PROFILE

Name: Dr.Vidyasagar Kalapala

Designation: Professor

Department: EIE

E-mail ID: vidyasagar_k@vnrvjiet.in

Experience (in years): Teaching:17   Industry: 1 yr   Research: 5 yrs

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD	2017	Instrumentation
2	M.E	2000	Control Systems
3	B. Tech	1997	Instrument Technology

2. Teaching and Learning:

2.1.1. **Teaching Interests:** Industrial Instrumentation, Process Instrumentation, Nano Technology, Advanced Microprocessors and Micro controllers.

2.2. **Novel Teaching & Learning Techniques adopted:** WIT & WIL methodology adoption, Micro Lecture plans Preparation, Subjective information is correlated to the present trends in the industry. NPTEL is used to learn the intensified subjective information.

3. Co-curricular and Extra-Curricular Activities
3.1. Interests and Hobbies:

Implant the Team work to intensify the image of the department
Physical fitness by playing shuttle badminton and added muscle strengthen exercises.

3.4. **Counselling and Mentoring Activity:** Promotion of Customized Counselling Process to the students.

3.5. **Committees involved in:**

4. Conference / Workshop / Seminar / Guest Lectures:
4..1   Conducted:09

4..2   Attended:04

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: 36　　　b) PG: 1

5.5. **Research Interests:**
　　Medical instrumentation, Process Instrumentation, Embedded Applications

5.6. **Ph.D students:** Nil
　　　　a) Enrolled:　　　b) Submitted:　　　c) Awarded:

6. **Awards and honors received:**

Received "**Research Excellence Award 2017**" by (IEAE) Institute for Exploring Advances in Engineering accredited by Euro-American Joint Accreditation Services (EA-JAS).

7. **ACHIEVEMENTS:**

7.1 Designed and developed a model titled "Automatic Railway Gate Control - mini project by Sai Spurthi Institute Of Technology." Telecasted in T.V Channels and is available in youtube.

7.2 Authorized reviewer for "**Springer** International Conference" entitled "International Conference on Intelligent Communication, Control and Devices (ICICCD 2016) Petroleum University, Dehradune.

7.3 Authorized reviewer for "Journal of Engineering Science and Technology", Taylor's university, Malaysia.

7.4 Editorial Board Member for "International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE)" Editorial board member for Institute for exploring advances in Engineering (IEAE)

7.5 National Advisory Board Member for International Conference and Applied Sciences, Engineering, Technology and Management (ICASETM), DRK Institute of Science and Technology,Telangana.

8 **Moto:**

Intensify the Skill levels to justify the position and honor received by the management by imparting Knowledge based research and education

9. 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	Quantitative Analysis of Metastasis Brain Tumor and its Area Estimation in MR Images	International Journal of Computer Applications, Vol.139 (14): pp 40-46, April 2016.	ISSN 0975-8887	0.752	
2	Characterization and area estimation of MR Brain tumor Images	International Journal of Computer Applications, Vol.121 (14): 1-7, July 2015.	ISSN 0975-8887	0.752	
3	Qualitative Analysis of Brain tumor MRI	Discovery analysis, the International Daily journal, Vol. 28(104): 65-71, 2015.	ISSN 2278-5469	1.27	
4.	Noise Curtailment and its Intensification of Brain Tumor MRI Images and its area Estimation Using Segmentation and clustering	International Journal of Advanced Computing, Vol.47 (1): 1457-1462, May 2014.			
5	Brain Tumor Detection and its Area Estimation in MRI Images using pillar K-Means Algorithm	International Journal of Engineering Sciences, Vol.5 (1): March 2014.	ISSN 2230-8504		
6	Anti Collision and Secured Level Crossing System	International Journal of Computer Applications (0975 – 8887) Volume 107 – No 3, December 2014.	ISSN 0975-8887	0.752	
7	Web Based Weather Data Acquisition System	International Journal of Engineering Research & Technology Volume. 4(05), May-2015.	2278-0181	2.97	
8	Rope Climbing Robot	International Journal of Computer Applications	ISSN 0975-	0.752	

		(0975 – 8887) Volume 108 – No 12, December 2014.	8887		
9	Multi Directional Conductive Metal detection Robot Control	International Journal of Computer Applications (0975– 8887) Volume 109 – No. 4, January 2015.	ISSN 0975-8887	0.752	
10	Train tracking and the signaling system using Infrared and Radio Frequency Technology	International Journal of Computer Applications (0975 – 8887) Volume 119 – No.23, June 2015.	ISSN 0975-8887	0.752	
11	RFID- GSM Imparted school Children security system	Communications on Applied Electronics (CAE) Foundation of Computer Science FCS, New York, USA Volume 2 – No.2, June 2015.			
12	An Electronic Security monitoring system using GSM	Communication ", Journal of Academia and Industrial Research (JAIR) Volume 4, Issue 1 June 2015 .			
13	Robot hands movement control using Atmega 328	Journal of Academia and industrial research, Vol. 4(1): 23-26, 2015.	2275-5213		
14	Modernization of fire Quench Robot Communication	Journal of Academia and Industrial Research" Vol. 4(1): 06- 09, June 2015	2275-5213		
15	GUI based Wireless Communication for plant automation	International journal of Computer Applications, Vol. 121(20): 9-12, July 2015.		0.752	
16	RFID-GSM Autonomous car washing system	International journal of Computer Applications, Vol. 121(2): 30-33, July 2015.	ISSN 0975-8887	0.752	
17	Echo friendly environment with RFID Communication Imparted waste Collecting Robot	Journal of Academia and industrial research, Vol. 4(2): July 2015.	2275-5213		

18	Android Phone enabled Home automation	Journal of academia and Industrial research, Vol. 4(2): July 2015.	2275-5213		
19	Landmine detection robot using radio frequency Communication	Journal of Academia and Industrial research, Vol. 4(2): July 2015.	2275-5213		
20	MEMS based wheel chair for Physically challenges persons	Communications on Applied Electronics (CAE), Vol.2 (4): July 2015.			
21	An Improved GUI based Voice Identification with Applied RASTA-PLP	International Journal of Technology and science, Vol.6(1): 1-3, 2015.			
22	Characterization of Doubled Walled Carbon Nanotubes using Finite Element Method	International Journal of Computer Applications, Vol. 132(3): 17-21, December 2015	ISSN 0975-8887	0.752	
23	Characterization of Single walled Nonotube using finite Element Method	International Journal of Technology and science, Vol.7 (1): 10-14, 2015.			
24	Public Road Transport Guiding System using Arduino Microcontroller	International Journal of Computer Applications, Vol. 132 (3): 12-16, December 2015.	ISSN 0975-8887	0.752	
25	Remote Vehicle Supervise and Control using Global System for Mobile Communication	International Journal of Engineering Research & Technology, Volume 4(11): November-2015.			

Declaration

Dr.Vidyasagar.K