

FACULTY PROFILE

1. **Name** :KARAM. LAKSHMI NARAYANA
2. **Designation** : Sr.Assistant Professor
3. **Department** :ECE
4. **Date of Joining** :16-11-2005
5. **Nature of Employment:**Regular
6. **Date of Birth** : 08-10-1973
7. **Unique ID (AICTE FID)** : 1-433735737
8. **Email** : klnpaul1973@gmail.com
9. **Phone** 9618254687
10. **Address for communication:**



FLAT No: 4C, SRI RAJ RESIDENCY, Near Ashoka pillar, Ashokanagar, Eluru-534002,
W.G.Dist

11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	A.U. College of Engg. Visakhapatnam	A.U	Wireless and Mobile Communications	pursuing	--
PG	JNT University, Ananthapur	JNTUA	Digital systems & Computer Electronics	2004	First Class
UG	MVSR Engineering college , Hyderabad	O.U	ECE	1998	Second Class
Diploma	GMR Polytechnic college , Gajwel	SBTET Hyderabad, AP	DECE	1994	Second Class
SSC	AP Residential School, Kinnerasani	Board of Secondary Education	-	1990	First Class

12. Work Experience:

Teaching: 20Y Research: Industry: 1 Total:21Yrs

Name of the Organization	Designation	Date From	Date To
HAL, Hyderabad Division	GETs	18-7-1999	17-7-2000
Mona college of Engineering, Nalgonda	Lecturer	02-09-2002	15-11-2005
Sir C.R.Reddy College of Engineering, Eluru	Assistant professor	16-11-2005	15-11-2010
Sir C.R.Reddy College of Engineering, Eluru	Sr.Assistant professor	15-11-2010	Till date

13. Courses taught:

S.No.	Name of the subject	UG/PG
1	Fiber Optic Communications (AU)	UG
2	Radar Engineering And Navigational Aids(AU)	UG
3	Microwave Engineering(A.U & JNTU)	UG
4	Digital Communications(AU)	UG
5	Linear IC Applications(A.U)	UG
6	Pulse and Digital Circuits(A.U)	UG
8	Data Communications(A.U)	UG
9	Television and Satellite communications (A.U)	UG
10	Satellite Communications(JNTU)	UG
11	Optical Communications (JNTU)	UG
12	Global Positioning Systems (A.U)	P.G
13	Optical Fiber Communications(A.U)	P.G

14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1	Admissions Team Member	College Level
2	Anti Ragging Committee Incharge	Department Level
3	IETE Staff Coordinator	Department Level
4	Time Table Incharge	Department Level
5	Industrial Tours In charge	Department Level
6	NBA Criterion In charge	Department Level
7	Zerox Machine In Charge	Department Level

15. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
10	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 Science / Scopus / SCI/Others
1	K.Lakshminarayana,	An Efficient and Reliable Fingerprint Matching Authentication by FFT	IJSETR (International Journal of Engineering, Technology, Science and Research)	International	2015	Vol:04, Issue:10 P4422-3 ISSN No:2319-8885	Others
2	K.Lakshminarayana,	A Novel Hybrid Precoding Tech	JARDCS (Journal of Advanced	International	2018-19	Vol 11, 02- Special Issue, 2019	Scopus

	Dr.P.RajeshKumar, Dr. K. M. Krishna, M. Lavanya	nique for Spectrum and Energy Efficient Relay's used in Millimeter Wave Massive MIMO Systems	Research in Dynamical and Control Systems)				
3	K.Lakshminarayan a, Dr.P.RajeshKumar, Dr. R. Satish	A new segmentation method for non- ideal iris images using morphological reconstruction FCM based on improved DSA	SN Applied Scoences A Springer Nature journal	Inernational	2020-21		SCI
4	K.Lakshminarayan a,	A Combined Approach for Biometric Systems in Applications	IJSETR (International Journal of Engineering, Technology, Science and Research)	International	2015	Vol:04,Issue:10 P4423-3 ISSN No:2319- 8885	Others
5	K.Lakshminarayan a, P. Maria Dasu	Brain Tamer Diagnosis Based on Lasso Classifier	IJETT (International Journal on Emerging Trends in Technology)	International	2014	Vol:15,Issue:08 P4423-3 ISSN No:2231- 5381	Others
6	K.Lakshminarayan a, Vinaykumar	Implementation of an Adaptive Frame Work based Super resolution Under Inaccurate Motion Registration	IJSETR (International Journal of Engineering, Technology, Science and Research)	International	Apr 2013	Vol:02,Issue:17 P492-2	Others
7	K.Lakshminarayan a, M.N. VenkateshBabu	Implementation of the Modernizes GPS Signals L2C,L5 And Their Tracking Strategies.	IJSRA (International Journal of Science and Research Archive)	International	2022	Vol:2,Issue:4 P4423-3	Others
8	K.LakshmiNarayan a, G. Pragna	Quantized Massive MU- MIMO OFDM Uplink using Combiners	IJR(International Journal of Research)	International	2017-18	Vol:4,Issue:14	Others
9	K.LakshmiNarayan a, M.SivaJyothi	Resource Allocation for Improved Energy Efficiency in MIMO-OFDM Wireless Systems	IJR(International Journal of Research)	International	2017-18	Vol:4,Issue:14	Others

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	K. Lakshmi Narayana	Adoptive subspace code book for channel feedback in aFDD massive MIMO system	ICACT-2019	International	2019	86
1	K. Lakshmi Narayana, Dr P. RajeshKumar, DrK.Murali Krishna, DrV.Adinarayana	Performance comparison of compressive sparse channel Estimation & Feedback in 5G for hyper MIMO systems	IEEE International conf. on Circuits & Systems, IEEE Explore	International	20-21 Dec. 2017	
2	K. Lakshmi Narayana	CBIR using Dominant color and Texture Feature of an Image		International	08-06-2013	

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
1	A 5day Faculty Development programme on Trends in Communications.	Sir CRR College of Engineering, Eluru.	26 th May Oct 2020	30 th May 2020

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	Advances in Signal Processing	A.U College Engg.(A),AU,	30-08-2013	31-08-2013
2	Math lab For Engineering Applications	Sir CRR College of Engineering ELURU	19-08-2016	20-08-2016
3	PLC Programming and Applications	Sir CRR College of Engg.,Eluru	01-03-2015	01-03-2015

4	Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks	IIT-KANPUR	03-01-2019	06-01-2019
5	Inculcating Universal Human Values in Technical education	AICTE.	28-06-2021	02-07-2021
6	NAAC Accreditation	ESCI-Hyderabad	03-06-2021	04-06-2021
7	Research Trends in Signal Processing, Antennas, VLSI & Embedded Systems	Sir CRR College of Engineering ELURU	27-07-2021	31-07-2021
8	Artificial Intelligence and Applications	Ramachandra College of Engineering, ELURU	25-05-2020	30-05-2020
9	Bio Medical Signal Processing and Applications. (AICTE Sponsored)	Sir CRR College of Engineering, Eluru.	01-11-2019	14-11-2019
10	Next Generation Wireless Systems and Networks-Theory to practice	Shri Vishnu Engineering college for Women, Bhimavaram	01-08-2019	14-08-2019

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:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1	Member of IETE	M-500577	
2	Member of Institute of Engineers		
3	Indian Society for Technical Education		

26. Membership in BOS/ Editorial Boards:

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
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27. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):

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

--- Nil ---

29. Technology Transfer:

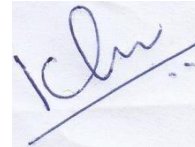
--- Nil ---

30. Special Achievements (If any):

1. Ratified as Assistant Professor from Andhra University
2. Ratified as Assistant Professor from JNT University, Kakinada.

31. Personal Details:

- (a) Father's Name : K. Buchaiah
(b) Mother's Name : K. Narsamma
(c) Gender : Male
(d) Marital Status : Married
(e) Religion : Hindu
(f) Nationality : Indian



Signature