

Postdoctoral Industrial Training in Medical Gas Pipeline Systems



MIMGT
Med Institute of Medical Gas Technology

About the Programme : Many software industries in India currently offer postdoctoral training in artificial intelligence and data science. Similar opportunities are not available for researchers working in electro-mechanical and biomedical engineering sectors. We offer a unique opportunity for researchers to pursue their postdoctoral training through a blended hybrid mode without quitting the job. The postdoctoral training in medical gas pipeline systems (MGPS) is offered jointly by Med Institute of Medical Gas Technology (MIMGT), and Metro Medi Systems, Kerala. The MIMGT is a certified institution committed to impart quality education and training related to MGPS. The MIMGT is an authorized training partner of the healthcare sector skill council (HSSC), Govt. of India. The Metro Medi Systems, Kerala is a medical device industry involved in the installation and maintenance of medical gas pipeline systems in South India with more than 20 years of legacy. The opportunity to pursue postdoctoral training brings an added advantage for researchers from academia to progress in their career.



Programme Objective : To produce senior level research scientists who can identify technical problems related to MGPS, design products and solutions for applications in MGPS, and develop policies and protocols to ensure quality and safety of MGPS.

Eligibility : A Ph.D degree in Pharmacy / Medical Physics / Biomedical Engg. / Mechanical Engg. / Industrial Engg. / Civil Engg. / Instrumentation & Control Engg. / Electrical & Electronics Engg.

Duration and Structure of the Training : Minimum duration of the postdoctoral training is one year. The programme is administered via online mode. The trainee has to pursue three instructor-led (or self-study) theory courses, namely, principle and operation of MGPS, design & installation of MGPS, and MGPS standards & protocols during the first six months. In addition to the theoretical instructions, there will be a 15 days mandatory onsite training at our plants and sites at the end of the first six months. There will be a progress evaluation after the completion of the onsite training. For the successful completion of the postdoctoral training, the trainee should mandatorily publish a paper exclusively related to the technical problems in MGPS or new products and solutions for MGPS or policies and protocols to ensure quality and safety of MGPS in a Scopus-indexed journal of international repute. Throughout the training, the trainee will be mentored closely by a committee comprising two industry experts and two researchers with doctoral degree qualifications and postdoctoral experience. The certificate of "Postdoctoral Industrial Training in Medical Gas Pipeline Systems" will be jointly issued by Med Institute of Medical Gas Technology, and Metro Medi Systems, Kerala upon satisfactory performance of the candidate in a presentation of 1 hour duration and 1 hour viva voce in front of an international evaluation committee comprising one industry expert and one specialist from academia.

Application Procedure : Aspiring candidates are requested to submit their application via Email to mimgtindia@gmail.com with a subject line 'Application for Postdoctoral Industrial Training in Medical Gas Pipeline Systems'. The application package should contain a complete curriculum vitae, and a statement of purpose less than two pages length. Shortlisted candidates will be called for an online interview. The programme fee is 1 Lakh per year. For further queries please contact,

Med Institute of Medical Gas Technology Pvt Ltd
Kidachira, Kadamattom Post, Ernakulam Kerala - 682311
Phone: +91 8848527909