



Managed by **IndianOil**



# MEGA MODEL

Multi-Skilling Institute  
of International  
Standards

Under  
The aegis of



**Ministry of Petroleum & Natural Gas**  
Government of India

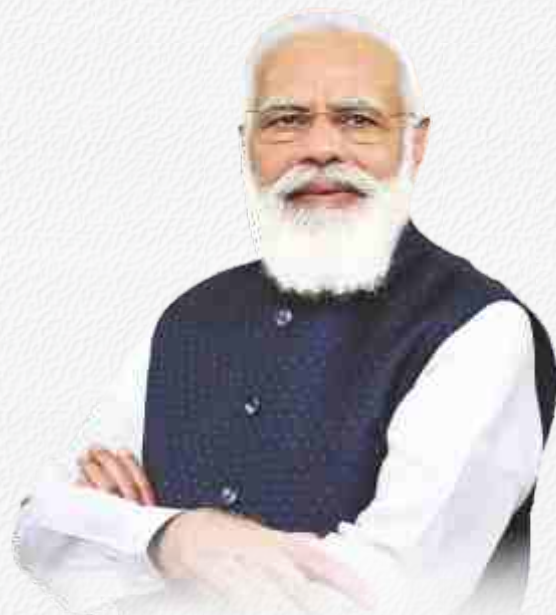
Managed by



Collaboration







“ The more we give  
importance to **skill development**,  
the more competent will be our youth ”

**Narendra Modi**  
Prime Minister





# Introduction



**Skill Development Institute, Bhubaneswar (SDI-B)** is a not-for-profit philanthropic initiative of Oil PSUs under the aegis of Ministry of Petroleum and Natural Gas, Govt of India, being managed by Indian Oil Corporation Ltd. The foundation stone of the main campus was laid by Hon'ble President of India in 2018 and the completed campus was dedicated to the nation in August 2021. Since then, SDI-B has been in operation as a mega model skill academy of international standards. At SDI-B, focus is on imparting finishing school training to qualified but unemployed youth to make them job ready. ***"Skilling youth, Enhancing Livelihoods"*** is SDI-B's motto.







# Vision

- A Centre for **best skilling practices and innovations**
- **Industry aligned** courses of international standards
- Outcome oriented – **100%** placement / entrepreneurship
- Skilling **50,000** youths in the next few years
- Developing **skill champions**





2015

Concept Development  
Stage for setting up Skill  
Development Institute in  
Odisha by Oil & Gas PSUs.

19<sup>th</sup> October – SDI-B Society  
Registered



9<sup>th</sup> May - Pilot  
Campus Inaugurated

30<sup>th</sup> June - 1st Batch  
commenced

2016

2017

9<sup>th</sup> May - National Skill  
Conclave organised on  
the 1<sup>st</sup> foundation day.  
22<sup>nd</sup> December - 46.172  
acres land handed over  
to SDI-B.



18<sup>th</sup> March - Foundation  
Stone laid by the  
President of India for SDI-B  
Main Campus at Jatni.



2018



**2019**

24<sup>th</sup> February - SDI-B  
Main Campus with  
basic facilities  
inaugurated



**2022**

16<sup>th</sup> April - MoU Exchange  
with NSDC for establishing  
Skill India International  
Center, National Academy  
for Skilling Teachers and  
National Academy for  
WorldSkills at SDI-B.



20<sup>th</sup> August - Skill  
Development Institute,  
Bhubaneswar  
Dedicated to the  
Nation.



14<sup>th</sup> March 2024 -  
Virtual Inauguration of  
Two Centres of Excellence  
(CoE) at SDI Bhubaneswar

**2021**

**2024**



# Facilities

Smart and Green Campus

Fully Residential - Separate Hostel for 700 Boys & 300 Girls

Smart Classrooms

Library

Recreation Centre with Cafeteria

Student Activity Centre, OAT

Indoor/Outdoor Sports Facilities & Gym

ATM

Variety Shop

Faculty Block

Guest House

Auditorium

Sports Complex







# Auditorium

**SDI-B** has a state-of-art multi-purpose Auditorium of 1200 seating capacity for Academic/Industry Conclaves, Seminars and other Big Events etc.

The auditorium has an elaborate audio visual system, big screen with stage & green rooms. Additional facilities such as exhibition hall, a separate conference hall of 100 seating capacity, cafeteria and large dining space, also available.

Conference (100 capacity), service room, exhibition area, cafeteria at kitchen pantry spread over approx 28000 sqft in ground floor.

---

**Book our Auditorium for your Next Event**

---





# Guest House

SDI-B has a Guest House with 36 rooms including two Presidential Suites. Other 34 rooms of various types like Suite, Super Deluxe, Deluxe and Executive, available for booking of Guests from Corporate Houses for organizing Seminar / Meet / Summit / Conference at Guest House Conference Hall.

Guest House has its own Conference Hall for around 40 persons, equipped with advanced Digital/Sound/Projector facility.

The contemporary, classy and subtle feel and décor of the Guest House, with Barunei hills view in the backdrop, makes it an ideal choice for stay, meetings and other official engagements.

**Book our Guest House facility for your next Event.**





# Features

**Professionally run Multi-Skilling Institute** – Imparting advanced skill training for Indian and global needs, supported by Industry

---

Support for **placement**

---

**Smart Campus**, equipped with latest IT infrastructure that include **campus-wide Wi-Fi**, **smart classrooms**, MS teams based collaborative learning, Cisco Webex solution for conferences

---

**Centres of Excellence** (CoEs) in partnership with leading Industry Players

---

Futuristic skills: **Industry 4.0 and Immersive Technologies**

---

**Holistic learning experience** for students with greater focus on hands-on practical training





# Industry Aligned Advanced Skill Development Courses:



**Schneider**  
Electric

## Building Automation Specialist

**Minimum Qualification:** B.Tech/Diploma- (Instrumentation/ EEE / Electrical/ Mechatronics/ Electronics)

**Duration:** 5 months

System design, Wiring, Integration, Testing, Installation & Maintenance of Automation Systems in Buildings involving FAS, ACS & CCTV Systems, KNX Programming.

## Industrial Automation Specialist

**Minimum Qualification:** B.Tech- (Electrical/ EEE/ ECE/ Mechatronics/ Instrumentation),

MSc.- Electronics, M.Tech - Electrical/ EEE/ Electronics

**Duration:** 5 months

Designing, Assembling, Testing & Installation and Commissioning of Automation Systems, Control Panels, Programmable Logic Controllers (PLCs), Supervisory Control and Data Acquisition (SCADA), Communication and Software.

## Solar PV Installer

**Minimum Qualification:** Diploma/ITI- (Electronics/Solar/ Electrician/ Wireman)

**Duration:** 3 months

Installation, Testing and Commissioning of different Electrical Components of SPV Systems, that meet the performance and reliability needs of customers while complying with all applicable codes, Standards and safety requirements.

## Advance Diploma in Automation (SCADA & PLC programmer)

**Minimum Qualification:** Diploma- (Electrical/ EEE/ ECE Mechatronics, Instrumentation)

**Duration:** 3 months

Controlling various industrial processes involving development, Testing and Commissioning the PLC Programs, Developing HMI / SCADA Software used for monitoring various parameters of Industrial Processes, and finding & fixing the errors or faults during plant operation.



**SIEMENS**

## Designer - Mechanical

**Minimum Qualification:** B.Tech/Diploma (Mech/Automobile or Eqv.)

**Duration:** 3 months

Design Brief, Planning Design Activities, Creating & evaluating Design Options, Creating Detailed Design using 2D and 3D Software, Design Validations, CAM Programming.

## CNC Programmer

**Minimum Qualification:** Diploma/ITI/B.Tech(Mechanical or Eqv)

**Duration:** 3 months

CNC Machine and Control, CNC Lathe and Milling Programming, Programming Commercial Computer Numerical Control.

## IOT Automation with Python

**Min. Qualification:** B.Tech/B.E - (CSE/IT/EIE/EEE/ECE), MCA

**Duration:** 3 months

Designing, Developing and Maintaining software applications and services to enhance IoT device functionality, Testing software solutions and Identifying Performance issues in IoT devices and systems using Python Language.

## CAD/CAE Design & Analysis

**Minimum Qualification:** B.E/B.Tech.-(Mechanical/ Prod./ Automobile)

**Duration:** 3 months

Simulates Software environment testing with actual testing of vehicles and aggregates in an internal laboratory environment to ensure fulfilment of performance parameters for the final product, NX, Thermal and NVH Testing.

## Industrial Control & Automation

**Minimum Qualification:** Diploma-(Electrical/Electronics/ Instrumentation), B.Sc.- Electronics

**Duration:** 3 months

DCS Programmer & Trouble-shooter, Designing, Programming, Testing, Maintaining DCS Systems used in various industries to control & monitor complex industrial processes in real time, Simatic Pcs 7 Basics.

## Robotics & Automation Engineer :

**Minimum Qualification:** Diploma/ITI- (Mechanical/Elect/ECE)

**Duration:** 3 months

Industrial Robot Programming, Robot Anatomy and Programming, Functioning of the Robotic System, Maintenance and repairs, Upgradation and modifications with latest hardware and software in industry.



**HVAC CoE**

## HVAC Technician

**Minimum Qualification:** Diploma/ITI/12th/10th

**Duration:** 3 months

Residential air conditioning and heating Installation and maintenance, Commercial air conditioning and Installation and maintenance, Industrial and commercial refrigeration Installation and maintenance.



**MEDIA &  
ENTERTAINMENT CoE**

## Video & Sound Editor

**Minimum Qualification:** Graduate / 12<sup>th</sup>/ 10<sup>th</sup>

**Duration:** 3 months

Social media content creation, Corporate Video editing, Animation Videos, Sound editing, online streaming Platforms training, Educational Video editor.

## Digital Photographer & Camera Operator

**Minimum Qualification:** ITI/12th/10th

**Duration :** Minimum 3 months

Scientific Photography, Fine art Photography, Medical Photography, Wedding Photography, advertising Photography, Real estate Photography, Fashion Photography, Nature Photography

## Graphic Designer

**Minimum Qualification:** ITI/12th/10th

**Duration :** Minimum 3 months

UI/UX DESIGNER, Branding Specialist, Motion Graphics, Web Designing, Multimedia Art, Social Media Content creation.



# Industry Aligned Basic Skill Development Courses:



## Industrial Welding

**Minimum Qualification:** ITI/12<sup>th</sup>/10<sup>th</sup>

**Duration:** 5 months

Manual and semi-automatic welding (ferrous/non-ferrous), Certain types of welding such as welding in refinery, Aerospace precision welding, Manufacturing welding, Pipeline, Automotive and Construction welding.



## Industrial Electrician

**Minimum Qualification:** ITI/12<sup>th</sup>

**Duration:** 5 months

Installation, Maintenance repair work and electrical wiring of electrical, Electronic equipment in an industrial environment and also demonstrated ability to use electrical and hand tools and electrical drawings and blueprints.



## Fitter Fabrication

**Minimum Qualification:** ITI/12<sup>th</sup>/10<sup>th</sup>

**Duration:** 5 months

Material Science, Mechanical Properties of Metals, Fitting Operations on Metal Components, Positioning and Holding Devices and Mechanism, Welding, MMAW / SMAW, Pipe Welding, Machine Cutting.



## Plumber General

**Minimum Qualification:** ITI/12<sup>th</sup>/10<sup>th</sup>

**Duration:** 3 months

Installation of sewage and drainage systems, Water supply systems, General and advanced sanitary fittings and fixtures in housing, Commercial and institutional setups and maintenance of the plumbing systems and fixtures for housing setups.



## Pipe Fitter (City Gas Distribution)

**Minimum Qualification:** ITI/12<sup>th</sup>/10<sup>th</sup>

**Duration:** 4 months

Installation, Assembling, Fabrication, Maintenance and Repair of piping systems used in oil and gas facilities. This includes Cutting, Bending, Threading and Welding of pipes to specific measurements and specifications.



## CRM Associate (Non-Voice)

**Min. Qualification:** Graduate

(Girl candidates only)

**Duration:** 3 months

MS Word, MS Excel, MS PowerPoint, Basics of MS Access And MS Outlook, Deal Remotely with Customer Queries, Non-Technical Skills.



## CRM Associate (Voice)

**Minimum Qualification:** Graduate

**Duration:** 3 months

MS Word, MS Excel, MS PowerPoint, Basics of MS Access and MS Outlook, Deal Remotely with Customer Queries, Make Outbound Calls to Customer, Non-Technical Skills.



## Technician Instrumentation

**Minimum Qualification:**

Diploma/ITI-Electrical/Instrumentation

**Duration:** 5 months

Fundamentals of Electrical & Electronic Measuring & Control Equipment, Hydraulic, Pneumatic and Mechanical Measuring and Control Equipment, Instrumentation and Control Equipment, Basics of Automation.



## Trainee Chef Bakery

**Minimum Qualification:** 12<sup>th</sup>/10<sup>th</sup>

**Duration:** 3 months

Introduction to Hotel Industry, Food Production, Equipment and Fuels used in Kitchen, Bread Fabrication, Basic Cakes and Sponges, Laminated Pastries, Receiving, Distributing and Storing Supplies.

## Food & Beverage Steward

**Minimum Qualification:** 12<sup>th</sup>/10<sup>th</sup>

**Duration:** 3 months

Introduction to Hotel industry, Food and Beverage Sector, Food Service Equipment. And Styles of Food Service, Order Taking and Billing Methods, Cocktails and Mocktails, Service of Alcoholic Beverage.

## Multi-Cuisine Cook (Commis Chef)

**Minimum Qualification:** 12<sup>th</sup>/10<sup>th</sup>

**Duration:** 3 months

Introduction to hotel industry and food production, Etiquettes, Grooming, Personal hygiene and food safety, Basic Commodities used In cooking, Methods of Cooking, Basic Stocks, Sauces and Soups, Kitchen Communication.



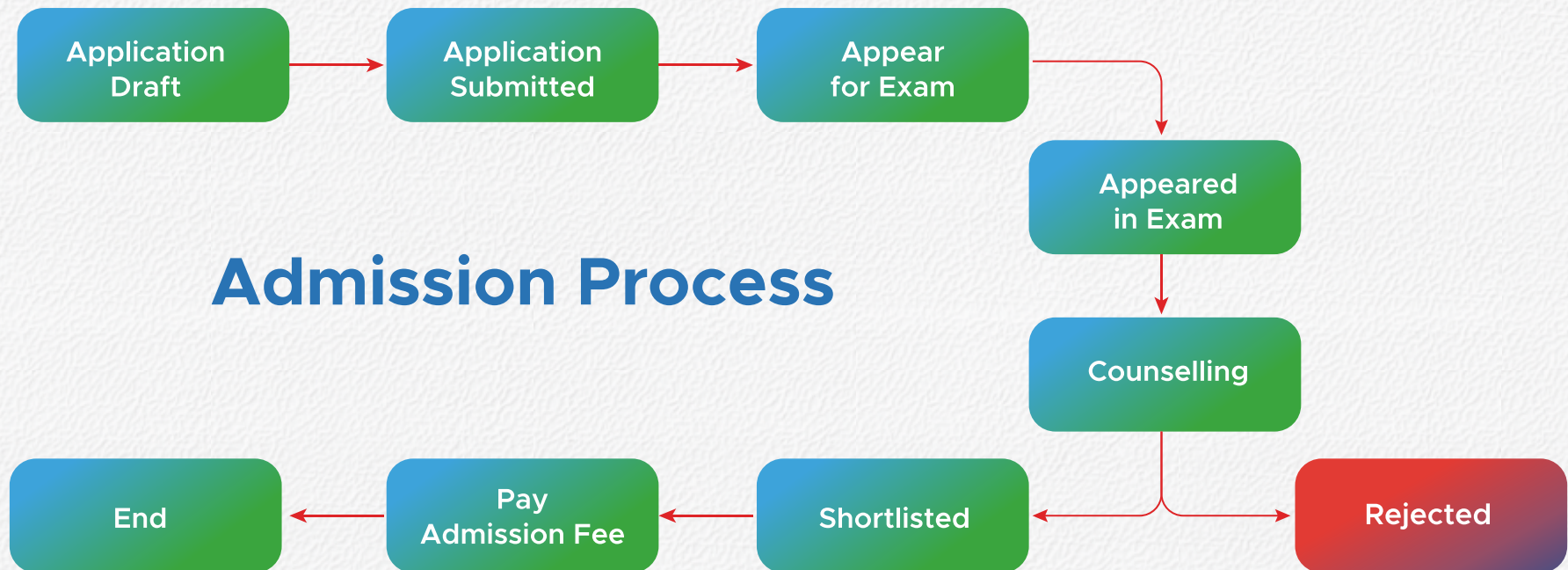
## Business Correspondent / Facilitator

**Qualification:** Graduation (B.Com)

**Duration:** 2 months

Introduction to the Banking Sector and the Job Role of Business Correspondent & Business Facilitator, Source Customers for Banking Services, Assist Customers with Bank Application Process, Perform Regular banking transactions for customers, Perform administrative tasks.





\* At the time of online registration, students are required to pay ₹ 1000.  
The remaining course fee (adjusted against the registration fee) is to be paid upon joining the campus.





# SDI-B Collaboration with Premier Institutions



## MoU with IIT Bhubaneswar

For collaboration in the following areas:-

- Trainers' development
- Student exchange programs
- Upgradation of labs and infrastructure
- Curriculum design for new industry – relevant courses



## MoU with ICT-IOC Bhubaneswar (a prestigious institution in the field of Chemical Technology)

For collaboration in the following areas: -

- Internship, vocational and skill development training
- Laboratory and infrastructure development
- Curriculum design in areas of mutual interest
- Promoting innovation and entrepreneurship



NSDC supported CoEs for Media & Entertainment and HVAC

## State-of-the-Art CoE for Media & Entertainment

The CoE is having best-in-class infrastructure and facilities, enabling them to gain hands-on experience and exposure to industry-standard practices. Our integrated facility boasts of a range of amenities, including:

- Croma Studio with Virtual Production facility
- Music Mastering Studio
- Video Editing Studio
- Sound Recording Studio
- Podcast Studio
- Graphic Design

## State-of-the-Art CoE for HVAC

This state-of-the-art HVAC (Heating, Ventilation and Air Conditioning) lab at **SDI Bhubaneswar** includes Training infrastructure inline with International Job Market as well as World Skills. HVAC simulators are also there. The CoE aims to cater to the growing demand for skilled HVAC workers in the international market.







# Our Recruiters



**>90%**  
Placement  
Offers

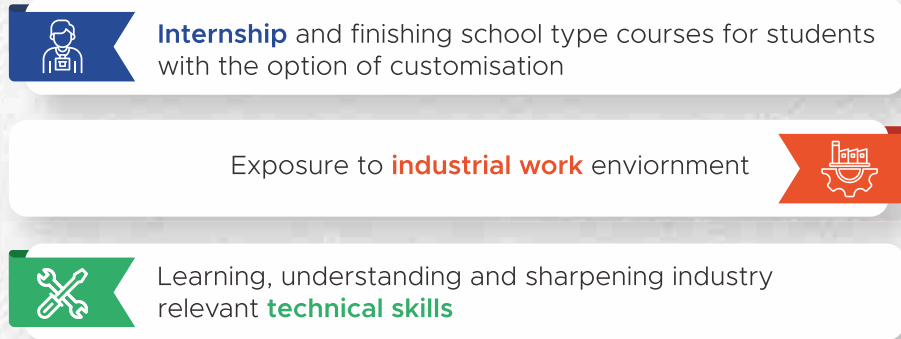
## Recruiters Speak

The candidates from SDI-B are well trained and have a sense of precision to their work which is the most useful for us in our regular assignments.

Disciplined a sense of ownership to work, are of utmost importance to our employees. Recruiting skilled candidates from SDI-B has given us the upper hand in inviting such talent into our space.

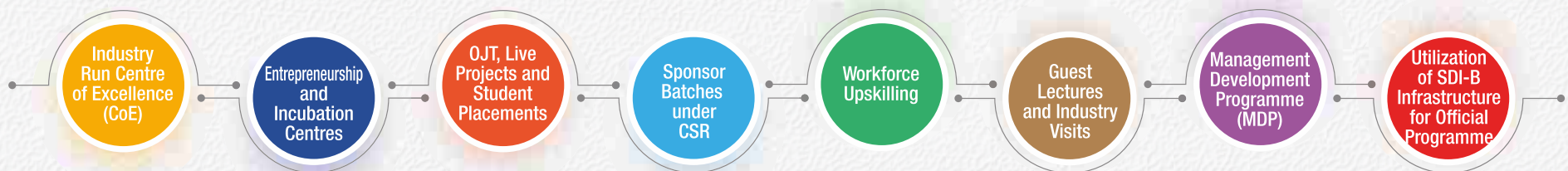


# Potential Opportunities for Institutions



# Potential Opportunities for Industry

The rapid pace of today's changing scenario means that your resources need to be upgraded with latest technology and skill sets. SDI-B's customized Skill Upgradation Training Programs equip workforce with cutting-edge technology / future skills.





## Message from Chairperson



“ As India's first Skill Development Institute in the Oil & Gas Sector, SDI Bhubaneswar is fulfilling the national need of skilling youth and giving wings to their ambitions to build their careers. Leveraging its best-in-class infrastructure and academic facilities, SDI Bhubaneswar is working diligently to empower the youth with not only the skills of today but also prepare them for future of work. ”

Rashmi Govil

## Message from CEO

“ Skill Development Institute (SDI), Bhubaneswar is an outcome-oriented institute, which is deeply committed to its motto of Skilling Youth, Enhancing Livelihoods!

Founded in 2015, the institute is fostering high quality skilling of Indian Youth in a vibrant and plural campus environment. The institute is having state of the art academic infrastructure which is facilitated by a supportive governance and management structure to ensure overall safety of the students within the campus. ”

Ranjan Bhowmick





# *Kaamyabi ki kahani* *Students ki Zubaani*



Managed by **IndianOil**

For more details on partnership, placement and admission contact us:

Skill Development Institute, Bhubaneswar (SDI-B)

At/P.O.-Taraboi, PS-Jatni, Dist-Khordha, Odisha, Pin-752050

Ph. No.: 0674 3520200, 8280109799, Email: [contact@sdib.in](mailto:contact@sdib.in)

Follow us : [skilldevelopmentinstitutebhubaneswar](https://www.facebook.com/skilldevelopmentinstitutebhubaneswar) [sdibhubaneswar](https://twitter.com/sdibhubaneswar) [sdi\\_bhubaneswar](https://www.instagram.com/sdi_bhubaneswar) [sdi-bhubaneswar](https://www.linkedin.com/company/sdi-bhubaneswar)

Website : [www.sdibhubaneswar.co.in](http://www.sdibhubaneswar.co.in)

Promoting Organizations

