

Name: K.Vijay Chandra
 Designation: Assistant Professor
 Department: Electronics & instrumentation engineering
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Experience (in years): Teaching: 8 Research: ---- Industry: 00

1.Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Pursuing	Bio-Sensors in Bio-Medical Applications
2	M.Tech	2011	Digital systems and computer electronics
3	B.Tech	2007	Electronics and Instrumentation Engineering

2. Teaching and Learning:

2.1.Teaching Interests:

Micro electro mechanical systems, instrumentation control systems, control systems
 PC Based Instrumentation, Electronic Measurements & Instrumentation,BMI,Aanalytical Instrumentation.

2.2.Novel Teaching & Learning Techniques adopted:

POGIL, WIT & WIL,PPT & Videos

2.3.Involvement in curriculum updating / Design:

Involved in design of Lab manuals & Lab protocols,

3. Co-curricular and Extra-Curricular Activities:

3.1. Interests and Hobbies: Sports, fishing,chess

3.2. CCA/ECA Organized:

- Conducted a 4 day workshop on “Design, Development of applications in robotics”in 2015.
- Conducted a guest lecture on startups by surendralinga reddy for Ist year B.tech EIE Students.

3.3. CCA/ECA participated:

- Participated in Shadow Engineering & Mirror Engineering programmes.

3.4. Counseling and Mentoring Activity:

Involved in Mentoring of Eight students per class each year.

3.5. Committees involved in:

Department level:

- Career vision(ED co-ordinator)
- Departmental ED co-ordinator
- Sintilashunz disciplinary committe member
- M.tech Class Co-ordinator
- Art of Teaching Co-ordinator
- Lab-inCharge(PCI Lab)

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: 04

4.2 Attended: 10

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 02

5.2. Articles / Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

a) UG: 2 batches (3 students per batch)

b) PG:

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5.5. Research Interests: Bio-medical instrumentation & Bio-Sensors.

5.6. Ph.D students:

a) Enrolled: YES

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol. No. PP	ISSN No.	Impact Factor	National/ International
1	Automobile security and safety system using labview	International Journal of Research in Engineering & Technology IRJET Volume 2 Issue 2	2319-1163	2.375	International
2	Machine intelligence on confocal microscope for detection of endothelium layer of corneal diseases	International Journal of Current Trends in Engineering & Research (IJCTER)	2455-1392	----	International

5.8. Papers presented at National / International Conferences & Seminars:

S.No	Title of the Paper	Name of the Conference/ Seminar	National/ International	Period
1	Automobile security and safety system using labview	conference	International	Dec 2013
2	Restoration of x-ray images using lab view	conference	International	15 th dec,2015
3.	Image compression with dct using lab view	Conference	International	16 th dec,2015
4	Detection of corneal diseases using ni vision assistant in lab view	IEEE Conference	International	19 th dec,2015

5.9. Sponsored research Projects: Applied for UGC Minor Research Project

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: NIL

7. Motto: To do research in the field of Bio-Medical Instrumentation image processing.