



GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
DIRECTORATE GENERAL OF TRAINING  
REGIONAL DIRECTORATE OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**NATIONAL SKILL TRAINING INSTITUTE**  
VIDYANAGAR: HYDERABAD - 500 007



**TRAINING BROCHURE**

**2019-2020**

FROM THE DIRECTOR'S DESK

Dear Patrons,

I take the pleasure to introduce to a series of innovative training programmes specially designed for the Indian manufacturing sector and its associated sector in the country.

National Skill Training Institute (NSTI) formerly ATI, Hyderabad under the Directorate General of Training, Ministry of Skill Development and Entrepreneurship (MSDE) is one of the premier institutes setup by government of India in 1963 for generation trained instructors for the industrial workforce. Of late MSDE has leashed a number of initiatives which are being implemented at NSTI, Hyderabad in spirited manner.

- a) Advanced Technical Diploma Programme on IT, Networking and cloud Computing has been launched in collaboration with IBM India.
- b) Training on Solar Technician is going to be introduced.
- c) As a part of the start up camping being spear headed by Hon'ble Prime minister, setting up of technology, innovation and incubation center in NSTI, Hyderabad is under process.
- d) Prepare to offer demand driven tailor made courses in close association with industries.

Here our trainees and participants of various programmes get opportunity for hands on practical training and learn to work independently under the guidance of highly experienced and will qualified trainers which is hallmark for our training activities.

We equally emphasize on the development of core human value, mental and physical wellbeing of the trainees. I wish to call upon all the faculty and staff members of NSTI, Hyderabad to stand up to the core values, Join the endeavour and shoulder the responsibilities of imparting associated values to the trainees

Training methods being used , demonstration, practice at shop floor, class room lectures using modern teaching aids (AV aids), computer based Training, participatory method, learner centered and group discussions.

Industries such as HAL, BHEL, BDL, DRDL, DGQA, SBC, Power Grid Corporation, INS, etc. and State directorates, academics such as Polytechnics & Engineering colleges are few who have partnered with us.

Further the passed out trainees from this institutes are placed in various esteemed organizations

I believe in the team work, and any objective can be achieved only through participation of all, hence I wish to call upon stake holders, trainees faculties and others to join together for building skill ecosystem in the nation.

Regards,  
*AV Rao*  
-Director

---

# THE INSTITUTE

## ROLE

- To supply Instructors for Industrial Training Institutes (ITIs)
- To enhance the employability skills of Craft Instructors
- Cater the vocational training needs in skill upgradation of industrial work force of Government, Public & Private sectors.
- Enhancing skills of technically graduated unemployed youth.

## VISION

“TO BRING THE INSTITUTE TO INTERNATIONAL STANDARD BY PROVIDING WORLD CLASS TRAINING FACILITIES AND HIGHLY STIMULATING LEARNING ENVIRONMENT WITH PRIME FOCUS ON LATEST TECHNOLOGY.”

## MISSION

To strive to continually upgrade and update the skills of technical personnel by systematic training and keep them abreast with the technological advancement to foster innovation & emphasis on higher productivity

## ACADEMICS

In order to create high quality Skilled manpower, academic programmes have been carefully designed under different schemes and are categorized as :

### LONG TERM COURSES

Craft Instructors Training scheme (CITS)

To impart training to the candidates for becoming prominent instructor in ITI

### SHORT TERM COURSES

ADVANCED VOCATIONAL TRAINING SCHEME [AVTS]

To Impart training to upgrade the skills of industrial staff / worker & Technically graduated unemployed youth in the technical areas.

Various training programmes planned in above schemes for the year 2019 -2020 are listed separately under respective sections.

### TAILOR MADE COURSES

To impart training on specified skill & knowledge to the personnel sponsored by Govt. /Pvt. Industries & departments as per their need.

Minimum requirement of participants: - 10 participants

Various prestigious industries have utilized our services to train their employee viz. BHEL, HAL, DRDO, Naval Dockyard, Ship Building Center etc.

The above programmes are offered with adequate state-of-the art infrastructure. A right mix of conventional teaching-learning mechanisms along with industrial support, the programmes offered at NSTI ensure success. Our curriculum gets constantly revamped through feedbacks from students, mutual consultation with industry and the advice from Government.

## LONG TERM COURSES

### 1) CRAFT INSTRUCTORS TRAINING SCHEME (CITS)

Trades offered are :-

- |                |                              |
|----------------|------------------------------|
| i) Electrician | ii) Wireman                  |
| iii) Fitter    | iv) Turner                   |
| v) Machinist   | vii) Mechanic Motor Vehicle. |
| viii) Welder   |                              |

Programme structure

It is of one year duration and the one year covers the following modules

- a) Trade Technology-I (Comprising Basic components of trade practice and theory)
- b) Engineering Technology (Comprising workshop calculation & Science and Engg. Drawing)
- c) Trade Technology-II (Comprising Advanced components of trade practice and theory)
- d) Training Methodology (Comprising teaching practice and Principles of teaching )

Start of session: 1<sup>st</sup> AUGUST of every year.

How to Apply

Admission into above trades are made through all India common entrance examination. Application for the same are invited through the advertisement in Employment News / regional newspapers during the month of June of every year.

Entrance Examination Fee – Rs. 300/- for General Category, Rs. 100/- for SC / ST candidates

Eligibility for Admission

NCVT certificate in relevant trade or Diploma / Degree from recognized Board of Technical Education /University or equivalent

Preference is given to the candidates deputed by Govt. / Pvt. ITI sponsored by State Govt.. However, private candidates with above requisite are also consider for admission subject to the availability of seats, on order or merit.

Age limit :- Minimum 18 years, No upper age limit

Admission & Award of certificate

Candidate has to secure 60 % marks in Theory and practical (in Internal examinations) and also an 80 % attendance. On possessing above requisite candidates will be allowed to appear for final examination conducted by NCVT, New Delhi in Jul every year. And on passing the prescribed exam in each semester, trainees will be awarded with Instructor training Certificate from NCVT.

## SHORT TERM COURSES

### A) ADVANCED VOCATIONAL TRAINING SCHEME

#### 1) CNC

**COURSE CO-ORDINATOR :- Shri. K NAGA SRINIVAS, Dy. Director**

**Faculty:-Shri. B MURALIKRISHNA, Trg. Officer**

Course Code	Course Name	Duration (Weeks)	From	To
CNC - 01	Programming and Operation on CNC Turning Machine – Basic	01	01/04/19	05/04/19
			29/04/19	03/05/19
			17/06/19	21/06/19
			30/09/19	04/10/19
			18/11/19	22/11/19
			20/01/20	24/01/20
CNC - 02	Programming and Operation on CNC Milling Machine – Basic	01	15/04/19	18/04/19
			03/06/19	07/06/19
			01/07/19	05/07/19
			04/11/19	08/11/19
			06/01/20	10/01/20
			03/02/20	07/02/20
CNC - 03	Programming and Operation on CNC Turning Machine – Advanced	01	08/04/19	12/04/19
			06/05/19	10/05/19
			24/06/19	28/06/19
			28/10/19	01/11/19
			25/11/19	29/11/19
			27/01/20	31/01/20
CNC - 04	Programming and Operation on CNC Milling Machine – Advanced	01	22/04/19	26/04/19
			10/06/19	14/06/19
			08/07/19	12/07/19
			11/11/19	15/11/19
			13/01/20	17/01/20
			10/02/20	14/02/20
CNC – 05	Programming and Operation on CNC Horizontal Machining Centre	02	22/07/19	02/08/19
			03/09/19	13/09/19
			16/12/19	27/12/19
			02/03/20	13/03/20
CNC – 06	Programming and Operation on CNC Vertical Machining Centre	02	20/05/19	31/05/19
			19/08/19	30/08/19
			14/10/19	25/10/19
			16/03/20	27/03/20
CNC - 07	Programming and Operation on CNC Turn Mill Centre	02	05/08/19	16/08/19
			16/09/19	27/09/19
			02/12/19	13/12/19
			17/02/20	28/02/20

Eligibility Criteria: NTC / NAC in Machinist/Turner/Fitter or Diploma / Degree in Mechanical / Production / Mechatronics Engineering.

## 2) CAD-CAM

### COURSE CO-ORDINATOR :-

Course Code	Name of the Course	Duration (Weeks)	From	To
CAD-01	AutoCAD- Basics	01	01-Apr-19	05-Apr-19
			06-May-19	10-May-19
			08-Jul-19	12-Jul-19
			05-Aug-19	09-Aug-19
			16-Sep-19	20-Sep-19
			04-Nov-19	08-Nov-19
			06-Jan-20	10-Jan-20
			16-Mar-20	20-Mar-20
CAD-02	AutoCAD-2D Drafting and 3D Modeling	02	08-Apr-19	19-Apr-19
			07-Oct-19	18-Oct-19
			09-Dec-19	20-Dec-19
			10-Feb-20	21-Feb-20
CAD-03	CATIA- Basics	01	27-May-19	31-May-19
			22-Jul-19	26-Jul-19
			23-Sep-19	27-Sep-19
			25-Nov-19	29-Nov-19
CAD-04	CATIA- Advanced	01	20-Jan-20	24-Jan-20
			03-Jun-19	07-Jun-19
			29-Jul-19	02-Aug-19
			30-Sep-19	04-Oct-19
CAD-05	Creo- Basics	01	02-Dec-19	06-Dec-19
			27-Jan-20	31-Jan-20
CAD-06	Creo-Advanced	01	22-Apr-19	26-Apr-19
			26-Aug-19	30-Aug-19
CAD-07	Ansys - Basics	01	29-Apr-19	03-May-19
			02-Sep-19	06-Sep-19
			24-Jun-19	28-Jun-19
CAD-08	Ansys- Advanced	01	11-Nov-19	15-Nov-19
			02-Mar-20	06-Mar-20
			01-Jul-19	05-Jul-19
CAD-09	Mastercam- Milling	01	18-Nov-19	22-Nov-19
			09-Mar-20	13-Mar-20
			10-Jun-19	14-Jun-19
CAD-10	Mastercam- Turning	01	19-Aug-19	23-Aug-19
			21-Oct-19	25-Oct-19
			30-Dec-19	03-Jan-20
			20-May-19	24-May-19
			09-Sep-19	13-Sep-19
			23-Mar-20	27-Mar-20

**Eligibility Criteria** : For CAD-01 & CAD-02, NTC/NAC of NCVT with Experience or Diploma /Degree in Engineering. For CAD-03, CAD-05 & CAD-07 preferable knowledge on Drafting software is required and these courses are prerequisite for CAD-04, CAD-06 & CAD-08. For CAD-09 & CAD-10 preferable working knowledge on CNC with knowledge in any drafting software is required.

## 3) CONTROL TECHNOLOGY

**COURSE CO-ORDINATOR :- Shri. D SRINIVASA RAO, Dy. Director****Faculty:-Shri. JAYANT PAUL, Voc. Instructor**

Course Code	Name of the Course	Duration Weeks	From	To
IHPC-01	Industrial Pneumatic Controls	01	01-04-2019	05-04-2019
			06-05-2019	10-05-2019
			10-06-2019	14-06-2019
			01-07-2019	05-07-2019
			19-08-2019	23-08-2019
			03-09-2019	06-09-2019
			30-09-2019	04-10-2019
			04-11-2019	08-11-2019
			09-12-2019	13-12-2019
			06-01-2020	10-01-2020
			03-02-2020	07-02-2020
09-03-2020	13-03-2020			
IHPC-02	Industrial Hydraulic Controls	01	08-04-2019	12-04-2019
			13-05-2019	17-05-2019
			17-06-2019	21-06-2019
			08-07-2019	12-07-2019
			26-08-2019	30-08-2019
			09-09-2019	13-09-2019
			14-10-2019	18-10-2019
			11-11-2019	15-11-2019
			16-12-2019	20-12-2019
			20-01-2020	24-01-2020
			10-02-2020	14-02-2020
16-03-2020	20-03-2020			
IHPC-03	Industrial Hydraulics & Pneumatic Controls	02	20-05-2019	31-05-2019
			15-07-2019	26-07-2019
			16-09-2019	27-09-2019
			18-11-2019	29-11-2019
			23-12-2019	03-01-2020
24-02-2020	06-03-2020			
IHPC-04	Industrial Automation Using Electro-Pneumatics & Electro-Hydraulics	01	22-04-2019	26-04-2019
			24-06-2019	28-06-2019
			29-07-2019	02-08-2019
			21-10-2019	25-10-2019
			17-02-2020	21-02-2020
23-03-2020	27-03-2020			

Eligibility Criteria: ITI/NAC/Diploma/Degree in any trade or branch of engineering with or without experience and interested to learn and work in the area of Hydraulics, Pneumatics and Industrial Automation.

## 4) REFRIGERATION &amp; AIR-CONDITIONING

**Course Co-ordinator :- Shri B APPA RAO, Trg. Officer**

Course Code	Title of Course	No of weeks	FROM	TO
RAC-01	Installation, Servicing And Maintenance Of Split And Window Air Conditioner	01	01-04-2019	05-04-2019
			13-05-2019	17-05-2019
			10-06-2019	14-06-2019
			15-07-2019	19-07-2019
			26-08-2019	30-08-2019
			16-09-2019	20-09-2019
			14-10-2019	18-10-2019
			25-11-2019	29-11-2019
			24-02-2020	28-02-2020
			16-03-2020	20-03-2020
RAC-02	Servicing And Maintenance Of Domestic Refrigerator With Eco Friendly Refrigerant	01	08-04-2019	12-04-2019
			27-05-2019	31-05-2019
			17-06-2019	21-06-2019
			03-09-2019	06-09-2019
RAC-03	Servicing And Maintenance Of Car Air Conditioner With Eco Friendly Refrigerant	01	06-05-2019	10-05-2019
			22-07-2019	26-07-2019
			09-12-2019	13-12-2019
			27-01-2020	31-01-2020
RAC-04	Heat Load Calculations (Hvac-I)	01	22-04-2019	26-04-2019
			01-07-2019	05-07-2019
			29-07-2019	02-08-2019
			30-09-2019	04-10-2019
			11-11-2019	15-11-2019
			16-12-2019	20-12-2019
			10-02-2020	14-02-2020
			02-03-2020	06-03-2020
			22-04-2019	26-04-2019
RAC-05	Duct Design And Green Building Concept (Hvac-Ii)	01	29-04-2019	03-05-2019
			08-07-2019	12-07-2019
			05-08-2019	09-08-2019
			07-10-2019	11-10-2019
			18-11-2019	22-11-2019
			23-12-2019	27-12-2019
			17-02-2020	21-02-2020
			09-03-2020	13-03-2020
RAC-06	Installation, Servicing And Maintenance Of Multi-Split A/C	01	21-10-2019	25-10-2019
			30-12-2019	03-01-2020
RAC-07	Servicing And Maintenance Of Doemstic Inverter Type Of Refrigerator	01	19-08-2019	23-08-2019
			23-09-2019	27-09-2019
			28-10-2019	01-11-2019
			06-01-2020	10-01-2020
RAC-08	Installation, Servicing And Maintenance Of Inverter Type Split & Window A/C	01	13-01-2020	17-01-2020
			03-02-2020	07-02-2020

Eligibility Criteria: NTC/ / NAC of NCVT (all Mechanical/Electrical or Mechatronics) /RAC with relevant experience or Diploma /Degree in mechanical /Electrical/Electronics Engineering.



## 6) INDUSTRIAL AUTOMATION

**COURSE CO-ORDINATOR :- Smt. AKV ANNAPURNA, Trg. Officer**

Course Code	Name of the Course	Duration Weeks	From	To
IA – 01	Data Analysis with R	01	08-04-2019	12-04-2019
			06-05-2019	10-05-2019
			10-06-2019	14-06-2019
			01-07-2019	05-07-2019
			05-08-2019	09-08-2019
			04-11-2019	08-11-2019
			02-12-2019	06-12-2019
			03-02-2020	07-02-2020
			23-03-2020	27-03-2020
IA - 02	Programming with Python	01	22-04-2019	26-04-2019
			13-05-2019	17-05-2019
			17-06-2019	21-06-2019
			15-07-2019	19-07-2019
			19-08-2019	23-08-2019
			16-09-2019	20-09-2019
			18-11-2019	22-11-2019
			20-01-2020	24-01-2020
24-02-2020	28-02-2020			
IA – 03	Data Analysis with Python	01	25-11-2019	29-11-2019
			27-01-2020	31-01-2020
			02-03-2020	06-03-2020
IA – 04	IOT Implementation, Protocols and Security	01	14-10-2019	18-10-2019
			11-11-2019	15-11-2019
			16-12-2019	20-12-2019
			06-01-2020	10-01-2020
			10-02-2020	14-02-2020
IA – 05	Applications of Digital Electronics	01	23-09-2019	27-09-2019
			28-10-2019	01-11-2019
			30-12-2019	03-01-2020
			17-02-2020	21-02-2020
IA – 06	Cybersecurity Fundamentals	01	20-05-2019	24-05-2019
			24-06-2019	28-06-2019
			22-07-2019	26-07-2019
			09-09-2019	13-09-2019
			21-10-2019	25-10-2019
			13-01-2020	17-01-2020
			09-03-2020	13-03-2020
IA – 07	Data Analysis with Excel	01	07-10-2019	11-10-2019
			09-12-2019	13-12-2019
			16-03-2020	20-03-2020

Eligibility Criteria : IA 01, 02, 05,06 : Any Graduate (Pursuing or Completed) with Good working knowledge of computers. IA 03 : MUST have completed IA 01 Course. IA 04 : Diploma, Degree in Electronics, Electrical, Instrumentation or Physics (Pursuing or Completed)

## 7) COMPUTER SCIENCE

**COURSE CO-ORDINATOR :- Smt. B RAKESH, Trg. Officer**

Course Code	Course Title	No. of Weeks	From	To
<b>CS-01</b>	<b>MS - Office</b>	<b>01</b>	01-04-2019	05-04-2019
			08-04-2019	12-04-2019
			22-04-2019	26-04-2019
			29-04-2019	03-05-2019
			13-05-2019	17-05-2019
			20-05-2019	24-05-2019
			03-06-2019	07-06-2019
			10-06-2019	14-06-2019
			24-06-2019	28-06-2019
			01-07-2019	05-07-2019
			15-07-2019	19-07-2019
			22-07-2019	26-07-2019
			05-08-2019	09-08-2019
			13-08-2019	16-08-2019
			26-08-2019	30-08-2019
			03-09-2019	06-09-2019
			16-09-2019	20-09-2019
			23-09-2019	27-09-2019
			07-10-2019	11-10-2019
			14-10-2019	18-10-2019
			28-10-2019	01-11-2019
			04-11-2019	08-11-2019
			18-11-2019	22-11-2019
			25-11-2019	29-11-2019
			09-12-2019	13-12-2019
			16-12-2019	20-12-2019
			30-12-2019	03-01-2020
			06-01-2020	10-01-2020
			20-01-2020	24-01-2020
			27-01-2020	31-01-2020
10-02-2020	14-02-2020			
17-02-2020	21-02-2020			
02-03-2020	06-03-2020			
09-03-2020	13-03-2020			
23-03-2020	27-03-2020			
<b>CS-02</b>	<b>MS – Access</b>	<b>01</b>	06-05-2019	10-05-2019
			17-06-2019	21-06-2019
			29-07-2019	02-08-2019
			09-09-2019	13-09-2019
			11-11-2019	15-11-2019
			23-12-2019	27-12-2019
			03-02-2020	07-02-2020
06-05-2019	10-05-2019			

Eligibility

Minimum Class X with working knowledge of computer (Essential).

8) ELECTRICAL MAINTENANCE LAB  
**COURSE CO-ORDINATOR :- Shri P Srinivasa Rao, Voc. Instructor**

Course Code	Course Title	No. of Weeks	From	To
EM-1	AC / DC MOTOR	01	01-04-19	05-04-19
			29-04-19	03-05-19
			03-06-19	07-06-19
			24-06-19	28-06-19
			15-07-19	19-07-19
			05-08-19	09-08-19
			09-09-19	13-09-19
			14-10-19	18-10-19
			04-11-19	08-11-19
			25-11-19	29-11-19
			16-12-19	20-12-19
			27-01-20	31-01-20
			17-02-20	21-02-20
			09-03-20	13-03-20
EM-2	INDUSTRIAL MAINTENANCE AND ELECTRICAL SAFETY	01	08-04-19	12-04-19
			06-05-19	10-05-19
			10-06-19	14-06-19
			01-07-19	05-07-19
			22-07-19	26-07-19
			19-08-19	23-08-19
			16-09-19	20-09-19
			21-10-19	25-10-19
			11-11-19	15-11-19
			02-12-19	06-12-19
			06-01-20	10-01-20
			03-02-20	07-02-20
			24-02-20	28-02-20
			16-03-20	20-03-20
EM-3	ELECTRICAL PREVENTIVE MAINTENANCE	01	22-04-19	26-04-19
			13-05-19	17-05-19
			17-06-19	21-06-19
			08-07-19	12-07-19
			29-07-19	02-08-19
			26-08-19	30-08-19
			23-09-19	27-09-19
			28-10-19	01-11-19
			18-11-19	22-11-19
			09-12-19	13-12-19
			20-01-20	24-01-20
			10-02-20	14-02-20
			02-03-20	06-03-20
			23-03-20	27-03-20

Eligibility Criteria: NTC/ NAC of NCVT Electrical /Wireman trade with experience or Diploma /Degree in Electrical

## 9) ADVANCED WELDING LAB

**COURSE CO-ORDINATOR :- Shri. Ch. SUBBA RAO, Dy. Director**

Course Code	Course Name	Duration (weeks)	From	To
AW-01	SMAW – 4G	01	01/04/2019	05/04/2019
			17/06/2019	21/06/2019
			26/08/2019	30/08/2019
			21/10/2019	25/10/2019
			02/12/2019	06/12/2019
			03/02/2020	07/02/2020
			23/03/2020	27/03/2020
AW-02	Pipe Welding - 6G	01	22/04/2019	26/04/2019
			24/06/2019	28/06/2019
			19/08/2019	23/08/2019
			14/10/2019	18/10/2019
			18/11/2019	22/11/2019
			20/01/2020	24/01/2020
			16/03/2020	20/03/2020
AW-03	GMAW/CO2 Welding	01	08/04/2019	12/04/2019
			06/05/2019	10/05/2019
			20/05/2019	24/05/2019
			03/06/2019	07/06/2019
			01/07/2019	05/07/2019
			15/07/2019	19/07/2019
			05/08/2019	09/08/2019
			03/09/2019	06/09/2019
			16/09/2019	20/09/2019
			28/10/2019	01/11/2019
			11/11/2019	15/11/2019
			25/11/2019	29/11/2019
			16/12/2019	20/12/2019
			06/01/2020	10/01/2020
			27/01/2020	31/01/2020
			10/02/2020	14/02/2020
24/02/2020	28/02/2020			
02/03/2020	06/03/2020			
AW-04	TIG Welding (SS & Al.)	01	13/05/2019	17/05/2019
			27/05/2019	31/05/2019
			10/06/2019	14/06/2019
			08/07/2019	12/07/2019
			22/07/2019	26/07/2019
			09/09/2019	13/09/2019
			04/11/2019	08/11/2019
			09/12/2019	13/12/2019
			17/02/2020	21/02/2020
09/03/2020	13/03/2020			

Eligibility Criteria: NTC/ NAC of NCVT Welder /Fitter with experience or Diploma /Degree in Mechanical /Production /Automobile Engineering.

10) INDUCTION TO ENGINEERING TECHNOLOGY AND MANAGEMENT  
**COURSE CO-ORDINATOR :- Shri.VIDYANAND , Dy. Director**

Course Code	Course Name	Duration (weeks)	From	To
IETM-01	Awareness course on TQM & ISO 9001-15	01 Week	01-Apr-19	05-Apr-19
			06-May-19	10-May-19
			08-Jul-19	12-Jul-19
			05-Aug-19	09-Aug-19
			16-Sep-19	20-Sep-19
			04-Nov-19	08-Nov-19
			06-Jan-20	10-Jan-20
IETM-02	Reading of Engineering Drawing	02 Weeks	16-Mar-20	20-Mar-20
			08-Apr-19	18-Apr-19
			22-Apr-19	03-May-19
			07-Oct-19	18-Oct-19
			09-Dec-19	20-Dec-19
IETM-03	Quality control circles	01 week	10-Feb-20	21-Feb-20
			27-May-19	31-May-19
			22-Jul-19	26-Jul-19
			23-Sep-19	27-Sep-19
IETM-04	Supervisory Development Programme	01 week	25-Nov-19	29-Nov-19
			20-Jan-20	24-Jan-20
			03-Jun-19	07-Jun-19
			29-Jul-19	02-Aug-19
			26-Aug-19	30-Aug-19
			03-Sep-19	06-Sep-19
IETM-05	Awareness course on Lean Manufacturing	01 week	30-Sep-19	04-Oct-19
			03-Dec-19	06-Dec-19
			27-Jan-20	31-Jan-20
			24-Jun-19	28-Jun-19
			11-Nov-19	15-Nov-19
IETM-06	Total Productive Maintenance	01 Week	18-Nov-19	22-Nov-19
			01-Jul-19	05-Jul-19
			02-Mar-20	06-Mar-20
			09-Mar-20	13-Mar-20
			20-May-19	24-May-19
			10-Jun-19	14-Jun-19
			19-Aug-19	23-Aug-19
			09-Sep-19	13-Sep-19
			21-Oct-19	25-Oct-19
			30-Dec-19	03-Jan-20
			23-Mar-20	27-Mar-20

Eligibility Criteria: NTC/ NAC of NCVT or Diploma/Degree in Mechanical engineering or sponsored candidate in the relevant field.

**COURSE CO-ORDINATOR :- Shri. P Vijaya Krishna, Asst. Director**

Course Code	Course Title	No. of Weeks	From	To
MEI-01	Metrology and Engineering Inspection	1	01-04-2019	05-04-2019
			06-05-2019	10-05-2019
			01-07-2019	05-07-2019
			05-08-2019	09-08-2019
			23-09-2019	27-09-2019
			21-10-2019	25-10-2019
			25-11-2019	29-11-2019
			30-12-2019	03-01-2020
			03-02-2020	07-02-2020
			09-03-2020	13-03-2020
MEI-02	Application of Co-ordinate Measuring Machine using CNC-CMM	1	08-04-2019	12-04-2019
			13-05-2019	17-05-2019
			22-07-2019	26-07-2019
			14-10-2019	18-10-2019
			18-11-2019	22-11-2019
			06-01-2020	10-01-2020
			10-02-2020	14-02-2020
			16-03-2020	20-03-2020
MEI-03	Quality Control and Engineering Inspection	1	15-04-2019	18-04-2019
			03-06-2019	07-06-2019
			13-08-2019	16-08-2019
			09-09-2019	13-09-2019
			07-10-2019	11-10-2019
			11-11-2019	15-11-2019
			23-12-2019	27-12-2019
			13-01-2020	17-01-2020
			24-02-2020	28-02-2020
			23-03-2020	27-03-2020
MEI-04	Geometrical Measurements	1	27-05-2019	31-05-2019
			24-06-2019	28-06-2019
			29-07-2019	02-08-2019
			03-09-2019	06-09-2019
			04-11-2019	08-11-2019
			16-12-2019	20-12-2019
			02-03-2020	06-03-2020
MEI-05	Limits and Fits in Engineering	1	29-04-2019	03-05-2019
			17-06-2019	21-06-2019
			08-07-2019	12-07-2019
			19-08-2019	23-08-2019
			30-09-2019	04-10-2019
			02-12-2019	06-12-2019
			27-01-2020	31-01-2020

Eligibility Criteria: NTC/ NAC of NCVT with relevant experience or Diploma /Degree in Mechanical/Production/Instrumentation Engg. /Mechatronics / Electrical.

## 12) MACHINE TOOL MAINTENANCE LAB

**COURSE CO-ORDINATOR :- Shri B. Bhanu , Trg. Officer**

Course Code	Course Name	Duration (weeks)	From	To
MTM - 01	Machine Tool Maintenance	01	01-04-2019	05-04-2019
			13-05-2019	17-05-2019
			03-06-2019	07-06-2019
			08-07-2019	12-07-2019
			05-08-2019	09-08-2019
			30-09-2019	04-10-2019
			11-11-2019	15-11-2019
			06-01-2020	10-01-2020
			10-02-2020	14-02-2020
MTM - 02	Preventive Maintenance Of Machine Tools	01	08-04-2019	12-04-2019
			20-05-2019	24-05-2019
			10-06-2019	14-06-2019
			15-07-2019	19-07-2019
			09-09-2019	13-09-2019
			07-10-2019	11-10-2019
			18-11-2019	22-11-2019
			13-01-2020	17-01-2020
			17-02-2020	21-02-2020
MTM - 03	Bearings and Lubrication	01	15-04-2019	19-04-2019
			27-05-2019	31-05-2019
			01-07-2019	05-07-2019
			19-08-2019	23-08-2019
			14-10-2019	18-10-2019
			25-11-2019	29-11-2019
			16-12-2019	20-12-2019
			03-02-2020	07-02-2020
			09-03-2020	13-03-2020
MTM - 04	Mechanical Maintenance of Plants & Machinery	01	06-05-2019	10-05-2019
			17-06-2019	21-06-2019
			22-07-2019	26-07-2019
			16-09-2019	20-09-2019
			04-11-2019	08-11-2019
			02-12-2019	06-12-2019
			20-01-2020	24-01-2020
			24-02-2020	28-02-2020
MTM - 05	Repair & Maintenance of Compressors	01	22-04-2019	26-04-2019
			24-06-2019	28-06-2019
			26-08-2019	30-08-2019
			23-09-2019	27-09-2019
			21-10-2019	25-10-2019
			09-12-2019	13-12-2019
			27-01-2020	31-01-2020
			02-03-2020	06-03-2020
			16-03-2020	20-03-2020

Eligibility Criteria: NTC/ NAC of NCVT in the relevant trade with experience or Diploma/Degree in Mechanical/Production/Instrumentation Engg./ Mechatronics.

## 13) AUTOMOBILE

**COURSE CO-ORDINATOR :- Shri. MJ Vijaya Raju, TO**

Code No.	Name of the Course	Duration	From	To
AUTO-01	Basics of Automotive Vehicles	01 Week	01-Apr-19	05-Apr-19
			20-May-19	24-May-19
			10-Jun-19	14-Jun-19
			08-Jul-19	12-Jul-19
			26-Aug-19	30-Aug-19
			16-Sep-19	20-Sep-19
			14-Oct-19	18-Oct-19
			11-Nov-19	15-Nov-19
			16-Dec-19	20-Dec-19
			20-Jan-20	24-Jan-20
			10-Feb-20	14-Feb-20
09-Mar-20	13-Mar-20			
AUTO-02	Basics of Auto Electrical and Electronics system	01 Week	08-Apr-19	12-Apr-19
			27-May-19	31-May-19
			15-Jul-19	19-Jul-19
			03-Sep-19	06-Sep-19
			21-Oct-19	25-Oct-19
			09-Dec-19	13-Dec-19
			27-Jan-20	31-Jan-20
16-Mar-20	20-Mar-20			
AUTO-03	Diagnosis of Automotive vehicle	01 Week	15-Apr-19	18-Apr-19
			03-Jun-19	07-Jun-19
			22-Jul-19	26-Jul-19
			09-Sep-19	13-Sep-19
			28-Oct-19	01-Nov-19
			02-Dec-19	06-Dec-19
03-Feb-20	07-Feb-20			
AUTO-04	Advanced Automotive Vehicles	01 Week	22-Apr-19	26-Apr-19
			29-Jul-19	02-Aug-19
			04-Nov-19	08-Nov-19
			30-Dec-19	03-Jan-20
AUTO-05	Maintenance & Testing of Brake, suspension and steering with test lane	01 week	18-Nov-19	22-Nov-19
			29-Apr-19	03-May-19
			17-Jun-19	21-Jun-19
			23-Sep-19	27-Sep-19
AUTO-06	Maintenance & Testing of wheel using 3D wheel alignment and Balancing power Transmission	01 week	06-May-19	10-May-19
			13-Aug-19	16-Aug-19
			06-Jan-20	10-Jan-20
			24-Feb-20	28-Feb-20

Eligibility Criteria: NTC/ NAC of NCVT in Mechanical trade with relevant experience or Diploma/ Degree in Mechanical /Automobile Engineering



## **INFRASTRUCTURE**

### I) WORKSHOP FACILITIES

In order to cater to the training need of industries / organizations, this institute is equipped with very good infrastructure. Being situated at Vidyanagar, Hyderabad, the campus has a serene atmosphere to facilitate learning. The various labs / workshops of this institute are equipped with modern and state-of-the-art machineries/equipment/ instruments to cope up with increasing industrial needs.

Audio visual aids and modern teaching aids are installed in labs.

### II) LIBRARY FACILITIES

The institute encompass a library, comprised with NIMI books of various trades for craftsmen and instructors, technical books for reference and is subscribed to various journals, periodicals, magazines & Newspapers. Constant updation of technical books is maintained.

### III) HOSTEL FACILITIES “MANJEERA HOSTEL”

Hostel is available for male trainees only with moderate infrastructure . Executive room with attached toilet and room with common toilet of dormitory type are available. Mess facility is available in the hostel.

### IV) MEDICAL FACILITIES

A well experienced Medical officer with attached dispensary is also available

### V) FACULTIES OF THIS INSTITUTE

The well qualified and well experienced faculty trained in India and abroad are strength of this institute.

## **TRAINING ACHIEVEMENT**



## **FEE STRUCTURE**

### i) FOR LONG TERM COURSES [ CITS]

1	Registration fee	Rs. 50/- for General candidates No fee for SC/ST candidates
2	Admission fee	Rs. 100/- for General candidates Rs.25/- for SC/ST candidates
3	Gymkhana fee	For General candidates 100/- for courses of duration more than three months Rs.50/- for courses of three months or lesser duration No. fee for SC/ST candidates
4	Tuition fee	Rs.150/- per month for General candidates Rs.50/- per month for SC/ST candidates
5	Examination fee	For general candidates Rs.100/- for the 1 <sup>st</sup> attempt & Rs. 200/- for 2 <sup>nd</sup> & subsequent attempts For SC/ST candidates Rs.25/- for the 1 <sup>st</sup> attempt & Rs.50/- for 2 <sup>nd</sup> second & subsequent attempts
6	Issue of Duplicate certificate	Rs.100/- for General candidates Rs.50/- for SC/ST candidates

### ii) FOR SHORT TERM COURSES

Sl. No.	Description	AVTS	Tailor made course
1	Candidates sponsored from medium and large scale industries in both public and private undertakings	Rs.2000 /- per week per trainee	Rs. 4000 /- per week per trainee
2.	Govt. Departments such as Railways, Defence etc.	Rs. 1250/- per week per trainee	Rs.2500/- per week per trainee
2	Sponsored by Educational institutes like polytechnics, Engineering colleges and other related Technical institutions etc.	Rs.1000/- per week per trainee	Rs.2000/- per week per trainee
3.	Govt. sponsored SSI & Private candidates	Rs. 1000/- per week per trainee	--
4.	Application /Registration (For all above courses )	Rs. 100/-	
5.	Gymkhana Fee	Rs. 10/- (For regular course) Rs.15/- (for Tailor made course) per course per trainee	

**MODE OF PAYMENT** :- Course fee has to be paid in advance or at a time of admission either in cash or demand draft /cheque drawn in favour of **DRAWING & DISBURSING OFFICER, ATI, Hyderabad** of any nationalized bank payable at Hyderabad.

### III) HOSTEL

For Executive Room	-	Rs.100/- per day/per trainee
Hostel Service charge	-	Rs.10/- per stay /per trainee
For Long term courses	-	Rs.100/ month

Note:- Above fees may subject to change as per directions of the Government.

## **OTHER INFORMATION**

1. Application form in the proforma as given in the website duly filled in should reach the Director well in advance
2. Organizational sponsorship is preferred. Batch size should be minimum 10, less than min will not be entrained.
4. In case the date of commencement of any course happens to be a holiday, the course will start on the next day.
5. Nominees/participants should report for joining any programme / course only on receipt of confirmation from NSTI, Vidyanagar. Confirmation may be obtained over fax. /E-mail
6. Director can alter or cancel any course(s) without assigning any reason.

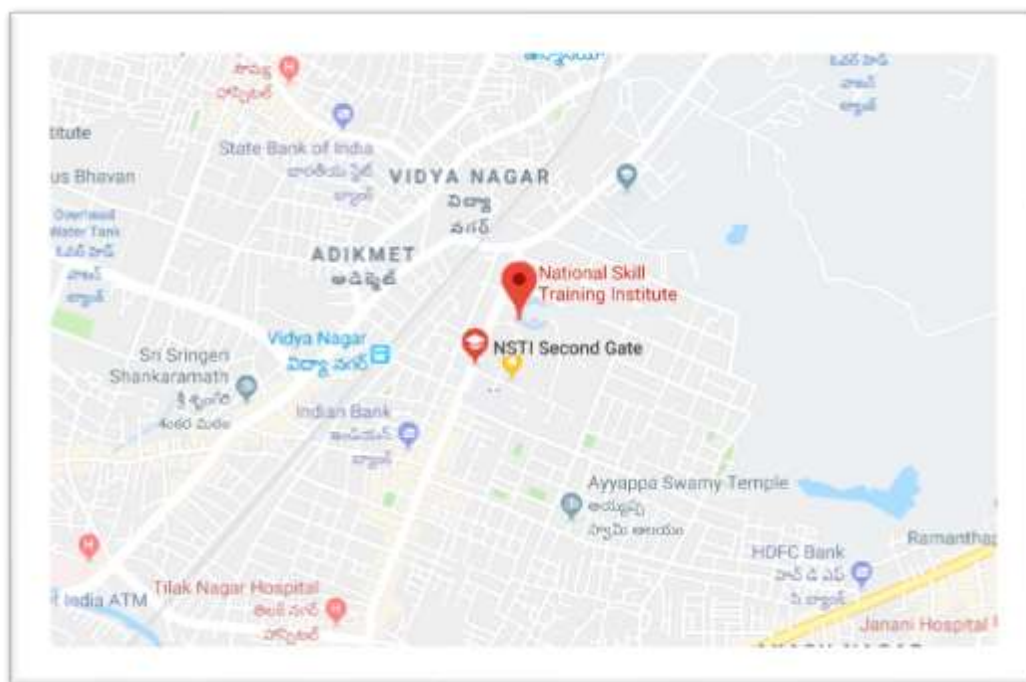
## **LOCATION**

**NSTI, Hyderabad** is located opposite Shivam temple at Vidyanagar in Hyderabad and is close to Osmania University and Vidyanagar railway station. The Institute is approx 30 Km from Rajiv Gandhi International airport, 10 Kms from Hyderabad railway station, 9 Kms from Secunderabad railway station and 3 KMs from Kachiguda railway station.

From Secunderabad railway station, the nearest bus stop is Shivam temple and the Bus Nos. are 107, 107J, 107T, 107V/R & 3 SS

From Hyderabad railway station the nearest bus stop is NCC and Bus Nos. are 136, 136S

The nearest stop for local (MMTS) railway service is Vidyanagar.



Co-ordinate : 17.4027213 N, 78.5147857 E

## **FOR FURTHER DETAILS CONTACT**

The Director  
National Skill Training Institute  
Shivam Road, Vidyanagar  
HYDERABAD-500 007  
Telangana State,India  
Ph Nos : 91-040-2742 8058, 91-040-2742 7049  
Fax No.: 91-040-2742 8606  
E-mail : [atihyderabad@nic.in](mailto:atihyderabad@nic.in)  
Website: [atihyderabad.ap.nic.in](http://atihyderabad.ap.nic.in)