

AIIC

RAIL  
ENGINEERING



# RAIL ENGINEERING

Signaling your future through AI International College



## HIGHLIGHTS

The Rail Training Program covers a range of technical, professional and practical aspects of the rail industry which will be taught at Newcastle College's dedicated Rail Academy. The core program is delivered over an 8-week period but can be extended to 10 weeks to include 2 weeks of English Language preparation if required.

### AI International College

A Division of Atlas Group of Institutions  
Inkel Greens Educity | Melmuri (PO)  
Malappuram | 676519  
Kerala | India



0091 48 3295 7777  
0091 8547 295 777  
info@aiic.in  
www.aiic.in

## FACILITIES

- ◆ Full indoor and outdoor ohle
- ◆ Fully operating s&c and s&t equipment
- ◆ Multiple way setups
- ◆ Latest electronic and plc testing & monitoring equipment
- ◆ Signaling workshop
- ◆ Mechanical workshop

## COURSE CONTENT

- ◆ Railway safety
- ◆ Hand tools and equipment
- ◆ Railway maintenance
- ◆ Track geometry
- ◆ Track inspections
- ◆ Track and line protection
- ◆ Track safety, theory and principles
- ◆ Emergency procedures
- ◆ Accident analysis
- ◆ Main signalling designs
- ◆ Electrical and mechanical signals
- ◆ Track circuits
- ◆ Signal boxes

**BUILD YOUR CAREER  
WITH RAIL ENGINEERING**

## BENEFITS OF PROGRAM

- ◆ An opportunity to get hired by the Industry/ organization
- ◆ Practical experience in an organizational setting
- ◆ Excellent opportunity to see how the theoretical aspects learned in classes are integrated into the practical world
- ◆ Onfloor experience provides much more professional experience than classroom teaching
- ◆ Helps them decide if the industry and the profession is the best career option to pursue
- ◆ Opportunity to learn new skills and supplement knowledge
- ◆ Opportunity to practice communication and teamwork skills
- ◆ Opportunity to learn strategies like time management, multi-tasking etc in an industrial setup
- ◆ Opportunity to meet new people and learn networking skills
- ◆ Makes a valuable addition to their resume
- ◆ Enhances their candidacy for higher education
- ◆ Creating network and social circle and developing relationships with industry people
- ◆ Provides opportunity to evaluate the organization before committing to a full time, position

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