



Looking for 100%  
Guaranteed Placement in  
Top Core Mechanical Industries?

Become an  
industry-ready Professional  
with our UGC Recognized

Post Graduate Diploma in Quality & Industrial Engineering  
Delivered through the WISE Model (On-the-Job Training).

Company Sponsored Program (Fees Paid by Company)

(For Mechanical, Aerospace, Petrochemical, Metallurgy, and Related Engineering Disciplines)

***Join SYNERGEM Today & Shape your Future!***



## About Us:

Synergem Consultancy Private Limited is incorporated under the Companies Act, 2013 (18 of 2013). We have established a Center of Excellence (CoE) in Welding and NDT Technologies at MLR Institute of Technology (MLRIT), Hyderabad. Additionally, we serve as the Industry Training Partner for the MLR Group of Colleges. We have a strategic collaboration with Medhavi Skills University, a government-notified skills university and an awarding body recognized by the National Council for Vocational Education and Training (NCVT), with approvals from UGC, DGT, and NSDC. From 2010 to 2016, we were recognized by the Central Electricity Authority, under the Ministry of Power, Government of India. Furthermore, from 2018 to 2020, we served as the South Regional Partner for Formula 1 STEM Education (FI, UK).

We provide a variety of international training and certification programs aimed at fresh graduates and working professionals in the mechanical engineering field. These programs include Work-Integrated Skill-Based Higher Education (WISE) and SKILLS Qualifications (Vocational Certificates & Diplomas). All of our accredited qualifications are industry-led and focused on outcome-based learning, prioritizing practical application over theoretical knowledge. Our vocational qualifications are nationally recognized, with certificates issued by MSU/NCVT as the regulatory body, in line with the National Skills Qualifications Framework (NSQF) and National Credit Framework (NCrF), as well as international organizations like American Society of Mechanical Engineers (ASME), The American Society for Non destructive Testing (ASNT), and American Welding Society (AWS).

## Synergem Center of Excellence (COE) in Welding and NDT Technologies

Synergem Consultancy Pvt. Ltd. has partnered with MLR Institute of Technology (MLRIT) to establish a Center of Excellence (CoE) in Welding and NDT Technologies. This state-of-the-art facility is equipped with advanced machinery to provide hands-on training for core mechanical engineering students. The CoE aims to bridge the gap between academic learning and industry requirements, preparing students to become skilled industry professionals.



## About the Post Graduate Diploma in Quality & Industrial Engineering Skills

The Post Graduate Diploma in Quality & Industrial Engineering Skills is a UGC-recognized program offered under the Work Integrated Skill-based Higher Education (WISE Model: On-The-Job Training). Accredited by the National Council for Vocational Education and Training (NCVET), the program aligns with the National Skills Qualifications Framework (NSQF) and the National Credit Framework (NCrF). It also adheres to international standards set by organizations such as ASME, ASNT, and AWS.

### Key Highlights

#### ➤ **UGC-Recognized 1-Year Program**

Total of 1200 hours of training, earning 40 UGC credits.

#### ➤ **Earn While You Learn**

Students receive a monthly stipend during training, which can be used to pay the program fees in convenient installments.

#### ➤ **Initial On-Campus Training**

One month of foundational training at our Center of Excellence (COE) located at MLR Institute of Technology (MLRIT), Hyderabad.

#### ➤ **On-the-Job Training (WISE Model)**

12 months of industry-based training with our industry partners, providing hands-on experience while working

#### ➤ **Paid Industry Stipend**

Students receive a guaranteed monthly stipend of ₹20,000 to ₹25,000 CTC during the on-the-job training period.

#### ➤ **Assured Post-Training Employment**

Graduates can expect a guaranteed monthly salary of ₹25,000 to ₹50,000 CTC based on performance and placement

### Subjects Covered in the Post Graduate Diploma in Quality & Industrial Engineering Skills Program



Industrial Safety



Industrial Metallurgy



Isometric & Industrial



Welding Technology



QA/QC Mechanical



QA/QC Piping



Conventional NDT



Advanced NDT



## Certifications

Upon successful completion of one year of On-the-Job Training while actively working in the industry, and after settling the full course fees through ECS, candidates become eligible to appear for the Post Graduate Diploma in Quality and Industrial Engineering final examination.

### After passing the exam, students will receive:

- A UGC-recognized Post Graduate Diploma in Quality & Industrial Engineering Skills
- 16+ additional international certifications from globally recognized professional bodies
  1. Certificate in Quality Assurance & Quality Control (QA/QC) in Fabrication
  2. Certificate in Quality Assurance & Quality Control (QA/QC) in Piping
  3. Certificate in Welding Technology (TIG/MIG/ARC)
  4. ASNT Level II in Liquid Penetrant Testing (LPT).
  5. ASNT Level II in Magnetic Particle Testing (MPT)
  6. ASNT Level II in Radiography Testing (RT)
  7. ASNT Level II in Radiography Test Film Interpretation (RTFI)
  8. ASNT Level II in Ultrasonic Testing (UT)
  9. ASNT Level II in Visual Testing (VT)
  10. ASNT Level II in Eddy Current Testing (ECT)
  11. ASNT Level II in TKY Joints using Ultrasonic Testing (TKY-UT)
  12. ASNT Level II in Phased Array Ultrasonic Testing (PAUT)
  13. Certificate in Isometric & Industry Drawings
  14. Certificate in Destructive Testing (DT)
  15. Certificate in Industrial Metallurgy
  16. Certificate in Industrial Safety

### Why Should a Candidate Enroll in This Course?

There is a significant demand for certified and trained professional engineers across core mechanical industries. Today, most companies prefer skilled and job-ready professionals over fresh graduates with no hands-on experience. As a result, industries increasingly recruit candidates from skill development institutions like Synergem, which specialize in producing industry-ready talent.

Major core sectors such as Refineries, Petrochemicals, Oil & Gas, Heavy Engineering, Fabrication, Process Equipment Manufacturing, Steel Plants, Aerospace, Defense, Shipping & Submarine Technology, Automobile, Casting and Forging Industries actively seek professionals who are trained, experienced, and hold international certifications in relevant fields

### Who Can Enroll?

This Program is suited for:

#### ➤ **Fresh Graduates holding degrees in:**

M.Tech / B.E. / B.Tech in Mechanical, Automobile, Aeronautical, Metallurgical, Metallurgy and Material Technology, Marine, Petroleum, and Petrochemical engineering streams.

#### ➤ **Working Professionals with experience in:**

Non-Destructive Testing (NDT), Quality Assurance / Quality Control (QA/QC), Maintenance & Operations, Construction, Fabrication, Erection, Project Planning and Execution.



## Career Opportunities & Job Designations

Graduates of this program are qualified for a wide range of roles across core mechanical and industrial sectors. These roles span across quality assurance, manufacturing, inspection, production, maintenance, and project execution.

<i><b>Job Positions / Designations (As a Fresher's)</b></i>	<i><b>Job Positions / Designations (After gaining Experience)</b></i>
<ul style="list-style-type: none"> <li>* Graduate Engineer Trainee (GET)</li> <li>* Production Engineer</li> <li>* Manufacturing Engineer</li> <li>* Assembly Engineer</li> <li>* Quality Engineer</li> <li>* QA/QC Engineer</li> <li>* QA Engineer</li> <li>* QC Engineer</li> <li>* Inspection Engineer</li> <li>* NDT/NDE Engineer</li> <li>* Advanced NDT/NDE Engineer</li> <li>* Erection Engineer</li> <li>* Maintenance Engineer</li> <li>* Planning Engineer</li> <li>* Documentation Engineer</li> </ul>	<ul style="list-style-type: none"> <li>* QA/QC Supervisor / Inspector</li> <li>* NDT Inspector/ Supervisor</li> <li>* Advanced NDT Engineer</li> <li>* Third Party Inspector</li> <li>* Welding Inspector / Supervisor</li> <li>* Pressure Vessel Inspector / Supervisor</li> <li>* Piping Inspector / Supervisor</li> <li>* Tank Inspector/ Supervisor</li> <li>* Painting Inspector / Supervisor</li> <li>* Radiological Safety officer (RSO)</li> <li>* Site Supervisor / Inspector</li> <li>* Production Supervisor</li> <li>* Quality Supervisor</li> <li>* Site Supervisor</li> <li>* Project coordinator</li> </ul>



Third Party Inspector



Welding Inspector



Piping Inspector



Pressure Vessel / Tank Inspector



NDT Inspector



Advanced NDT Inspector

## Stipend & Salary Details

<b>During the Program – On-the-Job Training (OJT):</b>	<b>Post-Program – After Successful Completion:</b>
<ul style="list-style-type: none"> <li>* Students will undergo 12 months of paid On-the-Job Training with Synergem's industry partners</li> <li>* During this period, students receive a monthly stipend in the range of ₹20,000 to ₹25,000 per-month CTC (Cost to Company)</li> <li>* The stipend is 100% guaranteed, as students are actively working as a GET in the Industry and contributing to real industrial operations</li> </ul>	<ul style="list-style-type: none"> <li>* Upon successful completion of the program and certifications, students are eligible for full-time employment in the industry</li> <li>* The starting salary for graduates typically ranges between: ₹25,000 to ₹50,000 per month CTC (Cost to Company)</li> <li>* Salary depends on:               <ol style="list-style-type: none"> <li>1. Student performance during training</li> <li>2. Job role &amp; industry sector of the company</li> <li>3. Any prior work experience (for working professionals)</li> </ol> </li> </ul>

## Course Fee & Fee Structure

### Total Course Fee

₹ 87,000/- (₹15,000/- Paid by the student, ₹72,000/- Paid (sponsored) by the company)

### Flexible Payment Options (Monthly Installment Plan in ECS Mode – Earn While You Learn)

- Pay fee through monthly deductions from the stipend earned during On-the-Job Training (OJT).
- Ideal for students opting for the “Earn While You Learn” model.
- No need to pay the full fee upfront.

Component	Amount	Description	Payment Method	Due Date / Frequency
Total Fee	Rs. 87,000/-	Complete training program cost	--	--
Student Pays	Rs. 15,000/-	Rs. 500/- for booking, Rs. 14,500/- on training start	Direct by Student	Booking: Upon Admission; Rs. 14,500 on 3rd day of training
Company Sponsored (Paid to Student)	Rs. 72,000/-	Deposited in student's account with stipend	Repaid by student in EMI's (Through ECS)	₹6,000/month × 12; 8th of each month

## What the Fee Covers

- 01- month intensive training at Synergem Center of Excellence (COE, Hyderabad)
- 12 months of On-the-Job Training with a monthly stipend ranging from ₹20,000 to ₹25,000 CTC Per Month.
- Industry-specific training by certified experts
- 16+ International Certifications (ASME, AWS, ASNT, etc.)
- UGC-recognized Post Graduate Diploma in Quality & Industrial Engineering Skills
- One Year Industry Experience
- Placement guarantee upon successful completion of the one-year On-the-Job Training (PG Diploma), with a monthly CTC ranging from ₹25,000 to ₹50,000.



## Synergem Skill Certifications: Empowering Students

Synergem offers industry-aligned certification programs designed to enhance employability and practical knowledge. These certifications emphasize hands-on, outcome-based learning rather than just theory, bridging the gap between academic instruction and real-world skills.

### Benefits for Students:

#### ➤ **Recognized Qualification:**

Earn a UGC-recognized diploma along with joint certifications from reputed industry bodies, NSDC, and Sector Skill Councils (SSCs).

#### ➤ **Dual Learning Model:**

Learn theoretical concepts on campus or at the Synergem Center of Excellence (COE), combined with hands-on experience through On-the-Job Training (OJT) with industry partners.

#### ➤ **"Earn While You Learn" :**

Receive a monthly stipend during OJT, making education both affordable and accessible.

#### ➤ **Work-Integrated Credentials:**

Graduate with both an academic qualification and real-world industry experience—enhancing career readiness.

#### ➤ **Industry-Driven Certifications:**

Programs are designed to focus on practical, job-ready skills aligned with current industry demands.

#### ➤ **Nationally Recognized Credentials:**

Certifications are issued by MSU/NCVET and conform to national education and skill standards.

#### ➤ **Academic Integration:**

The curriculum is aligned with the Choice Based Credit System (CBCS), and seamlessly fits into academic frameworks such as VAC, AECC, and SEC courses.

#### ➤ **National Credit Recognition:**

Academic credits are awarded under the National Credit Framework (NCrF) and are transferable across AICTE/UGC-recognized institutions.

#### ➤ **Secure Credit Storage:**

All earned credits are securely stored and verified through the Academic Bank of Credits and DigiLocker.

#### ➤ **Flexible Learning Modes:**

Choose from multiple learning formats including in-person, online, on-site, and on-the-job options to suit individual needs.

#### ➤ **Enhanced Employability:**

OJT provides direct industry exposure and a clear pathway to guaranteed employment and long-term career growth.

#### ➤ **Industry Partnership Advantages:**

Industry partners benefit from reduced hiring costs, improved retention, and access to skilled, job-ready candidates.



## Placement and On-The-Job Training Opportunities with Synergem



Casting & Forging Industry



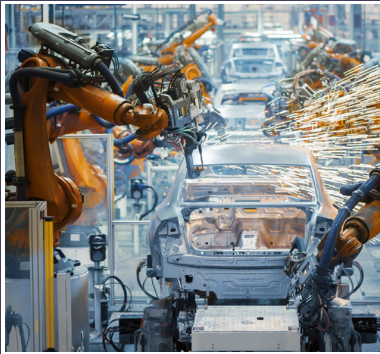
Automobile Industry



Steel Plants



Thermal Power Plants



Manufacturing Industry



Oil & Gas Industry



Petrochemical Industry



Refinery Industry



Defence Industries



Aerospace Industries



Shipping Industries



Fabrication Industries



Process Equipments & Heavy



Construction & EPC



Wind Energy Industries



NDT & Adv.NDT Inspection

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