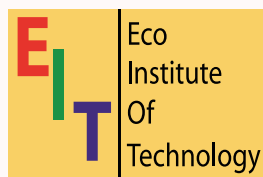




Transforming  
the  
skill landscape



bright future

# Eco Institute of Technology (EIT)

A sister concern of ESDO

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## **Background:**

Being a social development organization ESDO has been utilizing this opportunity and established “Eco Institute of Technology (EIT) in 2015 with a noble purpose to address the unemployment issue by providing demand based professional training to the youth. And thus, EIT is making a critical contribution in achieving country’s development agenda and Sustainable Development Goals of United Nations by reducing unemployment. EIT acts as an umbrella institute and conducts different career skill trainings under different donors and affiliated authorities and associations of different industries/sectors.

EIT works as an umbrella institute, under which different types of career skill development courses are conducted. These courses are funded by different donors and affiliated authorities and associations of different industry sectors (we call “project”). The training courses have been developed and organized in most cases specific to individual project (donors and affiliated bodies). According to signed agreement with different donors and affiliated authorities and associations, EIT organized a separate management structure and dedicated team including trainers to implement the projects i.e., the training courses. However, there is a top management structure consist of a General Governing Body, a Chairman and a Vice-Chairman provide strategic directions to EIT, and a principal oversee day-to-day implementation i.e progress of training and other related activities for individual projects. Thus, a two ways accountability (reporting to donors and reporting to top management) established to ensure quality delivery of courses and other associated activities.

### **Goal:**

All youth, particularly rural youth are adequately empowered with career skills and have a decent employment. We expect after having a career-based skills training all the trainees will be either self-employed or get a decent job.

### **Objectives:**

Broader objective is to develop skilled workforce through skills training and thereafter placing them in self and wage employment which will in turn improve their livelihood sustainably.

### **Specific objectives:**

- i) To assess skill demand of current job and business markets and develop market responsive training course curriculum and practical facilities.
- ii) To select unemployed youth, with a special focus on girls, ethnic minorities, and disabled and build their professional capacity through need-based career skill trainings.
- iii) To develop a strong Institute-Industry network to create greater access to employment for the EIT trained youths through linking them to the job opportunities
- iv) To support EIT trained youths to be self employed by setting their own business and placing them in different jobs.

### **Establishment: 2015**

## Legal Status

Eco Institute of Technology (EIT) is well affiliated and recognized by all concern and competent authority of Government of Bangladesh.

- EIT affiliated with National Skills Development Authority (NSDA), Prime Minister's Office: Registration No: STP-THA-000101
- EIT affiliated with Bangladesh Technical Education Board (BTEB)  
Registration No: 12121
- Eco Institute of Technology (EIT), Thakurgaon, (BTEB-RTO)  
Registration No: 12221
- Teesta Technical Center for Human Development (TTCHD), Lamonirhat, (BTEB-RTO)  
Registration No: 15117
- Arani Technical Institute of Skill Development (AEISD), Rangpur, (BTEB-RTO)  
Registration No: 16221
- Eco Center for Skill Development (ECSD), Sadar, Jamalpur, (BTEB-RTO)  
Registration No: 55240

## Development Partners

- 1) Palli Karma-Sahayak Foundation (PKSF)
- 2) HEKS-EPER
- 3) Stromme Foundation-Norway
- 4) Swiss Contact
- 5) Directorate of Primary Education-GOB
- 6) Local Government Engineering Department (LGED)-GOB
- 7) Skills Employment Improvement Programme(SEIP)-Ministry of Finance-GoB
- 8) Bangladesh Garment Manufacturers and Exporters Association (BGMEA)
- 9) Association of Export Oriented Ship Building (AEOSIB) Industries
- 10) Association of Construction Industry (BACI)
- 11) Real Estate & Housing Association of Bangladesh (REHAB)
- 12) International Fund for Agricultural Development (IFAD)

## Award/ Recognition

- i. Awarded by Skills for Employment Investment Program (SEIP) Finance Division, Ministry of Finance, and Government of Bangladesh as Good Performance Award to Eco-Social Development Organization (ESDO) under The Industry Association of AEOSIB 2019.
- ii. Awarded by Mahatma Award Committee, India & Liveweek LLC-USA as MAHATMA AWARDS for Social Good-2019.

## On going Trades



**Auto Mechanics**



**Electrical Installation  
& Maintenance**



**Sewing Machine  
Operation**



**Refrigeration &  
Air Conditioning**



**Mobile Phone  
Servicing**



**Electrical & Navigation  
Equipment Installation**



**Consumer  
Electronics**



**Computer Operation,  
IT Support  
Service & Graphics Design**



**Welding &  
Fabrication**



**Masonry,  
Rod Binding & Tiles  
& Marble Fittings**



**Plumbing**

## Information of Institutions and ongoing Trades:

Name of The Training Center	Name of the Trade	Capacity of Accommodation	training module: Y/N)
Eco Institute of Technology (EIT), Thakurgaon	1. Tiles & Marble Fittings 2. Masonry 3. Computer operation 4. Sewing Machine Operation 5. Electrical Installation & Maintenance 6. Refrigeration and Air conditioning, 7. Plumbing, 8. Welding 09. Consumer electronics 10. IT Support service 11. Graphics Design 12. Out sourcing/ Free Lancing. 13. Woven Machine Operation. 14. Electrical and navigation equipment installation 15. Knit machine operation	640	Y
Eco Center for Skills Development (ECSD), Jamalpur Sadar, Jamalpur	1. Sewing Machine Operation 2. Electrical Installation & Maintenance 3. Masonry	200	Y
Eco Center for Skills Development (ECSD), Dewanganj, Jamalpur	1. Sewing Machine Operation 2. Electrical Installation & Maintenance	40	Y
Aroni Eco Center for Skills Development (AECSD), Rangpur	1. Electrical Installation & Maintenance 2. Mobile Phone Servicing 3. Sewing Machine Operation 4. Tiles and marble fittings 5. Computer Operation	120	Y
Teesta Technical Center for Human Development (TTCHD), Lamonirhat	1. Tiles & Marble Fittings 2. Plumbing 3. Steel Binding 4. Sewing Machine Operation 5. Electrical Installation & Maintenance 6. Auto Mechanics	150	Y
Jamuna Eco Center for Skills Development, (JECSD), Gaibandha	1. Electrical Installation & Maintenance 2. Plumbing 3. Sewing Machine Operation	100	Y
Dhorla Eco center for vocational training (DECVT), Kurigram	1. Sewing Machine Operation 2. Electrical Installation & Maintenance 3. Masonry	60	Y

## Training facilities (trainees)

- 100% Accommodation arrangement
- Available Equipment for all Trades
- Healthy Food Management for all Trainees in all institutions.
- Recreations (Sports and cultural) arrangement for all institutions.
- Eco-friendly environment
- Assist for Job Placement.

## Institution wise Trainees Graduations Information:

Name of The Training Center	Trainees Graduation information
Eco Institute of Technology (EIT), Thakurgaon	Total 3788 Trainees already have been graduated through this institutions.
Teesta Technical Center for Human Development (TTCHD), Lamoirhat	Total 1500 Trainees already have been graduated through this institutions.
Aroni Eco Center for Skills Development (AECSD), Rangpur	Total 631 Trainees already have been graduated through this institutions.
Jamuna Eco Center for Skills Development (JECSD) Gaibandha.	Total 574 Trainees already have been graduated through this institutions.
Dhorla Eco center for vocational training (DECVT), Kurigram	Total 359 Trainees already have been graduated through these institutions.
Eco Center for Skill Development (ECSD), Jamalpur Sadar, Jamalpur	Total 475 Trainees already have been graduated through these institutions.
Eco Center for Skills Development (ECSD), Dewanganj, Jamalpur	Total 200 Trainees already have been graduated through this institutions.

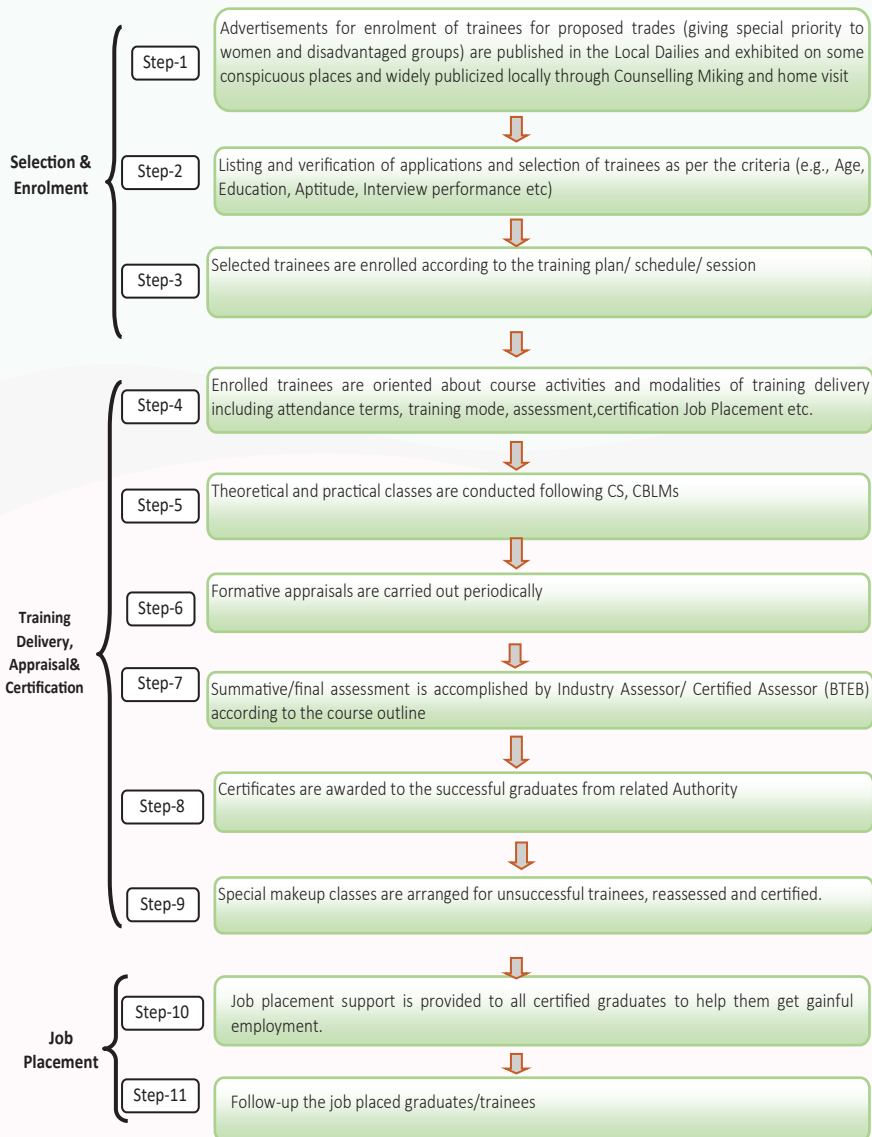


## On-Going Projects and Courses under EIT

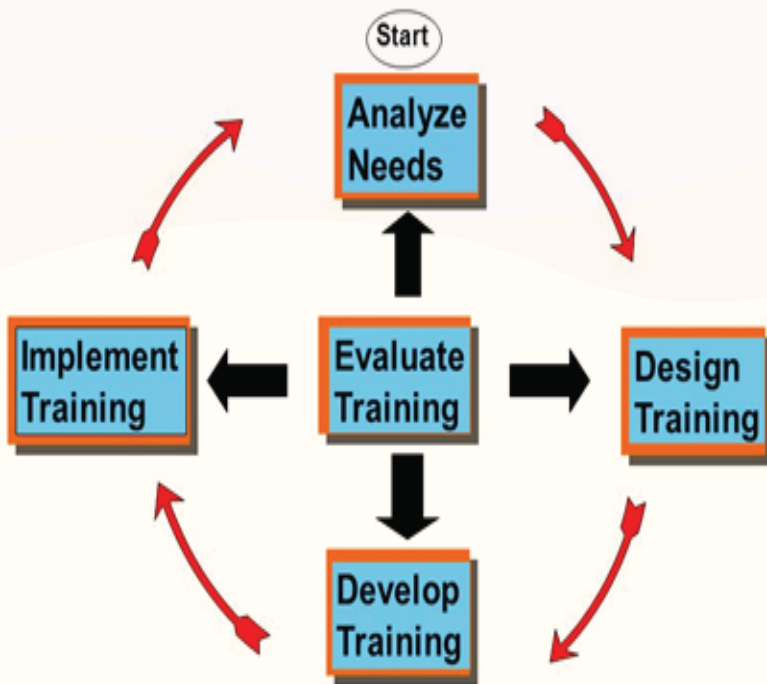
There are 8 ongoing projects under the EIT umbrella. Among those 5 are under with Skills for Employment Investment Program (SEIP) funded by Finance Ministry of Bangladesh/ Asian Development Bank (ADB), 1 is self-funded under BTEB and another funded by PKSf-ENRICH project. Around 30 different on-going skill development courses are run by EIT. The courses under SEIP are affiliated and supported by 5 associations:PKSF, BACI, BGMEA, AEOSIB and REHAB. EIT is also running LGED/IFAD supported residential Training ESDO-PROVATI<sup>3</sup> in 6 districts. Brief of the ongoing projects and project specific training courses are provided below:

Donor and Authorization	Affiliation	Courses Title	Duration (Months)	Mode of Training
Finance Ministry/ ADB	SEIP-PKSf	IT Support Service; Graphics Design, Web Design ICT Outsourcing, Auto Mechanics Electrical Installation & Maintenance, Welding	3 Month	Residential
	SEIP-BACI	Masonry Plumbing Steel Binding & Fabrication Electrical Installation & Maintenance	3 Month	Non-Residential
	SEIP-BGMEA	Knit Machine Operation Woven Machine Operation	3 Month	Non-Residential
	SEIP-AEOSIB	Welding & Fabrication Electrical & Navigation	3 Month	Non-Residential
	SEIP-REHAB	Masonry Plumbing Steel Binding & Fabrication Electrical Installation & Maintenance	3 Month	Non-Residential
PKSF	PKSF-ENRICH	MIS & ICT for Microfinance	3 Month	Residential
LGED/IFAD	ESDO-PROVATI <sup>3</sup>	Computer Operation Masonry Tiles & Marble Works Rod Binding Plumbing Electrical Installation & Maintenance Sewing Machine Operation Mobile Phone Servicing Refrigeration & Air-conditioning	45 Days	Residential
Trainees own finance	BTEB	Computer Office Application Graphics & Multimedia Hardware & Networking General Electrician Fashion Garments	6 Month	Non-Residential

## Activities Flow Chart



# Training Cycle



## **DELIVERABLE IN TRAINING CYCLE**

**Need  
Assessment**

**Job  
Placement**

**Evaluate  
Each Step**

**Design Curriculum  
and Ensure  
materials& lab**

**Deliver  
Training**

## Training Delivery Process

- Trainer Selection
- Trainee Selection
- Curriculum development
- Setup Mobile training centers
- Equipment Arrangement:
- Course delivery
- Post Course assessment
- Monitoring
- Internships/apprenticeships
- Certification
- Job Placement

## Methodology:

For each activity ESDO will follow time fitting methodology for the better delivery of the activities.

- a. **Trainer Selection:** ESDO has a training section and skilled trainer group with long experience in the organization to organize the course on trade base trainings. ESDO use them for conducting the training over the project period. If required to hire any guest trainers from outside ESDO will higher trainer from reputed polytechnic institutes and Industries.
- b. **Trainee Selection:** In line with organizational goal, objectives and values, ESDO give emphasis to train the youth from poor and extreme poor households. In maximum case through a baseline survey project participant were selected as per criteria develop by the project. Rather project people selected the trainees of different trade as per project need and criteria and feasibility of the beneficiaries.

The trainees are selected through an established plausible protocol. The process is outlined below.

i) In order to draw attention of mass unemployed youths, ESDO-EIT take a massive advertisement program for each and every course using different means such as Advertisement in Newspaper, leaflet distribution, banner display, milking etc.

**Trainees Selection criteria**

- Candidates must have formal education between 5-12 classes
- Candidates must have willingness to work in related sector after completion of the training
- Female, ethnic minority, disabled and youth from poor and ultra-poor families are given priority

ii) EIT has a strong trainee selection and trade matching unit. Members of this unit make door to door survey to identify the unemployed youth, assess their needs and desire to do training in specific sector.

iii) Interested trainees apply for the course they are interested in.

iv) A selection board interview the listed unemployed youths and discuss his/her area of interest and potential.

v) Taking into account the interest and potential of individual candidate and other selection criteria (provided in the Box) the selection board prepare a list qualified candidates for different courses.

vi) Finally top 25-30 candidates are enrolled per batch and rest of qualified candidate are placed in waiting list and are enrolled in the next batch.

## Course delivery:

After all, the setup we start to deliver the course according to fixed time schedule. For conducting training, ESDO treat 6 days in a week as training days. For a total training around 80% is allocated for practical session and learning visit and 20% time for theoretical aspects. After training, internship is offered based on course requirement and fund availability.

## Training calendar:

Based on course curriculum, module and training schedule, ESDO usually develops training calendar for training venues. In the training calendar, week specific segregation is made. Name of training batches, duration, participants are stated in the calendar.

## Course assessment Process

In the mid level of the course there will be an assessment for the clustering the trainees. After every course completion, there will be an assessment for the trainee finally. In addition, following assessment process ensure regular basis:

- IT based Class quiz
- Class Test
- Project work
- Weekly written examination
- Weekly oral examination
- Monthly Formative assessment (Written, Demonstration, Oral)
- Assignment
- Home work
- Inter house ICT camp
- Innovative activities
- Final assessment by BTEB/Industry Assessor

## **Certification:**

After completion of every course, we will provide certificate with the sanctions of BTEB. After the completion of the training, post assessment/evaluation is taken and ESDO provides certificate mentioning the training course name, duration, training venue and performance of trainee and provided certificate. Major contents of the training are delineated in the opposite side of the certificates. Beside this in case of trainees from Donor project ESDO provided certificate signed by respective donors.

## **Job Placement:**

- EIT has a strong job placement unit and employer's network.
- Job placement unit regularly do career counseling with the trainees of EIT, understand their desire for self-employment or wage employment.
- Give proper guidelines to the trainees for self-employment and also provide loan to the interested trainees for entrepreneurship development.
- The unit work to build a bridge between the skill trainees and the employers.
- There is an employer's Committee to advice regarding job placement procedure.
- Till now EIT job placement is above 80%
- EIT Job placement unit take regular follow-up of the trainees after the placement and take necessary actions to reduce the dropout.



## Training & Job placement information of ESDO-SEIP Project at EIT: up to July 2022

S.L	Trade Name	Enrolment	Certification	Job placement	Job placement %
01	IT Support Service	250	250	199	80%
02	Web Design	50	50	38	76%
03	Graphics Design	151	150	102	68%
04	Outsourcing (ICT)	50	50	30	60%
05	Electrical & Electronics Work	100	100	76	76%
06	Welding & Fabrication	480	444	337	75%
07	Consumer Electronics	50	25	17	68%
08	Knit Machine Operation	479	474	395	83%
09	Woven Machine Operation	90	90	65	72%
10	Electrical & Navigation Equipment Installation	300	260	211	81%
11	Masonry	425	370	300	81%
12	Steel Binding & Fabrication	450	393	334	85%
13	Plumbing	350	297	238	80%
14	Electrical Installation & Maintenance	500	424	356	83%
<b>Total</b>		<b>3725</b>	<b>3377</b>	<b>2698</b>	<b>80%</b>

**Training & Job placement information of ESDO-PROVATI<sup>3</sup> Project at EIT: up to July 2022**

S.L	Trade Name	Enrolment	Certification	Job placement	Job placement %
01	Electrical Installation & Maintenance	1405	1286	774	60
02	Industrial Sewing/SMO	1157	1054	660	63
03	Tiles and Marble Fittings	366	303	121	40
04	Masonry	141	104	70	67
05	Computer Operation	253	214	81	38
06	Plumbing	327	298	164	55
07	Mobile Phone Servicing	91	83	38	46
08	Refrigeration and Air Conditioning	222	183	93	51
09	Steel Binding & Fabrication	143	134	65	49
<b>Sub Total</b>		<b>4105</b>	<b>3659</b>	<b>2066</b>	<b>56%</b>



## Photo Gallery of Institutions



**Eco Institute of Technology (EIT), Thakurgaon**



**Aroni Eco Center for Skills Development (AECSD), Rangpur**



**Jamuna Eco Center for Skills Development (JECSD), Gaibandha**



**Teesta Technical Center for Human Development (TTCHD), Lalmonirhat**





**Dhorla Eco Center for Vocational Training (DECVT), Kurigram**



**Eco Center for Skill Development (ECSD), Jamalpur**

## Photo Gallery-Vocational Lab



**Refrigeration & Air Conditioning Lab**



**ICT Lab**



**Electrical Installation & Maintenance Lab**



**Sewing Machine Operation Lab**





**Masonry Lab**



**Plumbing Lab**





**Rod Binding Lab**



**Mobile Phone Servicing Lab**



**Welding & Fabrication Lab**



**Tiles & Marble Fitting Lab**

## Some most Successfull Jobplacement



**Name:** Md. Ekhlash Uddin  
**Designation:** Admin Assistant  
**Company Name & Address:** Plan International Bangladesh,  
Cox's Bazar  
**Salary:** 55000/-



**Name:** Tonima Nasrin Chowdhury  
**Designation:** Territory Associate  
**Company Name & Address:** Nestlé Bangladesh Limited,  
Issordi, Pabna  
**Salary:** 50000/-



**Name:** Md. Babul Rana  
**Designation:** MPO  
**Company Name & Address:** Square Pharmaceuticals  
Limited, Brahmanbaria.  
**Salary:** 40000/-



**Name:** Mst. Ismutara Jesmin  
**Designation:** CEA  
**Company Name & Address:** Ministry of Animal  
Resources, Ranisankail, Thakurgaon  
**Salary:** 18000



**Name:** Soniya Khatun  
**Designation:** Computer Operator  
**Company Name & Address:** Directorate of Health  
Engineering, Gabtoli, Bogura  
**Salary:** 18000

## Some most Successfull Jobplacement



**Name:** Agostim Murmu  
**Designation:** Welder  
**Company Name & Address:** SKP3, Malaysia  
**Salary:** 90000/-



**Name:** Md. Rayhan Hafiz  
**Designation:** Supervisor (Welding)  
**Company Name & Address:** Mamuni Materials and  
Constructions, Gazipur Sadar  
**Salary:** 50000/-



**Name:** Md. Omor Faruk  
**Designation:** Welder  
**Company Name & Address:** Sonargaon Ship Builders Ltd.  
Narayangonj  
**Salary:** 27000/-



**Name:** Md. Robin Hasda  
**Designation:** Welder  
**Company Name & Address:** Karnafuly Ship Builders Ltd.  
Dhaka.  
**Salary:** 22000/-



**Name:** Md. Adam Ali  
**Designation:** Line Associate  
**Company Name & Address:** Bangladesh Honda Pvt. Ltd.  
Gozaria, Munshegonj.  
**Salary:** 19568/-

## Some most Successfull Jobplacement



**Name:** Md. Rokunuzzaman  
**Designation:** House Electrician  
**Company Name & Address:** Keraniganj, Aganagar, Dhaka  
**Salary:** 16000/-



**Name:** Mst. Laky Akter  
**Designation:** Sewing Machine Operator  
**Company Name & Address:** Eco-Fab Limited, Bypass Road, Gazipur Dhaka  
**Salary:** 15000/-



**Name:** Md. Jahid Hossain  
**Designation:** Rod Binder  
**Company Name & Address:** Shofiq Construction, Malibag, Hatirjeel Dhaka  
**Salary:** 18000/-



**Name:** Mst. Sobita Begum  
**Designation:** Sewing Machine Operation  
**Company Name & Address:** Standard Group Ltd. Gazipur, Dhaka  
**Salary:** 14000/-



**Name:** Sree Bitdut Roy Kisor  
**Designation:** Rod Binder  
**Company Name & Address:** Self, Hatibandha Upazila, Lalmonirhat  
**Salary:** 16000/-
















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 भारत सरकार  
 स्वास्थ्य और कुटुम्ब कल्याण विभाग  
 (एन.ए.ए.ए.ए.ए.)



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১. <b>কোম্পানীর নাম</b>	২. <b>কোম্পানীর পরিচালক</b>	৩. <b>কোম্পানীর ঠিকানা</b>
৪. <b>কোম্পানীর ঠিকানা</b>	৫. <b>কোম্পানীর পরিচালক</b>	৬. <b>কোম্পানীর ঠিকানা</b>
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**Coordinator,**  
**Evo Centre for Skills Development (ECSD), Bangalore**  
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**संयोजक**  
**एवो सेंटर फॉर स्किल्स डेवलपमेंट (ECSD), बंगलूर**  
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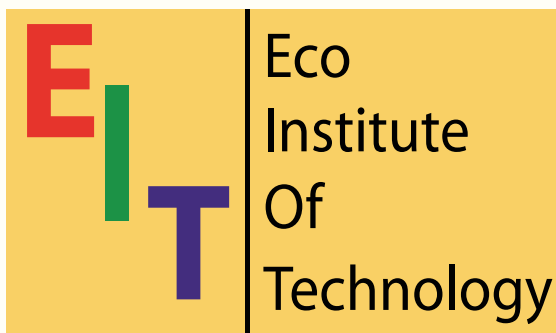
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bright future

## Eco Institute of Technology (EIT)

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