal adopt/ introduce periodic ToT refresher programs and trainer career progression policy.

Plan should ensure that the trained trainers/ online trainer program will be available to impart training across all the career stages of the trainer

### **Plan**

- 1) Instructor will be encouraged Trainees to participate in online Training Course to ensure 100% Trainees to be Trained.
- 2) Instructor will be encouraged to train New Trainees on effective teaching like black board utilization on shairing of multimedia market / Social media with students.
- 3) Instructor will be provided at least 15 days Industrial Training.

## **8 Plan to fill sanctioned strength with CITS trained trainers**

Please detail a proposal to increase CITS trained trainers.

Plan should ensure that the CITS trained trainers rate will have doubled until the end of the ISP duration.

- Sanctioned strength will be filled as per the norms with mandatory CITS training.
- Program arrange for Instructor CITS training ( those who have not completed CITS training )

## **9. Others**

### **9.1. Revenue generation**

Please provide details of activities proposed to be undertaken for the purpose of revenue generation

New programs

Refresher training for workers in industry

Production and sale of goods and services during practical training

Renting-out facilities to industry

Other

- Short term training courses to fresher and industrial workers.
- To undertake small industrial assignments for revenue generation.
- Vehicle Washing station to be started.

## 9.2. Resource requirement

Total funds required to undertake the proposed activities: 250 LAKHS INR

Total funds claimed under the PBGA Scheme (up to a maximum limit of INR): 250 LAKHS INR

Please give the details of additional staff requirement:

<b>Sr. No.</b>	<b>Designation</b>	<b>Number of personnel required</b>	<b>Period for which required</b>
01	T.C.P.O	01	For 2 Year

Manner in which the funds claimed under PBGA Scheme is proposed to be used (indicative only):



**Note:**

Kindly fill the below information table basis "Eligible and Non-Eligible Expenditures for Government ITIs/Private ITIs" table mentioned in the manual under Section 3.1.7

*For government ITI, only Minor essential renovation /repair required for installation of machines allowed. This amount shall not exceed more than 5% of the total amount allocated to the ITI*

*For private ITI, no civil works are allowed*

Sr.No.	Items	Year 1	Year 2	Year 3	Year 4	Year 5	Total
<b>Non –Recurring Costs ( in INR lakh )</b>							
1	Minor Civil Work	01	01	01	01	01	05
2	Equipment , Furniture and other goods	67	26	26	22	13	125
3	Training of Teaching and Management staff	3	1	1	1	1	07
4	ICT Infrastructure	3	3	3	3	3	15
5	Purchase of books and other learning materials	2	1	1	1	0	5
6	<b>Sub Total</b>	<b>76</b>	<b>32</b>	<b>32</b>	<b>28</b>	<b>18</b>	<b>173</b>
<b>Recurring costs (in INR lakh)</b>							
7	Salary of additional staff	02	02	00	00	00	04
8	Facilities for trainees	01	01	01	01	01	05
9	Misc. (please specify)	01	01	01	01	01	05
<b>Sub - Total</b>		<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>27</b>
<b>Grant Total (6+10) (in INR lakh)</b>		<b>80</b>	<b>36</b>	<b>34</b>	<b>30</b>	<b>20</b>	<b>200</b>

Plan of ITI to adopt online admissions, dual training, online examination, career progression policy for their trainers

Online admissions, online examination currently adopted  
The region lacks major industries but still industries are being convinced for dual training.

**9.3. Please provide details on plan to increase the grading score during the course of the STRIVE Project clearly indicating the plan where ITIs scored less than 50% of the category score (i.e . categories of grading parameters)**

**Current Grading Score Star Rating 2.3  
More MOU with industries for OJT placement.  
100% aaprentiship to passout .**



**Part D: Information about IMC/equivalent (If exists)**

1	Chairperson of the IMC (or equivalent)	<b>IMC NOT FORM, FORMATION IS IN PROGRESS</b>		
	(i) Name			
	(ii) Parent Organization and Designation			
	(iii) Address			
	(iv) Phone			
	(v) Fax			
	(vi) Email			
	(vii) Industrial Sector			
2	Secretary of the IMC (or equivalent) (Principal of ITI)			
3	Industry Members	Name of member	Organization and Designation	Industrial Sector
	Member 1			
	Member 2			
	Member 3			
	Member 4			
4	State Government Representatives	Name of member	Department and Designation	
	Member 1			
	Member 2			
	Member 3			
	Member 4			
	Member 5			
5	(Names of any other member)	Name of member	Department and Designation	

6	Date on which IMC (or equivalent) was registered as Society, Trust or as a Section 8 Company as per Companies Act 2013?	
7	(i) Is the Chairperson working full-time for the IMC (or equivalent)?  (ii) If no, is there any person appointed full-time for the purposes of the IMC (or equivalent)? Please provide name and contact details.	
8.	Does the IMC (or equivalent) have its own bank account (Y/N)	
9.	Has the IMC (or equivalent) been delegated the following powers.	
	a) To assess emerging skill requirements in the region and suggest changes in training courses being run in the ITI;	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	b) To start short-term training courses in the ITI and charge suitable fees for the same;	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	c) To review training needs and approve training of instructors, and of administrative/office staff;	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	d) To facilitate placement of ITI graduates;	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	e) To generate, retain and utilize any revenue that has been generated from running short-term courses, production houses, or any other income-generation activity, for the benefit of the ITI, trainees and graduates; and	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____

	f) To appoint contract faculty as per need.	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	g) To procure goods and services	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____
	h) To utilize fund, grants or budget for institute allied activities	Y/N Please specify under what arrangement (MoU/rules/notification/others):_____

30

Mahaviataran, MSEDCL,  
Wardha

MSRTC, Wardha

Wheels India Pvt. Ltd.  
Pune

Dhoot Transmission  
Pvt. Ltd. Aurangabad

Raymonds UCO  
Denim Pvt. Ltd.  
Yavatmal

Ruch Industries  
Pvt. Ltd. Aurangabad

L & T Construction  
Pvt. Ltd. Panvel

Even Electricals  
pvt. Ltd., Pune

4	SAMIKSHA PRAKASH KUCHAVE	F
5	PUDA PRAMODKAR KAPSE	F
6	PALLAVI SURESHRAO BAWANKAR	F
7	AKANKSHA ANAND GEDAM	F
8	PAYAL ANAND NARANJE	F
9	TINA VASANTRAO MALKHENDE	F
10	PRITI MAROTI MADAVI	F
11	BHAGYASHRI RAJENDRA HOLE	F
12	MOHINI RUPRAO NAIK	F



### Part C : Procurement Plan

Procurement Plan : IMC to submit the procurement plane for ITI as per section 4.2 - procurement guidelines in the below format :

Illustrative - Sample Sample Illustrative Plan to be submitted by ITI

I. Total Planned procurement Ammount (Year 1 to Year 5) : (in INR Rs.200 Lakh)

ii Year - wise details of procurement of items (Goods,Services etc.) are detailed below

A. Items to be procured in Year - 1

Sr.No	Name of Item	Specification	Trade/Course for which it is required	Total Required	Rate / Unit (in INR lakh)	Total (in INR lakh)	Method of procurement (e.g. Shopping/Competitive Bidding)
1	Lathe all gear head type, with Centre height of 150 mm or below, Gap bed, between centers 1000 mm (with 3 jaw and 4 jaw chuck, coolant equipments).	As Per Syllabus	Mech. Machine Tool Maint.	2	13	26	Shopping/Competitive Bidding
2	Surface grinding machine wheel dia 180 mm (or near) reciprocating table, longitudinal table traverse 200mm (or near) full motorized supplied with magnetic chuck 250 X120mm and necessary accessories.	As Per Syllabus	Mech. Machine Tool Maint.	1	15	15	Shopping/Competitive Bidding
3	Double ended Pedestal Grinder with 178 mm wheels(one fine and one rough)- motorized with twist drill grinding attachment	As Per Syllabus	Mech. Machine Tool Maint.	1	0.5	0.5	Shopping/Competitive Bidding
4	Shaping Machine 450 mm stroke (motorized) with all attachments	As Per Syllabus	Mech. Machine Tool Maint.	1	0.5	0.5	Shopping/Competitive Bidding
5	Drilling machine pillar type 20mm capacity.	As Per Syllabus	Mech. Machine Tool Maint.	1	2	2	Shopping/Competitive Bidding

6	Tool and cutter grinder 250 mm to admit 450 m between centrefully motorised work head supplied with tool rest of different types table clamps and attachment	As Per Syllabus	Machinist	1	3.5	3.5	Shopping/Competitive Bidding
7	Four stroke petrol engine with CNG setup-working condition	As Per Syllabus	M.M.V.	1	2	2	Shopping/Competitive Bidding
8	Wheel alignment Machine –computerised 3 D	As Per Syllabus	M.M.V.	1	1.5	1.5	Shopping/Competitive Bidding
9	AC phase-wound slip ring Motor with starter and switch 5 HP, 400 volts, 3-phase, 50 cycles	As Per Syllabus	Electrician	1	0.5	0.5	Shopping/Competitive Bidding
10	2KVA Alternator with 3 ph induction motor	As Per Syllabus	Wireman	1	0.5	0.5	Shopping/Competitive Bidding
11	Lathe S.S & S.C.(all geared type) with minimum specification as: 150 mm center height, 1000 mm between centers, along with 4- jaw & 3-jaw chucks, auto feed system, taper turning attachment, Motorized coolant system, safety guard, dog carriers, face plate and machine light arrangement.	As Per Syllabus	O.A.M.T.	1	13	13	Shopping/Competitive Bidding
12	Drilling machine pillar type 20mm. capacity with drill chuck & key.	As Per Syllabus	O.A.M.T.	1	1	2	Shopping/Competitive Bidding
<b>TOTAL</b>						<b>67</b>	

B. Items to be procured in Year - 2

	Name of Item	Specification	Trade/Course for which it is required	Total Required	Rate / Unit (in INR lakh)	Total (in INR lakh)	Method of procurement (e.g. Shopping/Competitive Bidding)
1	Old hydraulic power pack with hydraulic cylinder	As Per Syllabus	M.M.T.M	1	1	1	Shopping/Competitive Bidding
2	Old hydraulic power press	As Per Syllabus	M.M.T.M	1	2	2	Shopping/Competitive Bidding
3	Old Vane pump fixed and variable delivery	As Per Syllabus	M.M.T.M	1	0.5	0.5	Shopping/Competitive Bidding
4	Old Piston pump ( Radial & Axial)	As Per Syllabus	M.M.T.M	1	0.4	0.4	Shopping/Competitive Bidding
5	Tools for CNC Machine	As Per Syllabus	O.A.M.T	1Set	0.5	0.5	Shopping/Competitive Bidding

6	a) Multimedia based simulator for CNC technology and interactive CNC part programming software for turning & milling with virtual machine operation and simulation using popular operation control system such as Fanuc, Siemens, etc. (Web-based or licensed based) (10 trainees + 1 faculty)	As Per Syllabus	O.A.M.T	1	2	2	Shopping/Competitive Bidding
	Pneumatic trainer with necessary elements for demonstration different machine circuit with all types of valves, pressure gauge and compressor etc.	As Per Syllabus	O.A.M.T	1	3.5	3.5	Shopping/Competitive Bidding
7	Electrical machine Trainer - Suitable for demonstrating the construction and functioning of different Types of D. C. machine & AC Machine ( Single phase & Three phase ) Should be fitted with friction break arrangement, dynamo meter , instrument panel, power supply	As Per Syllabus	Electrician		2.5	2.5	Shopping/Competitive Bidding
8	Shaded pole motor	As Per Syllabus	Electrician		0.8	0.8	Shopping/Competitive Bidding
9	Bath Impregnating	As Per Syllabus	Electrician		0.2	0.2	Shopping/Competitive Bidding
10	Oven Stove	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
11	Synchronous motor 3 Phase, 3 HP, 415V, 50Hz, 4 Pole, with accessories.	As Per Syllabus	Electrician		0.5	0.5	Shopping/Competitive Bidding
12	Lux meter	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
13	Inverter- 1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	As Per Syllabus	Electrician		0.1	0.1	Shopping/Competitive Bidding

14	Domestic appliances a.Electric hot plate 1500Wt b.Electric Kettle 1500Wt c.Electric Iron 1500Wt d. Immulsion Heater 1500Wt e. A.C. Fan f.Geyser (Storage Type) 15 Ltr minimum g.Mixture & Griender	As Per Syllabus	Electrician		0.2	0.2	Shopping/Competitive Bidding
	A.C. Energy Meter Single Phase, 10 A, 240 V induction type		Electrician		0.03	0.03	Shopping/Competitive Bidding
	Ohm Meter; Series Typeportable box type 50/2000-ohm analog		Electrician		0.5	0.5	Shopping/Competitive Bidding
	Ohm Meter portable box type 50/2000-ohm analog Shunt Type ,		Electrician		0.5	0.5	Shopping/Competitive Bidding
	Digital Wattmeter 230 V, 1 KW, 50 Hz		Electrician		1.5	1.5	Shopping/Competitive Bidding
	A.C. Energy Meter Three Phase, 15 A , 440 V induction type		Electrician		1.5	1.5	Shopping/Competitive Bidding
	Wheat Stone Bridge with galvanometer and battery		Electrician		1.5	1.5	Shopping/Competitive Bidding
	Hydraulic jack HI-LIFT type -5 ton capacity,		M.M.V.		0.5	0.5	Shopping/Competitive Bidding
	Liquid penetrant Inspection kit		M.M.V.		0.02	0.02	Shopping/Competitive Bidding
	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling		M.M.V.		2.5	2.5	Shopping/Competitive Bidding
	Multi Scan Tool with oscilloscope		M.M.V.		3.5	3.5	Shopping/Competitive Bidding
						26.35	

C. Items to be procured in Year - 3

	Name of Item	Specification	Trade/Course for which it is required	Total Required	Rate / Unit (in INR lakh)	Total (in INR lakh)	Method of procurement (e.g. Shopping/Competitive Bidding)
1	Tools for CNC Machine	As Per Syllabus	O.A.M.T	1Set	0.5	0.5	Shopping/Competitive Bidding
2	Pneumatic trainer with necessary elements for demonstration different machine circuit with all types of valves, pressure gauge and compressor etc.	As Per Syllabus	O.A.M.T	1	3.5	3.5	Shopping/Competitive Bidding
3	Electrical machine Trainer - Suitable for demonstrating the construction and functioning of different Types of D. C. machine & AC Machine ( Single phase & Three phase ) Should be fitted with friction break arrangement, dynamo meter , instrument panel, power supply	As Per Syllabus	Electrician		2.5	2.5	Shopping/Competitive Bidding
4	Shaded pole motor	As Per Syllabus	Electrician		0.8	0.8	Shopping/Competitive Bidding
5	Bath Impregnating	As Per Syllabus	Electrician		0.2	0.2	Shopping/Competitive Bidding
6	Oven Stove	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
7	Synchronous motor 3 Phase, 3 HP, 415V, 50Hz, 4 Pole, with accessories.	As Per Syllabus	Electrician		0.5	0.5	Shopping/Competitive Bidding

8	Lux meter	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
9	Inverter- 1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	As Per Syllabus	Electrician		0.2	0.2	Shopping/Competitive Bidding
10	Domestic appliances a.Electric hot plate 1500Wt b.Electric Kettle 1500Wt c.Electric Iron 1500Wt d. Immulsion Heater 1500Wt e. A.C. Fan f.Geyser (Storage Type) 15 Ltr minimum g.Mixture & Griender	As Per Syllabus	Electrician		0.2	0.2	Shopping/Competitive Bidding
11	A.C. Energy Meter Single Phase, 10 A, 240 V induction type		Electrician		0.03	0.03	Shopping/Competitive Bidding
12	Ohm Meter; Series Typeportable box type 50/2000-ohm analog		Electrician		0.5	0.5	Shopping/Competitive Bidding
13	Ohm Meter portable box type 50/2000-ohm analog Shunt Type ,		Electrician		0.5	0.5	Shopping/Competitive Bidding
14	Digital Wattmeter 230 V, 1 KW, 50 Hz		Electrician		1.5	1.5	Shopping/Competitive Bidding
15	A.C. Energy Meter Three Phase, 15 A , 440 V induction type		Electrician		1.5	1.5	Shopping/Competitive Bidding
16	Wheat Stone Bridge with galvanometer and battery		Electrician		1.5	1.5	Shopping/Competitive Bidding
17	Old hydraulic power pack with hydraulic cylinder	As Per Syllabus	M.M.T.M	1	1	1	Shopping/Competitive Bidding
18	Old hydraulic power press	As Per Syllabus	M.M.T.M	1	2	2	Shopping/Competitive Bidding
19	Old Vane pump fixed and variable delivery	As Per Syllabus	M.M.T.M	1	0.5	0.5	Shopping/Competitive Bidding
20	Old Piston pump ( Radial & Axial)	As Per Syllabus	M.M.T.M	1	0.5	0.5	Shopping/Competitive Bidding

21	Tube/ tyre vulcanizing machine	As Per Syllabus	M.M.V.	1	2	2	
22	Two post car lift – capacity 4000 kg	As Per Syllabus	M.M.V.	1	0.5	0.5	
23	Hydraulic jack HI-LIFT type -5 ton capacity,	As Per Syllabus	M.M.V.	1	0.5	0.5	Shopping/Competitive Bidding
24	Liquid penetrant Inspection kit	As Per Syllabus	M.M.V.	1	0.02	0.02	Shopping/Competitive Bidding
25	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling	As Per Syllabus	M.M.V.	1	2	2	Shopping/Competitive Bidding
26	Multi Scan Tool with oscilloscope	As Per Syllabus	M.M.V.	1	3	3	Shopping/Competitive Bidding
						26.05	

D. Items to be procured in Year - 4



	Name of Item	Specification	Trade/Course for which it is required	Total Required	Rate / Unit (in INR lakh)	Total (in INR lakh)	Method of procurement (e.g. Shopping/Competitive Bidding)
1	<p><b>Universal Milling machine with minimum</b> specification as: Table Length x width 1200 x 300 mm having motorized up &amp; down movement along with auto feed arrangement and with following attachments such as:</p> <p>a. Vertical head b. Slotting attachment c. Rack cutting attachment d. Rotary table e. Dividing head</p> <p>Adaptors, arbors and collects etc. for holding straight shank drills and cutters from 3 mm to 25 mm.</p>	As Per Syllabus	O.A.M.T.	1	3.5	3.5	Shopping/Competitive Bidding
2	LCD projector	As Per Syllabus	O.A.M.T.	1	0.5	0.5	Shopping/Competitive Bidding
3	LCD Projector/large screen TV	As Per Syllabus	Machinist	1	1	1	Shopping/Competitive Bidding
	Universal Milling Machine with minimum specification as	As Per Syllabus	Machinist	1	12	12	Shopping/Competitive Bidding
4	Bench liver shears 250 mm blade x 3 mm capacity	As Per Syllabus	M.M.V	1	0.5	0.5	Shopping/Competitive Bidding
5	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with swivelling stand	As Per Syllabus	M.M.V	1	0.5	0.5	Shopping/Competitive Bidding

6	Liquid penetrant Inspection kit		M.M.V.		0.02	0.02	Shopping/Competitive Bidding
7	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling		M.M.V.		2.5	2.5	Shopping/Competitive Bidding
8	Multi Scan Tool with oscilloscope		M.M.V.		4	4	Shopping/Competitive Bidding
9	Battery Charger	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
10	Growler	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
11	Load Bank 5 KW( Lamp / heater Type)	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
12	Voltage Stabiliser Input: 150 – 230 volt AC Output: 220 volt AC	As Per Syllabus	Electrician		0.5	0.5	Shopping/Competitive Bidding
13	3 Point D.C. starter	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
14	4 Point D.C. starter	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
15	Hygrometer	As Per Syllabus	Electrician		0.01	0.01	Shopping/Competitive Bidding
16	Hygrometer	As Per Syllabus	Electrician		0.01	0.01	Shopping/Competitive Bidding
17	Lux meter	As Per Syllabus	Electrician		0.05	0.05	Shopping/Competitive Bidding
						25.34	

E. Items to be procured in Year - 5

	Name of Item	Specification	Trade/Course for which it is required	Total Required	Rate / Unit (in INR lakh)	Total (in INR lakh)	Method of procurement (e.g. Shopping/Competitive Bidding)
1	<p><b>Universal Milling machine with minimum</b> specification as: Table Length x width 1200 x 300 mm having motorized up &amp; down movement along with auto feed arrangement and with following attachments such as:</p> <ul style="list-style-type: none"> <li>a. Vertical head</li> <li>b. Slotting attachment</li> <li>c. Rack cutting attachment</li> <li>d. Rotary table</li> <li>e. Dividing head</li> </ul> <p>Adaptors, arbors and collects etc. for holding straight shank drills and cutters from 3 mm to 25 mm.</p>	As Per Syllabus	O.A.M.T.	1	3.5	3.5	Shopping/Competitive Bidding
2	LCD projector	As Per Syllabus	O.A.M.T.	1	0.5	0.5	Shopping/Competitive Bidding
3	LCD Projector/large screen TV	As Per Syllabus	Machinist	1	1	1	Shopping/Competitive Bidding
4	Bench liver shears 250 mm blade x 3 mm capacity	As Per Syllabus	M.M.V	1	0.5	0.5	Shopping/Competitive Bidding
5	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with swivelling stand	As Per Syllabus	M.M.V	1	0.5	0.5	Shopping/Competitive Bidding
6	Liquid penetrant Inspection kit		M.M.V.		0.02	0.02	Shopping/Competitive Bidding

7	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling		M.M.V.		2.5	2.5	Shopping/Competitive Bidding
8	Multi Scan Tool with oscilloscope		M.M.V.		4	4	Shopping/Competitive Bidding
9	Battery Charger	As Per Syllabus			0.05	0.05	Shopping/Competitive Bidding
10	Growler	As Per Syllabus			0.05	0.05	Shopping/Competitive Bidding
11	Load Bank 5 KW( Lamp / heater Type)				0.05	0.05	Shopping/Competitive Bidding
12	Voltage Stabiliser Input: 150 – 230 volt AC Output: 220 volt AC				0.5	0.5	Shopping/Competitive Bidding
13	3 Point D.C. starter				0.05	0.05	Shopping/Competitive Bidding
14	4 Point D.C. starter				0.05	0.05	Shopping/Competitive Bidding
15	Hygrometer				0.01	0.01	Shopping/Competitive Bidding
16	Hygrometer				0.01	0.01	Shopping/Competitive Bidding
17	Lux meter				0.05	0.05	Shopping/Competitive Bidding
						13.34	