

**Name** : J. Jyothirmai  
**Designation:** Assistant professor  
**Department:** EIE  
**Mail.I.D:** jyothirmai\_j@vnrvjiet.in  
**Experience (in years):** 11+  
**Teaching:** 8+  
**Research:**  
**Others (If any, Specify): Industrial:** 3



### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M.Tech	2012	Embedded Systems
2	B.Tech	2003	EIE

### 2. Teaching and Learning:

- a. Teaching Interests: VLSI Design, Embedded systems and Instrumentation
- b. Novel Teaching & Learning Techniques adopted: POGIL, PPT, Moodles and Videos
- c. Involvement in curriculum updating / Design: Academic plan design

### 3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Reading Books/Novels, Listening to Music, Browsing Internet
- 3.2. CCA/ECA Organized: NIL
- 3.3. CCA/ECA participated: NIL
- 3.4. Counseling and Mentoring Activity: Mentoring 20 students of all four years
- 3.5. Committees involved in:  
Department level:  
Institute Level:

### 4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted

Guest Lectures: 2

4.2 Attended: 2 international conferences/14 workshops/6 seminars/6 Guest lectures

4.3 Attended International conference on T4E at NIT warangal in the month of DEC 2015

4.4 Attended Two-Day National Seminar on “Recent Trends in Laser Technology & Its Applications” during Nov. 29–30 at VNRVJIET, Hyderabad

**5 Academic Contribution and Research & Consultancy:**

5.1 Invited Lectures: 2

1. Prof. Srihari Rao,  
Assoc. professor NIT Warangal
2. Dr. Venkata Srikanth,  
Principal Technical officier, CDACC, Hyd

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: Nil

5.5. Research Interests: Agricultural Sensors, Biomedical image processing and embedded system design

5.6. Ph.D students:

- a) Enrolled:
- b) Submitted:
- c) Awarded

5.7. Papers published in reviewed Journals: 2

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name Vol.No. PP</b>	<b>ISBN/IS SN No.</b>	<b>Impact Factor/ Citation Index</b>	<b>National/ International</b>
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1	An Approach for Detection of Brain Tumor using MRI Images Using LABVIEW	international journal of International Journal of Research and Scientific Innovation (IJSI)	Volume 3, Issue 7, page no: 65-70	2.61	International
2	A Real time tracking and Alerting system using LabView	International journal of advanced research in Electrical, Electronics and Instrumentation Engineering	Volume 5, Issue 4, page no: 3068-3071	2.08	International

5.8. Papers presented at National / International conferences: 02

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Route Map based Locomotive Position Tracking System. The same paper was selected for Elsevier proceedings	ICPVS-2014. Elsevier proceedings with ISBN: 978-93-5107-228-7.	International	28 <sup>th</sup> -29 <sup>th</sup> March 2014
2.	Design and Efficiency comparison of Buck converter using P,PI and PID controllers	ISBN 978-93-5258-110-8	International	2 <sup>nd</sup> -3 <sup>rd</sup> March 2016

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

<b>S.No</b>	<b>Title</b>	<b>Agency</b>	<b>Period</b>	<b>Sanctioned Amount</b>	<b>Ongoing / Completed</b>

**6. Awards / Honors received:**

1. Departmental Appreciation award as wall magazine coordinator for the period during 2012-2015 in GNITS, Hyd
2. As second topper in M.Tech(ES) during 2012 from CVR college of Engineering

**7. Motto:** The most effective way to do it is, to do it

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