



**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,  
Accredited by NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)  
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

*Dt. 04<sup>th</sup> August, 2018.*


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**CIRCULAR**

Dear students this is informing you that NPTEL conducting course on “**Power System Engineering**” in the duration of 22-01-2018 to 14-04-2018. Hence, everyone have get registration for that course. This course offering certificate too which is useful for your career. For further information contact Mr K Durga Rao, Assistant Professor, EEE Department.

Resource Person:

Prof Debapriya Das  
Department of Electrical Engineering  
IIT Khargapur

  
Dr T Srinivasa Rao  
Head of the Department  
EEE  
**Head of the Department**  
**Department of Electrical & Electronics Engg.**  
**Avanathi Institute of Engg & Tech.**  
**Makavarapalem, Visakhapatnam - 531113.**

Copy to: Principal, AIET



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## *NPTEL COURSE ON* **POWER SYSTEM ENGINEERING**

**Duration: 22-01-2018 to 14-04-2018**

### **SYLLABUS**

- Week 1:** Overhead Line Insulators
- Week 2:** Underground Cables
- Week 3:** Transient Overvoltages and Insulation Coordination
- Week 4:** Corona
- Week 5:** Sag and Tension
- Week 6:** Distribution System Load Flow and Voltage Stability
- Week 7:** Approximate Method of Distribution System Analysis
- Week 8:** Application of Capacitors for Radial Distribution Systems
- Week 9:** Load Frequency Control
- Week 10:** Load Frequency Control
- Week 11:** Unit commitment
- Week 12:** Unit Commitment

  
Coordinator

  
HOD  
Head of the Department  
Department of Electrical & Electronics Engg.  
Avanathi Institute of Engg & Tech.  
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### STUDENTS ENROLLED FOR THE NPTEL COURSE ON “POWER SYSTEM ENGINEERING”

1. NARAVA SUNITHA
2. SAPPA HARISH
3. KONETI NIKHITHA
4. RONGALA SWATHI
5. MAMIDI SWATHI
6. SARASIDDI PAVAN KUMAR
7. KALLA GOWRI
8. PADIMI BHARGAVI

  
Coordinatör

  
HOD

Head of the Department  
Department of Electrical & Electronics Engg.  
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Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BHARGAVI PADIMI**

for successfully completing the course

**Power System Engineering**

with a consolidated score of **63 %**

Online Assignments	22.5/25	Proctored Exam	40.5/75
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Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **647**

Jan-Apr 2018  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

