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. ROOPA KRISHNA CHANDRA.G**	
Designation	**Assistant Professor**	
Department	**ELECTRONICS AND COMMUNICATION ENGINEERING**	**Date of Birth** 09/07/1988
Date of Joining the Institution	**06-06-2012**	**Native place** Vijayawada, AP, India
Academic Qualification with Class/Grade	• **PG : M.Tech (ECE) First Class with Distinction** from JNTUK. • **UG : B.Tech (ECE) First Class** from JNTUK.	
Professional Qualification	• **Certified as a Digital Teacher** from ICT ACADEMY June 2020. • Completed **NPTEL Online Certification** on Digital Image Processing July-Oct 2019. • Participated in a Teacher Training Program conducted by APSCHE & British Council from 10.07.2017 to 28-07-2017	
Employee ID	**ALIET-12-05**	
E-mail / Mobile	roopakrishna.chandra@aliet.ac.in +91 9490743143	

Total Experience in Years	**Teaching: 08 years**	**Industry 00**	**Research : 00**
Papers Published in Journals -	**UGC – 1 A Peer-**	**Articles in Books: 0**	

	Reviewed-10	
Faculty Development Programmes attended:	**10**	**Guest Lectures Delivered: 01**
Papers presented in Conferences/ attended	**National: 00**	**International: 01 / Workshops: 00**
Are u a PhD Guide? If Yes, Give field & University	**Field: ---**	
PhDs / Projects Guided	**PhDs : 00** **MPhil -00**	**Projects at PG Level : 03** **Projects at UG Level: 08**
Books Published/IPRs/Patents	**NIL**	
Professional Memberships	**1.International Association of Engineers(IAENG),** **2.The Institution of Engineers(IE)** **3.Institute of Research Engineers and Doctors(IRED)** **4.Institute For Engineering Research and Publication(IFERP)**	
Editorial Board Membership	**NIL**	
Board of Studies Member:	**NO**	
Foreign Projects	**NIL**	
National Project	**NIL**	
Grants fetched	**00**	
Awards - 00	**NIL**	
Conferences/ Seminars / Workshops / FDP Organised @ ALIET	• **Acted as a Resource Person for Online Training Program on MATLAB in May 2020.** • **Acted as a Course Coordinator for workshop on "Overview on Latest Telecom Technologies" in December 2016.** • **Acted as a Resource Person for the Workshop Titled Advanced Algorithms in Digital Signal Processing in March 2016.**	
Any Other Achievements	✓ **Nil**	
Other Responsibilities	• **EDC** cell coordinator for ECE department • **IQAC** coordinator for ECE department	
Whether Ratified by University (Yes/No)	**YES**	

Faculty Development Programmes attended: 2019-20

1.Faculty Program On Nba Organized By Bharathi Vidyapeeth College Of Engineering On 09-05-2020.

2.Elearning Program On Plc Organized By Tatasteel On 11-05-2020

3.Naac Awareness Programme For Faculty Organized By M.M.I.T From 08-05-2020 To 14-05-2020

4.Participated in a Training Program on PYTHON 3.4.3 organized by Spoken Tutorial Project, IIT Bombay in January 2020.

5.FDP on "IoT with Artificial Intelligence" organized by Sir.C.R.Reddy Col of Eng from 27 to 29 May 2020.

6. FDP on "BLOCKCHAIN TECHNOLOGY" organized by MITS from 30 to 31 May 2020.

7.FDP on Microstrip Antennas for Advanced Wireless Communications organized by K.H.I.T from 15-17 May 2020.

Online Webinars Attended: 2019-20

1.A Webinar On Virtual Classroom Management Using Microsoft Teams Organized By Lbrce On 11-05-2020.

2.The Need For Change In Pedagogy And A Simple Way To Teach Online With

A Smartphone For Beginners On May 2020.

3. A Webinar On Art Of Journal Writing Organized By Cape Inst Of Tech On 30-05-2020

4. A Webinar On Machine Learning Using Python On 27-05-2020.

5.International Webinar On Covid Challenges On 27-05-2020.

Online Quiz Programme attended: 2019-20

1.Online Quiz on Awareness of Covid-19 on 7-5-2020 organized by Shivalingeshwar College of Pharmacy.

2. E- Quiz on Research Methodology on 2-5-2020 organized by Rai University.

3.Quiz on basics of Computer and IT skills organized by Shree L.R.Tiwari College of Engineering on 12-05-2020

4. Quiz on Recent Trends in IT organized by Shree L.R.Tiwari College of Engineering on 12-05-2020

5. E-Certificate of "Awareness Program on Intellectual Property Rights organized by Shri Chhatrapati Shivajiraje College of Engineering on 15-05-2020

6.National Level Quiz on NAAC on 27-05-2020, organized by P.V.P.P Col of Eng.,

7.Online Quiz on Research Metrics in Scientific Publications on 26-05-2020 , conducted by M.L.R.I.T.

8.Online Quiz on Control Systems on 25-05-2020,conducted Finolex Academy of Mgmt & Tech, Ratnagiri.

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

1.NIL

List of Publications in Journals

1. Retinal blood vessel segmentation and Identification of Glaucoma using Convolutional Neural Network published ICARI-2020.

2. Compact Diversity Mimo Antenna for Satellite Communication
published ICARI-2020.

3. Published a paper of title "An Iot Based Fire Detection And Monitoring System", in the IJSRR Journal, in the year 2019.

4. Published a paper of title "Implementation of FMCW Radar", in the IJRECE Journal, in the year 2019

5. Published a paper of title "Spot Light Sar Image Autofocus Using Minimum Entropy Criterion", in the IJRECE Journal, in the year 2019.

6. Published a paper of title "Automized Traffic Signalling System Based On Traffic Density And Inter Communication Between Traffic Signal Junctions", in the IJCRT Journal, in the year 2017

7. Published a paper of title "Robust Palm Vein Pattern Recognition System Based On DRLTP and WLDHYBRID Texture Descriptors" ,in the IJSTER Journal, in the year 2017.

8. Published a paper of title "Implementation of Channel Hooping Algorithm of Cognitive Radio Networks In Ad Hoc Networks",in the IJESAT Journal in the year 2017.

9. Published a paper of title "Design Of Broadband Stacked Patch Antenna with Improved Bandwidth" in IJARLT Journal, in the year 2017.

10. Published a paper of title "Design of human face detection and recognition system along with speech synthesis subtitle" in IEEE CONFERENCE, in the year 2015

11. Published a paper of title " Design of High Throughput DCT Core Design by Efficient Computation Mechanism" in IJMER Journal ,in the year 2012.

12. Published a paper of title "A Primitive Polynomial to Define the Finite Field Modules for High Throughput Interpolator to Encode and Decode Of Non Binary Cyclic Codes", in IJMER Journal, in the year 2012.

Articles published in Book:

1.NIL

National Seminars

1.NIL

International Seminars:

1.NIL

Workshops

1.Completed the Online workshop on Universal Human Values organized by AICTE, during 25-29 April 2020

2.Completed a 'Effective and Efficient Online Teaching in the Age of Corona, A Hands on Workshop' on 16 May 2020 organized by Teaching Learning Centre at IIT Bombay

3.Completed a Workshop on VLSI CIRCUITS ANALOG & DIGITAL DESIGN PERSPECTIVES on 16-17 May 2020 organized by JNTUA.

Guest Lectures

1. **Acted as a Resource Person for Online Training Program on MATLAB in May 2020.**

Prizes

1.NIL

Social Activities

1.NIL

Events Organized

- Acted as a Resource Person for Online Training Program on MATLAB in May 2020.
- Acted as a Course Co-ordinator for workshop on "Overview on Latest Telecom Technologies" in December 2016.
- Acted as a Resource Person for the Workshop Titled Advanced Algorithms in Digital Signal Processing in March 2016