

1. Name: **Mr.Gunturu Vijaya Kumar**

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6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	<b>Pursuing (PhD)</b>	<b>Digital Image Processing</b>	<b>IIT (ISM) Dhanbad</b>
2	<b>M.Tech.</b>	<b>EE – Measurement &amp; Instrumentation</b>	<b>IIT Roorkee</b>
3	<b>B.E</b>	<b>Electrical &amp; Electronics Engineering</b>	<b>Andhra University</b>

7. Area of Specialization: **Measurement & Instrumentation, Signal & Image Processing and Analysis**

8. PhD (Guided): **N/A**

9. Subjects Taught:

I) UG:- **Measurements, Instrumentation**

II) PG:- **Measurement & Error Analysis**

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1	<b>Assistant Professor</b>	<b>BIT Sindri, Dhanbad</b>	<b>04.01.2018</b>	<b>Till Date</b>
2	<b>Assistant Professor</b>	<b>NIT Jamshedpur</b>	<b>18.01.2016</b>	<b>31.12.2017</b>
3	<b>Assistant Professor</b>	<b>B V Raju Institute of Technology, Narsapur, Medak, TS</b>	<b>18.06.2012</b>	<b>28.08.2015</b>

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to
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<b>1</b>	<b>Junior Scientist</b>	<b>CSIR-IMMT Bhubaneswar, Odisha</b>	<b>31.08.2015</b>	<b>15.01.2016</b>
<b>2</b>	<b>SHP Project Testing Engineer</b>	<b>Alternate Hydro Energy Centre (MNRE), Roorkee</b>	<b>29.12.2009</b>	<b>28.12.2010</b>

### III) Industrial Experience:

<b>Sl. No.</b>	<b>Position held</b>	<b>Name of Organization</b>	<b>from</b>	<b>to</b>

### 11. Publications:

#### I) International Journal:

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Name of the journal in which publication has been made</b>	<b>Vol/No.</b>	<b>Publication Year</b>	<b>Pages</b>
<b>1</b>	<b>Application of moving averages for PV power smoothing using battery energy storage system.</b>	<b>International Journal of Management, Technology and Engineering</b>	<b>Volume 8, Issue VII</b>	<b>July 2018</b>	<b>766-772</b>

#### II) International Conference :

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Name of the Conference in which publication has been made</b>	<b>Vol/No.</b>	<b>Publication Year</b>	<b>Pages</b>
<b>1</b>	<b>Contrast Enhancement Of Mammographic Images Using Wavelet Transform</b>	<b>Computer Science and Information Technology (ICCSIT), 2010 3rd IEEE International Conference</b>	<b>Vol, 3</b>	<b>9-11 July 2010</b>	<b>323-327</b>

III) National Journal :

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages

IV) National Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1	<b>Solar Power Smoothing Using Battery Energy Storage System</b>	Science and Engineering Research Board sponsored two day national conference on Control & Automation in Electrical Engineering	---	9-10 May, 2018	----

12. Patents (Filed / Granted)

S. No.	Name of the Inventor	Title of the Invention	Application / Patent No. (As applicable)	Year	Status (Filed / Granted)

13. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Name of Coordinator	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses	No. of Participants

14. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	<b>FDP on wireless and Mobile communications</b>	<b>03-07 Dec. 2018</b>	<b>E&amp;ICT NIT Patna, BIT Sindri</b>
2.	<b>FDP on Advancement and application of soft computing in electrical systems</b>	<b>13-17 July 2018</b>	<b>E&amp;ICT NIT Patna, BIT Sindri</b>
3.	<b>FDP on AI and machine learning</b>	<b>04-08 June</b>	<b>E&amp;ICT NIT Patna, BIT Sindri</b>

		<b>2018</b>	
<b>4.</b>	<b>Workshop on outcome based education and accreditation</b>	<b>16 &amp; 17 March 2018</b>	<b>BIT Sindri</b>
<b>5.</b>	<b>TEQIP Induction Programme</b>	<b>31Jan-04 Feb, 2018</b>	<b>TLC IIT Chennai</b>
<b>6.</b>	<b>Advancements in Multilevel Inverters for AC Drives</b>	<b>2012</b>	<b>B V Raju Institute of Technology, Narsapur</b>
<b>7</b>	<b>Participated in QIP Workshop on Bioelectrical Signals &amp; Fields</b>	<b>2009</b>	<b>IIT Roorkee</b>
<b>8</b>	<b>Organising Committee member of a National System Conference</b>	<b>2008</b>	<b>IIT Roorkee</b>
<b>9</b>	<b>Participated in QIP Workshop on Comprehensive Electrocardiography</b>	<b>2008</b>	<b>IIT Roorkee</b>

15. Administrative Position Held:

S. No.	Position Held	From (date/month/year)
1	<b>Assistant Warden, NIT Jamshedpur</b>	<b>Jan'17 to June'17</b>

16. Award / Recognition Bestowed on Faculty (State / National / International)

**NOS award in 2010 & 2018, MSJ&E, Government of India.**

17. Members of Professional Bodies:

**IACSIT-Member – 80336999**

18. Research Projects:

Principal Investigator (P.I.) for the project entitled “Machine Learning Methods for Image Based Diagnosis of COVID-19”, Under TEQIP-III: Seed Project, BIT Sindri, Dhanbad with Project Id: SG-4. (On-going)