RESUME

Name: JAYALAXMI.ANEM

Employee ID: A5ECE00T14

Department: E.C.E

Designation: Sr.Assistant. Professor

Date of Birth: 18-08-1983

Father Name: SURYARAO

Mother Name: JAYANTHI

Reservation Category if Any: BC-B

Address: D/O A.Suryarao, Temple Street,
Narasannapeta, Srikakulam(Dist)

Mobile Number: 9440559863

Email id: jayalaxmi.anem@gmail.com , jayalaxmi.anem@adityatekkali.edu.in

Date of Joining in the Institution: 30-06-2005

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D	JNTU, Kakinada	Pursuing	Registered in 2015-16
M. Tech (VLSI System Design)	JNTUK, kakinada	FIRST class	2011
B. E	Andhra University	FIRST class	2004

Total Years of Experience (Teaching/Industry): 13 Years

Period		Organization/Institution/ Industry	Designation
30-06-2005	06-08-2008	AITAM,TEKKALI	Assistant professor
6-12-2010	30-06-2013	AITAM,TEKKALI	Assistant professor
30-06-2013	Till today	AITAM,TEKKALI	Senior Assistant professor

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Areas of Interest:

1. Bio-Medical Signal Processing.
2. Speech Recognition.
3. Digital signal processing
4. Machine Learning for Engineering & science Applications

Guidance of Academic Projects: 07

i)   Masters Projects   : 01
ii)   Bachelor Projects : 08

Memberships of Professional Societies and Other Organizations:

ISTE (LM 58296), IETE(AM-210702)

Other Responsibilities:

1. Personnel file In-charge
2. Dept. GATE coordinator,
3. Disciplinary committee member
4. Department Women's Counselor
5. Department Students Counselor
6. Electronics-1 lab in charge
7. Student welfare committee member

Details of Publications: -

International Journals:

1. K.Krishnam raju, **A.Jayalaxmi**, M.Chaitanya Kumar "Analysis of polynomial windows for FIR filters for better spectral response", Internal Journal of Engineering Research & Technology (IJERT), Volume2, Issue12, December-2013, pp.2465-2475.
2. Snapala.Umamaheshwararao,Laxmi.Vandana,**Jayalaxmi.Anem**"Performance analysis of Haar wavelet based BPSK OFDM system with reduced PAPR" Internal Journal of Engineering Research & Technology (IJERT), Volume3, Issue4, April-2014,pp2005-2009.

3. Eppili.Jaya,K.Chitambararao, **Jayalaxmi.Anem** "FIR filter Design using new hybrid window functions" Internal Journal of Science,Engineering Research & Technology (IJSERT), Volume4, Issue6, June-2015,pp.1793-1797.
4. L.Vijaya Lakshmi, **A.Jayalaxmi** ,M.N.V.S.S.Kumar,P.SirishKumar "Radar target characteristics extraction using polarization scattering matrix"TELKOMNIKA Indonesian Journal of Electrical Engineering, Volume16 No.2, November-2015,pp.308-315.

5. P.Krishnarao,V.Laxmi, **A.Jayalaxmi**,Y.Srinivasarao "Denoising of ECG using combined window techniques" Internal Journal of Science,Engineering Research & Technology (IJSERT), Volume5, Issue5, May-2016,pp.1635-1638.
6. **Jayalaxmi.Anem,** G.SateeshKumar,"Denoising of EEG signal using FRFT based Barlett window",i-manager's journal on Digital Signal Processing, Volume5, No.1, January-March2017,pp.13-17.
7. D.V.L.N.Sastry, B. Anil Kumar, P.Kameswar Rao, V.Laxmi, A.Jayalaxmi, J.Swathi, "a comparative study of windows forspectral analysis" Vol. 4, Issue3, ISSN No. 2455-2143, International Journal of Engineering Applied Sciences and Technology, 2019.
8. **Jayalaxmi.Anem,** G.SateeshKumar , R.Madhu, ''Cat swarm Fractional calculus optimization based deep learning for artifacts removal from EEG signal," Journal of Expermental and theoretical Artificial Intellegence, ISSN:0952-813X,Dec 2019
9. D.V.L.N.Sastry, A.Jayalaxmi, V.Laxmi, J.Swathi,P.Kameswara Rao , '' Design of Hybrid-optimized Digital FIR Low pass Filter '' Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 12, Issue 4, 2021
10.**Jayalaxmi.Anem,** G.SateeshKumar , R.Madhu," A Noval approach for EEG signal artefact removal using Deep convolutional Algorithm," Turkish Journal of Computer and Mathematics Education. Vol.11 No.03 (2020), 1238- 1248
11.**Jayalaxmi.Anem,** G.SateeshKumar , R.Madhu," EEG signal artefact removal using flower pollination fractional calculus optimization," International Journal of Intelligent Computing and Cybernetics, Emerald Publishing Limited

National Conference:

S.No	Date	Name of the Program	Name of the Paper	Host Institute
1	May 2014	National conference on recent trends in electronics and communication engineering	Noval integrator and differentiator based on shadow technique	JNTU, Vijayanagram
2	20th &21st Feb,2015	Emerging Trends in Signal Processing And Communication Engineering(ESPCE)	Determination of Radar cross section by using polarization scattering Matrix	AITAM, Tekkali
3	20th &21st Feb,2015	Emerging Trends in Signal Processing And Communication Engineering(ESPCE)	Audio Equalizer with fractional order butterworth filter	AITAM, Tekkali
4	24th &25th Feb,2017	Two day national conference on Recent Advances in Biomedical signal, Image and video processing (RABSIVP-2K17)	Denoising of EEG signal using Frft basedbarlett window	AITAM, Tekkali

Details of Conferences / Workshops / Refresher Courses Organized:-

Details of Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1	8th,9th September ,2006	Recent trends in nanaelectronics	AITAM, Tekkali
2	12th,13th September ,2008	Recent Development in Information and Communication Tecnnology	AITAM, Tekkali
3	22nd September ,2008	Workshop on Recent Trends of Nano Technology	AITAM, Tekkali
4	28th – 30th Oct, 2010	Recent Trends in Image and Computer Vision Research	AITAM, Tekkali
5	SACAM-12	A Two day National workshop on "Soft-Computing Applications toCommunication And Management"(SACAM-12)	AITAM, Tekkali
6	24th-28th April,2012	Mission -10X	AITAM, Tekkali
7	19th January, 2013.	A One day workshop on Outcome Based Education	AITAM, Tekkali
8	8th March,2014	Role of women in today's society-challenges &opporunities	AITAM, Tekkali
9	1st -2nd Mar, 2013	Advances in Signal and Image Processing (ASIP-2013)	AITAM, Tekkali
10	12th June-2nd August 2014	Pedagogy for Effective use of ICT in Engineering Education	AITAM, Tekkali
11	15th -16th Nov ,2014	Twenty First Century the dawn of Digital Era:Pedagogical Issues of Technical Teachers	AITAM, Tekkali
12	6th Dec,2014	A One day workshop on Outcome Based Education	AITAM, Tekkali
13	20th -21th Feb,2015	Emerging trends in Signal Processing and Communication Engineering	AITAM, Tekkali
14	26th Sep-1st Oct 2016	Advances in Communication Technology	AITAM, Tekkali
15	13th & 14th July-2019	Two Day Workshop on Outcome Based Education	AITAM, Tekkali
16	22-6-2020 to 26-6-2020	One week FDP on Technological advances in communication systems	AITAM, Tekkali
17	July 27th –aug 1st-2020	1 week STTP on Antenna Design and Analysis Using Mathematical Solvers	AITAM, Tekkali
18	7th & 12th sep-2020	1 week STTP on Antenna Design and Analysis Using Mathematical Solvers	AITAM, Tekkali

| 19 | oct 29th & 3rd nov-2020 | 1 week STTP on Antenna Design and Analysis Using Mathematical Solvers | AITAM, Tekkali |

External: -

S. No.	Dates	Name of The Programme	Host Institution
1	1st-15th May,2016	Research Methodology	JNTUK, kakinada
2	16th -30th May,2016	Intellectual Property Rights	JNTUK, kakinada
3	27th,28th March 2017	Reconfigurable Hardware Design Cycle	GVP,Visakhapatanam
4	July-2018	FDP on STLD	NPTEL-IITM
5	July-2019	FDP on Accreditation and outcome based learning	NPTEL-IITM
6	18-05-20 to 22-05-20	Technological Interventions using Wireless Communication	NITTTR, Chandigarh
7	25-05-20 to 29-05-20	Research Trends in VLSI Design	NITTTR, Chandigarh
8	06/07/2020 to 10/07/2020	Nanoelectronics Devices and Circuits Design	NITTTR, Chandigarh

COURSERA Certifications:

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 Coursera

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

10) Logistic Regression with Python and NumPy an online non-credit course authorized by Rhyme and offered through Coursera

11) Predict Future Product Prices Using Facebook Prophet an an online non-credit course authorized by Coursera Project Network and offered through Coursera

12) Wireless Communications for Everybody an online non-credit course authorized by Yonsei University and offered through Coursera

13) Introduction to Programming with MATLAB an online non-credit course authorized by Vanderbilt University and offered through Coursera

Other Achievements:

1. Ratified as Asst. Professor in 2007 in JNTUH selections.
2. Ratified as Asst. Professor in 2011 in JNTUK selections.

Signature