

FACULTY PROFILE

1. **Name** : Vadlamudi Vamsi Sudheera
2. **Designation** : Assistant Professor
3. **Department** : ECE
4. **Date of Joining** : 24/10/2011
5. **Nature of Employment:** Regular
6. **Date of Birth** : 28/08/1988
7. **Unique ID (AICTE FID)** : 1-718038359
8. **Email** : sudheera.vadlamudi95@gmail.com
9. **Phone** : 8500129488
10. **Address for communication:** H.No:54/B, D.No:24A-17-5, Ramaraj bhushan street, Ashok Nagar, Eluru -534002



11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	GITAM	GITAM, Visakhapatnam	Signal Processing	Registered in 2018	
PG	Sir C R Reddy College of Engineering	ANDHRA UNIVERSITY, Visakhapatnam	Communication Systems	2012	First Class with Distinction
UG	Sir C R Reddy College of Engineering	ANDHRA UNIVERSITY, Visakhapatnam	Electronics & Communication Engineering	2009	First Class with Distinction
Inter/Diploma	Sir C R Reddy Polytechnic	State Board of Technical Education & Training, AP	Electronics & Communication Engineering	2006	First Class with Distinction
SSC	KPR & JL Siddhartha EM & TM High School	Board of Secondary Education, AP	-	2003	First Class

12. Work Experience:

Teaching: 9 years 11 months
Total: 9 years 11 months

Research:

Industry:

Name of the Organization	Designation	Date From	Date To
Sir C R Reddy College of Engineering, Eluru	Assistant Professor	24/10/2011	Till date

13. Courses taught:

S.No.	Name of the subject	UG/PG
1.	Digital Signal Processing	UG
2.	Signals and Systems	UG
3.	Analog Communications	UG
4.	Data Communications	UG

5.	Computer Networks	UG
6.	Probability Theory and Random Processors	UG
7.	Advanced Digital Signal Processing	PG
8.	Wavelet Transforms and Applications	PG

14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1.	NBA Criteria III Coordinator	Department Level
2.	Alumini Coordinator	Department Level
3.	ISF (IETE student forum)Staff Coordinator	Department Level
4.	Attendance Incharge	Department Level

15. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
3	-	-	-

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	S. Rupa Sri V.Vamsi Sudheera	An Efficient low Complexity channel Estimation Technique for Polar Codes in Wireless 5G	International Journal of Research	International	May 2018-19	Impact factor: 2.593 Vol.No:VIII, Issue:V (ISSN:2236-6124)	UGC
2	K.V.Ratna Prabha V.Vamsi Sudheera N.Lavanya	Unified Approach to identification and analysis of Noise in speech processing system	JARDCS(Journal for Advanced Research in Dynamical & Control Systems)	International	April 2018-19	02:Special Issue, (ISSN:1943-023X) Pg:1439-1445	Scopus SJR(0.11)
3	T.Tejaswini, V.Vamsi Sudheera, K.V.R.Chowdary	Noise Cancellation in Underwater Communication using Adaptive Filters	GJTE (Global Journal of Trends in Engineering)	International	Apr 2015	Impact factor: 1.33 Vol. 2, Issue -04 (ISSN: 2393-9923,)	UGC
4	T.Tejaswini, V.VamsiSudheera K.V.R.Chowdary	Removal of Different Noises in Underwater Communication	IJERT(International Journal of Engineering Research and Technology)	International	Mar 2015	Impact factor: 1.76 Vol. 3, issue -04 (ISSN: 2278-0181)	UGC
5	A.Navya Lakshmi, V.Vamsi Sudheera	An High Equipped SC FDMA Communication Model Based On Advanced Wavelet Mechanism For Wireless Systems	IJECS (International Journal of Engineering Computer Sciences)	International	Mar 2015	Impact factor: 4.309 Volume 4 Issue 3 (ISSN:2319-7242)	UGC
6	P. Leela Anusha, M.NarendraKumar,	OFDM Channel Assignment for	IJSETR (International Journal)	International	Sept 2014	Impact factor: 4.162 Vol.03,Issue.24	UGC

	V. Vamsi Sudheera	Interference Reduction using Rayleigh Fading In Cellular Communication System	for Science Engineering Technology and Research)			(ISSN 2319-8885)	
7	K. Anitha, Dr P.RajeshKumar, V. Vamsi Sudheera, M. Narendra Kumar	High accuracy TOF measurement using DSP techniques for Mobile Robots	IJECT(International Journal for Electronics and Communication Technology)	International	Mar 2014	Impact factor: 3.81 Vol. 5, issue –SP-3 (ISSN: 2230-7109(online) ISSN: 2230-9543(print))	UGC
8	V. VamsiSudheera, K. Anitha, DrP.RajeshKumar K.Soujanya	Development of Hardware and Software for obstacle detection and distance estimation in Mobile Robots.	IJCSIET(International Journal for computer Science Information Engg. and Technologies)	International	Apr 2012	Impact factor: 2.52 Vol:1, issue:2 (ISSN: 2277-4408)	UGC
9	K. Anitha, Dr P.RajeshKumar V. Vamsi Sudheera, M. Narendra Kumar	Time-of-Flight Measurement for Ultrasonic Sensors using Digital Signal Processing Technique	IJECT(International Journal for Electronics and Communication Technology)	International	Nov 2011	Impact factor: 3.81 Vol. 2, SP-1.(ISSN: 2230-7109 (online) (ISSN:2230-9543 (print)).	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.Vamsi Sudheera P. Balaram M. Sai Sivani	Emotion Recognition through Speech Signal	NCAIM-2021 (2 nd National Conference on AI and ML)	National	16/07/2021 To 17/07/2021	31
2.	V. Vamsi Sudheera N.Thusharavinda P.Pavan Kumar	Driver Drowsiness Detection for safe driving using Image Processing	NCAIM-2021 (2 nd National Conference on AI and ML)	National	16/07/2021 To 17/07/2021	33
3.	S. Rupa Sri V.Vamsi Sudheera	Improved BSC and Systematic polar code channel estimation in wireless 5G	ICACT-2019 (International conference on Advanced Communication Technologies)	International	26/04/2019 To 27/04/2019	246-252
4.	V. Vamsi Sudheera V. Ramya V. Praveen Kumar N. Deepthi	Detection of targets up to maximum unambiguous range using FMCW RADAR	ICACT-2019 (International conference on Advanced Communication Technologies)	International	26/04/2019 To 27/04/2019	271-276
5.	T.Tejaswini, V.Vamsi Sudheera, K.V.R.Chowdary	Noise cancellation in underwater communications using adaptive filters	Advanced Communications, VLSI and signal processing	International	26/04/2015 To 27/04/2015	
6.	K. Anitha, V.VamsiSudheera, A.Navya Lakshmi, T.Tejaswi	A Robust Ultrasonic Distance Measurement System with Discrete Extended Kalman Filter	IEEE-EESCO-2015 (IEEE International Conference: Electrical, Electronics, Signals & Communication Optimization)	International	24/01/2015 To 25/01/2015	
7.	V.VamsiSudheera, A.Navya Lakshmi,	Wavelet based SC-FDMA systems	IEEE-EESCO-2015 (IEEE International Conference: Electrical,	International	24/01/2015 To 25/01/2015	

			Electronics, Signals, Communication & Optimization)			
8.	K. Anitha, Dr P. RajeshKumar, V. Vamsi Sudheera, M. Narendra Kumar	High accuracy TOF measurement using DSP techniques for Mobile Robots	NCRRECE-2014 (National Conference on Research Issues and Recent Trends in Electronics and Communication Engineering)	International	24/02/2014 To 25/02/2014	
9.	K. Anitha, Dr P. RajeshKumar, V. Vamsi Sudheera, M. Narendra Kumar	Development of Hardware and Software for obstacle detection and distance estimation in Mobile Robots	IEEE-ACNCN(IEEE technically Co sponsored conference on Advances in Communication, Navigation, and Computer Networks)	International	17/03/2012 To 18/03/2012	
10.	K. Anitha, Dr P. Rajesh Kumar, V. Vamsi Sudheera, M Narendra Kumar	Digital TOF measurement for Ultrasonic sensor using cross correlation estimation	Raise'12	National	04/01/2012 To 05/01/2012	106
11.	K. Anitha, Dr P.RajeshKumar, V.VamsiSudheera, M.NarendraKumar	TOF measurement for Ultrasonic Sensor using DSP techniques	ICACCBIE (International conference on Advances in Computer Science, Communication & Bio-Instrumentation Engineering)	International	08/12/2011 To 09/12/2011	
12.						

18. No of Books Published:

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

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1.	CV with Python (3 day workshop and 24 hours Hackathon)	Sir C R Reddy College of Engineering,Eluru	11-08-2019	14-08-2019
2.	Data Analytics with Python	Sir C R Reddy College of Engineering,Eluru	28-08-2019	31-08-2019
3.	Signal and Image Processing Applications using MATLAB	Sir C R Reddy College of Engineering,Eluru	27-12-2017	28-12-2017
4.	Scilab Fundamentals	Sir C R Reddy College of Engineering,Eluru	23-10-2017	25-10-2017

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1.	Recent Trends in Communication, VLSI and Embedded Systems	Sir C R Reddy College of Engineering	27-07-21	31-07-21
2.	Web development With Python	Bootcamp- Codegnan IT Solutions(Virtual)	27-07-20	06-08-20

3.	Workshop on “Working on Aurdino UNO/ Rasberry PI & Interfacing with LabVIEW”	Research and Development Department,TechFLUENT Solutions Pvt. Ltd. Hyderabad. (Virtual)	04-06-20	07-06-20
4.	FDP on “Advanced Sensor and its Applications”	Lakireddy Balireddy College of Engineering(Virtual)	01-05-20	03-05-20
5.	FDP on “Online Teaching Tools for Video Lecturing and Digital e-learning”	Sir C R Reddy Autonomous College. (Virtual)	04-05-20	08-05-20
6.	FDP on "OBE-NBA Process"	Narsaraoprt Engineering College(Virtual)	15-05-20	19-05-20
7.	FDP on “ Tools for Online Classroom Post Covid-19”	P.B.Siddhartha College of Science and Arts & Codegnan IT Solutions (Virtual)	18-05-20	20-05-20
8.	FDP on “Introduction to Data Science”	Guntur Engineering College& Codegnan IT Solutions (Virtual)	18-05-20	22-05-20
9.	FDP on“IOT with Artificial Intelligence”	Sir C R Reddy College of Engineering (Virtual)	27-05-20	29-05-20
10.	FDP on “Trends in Communication”	Sir C R Reddy College of Engineering (Virtual)	26-05-20	30-05-20
11.	FDP on “Artificial Intelligence”	Sir C R Reddy College of Engineering (Virtual)	22-05-20	26-05-20
12.	Certification Program on "Python for Machine Learning"	E&ICT –IIT Roorkee (Virtual)	19-04-20	30-05-20
13.	The Joy of Computing using Python	NPTEL Online Certification-IIT Madras	01-01-20	30-04-20
14.	Introduction to Internet of Things and Embedded Systems	Coursera(Virtual)	29-03-20	29-04-20
15.	Programming for Everybody (Getting Started with Python)	Coursera(Virtual)	30-03-20	30-04-20
16.	AICTE sponsored Two week FDP on “Bio-Medical Signal Processing and its Applications”	Sir C R Reddy College of Engineering	01-11-19	14-11-19
17.	Discrete Time Signal Processing	NPTEL Online Certification-IIT Kharagpur	01-08-18	30-11-18
18.	Introduction to Research	NPTEL Online Certification--IIT Madras	01-08-18	30-11-18
19.	Training Program on“ MEMS design using Intellisuite”	GITAM, Vishakapatnam	9-11-18	10-11-18
20.	Workshop on “Space Dynamics”	Sir C R Reddy Autonomous College	04-10-17	06-10-17
21.	Networks and Systems	NPTEL Online Certification--IIT Madras	01-08-17	30-10-17
22.	Training Program on“Instructional Design and Delivery System”	NITTTR,Sir. C R REDDY College of Engineering	04-12-17	09-12-17
23.	FDP on “Communication Technologies and Applications”	E&ICT, NIT Warangal	22-06-16	02-07-16
24.	FDP on“3D Modelling of Electromagnetic Systems using ANSYS RF-Tools”	Dept. of ECE, Sir C R Reddy College of Engineering	09-11-16	10-11-16
25.	Two week Program on“Signals & Systems”	National Mission on Education through ICT (MHRD, IIT Kharagpur)(Conducted at GVIT Bhimavaram)	02/01/14	12/01/14
26.	Two day workshop -MATLAB Applications	GITAM University, Hyderabad	21-09-12	22-09-12
27.	One day workshop- TI- Digital signal Processors and their applications	Shri Vishnu Engineering College for Women	10-02-11	-

21. Sponsored Projects:

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

22. Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed
-	-	-	-	-	-

23. No of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted
-	-	-	-	-

24. Awards/HonoursReceived:

S.No.	Award Name	Awarded by	Contribution	Date Received
-	-	-	-	-

25. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1.	IETE	AM500610	Associate Member
2.	The Institute of Engineers	AM163848-6	AMIE

26. Membership in BOS/ Editorial Boards:

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

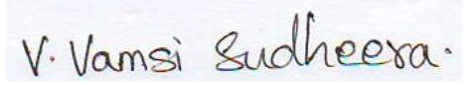
29. Technology Transfer: Nil

30. Special Achievements (If any):

1. Received Gold Medal for Academic Excellence in M.Tech
2. Received Silver Medal for Academic Excellence in Diploma

31. Personal Details:

(a) Father's Name : V Satyanarayana
(b) Mother's Name : V Renukeswaramma
(c) Gender : Female
(d) Marital Status : Married
(e) Religion : Hindu
(f) Nationality : Indian

A handwritten signature in black ink on a light blue background. The signature reads "V. Vamsi Sudheera." with a period at the end. The letters are written in a cursive style.

Signature