RESUME

Name: EPPILI JAYA

Employee ID: A5ECE00T45

PAN Card ID: AAXPE5713H

P.F ID: AP/41230/403

Designation: Assistant Professor

Department: ECE

Date of Birth: 30-08-1983

Father Name: E PYDI RAJU

Mother Name: E PADMAVATHI

Reservation Category if Any: BC-D

Address: w/o BaratamSyamala Rao,
DO. NO:7-290/A,
Bandiveedhi, Narasannapeta,
SRIKAKULAM (Dist.)-532421.

Mobile Number: 9966496282

Email id: jaya.baratam@gmail.com

Date of Joining in the Institution: 07-07-2011

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D	JNTU, Kakinada	Pursuing	Registered in 2015-16
M. Tech (VLSI SD)	JNTU,Kakinada	FIRST class with distinction	2012
B. Tech	JNTU,Kakinada	FIRST class with distinction	2009

Total Years of Experience(Teaching/Industry): 11 years

Period		Organization/Institution	Designation
July 2011	Till Date	AITAM, Tekkali	Assistant Professor

Areas ofInterest:

1. Switching Theory and Logic Design.
2. Digital integrated circuit Applications
3. Microwave Engineering.
4. VLSI.
5. RE
6. MPMC
7. DSD
8. RSP
9. EDC
10. EMI
11. WCN
12. DLD
13. IOT

Guidance of Academic Projects:

i)   Doctoral Projects : -NIL
ii)   Masters Projects   : - NIL
iii)   Bachelor Projects : - 11

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 membership since 2017

Other Responsibilities:

1. Student counselor.
2. Women students' counselor.
3. Class teacher
4. Student counseling registers member during 2014 to 2015
5. B-Tech project guide.
6. NBA criteria 1,2,3 member from 2016
7. Dept. exam cell member from 2015 to 2016
8. Dept. Modular-SAC-EDC coordinator December 2017 to January 2019
9. Attendance registers incharge from February 2019
10. Department NBA criteria 7 cordinator.
11. VAC coordinator
12. IQAC member
13. Womens Grievance cell member

Details of Book Publications: - NIL

Details of Publications:

International Journals:

1. A. S. SRINIVASA RAO, P. MALLIKARJUNA RAO, **E. JAYA**, V. ASHOK KUMAR "**An Alternative approach to Design and Analysis of Broadband Beamspace Adaptive Arrays**" (IJEST, Vol. 3 No. 9 September 2011, ISSN: 0975-5462).

2. SrikanthLammatha,Prof. A. S. Srinivasa Rao, **E. Jaya** "**High Speed Symmetric Transparent BIST on FPGA**"(IJECCE,Volume 3, Issue 5, 2012, ISSN (Online): 2249–071X, ISSN (Print): 2278–4209).

3. **Eppili Jaya,** P. Krishna Rao, K. KrishnamRaju "**Analysis of Shadow Filter With Hybrid Windows**". **(**IJERT, Vol. 3 Issue 5, May – 2014, ISSN: 2278-0181).

4. **Eppili Jaya,** K.Chitambara Rao, jayalaxmiAnem "**FIR filter design using newHybrid Window functions**". **(**IJSETR, Vol.4 Issue 6, JUNE – 2015, ISSN: 2278-7798).

5. **Eppili Jaya,** K.Chitambara Rao "**Power, Area and Delay Comparision Of Different Multipliers**". IJSETR, Volume 5, Issue 6, June 2016, ISSN: 2278-7798.

6. K. ChitambaraRaoa, P.MallikarjunaRaob, A.S.SrinivasaRaoc, **E.Jaya**. "**Design and Realization of Practical FIR Filter using Fractional Fourier Transform and CSD Algorithm**" **ScienceDirect**, Energy Procedia, 2016 .

7. K. Chitambararao, **E.Jaya**,T.Viswanadham,L.Rambau. "**Design and Realization of PracticalFIR Filter Using Hybrid Window and CSD Algorithm**" IOSR Journal of VLSI and Signal Processing, (IOSR-JVSP) Volume 6, Issue 6, Ver. II (Nov. - Dec. 2016), PP 21-28 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197.

8. **Eppili.Jaya ,** B.T. Krishna, "**Moving Target Detection in Multichannel SAR Framework Using Adaptive Neuro Fuzzy Decisive Technique**" International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019. **(Scopus)**

9. **Eppili.Jaya** , B.T. Krishna, "**Adaptive Genetic Fuzzy Decisive Technique Based Moving Target Identification Using Multichannel SAR Set-up**" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-2S3, December 2019**. (Scopus)**

10. **Eppili.Jaya** , B.T. Krishna, **"Fuzzy-based MTD: A Fuzzy decisive approach for moving target detection in multichannel SAR Framework"** Data Technologies and Applications, Emerald Publishing Limited, ISSN: 2514-9288, Vol. 54, No. 1, January 2020, pp. 66-84. **(SCI)**

11. **Eppili.Jaya** , B.T. Krishna, **"A Particle Fuzzy Decisive Framework for Moving Target Detection in the Multichannel SAR Framework"** International Journal of Computational Intelligence and Applications, Vol. 19, No. 4, Oct 2020, DOI: 10.1142/S1469026820500327 **(Scopus).**

12. Tirumala Krishna Battula, **Jaya Eppili** "Visual features and Deep Maxout Network-based moving target detection using radar signals under sea clutter" **International Journal of Intelligent Systems, Wiley Publications,** ISSN: 1098-111X, August 2021, https://doi.org/10.1002/int22632 **(SCI)**

Details of Conferences / Workshops / Refresher Courses Organized: -

S. No.	Dates	Name of The Programme	Host Institution
1.	6th to 8th Oct 2018	Entrepreneurship Awareness Camp (EAC)	AITAM, Tekkali
2.	22nd June to 26th June 2020	Coordinator for One week Online Faculty development Program on Technological Advances in Wireless Communication Systems	AITAM, Tekkali

Details of Conferences / Workshops / Refresher Courses Attended:
Internal:

S. No.	Dates	Name of The Programme	Host Institution
1.	23rd April 2012	Mission10X Aarambh -Effective teaching and Learning methods	AITAM, Tekkali
2.	28th & 29th April 2012	A Two day National Workshop on "Soft Computing Applications to communications and Management" (SACAM-12)	AITAM, Tekkali
3.	19th Jan, 2013	Outcome Based Education (In compliance with NBA Accreditation)	AITAM, Tekkali
4.	1st -2nd	Advances in Signal and Image Processing	AITAM, Tekkali

	Mar 2013	(ASIP-2013)	
5.	08th Mar 2014	A Seminar on "Role of women in Today's society-challenges and opportunities	AITAM, Tekkali
6.	15th&16th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
7.	06th Dec, 2014	One Day Workshop on Outcome Based Education Under TEQIP Phase-II	AITAM, Tekkali
8.	26th Sep-1st Oct 2016	Advances in Communication Technology	AITAM, Tekkali
9.	5th July 2016	Workshop on Intellectual Property rights & Patents	AITAM, Tekkali
10.	25th Feb to 2nd March 2019	Practical RF Antenna Design with Simulation Studie	AITAM, Tekkali
11.	13th and 14th July 2019	Outcome based Education	AITAM, Tekkali
12.	22nd June to 26th June 2020	One week Online Faculty development Program on Technological Advances in Wireless Communication Systems	AITAM, Tekkali
13.	1st July to 5th July 2020	Five Day online Women Faculty development Program on "Overcome Your Mental Barriers-Unleash Your Inner Potential"	AITAM, Tekkali
14.	4th July to 8th July 2020	A One week Online FDP on " Machine Learning and its Applications"	AITAM, Tekkali
15.	27th July to 1st Aug 2020	One Week AICTE Sponsored online STTP on "Antenna Design and Analysis Using Mathematical Solvers"	AITAM, Tekkali
16.	9th Aug 2020	Webinar on "Preparation of quality journal papers and book chapters"	AITAM, Tekkali
17.	5th Sep 2020	Webinar on "Challenges in Good learning and assessment - post COVID 19"	AITAM, Tekkali
18.	7th Sep to 12th Sep 2020	One Week AICTE Sponsored online STTP on "Antenna Design and Analysis Using Mathematical Solvers"	AITAM, Tekkali
19.	15th Sep 2020	Webinar on "National Education Policy 2020 - What is it that we can do?"	AITAM, Tekkali
20.	29th Oct to 3rd Nov 2020	One Week AICTE Sponsored online STTP on "Antenna Design and Analysis Using Mathematical Solvers"	AITAM, Tekkali
21.	10th to	A One week Online FDP on "Machine	AITAM, Tekkali

	16th June 2021	Learning using Python Programming"	

External:

S. No.	Dates	Name of The Programme	Host Institution
1.	21st July 2012	A one day Workshop on Digital Communication Laboratory	M.V.G.R. College of Engg., Vizianagaram
2.	1st to 15th May 2016	Course work on Research Methodologies	JNTU, Kakinada
3.	16th to 30th May 2016	Course work on Intellectual Property rights & Patents	JNTU, Kakinada
4.	8th Nov to 13th Nov 2017	One week FDP on "Advanced Digital signal processing and applications"	MVGR, Vizianagaram
5.	21st to 24th April 2017	Short course and mini project on "Spectrum Sensing for MIMO-OFDMCognitive Radio Systems"	IIT Kanpur
6.	Jan-Apr 2018	A 12 week NPTEL course on Microprocessors and Microcontrollers	IIT Kharagpur
7.	Feb-Mar 2018	A 4 week NPTEL course on Outcome based pedagogic principles for effective teaching	IIT Kharagpur
8.	July-Oct 2018	A 12 week NPTEL course on Switching Circuits and Logic Design	IIT Kharagpur
9.	Jan-Apr 2019	A One and half week FDP on Introduction to Internet of things	IIT Kharagpur
10.	Aug-Oct 2019	A One week FDP on Accreditation and Outcome Based Learning	IIT Kharagpur
11.	13th and 14th Dec 2019	National Conference on Advances in Communication Technologies (NCACT 2019)	GITAM Unoversity, Visakhapatnam
12.	16th May-17th May 2020	Two day online FDP on Vlsi Circuits Analog And Digital Design Prespectives	JNTU Anantapuramu
13.	18th May to 22nd May 2020	One Week AICTE Recognized online FDP on Technological Interventions Using Wireless Communication	NITTTR Chandigarh
14.	18th May to 30th May 2020	Two Week online FDP on Android Application Development	APSSDC
15.	16th June to 20th June 2020	Five Day Online National Level Faculty Development Program on "Opportunities and Challenges in Next-Generation Semiconductor Devices"	ANITS, Visakhapatnam

16.	13th June 2020	Webinar on "ASIC-SOC Design Flow Methodology"	Raghu Engineering College, Visakhapatnam
17.	16th June 2020	Webinar on "Outcome-Based Education (OBE)"	Audisankara College of Engineering and Technology, Gudur
18.	17th June 2020	webinar on "Vehicular Ad-hoc Networks (VANET)"	Audisankara College of Engineering and Technology, Gudur
19.	18th June 2020	webinar on "MEMS Sensors"	Audisankara College of Engineering and Technology, Gudur
20.	16th June to 20th June 2020	Five Day Online National Level Faculty Development Program on "Opportunities and Challenges in Next-Generation Semiconductor Devices"	ANITS, Visakhapatnam
21.	1st July 2020	Knowledge 4.0, Technical Webinar Series= Webinar on "Methods and mechanism of CO2 and H2 adsorption in Metal-Organic frameworks"	Chennai Institute of Technology,Sarathy Nagar, Chennai
22.	1st July to 28th July 2020	60 Contact Hours online Faculty Development Program on "AI and Deep Learning"	APSSDC & 360 DigiTMG, INDIA
23.	11th July 2020	International Webinar on "Applications of Artificial Intelligence to Biosignal Analysis"	B.S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
24.	13th July to 18th July 2020	A One week Online FDP on "Recent Advances in Biomedical Applications and Communication Networks"	GMRIT, Rajam
25.	25th July 2020	National level Webinar on "Latest trends in Radar Signal Processing and its Applications"	Visakha Institute of Engineering and Technology, Visakhapatnam
26.	27th July 2020	Global Webinar on "Impact Of Covid19 On The Development Of Rural Economy - Challenges And Opportunities"	Lead India Foundation (USA) in association with JNTUA Ananthapuramu
27.	3rd Aug to 7th Aug 2020	Five Day online Workshop on "Python Programming"	360 DigiTMG, INDIA
28.	2nd August to 6th August 2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Advances in Signal Processing"	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

COURSERA Certifications:

1. AWS Fundamentals: Addressing Security Risk- 4 Week Study- authorized by Amazon Web Services and offered through Coursera, May 5, 2020.
2. Building Arduino robots and devices - 6 Week Study - authorized by Moscow Institute of Physics and Technology and offered through Coursera, April 27 2020.
3. AWS Fundamentals: Migrating to the Cloud- 4 Week Study- authorized by Amazon Web Services and offered through Coursera, May 4, 2020.
4. AI For Everyone – 4 Week Study - authorized by deeplearning.ai and offered through Coursera, April 15, 2020.
5. Introduction to Psychology- 6 Week Study - authorized by Yale University and offered through Coursera, April 29, 2020
6. AWS Fundamentals: Going Cloud-Native - 5 Week Study- authorized by Amazon Web Services and offered through Coursera, April 29, 2020.
7. AWS Fundamentals: Building Serverless Applications - 4 Week Study - authorized by Amazon Web Services and offered through Coursera, May 2, 2020.
8. Getting Started with AWS Machine Learning- 5 Week Study -authorized by Amazon Web Services and offered through Coursera, April 30, 2020.
9. Wireless Communications for Everybody - 6 Week Study - authorized by Yonsei University and offered through Coursera, , April 24, 2020.

Certifications:

1. 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.
2. Participated in the "Quiz on Basic Electronics" conducted by the Department of ECE, GMR Institute of Technology, Rajam on June 9th 2020 and secured 96% score.
3. Participated in E-Quiz Series- A National level 5 Day Technical E-Quiz in Day 5: "Outcome Based Education and NBA Accreditation" organized by Department of ECE of Anil Neerukonda Institute of Technology and Sciences (AUTONOMOUS), Visakhapatnam on 14th June, 2020.
4. Participated in the "Quiz on Digital Electronics" conducted by the Department of ECE , GMR Institute of Technology, Rajam on June 4th 2020 and secured 84% score.
5. Got certified with 98% from NPTEL online certification course (8 Weeks) on "Fuzzy logic and Neural Networks" conducted by IIT, Kharagpur from Feb to April 2020.

Other Achievements:

1. Secured **University 6th rank**(JNTUK) in final year second semester of B-Tech.
2. Ratified as Asst. Professor in March 2013 by JNTUK selections.
3. **Qualified** as Assistant Professor in **UGC NET** December 2014 with 66.29%.
4. **Mentor** for NPTEL online course for subject MPMC during Jan-Apr 2018
5. Stood in **Top 5%** for NPTEL online course "Switching Circuits and Logic Design" during July-Oct 2018.
6. Secured **97% "Elite+Gold Certificate"** for NPTEL online course "Introduction to Internet of things" during Jan-Apr 2019.
7. Stood in **Top 5% and 92% "Elite+Gold Certificate"** for NPTEL online course "Accreditation and Outcome Based Learning" during Aug-Oct 2019.

Signature