

RESUME



Name: Kotni Krishnamraju

Employee ID: A5ECE00T17

Designation : Asst. Professor

Department: ECE

Date of Birth: 16-06-1982

Father Name: Late Kotni Ramesh

Mother Name: Kotni Lakshmi

Reservation Category if Any: OC

(DIFFERENTLY ABLED)

Address: Matia Street, Parlakhemundi, Gajapati district, Odisha-761200

Mobile Number: 08895845327, 8919659907

Email id: kotniraju@gmail.com

Date of Joining in the Institution: 25-06-2007

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
PhD	BPUT, Rourkela, Odisha	Pursuing	-
M. Tech	JNTU Kakinada	FIRST Class	2012
B. Tech	BPUT Rourkela, Odisha	FIRST Class	2007

Total Years of Experience (Teaching/Industry): 12

Period		Organization/Institution	Designation
June2007	Dec2010	AITAM, Tekkali	Assistant professor
Dec2012	Till date	AITAM, Tekkali	Assistant professor

Areas of Interest:

1. Signalprocessing
2. Vlsi
3. Biomedical signalprocessing

Guidance of Academic Projects:

- i) Doctoral Projects :-
- ii) MastersProjects :-
- iii) Bachelor Projects :08

STUDENT TRAINING FOR PLACEMENTS:

1. BLUE PRISM-ROBOTIC PROCESS AUTOMATION.—CERTIFIED TRAINER BY EDUSKILLS FOUNDATION.

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant
-	-	-	-
-	-	-	-

Funding from external agencies:

S. No.	Sponsoring Agency	Title of the Program	Grant
-	-	-	-
-	-	-	-

Honors and awards received: -

Memberships of Professional Societies and Other Organizations:

ISTE (LM 56482), IETE

Other Responsibilities:

1. StudentCounselor
2. Class teacher
3. Modular programinstructor

Details of Book Publications:

- **Details of Publications:**

1. S/N-ECG SIGNAL WITH HYBRID WINDOW
TECHNIQUE-2012 IJSETR
2. A NEW FAMILY OF SHADOW FILTERS-IIR
FILTERS -2012 IJECT
3. FREQUENCY TRANSFORMATION IN BILINEAR

- | | | |
|---|---|--------|
| | DIGITAL IIR FILTERS BY USING PASCAL MATRIX -2012 | IJECT |
| 4 | ANALYSIS OF POLYNOMIAL WINDOWS FOR FIR FILTERS FOR SPECTRAL BETTER SPECTRAL RESPONSE-2013 | IJERT |
| 5 | A NEW CLASS OF FIR FILTERS FOR SIGNAL PROCESSING USING NOVEL WINDOW TECHNIQUES-2015 | IJSETR |
| 6 | GENETICALLY MODIFIED FIR LOW PASS FILTER FOR RICH SOUND ENVIRONMENT USING ADAPTIVE APPROACH-2017 | IJSETR |
| 7 | Modified Bohman window- FIR-Filter using FrFt for ECG de-noising- 2018 (IJARECE) | |
| 8 | Evaluation of Radar Cross Section In Aerial Operations by Using POFACETS for Unmanned Aerial Vehicle(UAV)-(IJITEE-SCOUPUS-2019) | |

International Conferences:-

1. International conference on Innovations in Engineering and Technology (ICIET-2013)-
Bankok.
“Generalization of Windows using Discrete Fractional Fourier Transform ”

National Conference:

- 1 Performance improvement of conventional windows using polynomial windows and fractional Fourier transform for FIR filter for ECG Denoising-2017 RABSIVP-2017 (AITAM)

Details of Conferences / Workshops / Refresher Courses Organized: -

Details of Conferences / Workshops / Refresher Courses Attended:

External:

1) has successfully completed an Online Quiz on “ Research Metrics in Scientific Publications ” conducted on 27-05-2020 with a score of 93% conducted by MLR INSTITUTE OF TECHNOLOGY , HYDERABAD
2) completed the online webinar on Moving Forward with IoT by Mr.D Suresh, Vice president - Techsys IOT Labs, Hyderabad on 14.05.2020 organized by Department of Electrical and Electronics Engineering of RMK College of Engineering and Technology
3)has attended webinar on “ ROLE OF DRONES AND EXTENDED REALITY IN INDUSTRY 4.0 ” ORGANIZED BY LOYALA INSTITUTE OF TECHNOLOGY , CHENNAI ON 11.06.2020
4)Participated webinar on “ RESEARCH FINDING –SUBMISSION TO SUCCESSFUL PUBLICATIONS ” conducted by MIRALE EDUCATIONAL GROUP , VIZIANAGARAM ON 06-05-2020
5) Participated in National online quiz competition conducted by IQAC and WOMEM DEVELOPMENT CELL, ON 30-05-2-2020 , Conducted ny CR REDDY COLLEG,ELURU
6) Participated webinar on “ Deep Learning and its Application ” on 5-6-2020 organized by MAHENDRA COLLEGE OF ENGINEERING , CHENNAI
7) Attended E-QUIZ on “ ARTIFICIAL INTELLIGENCE ” and successfully passed

with score of 56%, conducted by Department of Electronics and Communication Engineering in Association with Incubation Center of ECE , Mohamed Sathak Engineering College, Tamil Nadu,India between 01/06/2020 to 03/06/2020.
8) Participated in the “Quiz on Digital Electronics” conducted by the Department of ECE , GMR Institute of Technology on 6-6-2020 and secured 92% score.
9) has participated in the “Quiz on Basic Electronics” conducted by the Department of ECE , GMR Institute of Technology on 6-6-2020 and secured 96% score.
10) attended National Webinar on “ Recent Trends of ICT & 5G towards Sustainable Development Goals ” organized by Department of Electronics & Communication Engineering, Poornima College of Engineering on Saturday, 30 May, 2020.
11) Participated 3-Day FDP on “OUTCOME BASED EDUCATION SYSTEM” A Road map to Teaching , Learning ,Evaluation and Accreditation Organized by Lendi College of Engineering (Autonomous), Vizianagaram from 21-05-2020 to 23-05-2020
12) Successfully completed NAAC Awareness Programme for Faculty ” organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.
13) <i>Participated in the Online AICTE Recognized Faculty Development Programme on Technological Interventions using Wireless Communication from 18-05-20 to 22-05-20 (One Week) Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh</i>
14) Has completed the “Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation“ organised by Sinhgad Institute of Technology and Science, Narhe,Pune on 11-5-2020.
15) Attended webinar for FDP “OUTCOME BASED EDUCATION SOFTWARE ” organized by VMEDULIFE SOFTWARE SERVICES on 14-06-2020
16)Participated in a workshop on “VLSI CIRCUITS ANALOG AND DIGITAL DESIGN PERSPECTIVES ” Conducted by department of ECE in Association with AMS Semiconductor and HCL Technologies from 16-05-2020 to 17-05-2020 by JNTU COLLEGE OF ENGINEERING(AUTONOMOUS) ANANTAPURAMU.
17)Participated in Advanced Signal , Speech and Image Processing sponsored by SERB,DST, GVP,Vishakapatnam, Andhrapradesh , from 1-12-2016 to 3-12-2016
18)Participated in Static with R programming sponsored by AICTE ,New Delhi, NEC,Narasaraopeta, Andhrapradesh from 24-06-2019 to 29-06-2019
19) Participated in NPTEL WORKSHIP Organized by IIT Madras conducted by CUTM , Parlakhemundi. On 12-12-2015

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1	19 th Jan, 2013	Outcome Based Education (In compliance with NBA Accreditation)	AITAM, Tekkali
2	1 st -2 nd Mar, 2013	Advances in Signal and Image Processing (ASIP-2013)	AITAM, Tekkali
3	20 th June 2014	‘Outcome Based Education’ (under Teqip phase-II)	AITAM, Tekkali
4	5 th July, 2014	Faculty Development program on ‘Human Values & Professional Ethics’	AITAM, Tekkali
6	17 th August, 2014	‘Outcome Based Education’ (under TEQIP Phase-II),	AITAM, Tekkali
7	09 th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
8	7 th oct-12 th oct-2020	“Antenna Design and Analysis Using Mathematical Solvers”	AITAM, Tekkali

CERTIFICATIONS FROM APSSDC:

1) Certification of participation in FDP on AI and DEEP LEARNING held from 01-07-2020 to 28-07-2020 conducted by 360DigiTMG on behalf of APSSDC
2) Successfully completed 60 Contact Hours on FDP on DATA SCIENCE Held from 01-06-2020 to 30-06-2020 by EXCELR on behalf of APSSDC

CERTIFICATIONS FROM COURSE ERA:

1. Custom Prediction Routine on Google AI Platform an online non-credit course authorized by Rhyme and offered through Coursera-
2. Logistic Regression with NumPy and Python an online non-credit course authorized by Rhyme and offered through Coursera
3. Getting Started with AWS Machine Learning an online non-credit course

authorized by Amazon Web Services and offered through Courser
4. On Premises Management, Security, and Upgrade with Google Cloud's Apigee API Platform an online non-credit course authorized by Google Cloud and offered through Cours
5. On Premises Capacity Upgrade and Monitoring with Google Cloud's Apigee API Platform an online non-credit course authorized by Google Cloud and offered through Coursera
6. On Premises Installation and Fundamentals with Google Cloud's Apigee API Platform an online non-credit course authorized by Google Cloud and offered through Coursera
7. AI For Everyone an online non-credit course authorized by deeplearning.ai and offered through Coursera
8. Introduction to the Internet of Things and Embedded Systems an online non-credit course authorized by University of California, Irvine and offered through Coursera
9. Building Arduino robots and devices an online non-credit course authorized by Moscow Institute of Physics and Technology and offered through Coursera

NPTEL CERTIFICATIONS:

1. PRINCIPLES OF SIGNAL AND SYSTEMS
2. SWITCHING CIRCUITS AND LOGIC DESIGN
3. OUTCOME BASED EDUCATION (GOLD)-2019

Other Achievements:

1. Ratified as Asst. Professor in 2010 in JNTUK selections.
2. Qualified for Asst. Professor -UGCNET-2019-DECEMBER

K. Krishnam Raju

Signature