



Student Training  
Program on

# CONTROL SYSTEMS

23-24 Nov, 2019

---

*by* Dr Avishek Adhikary

Electrical Engg and Comp Science Department

IIT Bhilai



# Program Schedule

Day 1 (23 Nov 2019), Saturday

---

9:00 am – 10:00 am: Registration

10:00 am – 11:30 am: Mathematical Modelling, Transfer Function and Feedback

11:30 am – 11:40 am: Tea break

11:40 am – 01:00 pm: Time Response and Stability – Routh Hurwitz Criterion

1:00 pm – 2:30 pm: Lunch Break

2:30 pm – 3:30 pm: Root Locus Technique

3:30 pm – 5:30 pm: Tutorial (1)

5:30 pm: Evening snacks and end of the day's session



# Program Schedule

Day 2 (24<sup>th</sup> Nov 2019), Sunday

---

10:00 am – 11:10 am: Frequency Response: Bode Plot

11:10 am – 11:20 am: Tea break

11:20 am – 12:30 pm: Frequency Response: Nyquist Plot

12:30 pm – 2:00 pm: Lunch Break

2:00 pm – 3:30 pm: Tutorial (2)

3:30 pm – 5:00 pm: Simulation in MATLAB

5:00 pm: Valedictory Session and End of the Program