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**अखिल भारतीय तकनीकी शिक्षा परिषद्**

(भारत सरकार का एक संवैधानिक निकाय)

(शिक्षा विभाग, भारत सरकार)

नेशनल मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

(A Statutory Body of the Govt. of India)

(Ministry of Education, Govt. of India)

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**F. No. AICTE/P&AP/Circular/2024**

**Date: 05<sup>th</sup> April, 2024**

**CIRCULAR**

To,

All Vice Chancellors of Technical Universities  
Directorates of Technical Education (All States /UTs) and  
All Directors/Principals of AICTE Approved Institutions

**Subject: Skill Courses at Indian Institutes of Skills(IISs), Mumbai and Ahmedabad-reg.**

*Respected Sir/Madam,*

Kindly refer to the attached brochure containing the salient features of the skill courses introduced at IISs.

It is informed that, Ministry of Skill Development & Entrepreneurship (MSDE) is setting up Indian Institutes of Skills (IISs) at Mumbai and Ahmedabad.

The IISs are being set up in Public-Private Partnership (PPP) Mode, with Tata Education and Development Trust (TEDT) as Private Partner. The IISs, in the first phase at Mumbai and Ahmedabad have planned to start new courses from May, 2024. The duration and the eligibility requirements of the courses is mentioned in the attached brochure.

It is desired that all ITIs/Polytechnics /HEIs may disseminate the above said information among all stakeholders particularly students (including graduate/pass outs) by way of display/distributing the attached brochure.

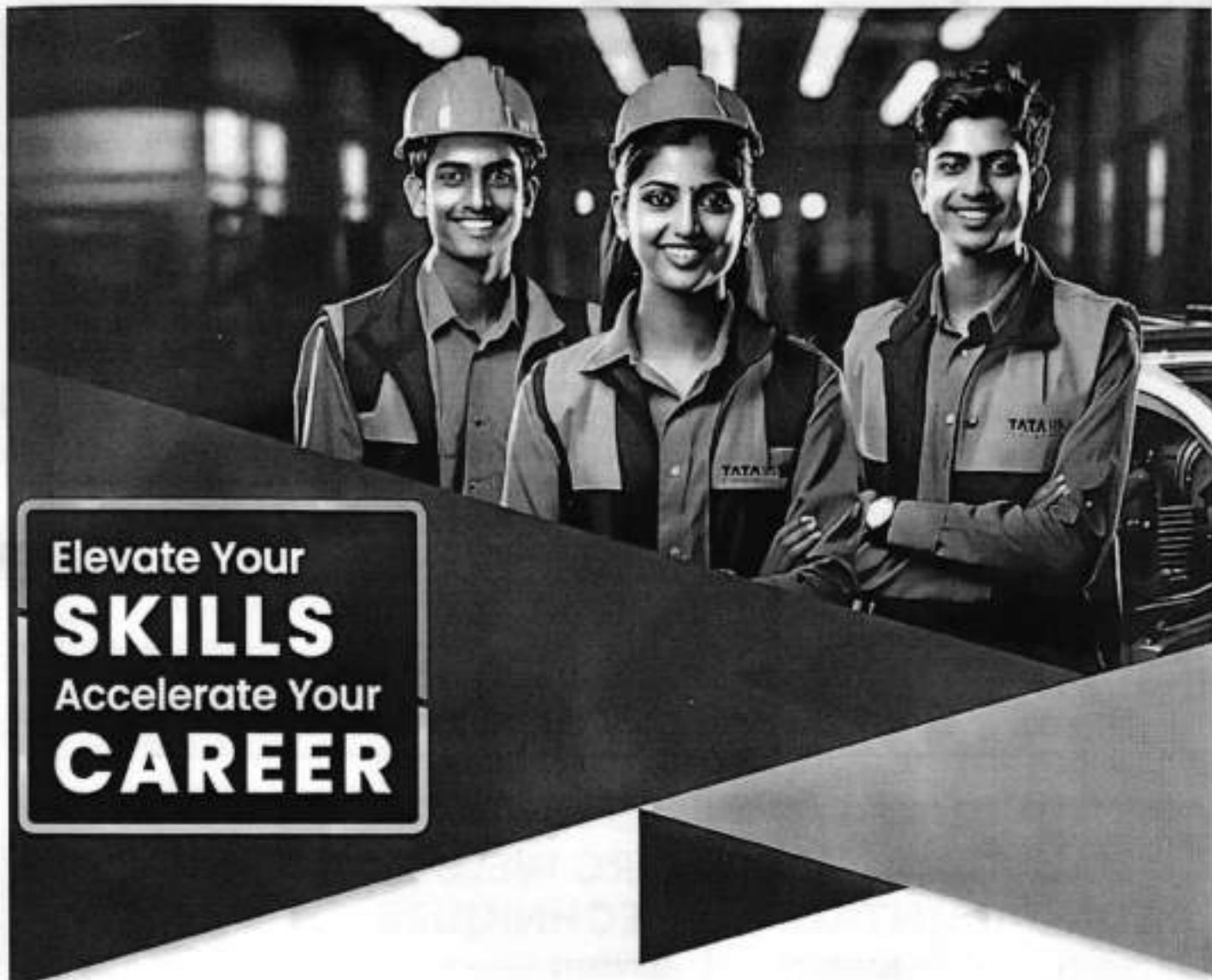
We deeply appreciate your time and engagement.

*With regards,*

Yours sincerely,

*Mamta*  
*05 Apr, 24*

**(Dr. Mamta Rani Agarwal)**



Elevate Your  
**SKILLS**  
Accelerate Your  
**CAREER**

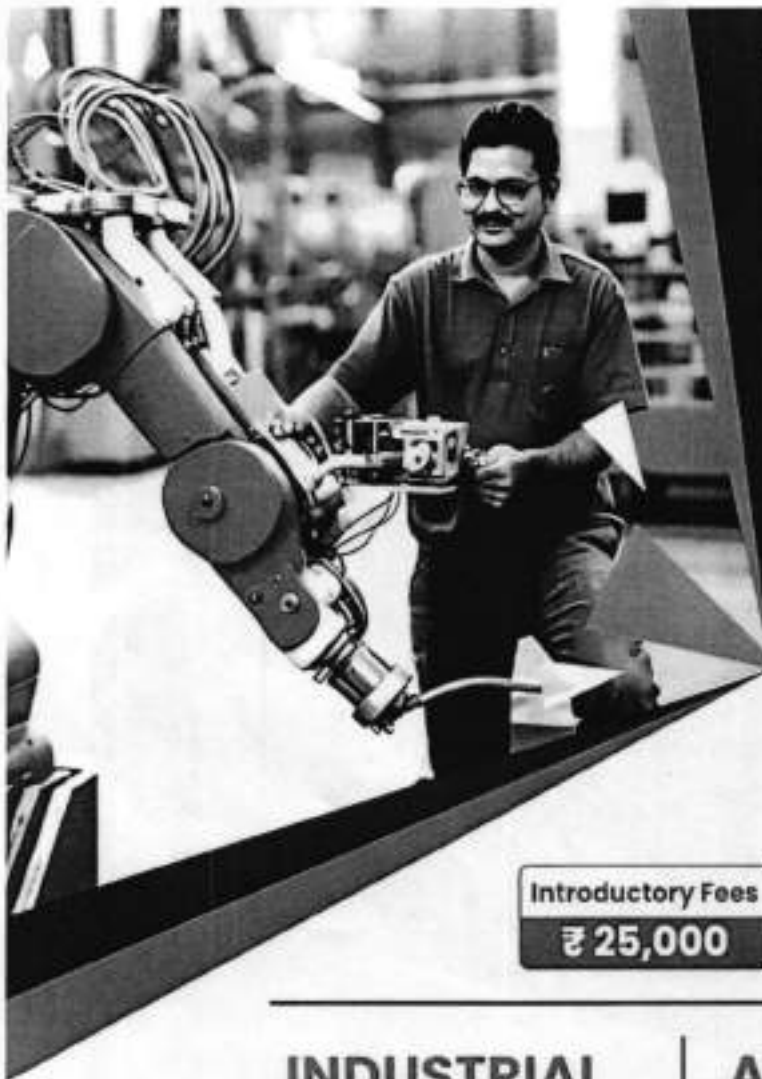
Imagine an India with a powerful, young, and dynamic workforce. An India brimming with possibilities. That is the vision that we, at Tata Group, have always held close to our hearts and worked towards. Especially, through our globally recognised institutions, like the Indian Institute of Science (IISc), Tata Institute of Social Sciences (TISS), and Tata Institute of Fundamental Research (TIFR).

Tata Indian Institute of Skills (Tata IIS) in collaboration with the Ministry of Skill Development and Entrepreneurship (MSDE), the Government of India, and the Government of Gujarat aims to take this legacy further with the setting up of the Indian Institute of Skills Mumbai and Indian Institute of Skills Ahmedabad.

Tata IIS aims to empower India's youth with comprehensive skill development opportunities and a transformative global perspective for their career journey.

With expansive campuses spanning over 4 acres in Mumbai and 20 acres in Ahmedabad, the institutes are built to cater to the most pressing need of the hour: meeting the ever-increasing demand for skilled professionals in India and beyond.

Get ready to witness a shift, as we unlock India's real potential by skilling it for the future.



## ADVANCED INDUSTRIAL AUTOMATION & ROBOTICS

**ELIGIBILITY:** Current final year students and graduates in B.E/B.Tech (All streams)

- » Industrial safety & 5S
- » Energy & environment management
- » Industrial robotics
- » CNC machine and CNC programming
- » Device control, communication protocols & networking
- » Cobots and assembly process automation
- » Modular production system & flexible manufacturing system
- » Automation integrated applications

**Introductory Fees**

**₹ 25,000**

**12 weeks**

~8hrs/day

**100+ hrs**

Theory

**400+ hrs**

Practical

## INDUSTRIAL AUTOMATION FUNDAMENTALS

### ELIGIBILITY

Current final-year students and graduates in Diploma in Engineering

**12 weeks**

~8hrs/day

**100+ hrs**

Theory

**400+ hrs**

Practical

**Introductory Fees**

**₹ 22,000**

- » Industrial safety & 5S
- » Energy & environment management
- » Advanced mechatronics on pneumatics & electro pneumatics
- » Advanced mechatronics on hydraulics & electro hydraulics
- » PLC, SCADA, HMI & communication protocols
- » Electrical switchgear, motor & circuits

## ADVANCED ARC WELDING TECHNIQUES

### ELIGIBILITY

Current final year students and graduates from ITI (Welding Trades)

**10 weeks**

~8hrs/day

**100+ hrs**

Theory

**300+ hrs**

Practical

**Introductory Fees**

**₹ 18,000**

- » Industrial safety & 5S
- » Energy & Environment Management
- » Advanced Arc Welding Process and Techniques
- » Advanced Robotic Welding Techniques
- » Advanced joining applications in automotive and capital goods
- » QA process & inspection



## ADDITIVE MANUFACTURING

### ELIGIBILITY

Current final-year students and graduates in Diploma in Engineering

10 weeks

-8hrs/day

100+ hrs

Theory

300+ hrs

Practical

Introductory Fees

₹ 23,000

- » Industrial safety & 5S
- » Energy & environment management
- » Additive manufacturing materials
- » Design for additive manufacturing
- » Additive manufacturing process, techniques & application
- » Additive manufacturing application in automotive, aerospace, turbine & defense
- » Additive manufacturing application in medical, electrical & electronics, space
- » QA process & inspection

## ELECTRIC VEHICLE BATTERY SPECIALIST

### ELIGIBILITY

Current final year students and graduates in B.E./B.Tech (All streams)

12 weeks

-8hrs/day

100+ hrs

Theory

400+ hrs

Practical

Introductory Fees

₹ 30,000

- » Industrial safety & 5S
- » Energy & environment management
- » Fundamentals of batteries
- » Battery chemistry, architecture & schema
- » Fundamentals of BMS
- » Coulomb counting-SoC estimation
- » IC & MCU selection
- » Cell modelling, sizing calculation & balancing
- » Voltage & current measurement in BMS
- » Temperature measurement in BMS
- » Communication protocols
- » Interfacing between controller and battery
- » Battery packing & cooling technology
- » Testing & troubleshooting

## 2 & 3 WHEELER ELECTRIC VEHICLE TECHNICIAN

### ELIGIBILITY

Current final year and graduates from ITI (All technical trades)

12 weeks

-8hrs/day

100+ hrs

Theory

400+ hrs

Practical

Introductory Fees

₹ 22,000

- » Industrial safety & 5S
- » Energy & environment management
- » Understanding data sheets, OEM manuals, and repair guidelines
- » Customer relations & inventory management
- » Fundamental electrical & electronics
- » Introduction to power electronics
- » EV mechanical architecture
- » Peripheral circuit analysis
- » Powertrains & control mechanisms
- » Fundamentals of battery, Charging fundamentals, solutions
- » Diagnostics & error interpretation



# HOW ARE WE DIFFERENT

- ⊙ Multiskilling & multisectoral approach
- ⊙ Practice on industry equipment
- ⊙ Application-based learning
- ⊙ Focus on 21<sup>st</sup> century skills
- ⊙ Industry visits & projects
- ⊙ Placement assistance
- ⊙ Small batch size

Scan to Register

**Limited Seats**

Maximum of 20 students/batch



## ADMISSION PROCESS



Online  
REGISTRATION



Technical  
ASSESSMENT



Admission  
OFFER

Contact for more details:

# TATA IIS

Tata Indian Institute of Skills



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admissions@tataiis.org



[www.iisahmedabad.org](http://www.iisahmedabad.org)