Short Term Course on

Application of Artificial Intelligence Techniques, Robotics and Mechatronics in Various Systems of Industrial Environments

Nov 20th – 24th, 2017

About NITR: *NIT Rourkela is one of the premier national level institutions for technical education in the country and is funded by the Government of India.*

The city of Rourkela is a bustling industrial town, cosmopolitan by nature and is well connected to all parts of the country by road and rail. It is en-route Howrah-Mumbai main line of South-Eastern Railway. Nesting amidst greenery on all sides, NIT campus is approximately 7km from Rourkela railway station. The nearest airports are Ranchi, Kolkata and Bhubaneswar, which are well connected by trains.

About Vizag Steel Plant.:

Rashtriya Ispat Nigam Limited – the corporate entityt of Vishakhapatatnam steel plant is a navaratna PSE under the ministry of steel. Vizag steel is first Shore based Integrated steel plant in the country and is known for its Quality products and coustmer delight. Vizag steel caters to the requirements of the construction, manufacturing automobile, general engineering ad fabrication sectors.

In the modern era, Robotics has accentuated in industrial applications. So the present course intends to equip participants with essential skills necessary to develop robotic systems for practical applications. This is a project based course equipped with state of art and laboratory facilities.

Course Contents:

- Concept of Industrial Automation
- AI Techniques and Applications in Industrial Automation
- Application of Sensors and Actuators in Industrial Automation
- Need and Application of Mechatronics in Industries
- Robotics in Industrial Environment
- Lab Visit and Experimentation
- Steel Plant Visit

Sponsored by

RASHTRIYA ISPAT NIGAM LIMITED,
Visakhapatnam Steel Plant
Andhra Pradesh

VIZAG STEEL
Pride of Steel

Important Dates:

Program Dates: *20-11-2017 to 24-11-2017*

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