

## FACULTY PROFILE

1. **Name** : VEJENDLA SWATHI
2. **Designation** : Assistant Professor
3. **Department** : Electronics and Communication Engineering
4. **Date of Joining** : 23-06-2014
5. **Nature of Employment** : Regular
6. **Date of Birth** : 24-08-1988
7. **Unique ID (AICTE FID)**: 1-2388249993
8. **Email** : swathi.vejendla@gmail.com
9. **Phone** : 8142610700
10. **Address for communication:** W/O Madala Vimal Prasad  
Flat No:501, Naresh towers  
Santhinagar Road No:13  
Eluru, West Godavari(D.T)



### 11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.					
PG	Gudlavalleru Engineering College	JNTU Kakinada	Embedded Systems	2013	First class with distinction
UG	Malineni Lakshmaiah Engineering college	JNTU Kakinada	ECE	2009	First class with distinction
Inter/Diploma	Viveka Womens college	Board of Intermediate education	M.P.C	2005	First class
SSC	Z.P.H School, Kolakaluru	Board of Secondary education		2003	First class

### 12. Work Experience:

**Teaching: 8**

**Research: 0**

**Industry: 0**

**Total: 8**

Name of the Organization	Designation	Date From	Date To
Sir C R Reddy Engineering college	Assistant Professor	23-06-2014	Till date
Narsaraopeta Institute of Technology	Assistant Professor	19-11-2012	30-04-2014

### 13. Courses taught:

S.No.	Name of the subject	UG/PG
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1	Pulse and Digital Circuits Linear ICs and its Applications Electronics-1 Analog Electronic Circuits Computer Networks Network Theory Cellular and Mobile Communications Random variables and Stochastic process Programming for Problem solving using C	UG
2	Computer Aided Design for VLSI Digital Design using HDL	PG

#### 14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1	Student Counsellor	Department level
2	Performing Anti ragging duty	College level
3	NBA Criterion-1 member	Department level
4	IETE staff member	Department level

#### 15. Research Guidance: Nil

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing

#### 16. Research Publications in Journals (National/International):

S. No.	Author(s) Name	Title of the Paper	Name of the Journal	National/ International	Month & Year	Volume, Issue No, Page Nos	UGC/ Web of Sciences/ Scopus/ SCI/Others
1	Dr.M.Kamaraju, V.Swathi	A Novel Implementation of Electrical Appliances controller using FPGA	International journal of Computer science and technology	International Journal	July-Sept 2012	Vol-3, Issue-4 P- No:815-817	Others

2	V.Swathi, Dr.M.Kamaraju	FPGA Implement ation of Intelligent Embedded system for distributed Electrical appliances	International journal of Computers and Technology	International Journal	Aug- 2012	Vol- 3,Issue-2 P- No:113- 116	Others
3	K.Radha,V.Swat hi,V.Haripriya,M .Anirudh	Implement ation of low power adders and parity circuits using Gate Diffusion Input technique	International journal of management, Technology and Engineering	International Journal	June 2019	Vol-9, Issue-6, P- No:3766 -3780	UGC

### 17. Research Papers in Conferences (National/International):

S. No.	Author(s) Name	Title of the Paper	Name of the Conference/ Journal	National/ International	Month & Year	Page Nos
1	V.Swathi,G.Pujit ha,G.D.S.Sravani ,G.V.Bhanu Prakash,S.Gopin adh,G.Naga babu	Plant Disease Detection using Machine Learning	National Conference on Artificial Intelligence and Machine Learning	National	16-17 July,2021	36
2	V.Swathi,T.Som eswararao,A.Pras anna,L.Bhagya Lakshmi	Fault detection method in NoC Routers	Conference	International	26-27 April,2019	155- 159
3	M.Kamaraju,M. Alekhya,V.Swat hi,N.Sambamurt hy,P.Pavan,K.Kir anmayi	Intelligent Embedded systemfor distributed Electrical appliances	IEEE International Conference on Electronics Design, Systems & Applications	International	3-4 December,2011	127- 130

### 18. No of Books Published: Nil

S.No.	Author(s)	Title	Publisher	ISBN	Year of
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	Name				Publishing

**19. Workshops/ FDPs/STTPs /etc., (Organised): Nil**

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To

**20. Workshops/ FDPs/STTPs/ etc., (Attended):**

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	Research Trends in Signal Processing, Antennae, VLSI&IoT - FDP	Sri Vasavi Engineering College(Autonomous ) Tadepalligudem	28/05/20	30/05/2020
2	Trends in communication- FDP	Dept.ofECE,Sir CRR COE	26/05/20	30/05/20
3	IOT with Artificial Intelligence- FDP	Dept.ofECE,Sir CRR COE	27/05/20	29/05/20
4	Tools for online classroom post covid-19- FDP	P.B.SC of Arts & Science and Computer society of India	18/05/20	20/5/20
5	Introduction to Data Science- FDP	Guntur Engineering College	18/05/20	22/5/20
6	Bio-Medical Signal Processing and Applications- FDP	Dept.ofECE,Sir CRR COE	01-11-2019	14-11-2020
7	AI for Everyone	Deep Learning	Coursera online course	22/05/2020
8	Getting Started with AWS Machine Learning	Amazon Web Services(Blaine Sundrud)	Coursera online course	22/05/2020
9	Introduction to the Internet of Things and Embedded Systems	University of California, Irvine	Coursera online course	23/05/2020
10	Webinar on Deep learning in Biomedical Image Data Analysis	GMR Institute of Technology,Rajam	One day	03-07-2020
11	Webinar on Launching Nanosatellite	GMR Institute of Technology,Rajam	One day	18-06-2020
12	Webinar on Industry 4.0	DNR college of Engineering and Technology	One day	12-06-2020
13	Webinar on Analog VLSI Design	Gokaraju Rangaraju	One day	07-06-2020

	flow	Institute of Technology, Hyderabad		
14	MEMS Based Sensors for Chemical & Biochemical Sensing Applications	Sri Vasavi Engineering college, Tadepalligudem	One day	15-06-2020
15	Integrated Circuits, MOSFETS, ICs and their Applications(NPTEL)	IISC Bangalore	27/01/2020	13/04/2020
16	Problem solving using C and Data Structures- FDP	Dept.of IT, Sir CRR COE	11/11/2019	16/11/2019
17	Introduction to Research(NPTEL)	Prof. Andrew Thangaraj, IIT Madras	25/02/2019	19/04/2019
18	SPACE DYNAMICS (NWSA) - Workshop	Sir.C.R.Reddy College (Aided & Autonomous)	4/10/2017	6/10/2017
19	3D modeling of Electromagnetic systems using ANSYS RF-Tools - Workshop	Dept.ofECE,Sir CRR COE	09/09/2016	10/09/2016
20	Challenges in FPGA based digital system design - FDP	Sri Vishnu college for women, Bhimavaram	06/06/2011	18/06/2011
21	Teacher Training workshop	KL University, Vaddeswaram	12/07/2010	17/07/2010

#### 21. Sponsored Projects: Nil

S.No.	Title	Sponsored by	Amount	Period	Ongoing/ Completed

#### 22. Consultancy Projects: Nil

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed

#### 23. No of Patents (Filed/Granted): Nil

S.No.	Title	Application Number	Year	Filed/Granted

#### 24. Awards/HonoursReceived: Nil

S.No.	Award Name	Awarded by	Contribution	Date Received

**25. Professional Memberships:**

S.No.	Name of the Professional Body	Membership No.	Membership Type
1	AMIETE	AM-500653	Associate member

**26. Membership in BOS/ Editorial Boards: Nil**

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period

**27. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):Nil**

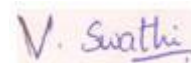
**28. Details of Innovative Design/ Development of Product or Model (if any):Nil**

**29. Technology Transfer: Nil**

**30. Special Achievements (If any):Nil**

**31. Personal Details:**

- (a) Father's Name : VejendlaKoteswararao  
(b) Mother's Name :VejendlaBhulakshmi  
(c) Gender : Female  
(d) Marital Status : Married  
(e) Religion : Hindu  
(f) Nationality : Indian



Signature