



# STEAG Power Plant Learning Center

The Learning & Development Center of STEAG Energy Services India is equipped with state of the art Power Plant Simulators and other facilities to effectively provide fresh engineers and experienced professionals with skills & know how that are crucial to improve operation and enhance efficiency.

The Center, located at Noida, India is recognized by Central Electricity Authority (CEA), Government of India for providing mandatory training in Operation and Maintenance of Thermal Power Plants under the Indian Electricity Rules.

## Practical Training

Comprehensive practical training is arranged for coal-fired, gas-fired & co-generation power plants.

## Faculty

The center has 25 core & part-time faculties with an average experience of more than 20 years in power sector, many of them are post-graduates in Mechanical, Electrical or Control & Instrumentation. In addition to nominated faculty, STEAG's experts from power plants and the engineering division also provide training inputs in specialized areas to bring practical knowledge to the trainees.

## State of the art training facilities include

- Variety of Simulators
  - 800 MW PF Generic Supercritical
  - 720 MW GE Frame 9FA Simulator
  - 660 MW PF-ABB-Bailey
  - 660 MW PF Generic Supercritical
  - 600 MW PF Generic Coal based (Chinese Machine)
  - 430 MW Generic Combined Cycle
  - 250 MW Generic Hydro Simulator
  - 195 MW PF Generic Coal based
  - 50 MW Generic Solar Thermal
- Model room
- Classrooms with Audio-Visual aids
- Online Theoretical training facility
- Simulator training – Offline & Remote mode
- Lab with Calibrated Testing Equipments and Testing Facilities
- Library with books on latest trends & technologies

# Customization is our strength for any module

## Competency Development Program

Organization-wide integrated learning and development initiatives aimed at achieving corporate objective through people & process development.



## Training Programs conducted

- One year (52 weeks) Graduate / Diploma Engineers Induction Program
- Specialized Training Programs across the globe
  - Operation of Thermal Power Plants
  - Maintenance of Thermal Power Plants
  - Emergencies & Troubleshooting in Power Plants
  - Fuel Analysis & Management
  - Power Plant Chemistry
  - Performance Guarantee (PG) tests
  - Safety in Power Plants
  - Environmental aspects in Power Plants
  - Efficiency Calculations & Monitoring
  - Energy Auditing (PAT)
  - Condition Based Monitoring (CBM)
  - Project Management in Power Sector
  - Asset Management
  - Engineering aspects in Power Plants
  - Renewable Energy
  - Flexibilization in Thermal Power Plants
  - Power Quality Management (PQM)
  - Indian Grid Code and Interface with Power Plants
  - Commercial aspects of Power Plants
- Study visits
- Workshop / Seminar / Webinar

These courses are offered at the Power Plant Learning Center, Noida, India or at pre-selected sites upon request.

## Other Services

- HRD Initiatives & Interventions
  - Manpower Competence Assessment
  - Training Need Analysis
  - Organizational & Management Development
  - Performance Assessment & Management

**STEAG Energy Services (India) Pvt. Ltd.**

A – 29, Sector – 16

Noida – 201 301

India

P +91 120 4625-000

**Your Contact:**

Saurabh Kumar Mehta

sk.mehta@steag.in

[steag.in](http://steag.in)