



INDIAN INSTITUTE OF TECHNOLOGY



(IIT) BOMBAY

**CONTINUING EDUCATION &
QUALITY IMPROVEMENT PROGRAMMES (CE&QIP)**

Certificate of Participation

This is to certify that

Sachin Rajaram Vankar

has participated in the QIP Course on

Control Systems

conducted by IIT Bombay during December 3 - 7, 2012

Bandyopadhyay

**Prof. B. Bandyopadhyay
Professor-In-Charge (CE&QIP)**

Dhanu Mani

**Prof. D. N. Manik
Course Coordinator**

No.CE&QIP/ME/Q- 5 /2012-13/19

(Course Contents Overleaf)



Course Contents

- **System Dynamics**
- **Feedback Control Systems**
- **Transient Response and Stability**
- **Controllers**
- **Root-locus Method**
- **Nyquist's Stability Criterion**
- **Bode and Nichols Plots**
- **State-space Systems**
- **Digital Controls**
- **System Compensation**