



## Department of Electrical and Electronics Engineering

Birla Institute of Technology, Mesra, Ranchi - 835215 (India)

### STUDENT'S FEEDBACK – SUBJECTWISE COURSE OUTCOMES

**CAY: 2019-20 (MO'19): \*CAY: Current Academic Year (2019-20) Dated:20/11/2019**  
**SUBJECT: EE 503 MODERN CONTROL THEORY**

#### COURSE OUTCOMES:

After the completion of this course, students will be able to:

|     |                                                                                                                                                                                               |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1 | demonstrate an understanding of the building blocks of basic and modern control systems by creating mathematical models of physical systems in input-output or transfer function form;        |
| CO2 | organize state representations to satisfy design requirements using transformations and decompositions;                                                                                       |
| CO3 | examine state space equations for time domain analysis;                                                                                                                                       |
| CO4 | assess a system for its stability, controllability, and observability properties leading to design of controller and observer in a feedback control system;                                   |
| CO5 | aspire for pursuing a carrier in control, recognize the need to learn, to engage and to adapt in a world of constantly changing technology and play role of team leader or supporter of team. |

**Please evaluate on the following scale: Fully in agreement (VeryGood - VG): 0.9; Fairly agreeable (Good - G) : 0.7; Partially agreed (Average - A) : 0.5; Total disareement (Poor - P): 0.3**

| Sr. No. | Questionnaire on Course Outcomes | VG | G | A | P |
|---------|----------------------------------|----|---|---|---|
| 1       | Do you agree to CO1              |    |   |   |   |
| 2       | Do you agree to CO2              |    |   |   |   |
| 3       | Do you agree to CO3              |    |   |   |   |
| 4       | Do you agree to CO4              |    |   |   |   |
| 5       | Do you agree to CO5              |    |   |   |   |

#### Course Feedback:

| Sr.No. |                                                                                                                          | VG | G | A | P |
|--------|--------------------------------------------------------------------------------------------------------------------------|----|---|---|---|
| 1      | Do you find the subject useful for industries?                                                                           |    |   |   |   |
| 2      | In your opinion, are there any gaps in the course contents? If yes (Poor), please mention your suggestion(s) separately. |    |   |   |   |
| 3      | Your overall experience/ level of satisfaction                                                                           |    |   |   |   |

**Name & Roll Number:**

**Contact Number:**

**Email id:**