

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: 19Y Research: Industry: 1 Total:20Yrs

| 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 s/ 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 |

| | | | | | | | |
|---|---|--|---|---------------|-------------|---|--------|
| | DrP.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, DrP.RajeshKumar, Dr. R. Satish | A new segmentation method for non-ideal iris images using morphological reconstruction FCM based on improved DSA | SN Applied Sciences 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 | 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 |
|-------|---------------------------------|--------------------------|--------|
|-------|---------------------------------|--------------------------|--------|

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:

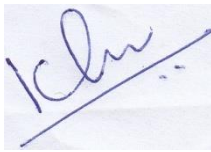
--- Nil ----

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