



ITEC Terms & Conditions

General Conditions

- Participants are required to obtain from the Indian Mission the contact telephone/mobile numbers of the Course Coordinator and the Institute. They must familiarize themselves with the weather conditions and the type of clothes to be carried to India
 - Participants are required to conduct themselves with discipline and abide by rules, regulations and guidelines as stipulated by both the nominating Government and the Government of India
 - Participants are required to complete the training Course. Request for change of Course midway would not be entertained.
 - Participants are required to abide by the rules of the university/institution/establishment in which the participant is selected to undergo the training as well as participate in all Course-related activities including submission of periodic assessments/tests as conducted by the Institute.
-
- Participants are to refrain from engaging in any political activity and/or any form of employment for profit or gain.
-
- Participants are not allowed to bring along their spouses or families for the duration of the Course. No such request would be entertained by Government of India.
 - Participants are required to return to their countries upon completion of the training Course.
 - Participants who leave the Course midway without prior intimation/permission of the Ministry of External Affairs or remain absent from the Course without sufficient reasons are liable to refund the cost of training and airfare to Government of India.
 - Participants are taken on study tour(s) as part of their Course Curriculum to visit different heritage sites/places of interest in India. No requests for any additional private tourism, etc. will be entertained during the Course.
 - ITEC sponsorship may be cancelled at any time due to unsatisfactory conduct, breach of conditions of the Programme, failure to make satisfactory progress in the training Course or for other sufficient reasons as determined by the Government of India.
 - Female participants are advised to abstain from joining training Courses if they are pregnant prior to their departure for India.
-



Indian Technical & Economic Cooperation Programme

Ministry of External Affairs, Government of India

ITEC Terms and Conditions

- Air Fare

The Government of India provides excursion/economy class air tickets for travel of participants from the capital city of the participants' country to the training Institute in India and back.

- Visa

Prior to departure for training in India, participants are advised to apply for Visa to the Embassy/High Commission of India, accredited or concurrently accredited to their country. Visa is issued gratis to them. Visa issued for the Course cannot be utilized for some other purpose.

- Course Fees

Course fees are borne by the Government of India.

- Accommodation

Accommodation is provided by Government of India in hostel/hotel, depending on the Institute and the charges are borne by the Government of India. In case, the Institute provides hostel accommodation, it is both on single or double occupancy basis depending on the rules of the Institute. Participants are advised to check about the status of hostel on the Institute website. Accommodation, if arranged in a hotel, is on a single-occupancy basis.

- Participants are required to pay for availing services such as:

a. Room service, b. Laundry, c. Local and outstation telephone calls, fax, etc.

- Living Allowance

Government of India pays (through the Institute concerned) living allowance of Indian Rupees 25,000/- per month, calculated on the basis of arrival and departure dates, for meeting expenditure on food, out-of-pocket expenses, etc.

- Book Allowance

Government of India provides book allowance of Indian Rupees 5,000/- for purchase of Course-related books and other items of stationery. For claiming reimbursement, participants are required to submit vouchers.

- Study Tour

Participants are taken on study tours to acquaint/familiarize themselves with aspect of history and culture of India as well as to institutions/industries symbolizing modern India as part of their Course Curriculum. Government of India bears cost of approved study tours during the Course.



Indian Technical & Economic Cooperation Programme

Ministry of External Affairs, Government of India

- Medical Facility

Participants selected for training Courses are expected to be medically fit. Medical facility is for ailments of immediate and emergency nature occurring in India. No medical reimbursement allowed for ailments of regular/chronic nature. Participants must carry their own medicines for chronic ailments like diabetes, hypertension, etc. and have to bear the expenditure for medicines and consultation of doctors on their own.



Indian Technical & Economic Cooperation Programme

Ministry of External Affairs, Government of India

How to Apply

- Applicants can apply for ITEC training program by filling up the **online application form** and take a print out of filled form. This form is to be submitted to the Direction General of Technical and Scientific Cooperation, AMEXCID.
 - DGCTC-AMEXCID is, in turn, required to forward the applications to the Embassy/High Commission of India, accredited/concurrently accredited to the nominating country along with undertaking by candidate and certification from employer (Part-II of Application Form).
 - Candidates may later check the status of their application by logging-in at www.itecgoi.in. The credentials for log-in may be noted while filling up the form.
-

Who can apply

- Officials in Government, Public and Private Sectors, Universities, Chambers of Commerce and Industry, etc.
 - Candidates should possess five years of work experience.
-

Eligibility criteria for admission to Courses

- Academic qualifications as laid down by the Institute for the Course concerned.
 - Working knowledge of English required to follow the Course.
 - Age between 25 to 45 years.
 - Medically fit to undertake the training.
-

General Information

- Applications should reach the Embassy/High Commission of India preferably 3 months before the commencement of the Course.
 - Upon selection, the Embassy/High Commission of India will inform DGCTC-AMEXCID and the candidate.
 - Selected candidates are required to familiarize themselves fully with the living conditions in India and about the Institute through the Institute's website.
 - Decision regarding acceptance of applications/nominations rests solely with the Ministry of External Affairs, Government of India.
-

For any further information/clarification, applicants are requested to contact:

Lorena García Nava

Dirección General de Cooperación
Técnica y Científica, AMEXCID
Tel. (55) 3686-5350
Correo: cgarcian@sre.gob.mx;
asia.ctc@gmail.com

Efraín del Angel Ramírez

Dirección General de Cooperación
Técnica y Científica, AMEXCID
Tel. (55) 3686-5345
Correo: edelangel@sre.gob.mx

INDIVIDUAL COURSE DETAILS

A. Name / Title of the Course	ADVANCED CERTIFICATE COURSE ON “SKILL DEVELOPMENT FOR TVET TRAINERS AND PLANNERS”
B. Name of the Institute	NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH TARAMANI, CHENNAI – 600 113
C. Course Dates with Duration in weeks <i>[note: dates may be fixed keeping in mind festivals, holidays, weather conditions, availability of accommodations, etc. No request for change in dates, once approved / circulated will be entertained.]</i>	September 16 – 27, 2019 - 2 Weeks
D. Eligibility Criteria for participants 1. Educational Qualifications 2. Work Experience required, if any 3. Age Limit [note: ITEC norms is 25-45 years] 4. Target Group <i>[Level of participants and target ministries / departments etc. may be indicated]</i>	Applicants for this course must have a degree or diploma in engineering / technology or in any vocational field 25-45 years Administrators /Trainers/ Planners/ Engineers / Polytechnic and Engineering College Teachers and in any discipline
E. Aims & Objectives of the Course	<ul style="list-style-type: none"> • Develop industry inclined TVET Curriculum for Technical Education(Electronics) • SetupAutomation lab using PLC and SCADA • Develop graphical environment and Virtual Instruments for industries using LabVIEW • Plan for solar and wind energy to develop green environment Industries • Design Economically home automation using Arduino and Raspberrypi with MEMS • Plan remote monitoring system for Industries • Develop health monitoring system for agricultural sector using various sensors

F. COURSE CONTENTS / Syllabus
[please attach course details / profile in word Format for uploading on ITEC website

I Scope of the Programme:

Electronic Circuits and Systems have applications in a wide range of products including audio and video entertainment, home appliances, medical instruments, automobile and Industrial applications. The human resource requirements include installation, servicing and maintenance personnel. TVET has an important role to play in technology diffusion through transfer of knowledge and skills. Rapid technological progress has had and continues to have significant implications for TVET. Understanding and anticipating changes has become crucial for designing responsive TVET systems and, more broadly, effective skills policies. The TVET institutions provide the needed human resource to meet these requirements. The trainers and planners of TVET programmes in electronics need practical skills and theoretical knowledge in modern electronic system. This program aims at providing these skills for TVET personnel. The Industrial Automation like PLC and SCADA, Sensors, LabVIEW Programming, different boards like Arduino and Raspberry pi form the basis of today's electronic system. With this background, this programme is designed with the following objectives.

II Objectives of the Programme:

- Develop industry inclined TVET Curriculum for Technical Education (Electronics)
- Setup Automation lab using PLC and SCADA
- Develop graphical environment and Virtual Instruments for industries using LabVIEW
- Plan for solar and wind energy to develop green environment Industries
- Design Economically home automation using Arduino and Raspberry pi with MEMS
- Plan remote monitoring system for

	<p>Industries</p> <ul style="list-style-type: none">• Develop health monitoring system for agricultural sector using various sensors <p>III Eligibility Criteria /Participants:</p> <p>Educational Qualifications:</p> <p>Applicants for this course must have a degree or diploma in engineering / technology or in any vocational field</p> <p>Age Limit:</p> <p>25-45 years</p> <p>Target Group:</p> <p>Administrators /Trainers/ Planners/ Engineers / Polytechnic and Engineering College Teachers and in any discipline</p> <p>The participants should have good knowledge in reading, writing and spoken English.</p> <p>The instructions will be in English.</p> <p>IV Curriculum of the Programme:</p> <ul style="list-style-type: none">• Industry inclined TVET Curriculum for Technical Education(Electronics)• Automation using PLC and SCADA• Graphical environment and Virtual Instruments for industries using LabVIEW• solar and wind energy systems• Arduino and Raspberry pi with MEMS• Concepts of home automation• Principles of remote monitoring system for Industries• Strategy for health monitoring system in agricultural sector
--	--

	<p>V INSTRUCTIONAL STRATEGIES:</p> <p>Lecture - Discussions - Demonstrations - Assignments - Seminar - Video lessons - Field visits.</p> <p>VI INDUSTRIAL VISITS PLANNED</p> <ul style="list-style-type: none"> • Orchid Chemicals & Pharmaceuticals Ltd Chennai • Fortran Cirkits,Chennai • Vi Microsystems Pvt Ltd Chennai • National Institute of Wind Energy,Chennai <p>CERTIFICATE</p> <p>At the end of the programme, candidates will be awarded Certificateon “Skill Development in Electronics for TVET Trainers and Planners”.</p> <p>OUTCOME:</p> <p>The participants will gain the knowledge and skills in latest technologies to meet the challenges of TVET.</p>
<p>G. Mode of evaluation of performance of the participants</p>	<p>The performance of the participants will be regularly assessed through Assignments, Practical sessions, group activities and project work</p>