Name   : SURESH KUMAR CHILUKA
Designation : Assistant Professor
Department   : Electronics & Instrumentation Engineering
Email.id   : sureshkumar_ch@vnrvjiet.in

Experience (in years): Teaching: 7Years   Research: Others (If any, Specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	2006	Instrumentation and Control Engineering
2	M.Tech	2010	Control Systems

2. Teaching and Learning:

2.1. Teaching Interests: Control Systems, Signals and Systems, Digital Control Systems, Modern Control Theory, Digital Signal Processing, Electronics-Electrical-Mechanical Measurements, Instrumentation.

2.2. Novel Teaching & Learning Techniques adopted: POGIL, Videos, PPTs and Quiz etc….

2.3. Involvement in curriculum updating / Design: Yes

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books and listening music, interested in distributing the subject as much as possible and initiate students for new things.

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated: Convergence, Scintillation etc……

3.4. Counseling and Mentoring Activity: Mentor 8 no. of students from each year.

3.5. Committees involved in:

Department level: Lab Master Incharge, Member of PAC & DAC, Dept.Budget, 1st Year Admissions, NBA Coordinator, CAMS, EzSchool, Time Tables, Lab Incharge, RCC Member etc…

Institute Level: Career Vision, Curriculum & Syllabus Framing

4. Conference / Workshop / Seminar / Guest Lectures:

- Conducted:

  •Coordinated every work-shop that is being conducted in the Department.

  •Coordinator for 6 day Training Program on LabVIEW in December-2013.

  •Accompanied students for Training Program on PLC & SCADA in Dec-2013.

- Attended:

  - Workshop on "Design and Applications of Nano Materials for Sensors" at VNRVJIET during 10th to 12th Nov,2016.

  - Workshop on "Design and Fabrication on MEMS" at VNRVJIET during 22nd to 25th Feb, 2016.

  - Workshop on "Design, Development And Applications Of Advanced Robotics" at VNRVJIET during 02nd to 05th Nov, 2015.

  - Workshop on "Real Time Applications Using LabVIEW" at VNRVJIET during 01st to 4th July, 2015.

  - Attended FDP on Recent Trends in Control and Automation in CVR College of Engg. & Tech., Ibrahimpatnam in November-2013.

  - Three day workshop on Art of Teaching during May 2013 at VNRVJIET, Hyderabad One week Certification course on LabVIEW in March-2013.

- Workshop on" Design and Implementation of Advanced Control Systems Throug MATLAB AND LabVIEW" at VNRVJIET during 23rd to 25th May, 2013
- Two day workshop on "Photonics" during Jan 2013 at Vignan Institute of Technology, Hyderabad.
- Two day workshop on Biomedical Signal Processing Using LabVIEW during Aug2012 Using LABVIEW
- Participated a one week training programme on "Introduction to PLC and DCS" conducted by Yokogawa at VNRVJIET, Hyderabad from 5th to 9th MAR, 2012.
- Attended a two day workshop on "Neural Network and Fuzzy Logic" at VNRVJIET, Hyderabad from 27th & 28th FEB, 2012.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

      a) UG: 11   b) PG: 4

5.5. Research Interests: Control System Designing, Non-Linear Control Systems.

5.6. Ph.D students:

      a) Enrolled: b) Submitted:

      c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Direct Torque Control Using NN Approach	IJREC, VOL-2	ISSN: 2319-1163	1.962	International
2	Modeling and Control of a Multi-Component Continuous Crude Distillation Column Using LabVIEW	IJRIEEIE, Vol. 3, Issue 11, November	. ISSN (Print) : 2320 – 3765 ISSN (Online):2014 2278 – 8875	1.686	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Design PID Controller for TITO Process Based on Least square optimization tuning Method	ICCICR,	International	2014
2	Image Compression with DCT using LabVIEW	ICRAESIT	International	2015

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Rocket Engine	HEMRL Pune	April-		Not

	Fuel Filling		2015		Applied for Grant

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

7. Motto: Attitude to determine own terms and produce better results.