




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

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FACULTY PROFILE

<p>Name of the Faculty</p>	<p>Mr. PRANOB KUMAR CHARLES</p>	
<p>Designation</p>	<p>Assistant Professor</p>	
<p>Department</p>	<p>ELECTRONICS AND COMMUNICATION ENGINEERING</p>	<p>Date of Birth 24/08/1979</p>
<p>Date of Joining the Institution</p>	<p>15-06-2016</p>	<p>Native place Vijayawada, AP, India</p>
<p>Academic Qualification with Class/Grade</p>	<ul style="list-style-type: none"> • PG : M.E (ECE) First Class from Anna Univ. • UG : B.Tech (ECE) First Class from JNTUH. • Certified as a Trainer by British Council 2018 • PhD Pursuing in JNTUH 	
<p>Professional Qualification</p>	<p>Certified as a Proact Digital Teacher from Loyola Institute of Business Management- (LIBA) June 2020.</p>	
<p>Employee ID</p>	<p>ALIET-16-19</p>	

E-mail / Mobile	pranob2005@gmail.com +91 9550009810		
Total Experience in Years	Teaching: 17 years	Industry 00	Research : 00
Papers Published in Journals -	UGC – 0 A Peer- Reviewed- -15	Articles in Books: 0	
Faculty Development Programmes attended:	11	Guest Lectures Delivered: 02	
Papers presented in Conferences/ attended	National: 00	International: 08 / Workshops: 00	
Are u a PhD Guide? If Yes, Give field & University	Field: ---		
PhDs / Projects Guided	PhDs : 00	Projects at PG Level : 12	
	MPhil -00	Projects at UG Level: 30	
Books Published/IPRs/Patents	NIL		
Professional Memberships	ISTE, IAENG		
Editorial Board Membership	NIL		
Board of Studies Member:	Siddartha Mahila Kalasala, Vijaywada.		
Foreign Projects	NIL		
National Project	NIL		
Grants fetched	00		
Awards - 0			
Conferences/ Seminars / Workshops / FDP Organised @ ALIET	Nil		
Any Other Achievements	 Pro Act Digital Teacher		
Other Responsibilities			
Whether Ratified by University (Yes/No)	YES		

OTHER ACHIEVEMENTS

- ✚ Pro Act Digital Teacher
- ✚ Life Member of ISTE.
- ✚ Life Member of IAENG.
- ✚ Won Winner Prize in Cricket as leading player in year 2010, 2011, 2012.
- ✚ Won Winner Prize in Lawn Tennis (Doubles) in the year 2010,2011.
- ✚ Won Runner Prize in Lawn Tennis (Singles) in the year 2010.
- ✚ Worked as Visiting Faculty for M.tech Students at SBIT, Khammam.

WORK EXPERIENCE: 17+ Years

- ❖ Worked as Assoc. Professor in **MIC College of Technology** Kanchikacherla., from June 2015 to June 2016.
- ❖ Worked as Assoc.Professor in **K L University Vijayawada A.P.**, from July 2009 to May 2015.
- ❖ Worked as Asst.Professor in **ICFAI Institute of Science and Technology** Hyderabad A.P., from July 2007 to June 2009.
- ❖ Worked as Asst.Professor in **Pydah College of Engineering and Technology** Vizag A.P., from June 2005 to April 2007.
- ❖ Worked as a Teaching Assistant in **Karunya Institute of Science and Technology** for one year during my M.E Project work.
- ❖ Worked as Lecturer in **Lenora College of Engineering** Rampachodavaram A.p., from June 2001 to April 2003.

PUBLICATIONS: International Journals

- **Pranob K Charles**, SK.Jasmine Sulthana, P. Hemalatha, E Keerthi “Multiple Person Detection and tracking using Convolution Neural Network” in International Journal of Advance Research and Innovation (IJARI), *Vol 8 issue 2 2020*.
- **Pranob K Charles**, A. Vineetha, N. Sai Sobhana, K Swetha “A Novel Technique for brain tumor detection and analysis using image segmentation” in International Journal of Research in Electronics and Computer Engineering (IJRECE), *Vol 7 issue 1 Mar 2019*.

- **Pranob K Charles**, T.N. Srinivasu, K Vinay Kumar, K Josh Akhil “A Novel System for Automated College Attendance using Face Recognition with GSM notification” in International Journal of Research in Electronics and Computer Engineering (IJRECE), *Vol 7 issue 1 Mar 2019*.
- **Pranob K Charles**, Sarah, Rodhe, Pavani “Irreversible Compression of MRI Brain Image with HEVC” in International Journal of Creative Research Thoughts (IJCRT), *Vol 6 issue 1 Mar 2018*.
- **Pranob K Charles**, Dr H Khan, Dr K S Rao “A Novel Search Technique of Motion Estimation for Video Compression” in Global Journal of Computer Science and Technology : Graphics & Vision, *Vol 17 issue 2 Year 2017*.
- **Pranob K Charles**, Dr H Khan, Dr K S Rao “Enhanced Logarithmic Technique for motion Estimation with three step reduction” in Global Journal of Computer Science and Technology : Graphics & Vision, *Vol 17 issue 1 Year 2017*.
- **Pranob K Charles**, Dr H Khan, Dr K S Rao “A Novel technique for Video Compression using Saliency” International Journal of Advanced Research in Modern Engineering (IJARME), *Vol 1 issue 1 June-July 2014*.
- **Pranob K Charles**, Ch Srinivasu, V Harish, M swathi, Ch Deepthi “H.264 based Video Compression” International Journal of Computational Engineering Research (IJCER), *Vol 2 issue 2 Mar-April 2012, pp-575-579*.
- **Pranob K Charles**, K Balaji, VVS Murthy, Rajendra Prasad K, Sripathroy K, Purnachand S, Suresh A “A Pragmatic technique for Detection and removal of cracks in Digitized Paintings” International Journal of Modern Engineering Research (IJMER), *Vol 2 issue 1, 2012, pp-041-045*.
- **Pranob K Charles**, Vinnakota Harish, Mule swathi, Ch Deepthi “A Review on the various techniques for Optical Character Recognition” International Journal of Engineering Research and Applications (IJERA), *Vol 2 issue 1 2012, pp-659-662*.
- **Pranob K Charles**, Dr Habibulla Khan, V Harish, M Swathi, Ch Rajesh Kumar, N Nikkitha, Santhosh Roy “ Artificial Neural Network based Image Compression using Lavenberg – Marquardt Algorithm” International Journal of Modern Engineering Research (IJMER), *Vol 1 issue 2, 2011, pp-482-489*.
- **Pranob K Charles**, Dr Habibulla Khan, V Harish, M Swathi, Ch Rajesh Kumar, Nikkitha Nayudu, Ch Deepthi “ Image Compression using Binary Space Partitioning and Geometric Wavelets” International Journal of Modern Engineering Research (IJMER), *Vol 1 issue 2, 2011, pp-455-460*.
- Rajendra Prasad K, Srinivasan M, **Pranob K Charles** “Performance of iterated EKF technique to Estimate Time varying Channel using Pilot Assisted Method in MIMO-OFDM

System” International Journal of Computer Networks & Communications (IJCNC) Vol3, No.5, sep2011. DOI:10.5121/ijnc.2011.3514.

- B.T.P.Madhav, Dr Sarath Kumar, **Pranob K Charles**, P Sreyesh “Rectangular Microstrip 6 x 6 Patch Array Antenna Performance Evaluation based on Permittivity of the Substrate Materials” Global Journal of Computer Application and Technology (GJCAT), Vol 1(1), 2011,83-91.
- **Pranob K Charles**, Rajendra Prasad K “A Contemporary Approach for ECG Signal Compression using Wavelet Transforms” Signal & Image Processing: An International Journal (SIPIJ) Vol 2, No.1, March 2011. DOI:10.5121/sipij.2011.2113.

PUBLICATIONS: International /National Conferences

- **Pranob K Charles**, K Dinesh babu, Ch. Siva sai Teja, S.Aditya “Reconstruction of missing information in satellite Imagery using STS-CNN” in International Conference of Advance Research and Innovation 2020.
- Presented a Paper on “Calibration of Positional Inaccuracy in Single Frequency GPS Receivers” in 2nd International Conference on RSPS – 2010 held in KLU, A.P.
- Presented a Paper on "A Contemporary Approach for ECG Signal Compression Using Wavelet Transforms" in National Conference organized by the IEEE Branch of Kalasalingam University T.N.
- Presented a Paper on " A Pragmatic Design for CMOS Current Reference with Temperature and Process Compensation" in National Conference organized by the IEEE Branch of Kalasalingam University T.N.
- Presented a Paper on " Micro Strip patch Antenna on LCP Substrate" in National Conference NCSCV’10 held in Anna University – Coimbatore, T.N.
- Presented a Paper on " A Novel Approach for Image Security using Frequency Domain Digital Water marking" in National Conference NCSCV’10 held in Anna University – Coimbatore, T.N.
- Presented a Paper on " Au Courant Advent for Denoising and Compression of ECG Signal" in National Conference NCSCV’10 held in Anna University – Coimbatore, T.N.

- Presented a Paper on " A Vehicle Tracking System using ARM Micro Controller based on GPS" in National Conference NCSCV'10 held in Anna University – Coimbatore, T.N.

CONFERENCES/WORKSHOPS ATTENDED

- ✓ Participated a three day FDP on “**VLSI DESIGN TECHNIQUES USING XILINX & MENTOR GRAPHICS EDA TOOLS**” on 23rd to 25th June 2016.
- ✓ Participated in “**A Two Day workshop on Mentor Graphics EDA Tools**” on 17th & 18th April 2017.
- ✓ Participated in “**A Three Day FDP on Industrial IoT using NI Graphical System Design Platform**” from 13th July to 15th July 2017.
- ✓ Participated in “**A Three Day FDP on Real time applications using Labview** “ from 28th Nov to 03rd Dec 2016.
- ✓ Participated in the “**NPTEL workshop**” on 25-6-2016.
- ✓ Attended Seminar on Matlab & Simulink 2016 organized by Mathworks.
- ✓ Attended DST sponsored National Conference on *Real Time Signal Processing – 2014* organized by SPRG Group of ECE Department, K L University.
- ✓ Attended “*Jeevan Vidya*” workshop organized by KLU Academic Staff College – May 2014
- ✓ Attended IEEE Sponsored *International Conference on RF and Signal Processing – 2013* organized by ECE Department, K L University.
- ✓ Attended Indo-US Collaboration for Engineering Education (**IUCEE**) Program on the course “*Advanced Signal Processing*” as a part of Faculty Leadership Institute in K L University 2012.
- ✓ Attended Indo-US Collaboration for Engineering Education (**IUCEE**) Program on the course “*Neural Networks*” as a part of Faculty Leadership Institute in K L University 2012.
- ✓ Attended IEEE Sponsored *International Conference on RF and Signal Processing – 2010* organized by ECE Department, K L University.
- ✓ Attended Faculty Development Workshop organized by CSS Department of K L University 2010.

FDP'S/ONLINE QUIZZES ATTENDED IN 2020

- ✓ Participated in Quiz Communication Engineering organized by ECE Department, Narasaraopeta Engineering College on 27-05-2020
- ✓ Actively participated in Virtual Summit on Covid -19 : Impact on Education , Technology Environment and mankind Organised by ALIET on 30-05-2020.
- ✓ Participated in Quiz **Covid-19 & Microsoft Office Tools- Word & Excel** organized by Jawahar Knowledge Center of Silver Jubilee Govt. College(A), Kurnool on **30 May 2020**
- ✓ Participated in National Level Quiz on NAAC organized by Department of Computer Engineering, P.V.P.P College of Engineering Mumbai On 26-05-2020.
- ✓ Participated in webinar on “ Successful steps towards High Quality Scientific Publications Organized by Chalapathi Institute of Technology, Guntur on 18-05-2020.
- ✓ Participated in Workshop on VLSI Circuits Analog and Digital Design Perspective Organized by Dept of ECE, JNTUA from 16-05-2020 to 17-05-2020
- ✓ Participated in a Webinar on Virtual Classroom Management using Microsoft Teams”, an online training program offered remotely on 11/05/2020 organized by LBRCE.
- ✓ Participated in the Digi Talk on “NOW or NEVER” organized by Nehru Institute of Management Studies (NIMS) on 12th May, 2020.
- ✓ Participated Five - Day Online Workshop on “EDA Tools for Technical Staff” Organized by Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, from 04.05.2020 to 08.05.2020.
- ✓ Participated in One Week Online Faculty Development Program on “Research Challenges and Opportunities Post COVID-19 (RECOP 2020)” organized by Research & Development Cell and Institution’s Innovation Council of Sri Vasavi Engineering College (Autonomous) during 4-9 May 2020.