

## FACULTY PROFILE

1. **Name** : HUNDI SUDHAKAR
2. **Designation** : Assistant Professor
3. **Department** : ECE
4. **Date of Joining** : 17-07-2007
5. **Nature of Employment** : Regular
6. **Date of Birth** : 29-06-1979
7. **Unique ID (AICTE FID)** : 1-433886979
  1. **Email** : h.sudhahundi@gmail.com
  2. **Phone** : 9985939669
  3. **Address for communication:** C/o G. Srinivasa Prasad, H. No: 4-132,



Opp: Manga Narsinghome, Satrampadu, Eluru-  
534007.

### 8. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	Andhra University (Registered in April – 2018)	Instrument Technology, AU, Visakhapatnam.	BNNT	--	--
PG	Punjab Technical University, Jalandhar.	SLIET, Longowal.	ICE	2005	First
UG	Andhra university, Visakhapatnam.	Sir C. R. Reddy College Of Engineering, Eluru.	EIE	2001	First
Inter/Diploma	Inter Board, Hyderabad.	Ideal Junior College, Kakinada.	MPC	1996	Second
SSC	SSC Board, Hyderabad.	Nehru convent high school, Kakinada.	SSC	1994	First

### 9. Work Experience:

**Teaching:** 14Y    **Research:**                      **Industry:**                      **Total:**

Name of the Organization	Designation	Date From	Date To
M. L. E. College, Singaraykonda	Assistant Professor	Sept 2005	May 2006
SIR C R Reddy College of Engg, Eluru	Assistant Professor	17 July 2007	Till date

### 13. Courses taught:

S.No.	Name of the subject	UG/PG
1	BMI	UG
2	VHDL	UG
3	ICT	UG

4	MPI	UG
5	SS	UG
6	EMI	UG
7	LIC	UG
8	PDC	UG
9	CS	UG
10	WTA	PG
11	ADSP	PG
12	DET	PG
13	SCT	PG

#### 14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1	Department ALUMNI member	Department Level
2	Department Website member.	Department Level

#### 15. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
04	NIL	NA	NA

#### 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	Ch. Madhava Rao, H. Sudhakar	Design of Data Link Layer using Wi-Fi MAC Protocols	IJCST	International	Dec-2011	Vol : 2 Issue . 1	
2	P. Ratankishore, H. Sudhakar	A reconfigurable area and time optimized FPGA using APC and OMS algorithms	IJSETR	International	April 2015	Vol : 4 Issue . 10	
3	Th. Mahesh Babu, H. Sudhakar	Design and Implementation of Communication Systems using Pulse Generator Techniques	IJRECE	International	June-2016	Vol : 4 Issue . 3	
4	Th. Mahesh Babu, H. Sudhakar	An Optimization of A Communication System Using Pulse Triggering Method	IJARSE	International	Sept-2016	Vol : 5 Issue . 9	

5	P. Gopi Krishna, H. Sudhakar	Implementation of bidirectional bluefi-in IOT environment using MQTT protocol	IJSSIS	International	Proceedings in march-2017-18		
6	V. Lakshma Reddy, H. Sudhakar	Realization of redundant binary multiplier with modified partial product generator using verilog	IJSRCSEIT	International	Dec 2017-18	Vol : 2 Issue . 6	
7	P. V. Sridevi I. Hemalatha	Autofocus in SAR imaging by using a specially designed polynomial with DW coefficients and phase gradient method	International Journal of Pure and Applied Mathematics(scopus)	international	2017-2018	119 14 1495-1499	<b>Scopus</b>
8	I. Hemalatha P. V. Sridevi H.Sudhakar P.Ramya	Analogy of Speed Estimation of Moving Algorithms in SAR Imaging	ICACT-2019 (ICACT19EC81)	International	April -26th & 27th		
9	Hs, dr rambabu	the effect of high voltage impulses on pvc-graphite polymer thick film resistors	elsevier science direct, materials today proceedings	International	2018-19	20321-20325	
10	Hsudhakar m. Sai sri mounica	novel low complexity based dynamic query compressive sensing in wireless sensor networks	international journal of research	International	2019-20	8 (6), 3815-3822	

### 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	Ch. Madhavrao, H. Sudhakar	Design of Data Link Layer using Wi-Fi MAC Protocols	IJCST	International	Dec- 2011	
2	P. Ratankishore, H. Sudhakar	A reconfigurable area and time optimized FPGA using APC and OMS algorithms	IJSETR	International	April 2015	
3	Th. Mahesh Babu, H. Sudhakar	Design and Implementation of	IJRECE	International	June-2016	

		Communication Systems using Pulse Generator Techniques				
4	Th. Mahesh Babu, H. Sudhakar	An Optimization of A Communication System Using Pulse Triggering Method	IJARSE	International	Sept- 2016	
5	P. Ramya I. Hemalatha, P. V. Sridevi, H. Sudhakar	Analogy of Speed Estimation of Moving target Algorithms in SAR Imaging”,	<b>Conference</b> journal of advanced research in dynamical and control systems”	<b>National</b>	2019/4	
5	V. Lakshma Reddy, H. Sudhakar	Realization of redundant binary multiplier with modified partial product generator using verilog.	IJSRCSEIT	International	Dec-2017	
6	S. S. Mounica, H. Sudhakar	An Efficient and Dynamic Query Compressive Wireless Sensing Networks	ICACT-2019 Proceedings (ICACTBE110)	International	2018-19 April -26 <sup>th</sup> & 27 <sup>th</sup>	
7	H. Sudhakar, Dr A. Daisy Rani	Boron Nitride Nanotubes and Their Applications-A short Review	ICACT-2019 Proceedings (ICACTBE143)	International	2018-19 April - 26 <sup>th</sup> & 27 <sup>th</sup>	
8						

**18. No of Books Published:**

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

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

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

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

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

1.	Industrial Automation	SIRCRRCOE, Eluru.	09-02-2009	10-02-2009
2.	HITECH AUTOMATION	SIRCRRCOE, Eluru.	01-03-2015	
3.	MATLAB for Engineering Applications	SIRCRRCOE, Eluru.	19-08-2016	20-08-2016
4.	3D- Modeling of EM systems using ANSYS RF - TOOLS	SIRCRRCOE, Eluru.	09-09- 2016	10-09-2016
5.	Introduction to Embedded systems	SIRCRRCOE, Eluru.		
6.	Signal and Image processing on MATLAB	SIRCRRCOE, Eluru.	27-12- 2017	28-12- 2017
7.	WORK SHOP ON “Familiarization on Nanofabrication Technologies”	CENSE, IISC, BANGALORE	10-09-2018	12-09-2018
8.	WORK SHOP ON “Smart Sensors”	INSTRUMENT TECHNOLOGY, ANDHRA UNIVERSITY.	21-03-2019	23-03-2019

### 21. Sponsored Projects:

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

### 22. Consultancy Projects:

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

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

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

### 24. Awards/Honours Received:

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

### 25. Professional Memberships:

<b>S.No.</b>	<b>Name of the Professional Body</b>	<b>Membership No.</b>	<b>Membership Type</b>
1	Memberships IETE	M-500573	Life Time
2	Member of Institute of Engineers	M-153777	Life Time

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

<b>S.No.</b>	<b>Name of the University/ Journal</b>	<b>Member/ Editor/ Reviewer</b>	<b>Period</b>
	--- Nil ----		

**27. Details of Personal Blogs/ Educational You tube 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. Attended Work shop on “Familiarization on Nanofabrication Technologies” at IISC BANGALORE.
2. Ratified as Assistant Professor from JNT University, Kakinada.

**31. Personal Details:**

- |                    |   |                      |
|--------------------|---|----------------------|
| (a) Father’s Name  | : | Hundi Padmanabha Rao |
| (b) Mother’s Name  | : | H J R Padmavathi     |
| (c) Gender         | : | Male                 |
| (d) Marital Status | : | Married              |
| (e) Religion       | : | Hindu                |
| (f) Nationality    | : | Indian               |

Signature