

# Short Term Course on *Controlling Strategies using Mechatronics Equipment in Steel Industry (CSMESI-2019)*

(Feb. 25 – Mar. 01, 2019)



**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 entity of Vishakhapatnam steel plant is a Navaratna PSU 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 costumer delight. Vizag steel caters to the requirements of the construction, manufacturing automobile, general engineering ad fabrication sectors.



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

#### **Course Contents:**

- Concept of Mechatronics
- Application of Sensors and Actuators in Industrial Automation
- Need and Application of Mechatronics in Industries
- Robotics in Industrial Environment
- Lab Visit and Experimentation
- Industrial Tour

#### **Sponsored by**

**RASHTRIYA ISPAT NIGAM LIMITED,**  
Visakhapatnam Steel Plant  
Andhra Pradesh



#### **Important Dates:**

Program Dates: 25-02-2019 to 01-03-2019

#### **Coordinators**

Prof. D R K Parhi  
Phone: +91-661-2462514(o)  
[drkparhi@nitrkl.ac.in](mailto:drkparhi@nitrkl.ac.in)

Prof. B B V L Deepak  
Phone: +91-661-2462855(o)  
[bbv@nitrkl.ac.in](mailto:bbv@nitrkl.ac.in)

#### **Address for Correspondence:**

Coordinator,  
National Institute of Technology, Rourkela-769008, Odisha, India.  
Ph.: +91-8984180965(M), +91-986107309(M)