ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)
Accredited by NAAC & An ISO 9001:2015 Certified Institution
ITI Road, ALC Campus, VIJAYAWADA - 520 008 :: Website : www.aliet.ac.in :: Ph : 0866 - 2476161

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FACULTY PROFILE

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Name of the Faculty	**Mr. K. SRINIVASA RAO**	
Designation	**Assistant Professor**	
Department	**ELECTRONICS AND COMMUNICATION ENGINEERING(ECE)**	**Date of Birth** 01/08/1980
Date of Joining the Institution	**30-06-2015**	**Native place** Vijayawada, AP, India
Academic Qualification with Class/Grade	• **Pursuing Ph.D** from JNTUK	
	Specialization: **DSCE** (Digital Systems and Computer Electronics) • **PG : M.Tech First Class with Distinction** from JNTUA. • **UG : B.Tech First Class with distinction** from JNTUH	
Professional Qualification	• Completed "Training on Combinational Logic Circuits" at **Efftronics Systems** Pvt. Ltd, Vijayawada.	
Employee ID	**ALIET-15-26**	
E-mail / Mobile	**jntuksr@gmail.com**	
Total Experience in Years	**Teaching: 16 years**	**Industry 00** **Research : 00**

Papers Published in Journals -	UGC – 9 A Peer-Reviewed- 0	Articles in Books: 0
Faculty Development Programmes attended:	**15**	**Guest Lectures Delivered: 01**
Papers presented in Conferences/ attended	**National: 01**	**International: 00 / Workshops: 02**
Are u a PhD Guide? If Yes, Give field & University	**Field: ---**	
PhDs / Projects Guided	**PhDs : 00** **MPhil -00**	**Projects at PG Level : 04** **Projects at UG Level: - 20**
Books Published/IPRs/Patents	**NIL**	
Professional Memberships	**ISSSE(** Indian Society Of Systems For Science And Engineering)	
Editorial Board Membership	**NIL**	
Board of Studies Member:	**NO**	
Foreign Projects	**NIL**	
National Project	**NIL**	
Grants fetched	**NIL**	
Awards - 00	**NIL**	
Subjects handled for Post Graduate Students:	**Digital Data Communications** **VLSI Technology and Design** **Image and Video Processing.** **Design of Fault Tolerant Systems** **Design for Testability** **DSP Processors and Architecture**	
Subjects handled for Under Graduate Students:	**Electronic Devices and Circuits** **Electronic Circuit Analysis** **Radar Systems** **VLSI Design** **Signals and Systems** **Pulse and Digital Circuits** **Cellular Mobile Communications**	
Conferences/ Seminars / Workshops / FDP Organised @ ALIET	- Organized National Conference on **"Communication, Electronics, Instrumentation and Computing- NCCEIC-19" on** 15 -03-2019 - Organized a Three day Training program on "**Office and Home Appliances**" from 21-01-2019 to 25-01-2019. - Organized a Two Day Work Shop on "**PCB Design** " conducted on 13-8-18 & 14-8-18. - Coordinator for **"Student Technical Paper**	

	Contest-2017" conducted by IETE Vijayawada Center on 01-02-2017.
Any Other Achievements	• Acted as Resource Person for the Four Day Workshop on "**Applications of Matlab in ECE**" on 18-09-19 . • Acted as Resource Person for the Three-Week Refresher Course on "**Free and Open Source Software-an Academic & Research Perspective**" from 25-08-2008 to 16-08-2008 at UGC-Academic Staff College, JNTU, Hyderabad.
Other Responsibilities	• **Placement Coordinator** for ECE department. • Department **Newsletter** Coordinator .
Whether Ratified by University (Yes/No)	**YES**

Faculty Development Programmes/ Workshops attended: 2019-20

1. AICTE sponsored **Two Week** Faculty Development Program on "**Technology Adoption and Implementation Towards a Smart Society**", VR Siddhartha Engineering College(VRSEC) from 04-11-2020 to 16-11-2020.

2. Faculty Development Program on " **Digital Image Processing using MATLAB**", hosted on Skilltohire.com from 24-04-2020 to 27-04-2020.

3. Five Day Faculty Development Program on "**SCILAB**" from 29-04-2020 to 03-05-2020, organized by Department of ECE, PSCMRCET (Potti Sriramulu Chalavadi Mallikarjuna Rao College Of Engineering & Technology) in association with Spoken Tutorial, IIT Bombay and secured **A** grade.

4. Three Day Faculty Development Program on " **Online College Management & Online Content Creation Tools**" from 30-04-2020 to 02-05-2020, organized by North Storm Academy.

5. One Day Faculty Development Program on "**Outcome Based Education and NBA Accreditation**" on 14-05-2020 ,organized by Sinhgad Institute of Technology and Science,Narhe,Pune

6. Faculty Development Program on " Advanced Image Processing Techniques", hosted on Skilltohire.com from   01-05-2020 to 14-05-2020

7. Two Day Online Faculty Development Program on "**Micro strip Antennas for Advanced Wireless Communications**" from 15-05-2020 to 16-05-2020, organized by Department of ECE,KHIT(Kallam HarinadhaReddy Institute of Technology).

8. Five Day National Level Online FDP on "**Modern Research Trends in Communication, Signal Processing and VLSI/MEMS**" from 19-05-2020 to 23-05-2020, organized by Department of ECE,ALIET

9. Three Day Faculty Development Program on "**Art Of Writing Research Articles And Funding Proposals**" from   21-05-2020 to 23-05-2020, organized by Manakula Vinayagar Institute of Technology,Puducherry.

10. Five Day Online Faculty Development Program on "**Artificial Intelligence**" from 22-05-2020 to 26-05-2020, organized by Department of CSE,GNITS,Hyderabad.

11. Five Day Faculty Development Program on "**Cyber Security**" from 23-05-2020 to 27-05-2020, organized by Department of CSE,Vikas College of Engineering and Technology,Vijayawada.

12. One Week Online Faculty Development Program on "**Artificial Intelligence and its Applications**" from 25-05-2020 to 30-05-2020, organized by Department of CSE,Ramachandra College of Engineering ,Eluru.

13. . Three Day National Level Online Faculty Development Program on "**Research Trends in Signal Processing, Antenna, VLSI & IoT**" from 28-05-2020 to 30-05-2020, organized by Department of ECE, Sri Vasavi College of Engineering , Tadepalligudem.

Online Webinars Attended: 2019-20

1.Webinar on "Deep Learning in Telecommunication", organized by Department of ECE , Kalaignarkarunanidhi Institute of Technology(KIT) on 20-05-2020.

2. Webinar on "**Touching Sky Without Fear" (UAV - Unmanned Aerial Vehicle**)", Organized by Department of ECE of PSCMRCET in association with IEEE VIZAG BAY SECTION and INSTITUTION'S INNOVATION COUNCIL (MHRD) on 27-05-2020.

3. Webinar on "**E - Library: A futuristic Design of Knowledge Dissemination by using Knimbus Digital Library platform**" , Organized by National Institute of Design (NID – AP) In association with Knimbus on 06-05- 2020.

3. Online Training Program,"Webinar on Advanced IoT Applications - A Practical Approach" organized by Department of ECE ,Lakireddy Bali Reddy College Of Engineering on 23-05-2020.

4. Online Training Program,"Webinar on Speech Signal Processing" organized by Department of CSE , Lakireddy Bali Reddy College Of Engineering on 23-05-2020.

5. "**Awareness Program on NBA to keep in touch with NBA Accreditation**", organized by IQAC

PACE Institute of Technology and Sciences,Ongole on 17-05-2020.

Online Quiz Programme attended: 2019-20

1. Quiz on **" MATLAB Skill Test",** organized by Department of ECE ,Raghu Engineering College(REC),Visakhapatnam from 15-05-2020 to 17-05-2020**.**

 2. A National Level Skill Test Quizathon-2020 in Course "**Programming in   C**", organized by Department of Electronics and Computer Engineering, KL University on 18-05-2020.

3. Online Quiz on **" Fundamentals of Electronics" ,**organized by Department of ECE ,Nadimpalli Satyanarayana Raju Institute of Technology(NSRIT) on 28-05-2020**.**

4. Quiz on **" Electronic Devices and Circuits " ,**organized by Department of ECE ,Andhra Loyola Institute of Engineering & Technology(ALIET),Vijayawada on 26-6-2020**.**

5. Quiz on **"Faculty Skill Test on VLSI DESIGN",** organized by Department of ECE ,Dhanekula Institute of Engineering & Technology(DIET),Vijayawada on 26-6-2020**.**

6. National Level Quiz on "**NAAC**", organized by Department of ECE, P.V.P.P. College of Engineering, Mumbai on 26-5-2020.

7. **.** Quiz on"**Faculty Program on NBA**",organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai on 09-05-2020.

8. "E-Quiz On Research Methodology & Statistical Analysis", organized by ST.Joseph's PG College,Hyderabad on 17-05-2020.

9. National Level Quiz on"**Hardware,Networking,Excel and Word**",organized by Padmabhushan Vasantdada Patil Pratishthan's College Of Engineering, Mumbai on 26-05-2020.

Post-Doctoral Publication / Seminars/Workshops/Guest Lectures:

List of Publications in Journals

1. K SrinivasaRao, S Ramya, N Ramyasri, M Sirisha," **A Dehazing Benchmark with Real Hazy Outdoor Images**",   International Journal of Advance Research and Innovation(IJARI), Vol. 8 ,Issue-2, May 2020, ISSN 2347-3258.

2. K Srinivasa Rao, Murali Krishna Talari, Rajendra Kumar Pedapudi, Sai Charan Akula,
  "**Classification of Rice Grains using Machine Learning Techniques**", International Journal of Advance Research and Innovation(IJARI), Vol. 8 ,Issue-2, May 2020, ISSN 2347-3258

3. K. Srinivasa Rao , Marada Kalyani , Putti Pooja Yasaswini , Velpula Kousalya , "**Secure Medical Data Transmission Model by using Steganography Technique**", International Journal of Research in Electronics and Computer Engineering(IJRECE), Vol. 7, Issue- 1 , March 2019, ISSN: 2393-9028.

4. K. Srinivasa Rao , Tadiboina Pavan Kumar,Pendem Sudheer, GudimetlaLakshmi Vara Prasad,"**A Novel and Efficient Low Power 8-bit Arithmetic Logic Unit Using FS-GDI Technique**", International Journal of Research in Electronics and Computer Engineering(IJRECE), Vol. 7, Issue- 1 , March 2019, ISSN: 2393-9028

5. K. Srinivasa Rao , K. SAMPATH," **Retina Blood Vessel Segmentation and Exudates Detection Using Morphological and Clustering with Neural Network**", International Journal of Science, Engineering and Technology Research (IJSETR), Vol - 06,Issue.24, July-2017, ISSN 2319-8885.

6. K.Srinivasa Rao, G.T.N.V. Satya Sri, "**Image Visibility Restoration Using Fast-Weighted Guided Image Filter**" ,International Journal of Electronics Engineering Research(IJEER), Vol-9,No 1(May- 2017) pp.57-67 , ISSN 0975-6450.

7. K.Srinivasa Rao,M.Rama Krishna, P.Aruna Kumari, "**Performance Analysis of Line and Character Segmentation for Different Language Text Images**", IJRECE Vol-5,Issue-2,March-April 2017, ISSN 23215593(online),ISSN 2321-032.

8. K.SrinivasaRao, P.N.S SaiSudha, G.SaiSravanthi, Ch.Sirisha, "**Image Denoising Using NSCT with Image Fusion and Post Processing Technique**", IJRECE Vol-5,Issue-2, March-April 2017 ,ISSN 2321-5593.

9. K.Srinivasa Rao, Ravinder kaur, "**High Performance Novel Dual Stack Gating Technique For Reduction of Ground Bounce",** International Journal of Research in Engineering and Technology (IJRET), Vol.2, Issue No. 8, April 2013, ISSN: 2321-7308.

List of Publications (A Peer-Reviewed Journal)

Articles published in Book:

National Seminars

Attended an Orientation Program on **Faculty to improve Teaching Methodologies** on 14-06-2018.

International Seminars:

Industrial Visits

- Industrial visit to " **EURTH TECHNOLOGIES**" ,VIJAYAWADA on 10-07-2018 .

- Industrial visit to "**RADAR STATION"**,MACHILIPATNAM on 30-07-2019.

- Industrial visit to "**RADAR STATION"**,MACHILIPATNAM on 21-07-2016.

Prizes

Social Activities

1. Participated in a **Extension program** at Ghandi Municipal High School, One town, Vijayawada on 26-07-2018.(Educated the students of secondary grade classes in various aspects such as Discipline, technical learning, social behaviour, improving in ones individuality)

Events Organized

1. Coordinator for **"Student Technical Paper Contest-2017"** conducted by IETE Vijayawada Center at ALIET, during the occasion of "**IETE STUDENTS DAY**" on 01-02-2017.