



CHRIST COLLEGE OF ENGINEERING (Autonomous)
Irinjalakuda, Thrissur, Kerala - 680125

ADMISSIONS OPEN!

CENTER FOR PNEUMATIC & HYDRAULIC RESEARCH (CPHR)

The CPHR is a dedicated research and training division under Christ College of Engineering. It aims to advance education and innovation in the field of industrial and medical pneumatics.

COURSE OBJECTIVE

Equip students with practical and theoretical knowledge in pneumatic, electrical and electronic systems especially used in general, industrial and dental equipments, preparing them for careers in maintenance, service or support roles.

Certification in General and Dental Pneumatics Technology (GDPT)

- ⌚ **Duration:** 6 months
- ⌚ **Eligibility:** 10+2/ITI/Diploma and above
- ⌚ **Mode:** Classroom + Practical Training
- ⌚ **Certifying Body:** Christ College of Engineering (Autonomous)

**Apply now for
July 2026 intake!**

INTERNSHIP AND PLACEMENT SUPPORT OFFERED!

REGISTER NOW!

+91 8281290141
cphr@cce.edu.in

COURSE HIGHLIGHTS

- Fundamentals of Pneumatics and Compressed Air Systems.
- Pneumatic Components and Circuit Designs.
- Dental Chair Pneumatics, Electrical and Electronic Control Systems.
- Hands-on Training on Real-world Equipment.
- Troubleshooting and Preventive Maintenance Techniques.
- Mini-project and Assessment.



TOOLS & EQUIPMENTS COVERED

- Compressors, Filters, Regulators & Lubricators (FRL units)
- Dental Chair Pneumatics (Actuators, Valves, Foot Controls)
- Pneumatic Handpieces & Scalers
- Pneumatic Cylinders & Control Valves

LEARNING MODE

- 70% Practical | 30% Theory
- Lab-based Experiential Training
- Industry Visits/Expert Workshops

CAREER OPPORTUNITIES

- Pneumatic Technician (General Equipment)
- Service Engineer - Medical Equipment Companies
- Maintenance Technician - Clinics, Labs, Hospitals
- Technical Support - Dental Chair Manufacturers
- Entry Pathway to Specialized Biomedical Engineering Roles



FOR MORE DETAILS, CONTACT:

Mr. Jayachandran P.P. - Faculty & Course Co-ordinator
Mob: +91 8281290141/ +91 8921171940
Email: cphr@cce.edu.in

Center for Pneumatic & Hydraulic Research
Ground floor, St. Joseph's Block
Christ College of Engineering, Irinjalakuda

