



# MED INSTITUTE OF MEDICAL GAS TECHNOLOGY (MIMGT)

Training Partner of Healthcare Sector Skill Council, Govt. of India



**Courses Offered**

**CERTIFICATE ON MEDICAL GAS PLANT ROOM TECHNIQUES**

**ADVANCED CERTIFICATE ON MEDICAL GAS PIPELINE SYSTEMS**

**POST DIPLOMA CERTIFICATE ON MEDICAL GAS PIPELINE SYSTEMS**

## About Us

MED Institute of Medical Gas Technology (MIMGT) is a certified company/institution committed to provide quality services and products related to medical gas pipeline systems (MGPS) and Biomedical Engineering, to enhance quality and safety of healthcare delivery in India. MIMGT offering highly focused skill development programs in Medical Gas Pipeline Systems. We conduct certification programs to produce skilled professionals in MGPS to fulfil growing demands of the healthcare industry. We install and maintain medical gas pipeline infrastructure at hospitals and upgrade the existing ones, in compliance to international quality standards.

## About Healthcare Sector Skill Council

The Healthcare Sector Skill Council (HSSC) is a “not-for-profit” organization, created by National Skill Development Corporation (NSDC), Confederation of Indian Industry (CII) and leading healthcare service providers representing both public and private sector in the country. The objective of the HSSC is to create ecosystem for quality vocational education in allied health in the country. One of the important component is, development of occupational standards for alliedhealth, accreditation protocols and accreditation of training institutes based on sound principles, third party assessment of trainees and certification.

## About Medical Gas Pipeline System

Medical Gas Pipeline System (MGPS) refers to a complete standalone engineering infrastructure that facilitates continuous availability of medical gases required in a hospital. The medical gases include oxygen, compressed air, nitrous oxide, and carbon dioxide. The MGPS supplies vacuum also. The fact that oxygen from MGPS is used in the life supporting ventilators shows its paramount importance. The nitrous oxide is used in anesthesia. Carbon dioxide supply is necessary during endoscopic surgery. Vacuum is necessary in the suction apparatus to remove pooled secretions and blood.

Supplying accurate composition/ concentration (purity) of medical gases at the right pressure forms the basis for the functional operation of ventilators and anesthesia machines in operation theatres, in intensive care units and treatment rooms. Unexpected breakdown of the MGPS is catastrophic as it will throw the patients under critical care to extreme risk. Mishandling and improper maintenance of MGPS may cause fire accidents as the medical gases are highly inflammable. Any inadvertent changes in the purity and pressure of supplied gases may end up with serious medical errors and casualty. Hence, there is an urgent need for trained MGPS taskforce in our country and across the globe.

## List of Programs

**CERTIFICATE ON MEDICAL GAS PLANT ROOM TECHNIQUES (LEVEL: PLANT ROOM TECHNICIAN)**

**Duration :** 6 months (including on-site training)  
**Eligibility :** A pass in matriculation/ SSLC or equivalent with 50% aggregate marks  
**Intake :** 25 Nos

**ADVANCED CERTIFICATE ON MEDICAL GAS PIPELINE SYSTEMS (LEVEL: SENIOR TECHNICIAN)**

**Duration :** 6 months (including on-site training)  
**Eligibility :** A pass in National Council for Vocational Training (NCVT) or Kerala Government Examination (KGCE) certification in refrigeration and air conditioning, fitter, plumber or equivalent with 50% of aggregate marks / Pass in plus two, Pass in THSLC  
**Intake :** 25 Nos

**POST DIPLOMA CERTIFICATE ON MEDICAL GAS PIPELINE SYSTEMS (LEVEL: SUPERVISOR)**

**Duration :** 6 months (including on-site training)  
**Eligibility :** A pass in three year diploma in Engineering in Mechanical Engineering / Biomedical Engineering / Medical Electronics / Instrumentation or equivalent with 50% aggregate marks  
**Intake :** 25 Nos

## Excellent Placement Opportunities

The MIMGT is a sister concern of the company Metro Medi Systems, Kochi. Metro Medi Systems have been involved in designing, installing and maintaining a wide range of medical gas systems at leading public/private sector hospitals in south India, over 20 years. The company has more than 230 installations in South India. The MIMGT has signed a formal MOU with the Metro Medi Systems for student training and placement. In addition, major employers of the certified professionals in MGPS are super/multispecialty hospitals and companies involved in the erection and maintenance of MGPS. An opportunity to start own companies and establish themselves as entrepreneurs is also wide open for the trained MGPS professionals.

## Infrastructure Facilities & Features

- ▶▶ Fully air conditioned and luxuriously-furnished classrooms
- ▶▶ ICT-enabled instructional facility with digital teaching aids
- ▶▶ Fully equipped workshops and sophisticated laboratories
- ▶▶ Reading facility with latest text books, journals and periodicals related to medical gas pipeline systems
- ▶▶ Free access to high-speed Wi-Fi
- ▶▶ Memorandum of understanding with industries and hospitals for placements
- ▶▶ Well-qualified and highly resourceful faculty

## Contact Us

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