A course on

NONLINEAR CONTROL SYSTEM DESIGN

(For Post Graduates, Faculties and Scientists/Engineers)

JUNE 20-24, 2016 Department of Avionics



Indian Institute of Space Science and Technology, Thiruvananthapuram

INVITATION TO POST GRADUATE (MASTERS AND PH.D.) STUDENTS, COLLEGE TEACHERS, SCIENTISTS/ENGINEERS TO PARTICIPATE IN A FIVE DAY COURSE ON NONLINEAR CONTROL SYSTEM DESIGN (NCSD)

COURSE OBJECTIVE

EXPERT SPEAKERS

- The course aims to enhance the skills of the participants in the field of nonlinear control theory and practice. Amongst the particular topics to be covered are.
- Stability Of Nonlinear Dynamical Systems
- Sliding Mode Control Systems
- Optimal Control Systems
- Nonlinear Adaptive Control Systems
- Passivity Based Control Systems
- Controllers For Chaotic Systems
- Controllers For Robotic Manipulators
 Geometric Control Of Spherical Robots

<u>NOTE</u>

The course is addressed to participants who have undergone at least one UG level course on control systems and/or have experience working in the field of control systems.

- Maximum number of participants 40
- For registration and other details, please visit: www.iist.ac.in/conference/ncsd
- Course fee per participant:
 - Rs. 4000/- (for PG students and Research scholars)
 - Rs. 5000/-(for faculties from academic institutes and engineers/scientists from industries)
- DD should be drawn in favour of "Registrar, IIST, Thiruvananthapuram" payable at Thiruvananthapuram
- Important Dates:
 - Registration starts on 25th February 2016

- ✓ Dr. Arunkumar Mahindrakar, IITM, Chennat
 ✓ Dr. Vishwesh Vyawahare, RAIT, Mumbai
 - Dr. Faruk Kazi, VJTI, Mumbai
 - Shri. Sam K Zachariah, IIST, Thiruvananthapuram
- Dr. N. Selvaganesan , IIST, Thiruvananthapuram
- Dr. Priyadarshnam, IIST, Thiruvananthapuram
- ✓ Dr. Harsha Simha, IIST, Thiruvananthapuram

and other eminent personalities from premier institutions/ industries.

- Registration ends on 30th April 2016
- Shortlisted registrants will be informed on or before 5th May 2016
- Con reception of selection confirmation email from the course organizers (on or before 05th May 2016), the participants may send DD
- to reach us on or before 15th May 2016
- Boarding/Lodging facility will be provided to the participants on request. The expenses of the same must be borne by the participants.
- Approximate cost of Boarding /Lodging is Rs.200/day.

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