

Curriculum Vitae

1. Name :

Dr. Shailaja Ravindra Kurode

Designation: Associate Professor

Department: Electrical

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2. Qualifications:

Ph.D. in Systems and Control, (IIT Bombay)

3. Area of Research:

- Modeling of Systems
- Robust Control and Estimation using Sliding Modes
- Discrete Controllers
- Control of Underactuated systems
- Output feedback Control
- Control of Uncertain Systems such as fuel slosh, Converters for e- vehicle, Electro-Hydraulic systems, Flexible robots, Missile, Renewable Energy Systems etc.

4. Courses Taught:

UG Courses which include Digital Electronics, Control System Engineering, Control System Design, Digital Integrated Circuits, Measurements and instruments, Microprocessors, Power Electronics, Communication Electronics, Basic Electrical Engineering etc.

PG Courses which include Sliding Mode Control, Modeling of Dynamic Systems, Linear System Theory, Optimal Control Systems, Multivariable Control Systems, Automation & Robotics, Computer Methods in Control Systems etc.

5. Responsibilities Shouldered:

- PG Co-ordinator during 2010-2019
- Institute PhD Co-ordinator during 2012-2018
- Magazine (Abhiyanta) Faculty Advisor during 2016-2019
- Rector From 2029-till date
- EED Furniture Purchase Coordinator
- EED NAAC Coordinator 2020-21

- TY Faculty Coordinator during 2019-2020
- B. Tech Faculty Coordinator during 2020-2021
- EED PAQIC Convenor during 2020-21

6. Awards / Honour's received:

- Recipient of Scholarship in Stad. VII Stood second in Wardha District
- Recipient of all the prizes of school being first in school SSC batch with open merit
- Among top 1 % in in B.E. (Electronics & Power) Nagpur University.
- Rank 1 in M.E. in Electrical Control System at Pune University
- PhD Course work CGPA 9.5 at IIT Bombay
- Certificate of Appreciation for contribution in sesquicentenaries' occasion.
- Recipient of Pride of Nation Award fro I.I.F.S. Delhi
- Selected by INAE to work under INAE Fellow at IIT Bombay during 1/5/2011-30/6/2011
- Co-chaired session at IFAC world Congress held at Milano Itali during Aug 28-Sept 2, 2011
- Member of National Organizing committee for 12 th International Workshop VSS 12 organized at I.I.T. Bombay
- Chaired session at Int. Workshop on Variable Structure Systems (VSS 12) during Jan12-14, 2012 at I.I.T. Bombay
- Co-Chaired session at Int. Conf. on Advanced in Control and Optimization of Dynamic Systems (ACODS 12) during Feb. 16-18, 2012 at I.I.S.C. Banglore Bombay
- Participated for Guinness World Record for solving most of people solving Rubik's cube on Nov. 4, 2012
- Biography published in Marquist,s Who,s Who in the world 31 st Edition
- Appreciation from HOD for getting NBA Accrdetitation for five years of PG Program in Control System Engineering.
- Recipient of Cognizant Best Faculty Award
- Co-Chaired session at Int. Conf. on Transformation in Engg. Education during Jan 8-12, 2016.
- Felicitation by NCP for service and devotion in teaching in 2016.
- Member of Organizing Committee member for National Conference NPEC 17 held at COEP.

- Associate Editor for ACODS 2010
- Associate Editor for ACODS 2020
- BOS Member at university of Pune.
- Recognized PG Teacher and PhD Guide at Pune University for 2011-19
- Regular Reviewer of reputed Int. Journals (IEEE Trans, IE, IEEE/ASME Trans. Mechatronics, IEEE Tran. Automatic Control, Springer Journals, Journal of Franklin etc.) And conferences (VSS, CDC, ICC, ACODS, IECON, ASC,ECC, ACC etc.)
- BOS member AISSMS COE Pune

7. Number of PhD/ M.Tech/ B.Tech students guided:

- No. of PhD Students Guided : 03
- No of ongoing Phd candidates: 02
- No. of M. Tech Projects Guided (Since 2010): 41
- No. of on going M. Tech Projects : 4
- No. of B. Tech Projects guided(Since 2010):20
- No. of on going B. Tech Projects : 2

8. Research Project & Publication Details:

Research Projects:

(1) Design and development of Novel 2 DOF EHS System sponsored by COESRES-completed

(2) Design and development of linear Servo system: Allumini Assocoations - completed

Publications: 90 Publications on National and International level.

9. Google Scholar Link:

<https://scholar.google.com/citations?user=4acVW-gAAAAJ&hl=en>

10. Memberships and Affiliations:

- IEEE Member: 91300013
- ISTE: LS 26348
- IEI: M11715-6
- ACODS:
- AACOEP

11. Teaching Experience: 34 years