

## BACHELOR OF VOCATION (B. VOC.) DEGREE IN ADVANCED TECHNOLOGIES

**3 YEARS FULL TIME (UGC RECOGNIZED) BACHELOR DEGREE**  
BY  
**MINISTRY OF SKILL DEVELOPMENT AND ENTERPRENURSHIP (MSDE)**  
**GOVERNMENT OF INDIA**  
IN COLLABORATION WITH  
**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT (CUTM), ODISHA**

### ABOUT THE PROGRAM

B. Voc. program, a skill development based higher degree, has been provisioned to be offered as a part of college/university education with its complete equivalence to any other Bachelor degree as evidenced by the permeable in the notification from UGC, MHRD, GoI, (D.O.No.F.2-7 I20r 4(CC/NVEQF)/Misc. 3 August 2016.

[https://www.ugc.ac.in/pdfnews/7966971\\_UGC-letter-reg-B.Voc.pdf](https://www.ugc.ac.in/pdfnews/7966971_UGC-letter-reg-B.Voc.pdf)

*"Bachelor of Vocation (B.Voc.), a Bachelor level degree specified by UGC under section 22(3) of UGC Act, 1956 and notified in official Gazette of India dated 19th January, 2013 be recognized at par with the other Bachelor level degrees for competitive exams conducted by Union/State Public Service Commission, Staff Selection Commission or other such bodies where the eligibility criteria is "Bachelor Degree in any discipline"*

Directorate General of Training (DGT), MSDE, GOI in collaboration with CUTM, Odisha, NAAC-A grade University and gazette notified as Odisha's only Skills University is offering **PLACEMENT ASSURED** 3 Years (full time) B. Voc. program in **Precision Manufacturing Technology and Automotive Technology**. The curriculum has been designed to ensure the courses to be in line with National Skill Qualification Framework (NSQF) and constitutes a total of 180 credits i.e.; 72 Theory, 108 Practice (48 On Workshop/Lab and 60 On Job Training/Internship).

### ELIGIBILITY CRITERIA

**MINIMUM ELIGIBILITY:** NCVT ITI Pass (In relevant 2 year Trade as per table below) with **+2 or Equivalent** from a Govt. State or Central Board with Mathematics as subject

Specialization	Batch Capacity	Trades
B. Voc. in Precision Manufacturing Technology	40	Fitter, Welder, Turner, Machinist, Draughtsman, Tool & Die Maker, Mechanic (Machine Tool Maintenance), Sheet Metal Worker, Carpenter)
B. Voc. in Automobile Technology	40	Fitter, Welder, Turner, Sheet Metal Worker, Mechanic (Motor Vehicle), Mechanic (Refrigeration and Air-Conditioning)

**NOTE:** The program also features the flexibility of multiple exit and entry to enable the trainee to seek employment after any level of award/certificate and join back as and when feasible to upgrade her / his qualification / skill competency either to move higher in her / his job or in the higher educational system.

## FEE STRUCTURE

<b>University Registration Fee</b>	INR 3,000 (One-time ERP Registration fee)
<b>Caution Money</b>	INR 3,000 (One time, Refundable)
<b>Academic Fee</b>	INR 9,000 / Semester <ul style="list-style-type: none"> <li>• Fee waiver up to 100% for meritorious candidates.</li> <li>• Scholarships available for EWS (economically weaker sections), SC &amp; ST youth, as per Government guidelines.</li> </ul>
<b>Hostel Fee</b>	INR 36,000/year for shared accommodation and food
<b>Internship &amp; Placement</b>	Assured placement at the end of the course Paid internships available in Pune, Coimbatore, NCR etc.

## COURSE DETAILS

### B. Voc. in Precision Manufacturing Technology

Manufacturing Technology | Material Science and Material | Manufacturing Process | Advances in Materials Processing | Metrology and Computer Aided Inspection | Sensors and Motion Control Drives | Computer Application and Network | Metrology and Computer Aided Inspection | Tool and Die Design | Jigs and Fixture design | Cutting tools & Cutting Fluids | Advanced Machining Technology | Electrical Machines | Mechatronics and Modern Control | CNC Turning and | Assembly Drawing in CAD | CAM | Milling | Additive Manufacturing | PLC and Industrial Automation | Maintenance of Machines | Plant Layout and Automated Material Handling | Internet of Things and Industry 4.0 | Total Quality Management | Industrial management | Entrepreneurship & Startups | Employability Skills | On Job Training

### B. Voc. in Automobile Technology

Manufacturing Technology | Material Science and Material | Automobile Chassis and Transmission | Automobile Body Building Engineering | Automobile Drawing and Designing | Two and Three Wheeler Technology | Automobile Electrical Equipment | Modern Electric & Hybrid Vehicles | Automobile Workshop | Computer Application and Network | Assembly Drawing in CAD | Auto Body Repair, Denting & Painting | Automobile Engine Systems | Automobile Electrical System | Vehicle Performance and Testing | Automotive System Design | Automotive Refrigeration and Air Conditioning | Automobile Maintenance | Service & Repairs | Auto NVH | Off- road Vehicles | Autotronics | Alternative Fuel & Emission Control | Internet of Things and Industry 4.0 | Total Quality Management | Industrial management | Garage Organization & Transport Management | Entrepreneurship & Startups | Employability Skills | On Job Training

## HOW TO APPLY

**For ONLINE Application:** Visit the link [www.cutm.ac.in/admissions](http://www.cutm.ac.in/admissions)

**For OFFLINE Application:** Download the Application Form <https://cutm.ac.in/admissions/HTML/index.html> and send the filled in form to: National Skill Training Institute (NSTI), Mancheswar Railway Station Rd, Block D, Sector A, Mancheswar Industrial Estate, Bhubaneswar, Odisha 751007

**To Know More:** Visit <https://cutm.ac.in/admissions/HTML/images/bvocihand.pdf> Or **Contact:** 93705 19569

## IMPORTANT DATES

**ONLINE Application Closes:** 16 Dec. 2019 (No Application Fee)

**OFFLINE Application (to reach at NSTI, Bhubaneswar by post):** 16 Dec. 2019 (No Application Fee)

**Written & Interview:** 20-21 Dec. 2019

**Publication of Results:** 28 Dec. 2019

**Reporting for Admission:** 3-4 Jan. 2020

**Classes Start:** 5 Jan. 2020