

RESUME

Name: Jallu Swathi

Employee ID: A5ECE00T04

Designation: Asst. Professor

Department: ECE

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Father Name: J Rama Rao

Mother Name: J Krishna veni

Reservation Category if Any: BC-A

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Date of Joining in the Institution: 20-12-2012

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech (VLSI System Design)	JNTUK,Kakinada	FIRST class with distinction	2012
B. Tech	Andhra University	FIRST class with distinction	2006
Ph.D	JNTUK,Kakinada	Registered	2020

Total Years of Experience: 8

Period		Organization/Institution	Designation
Dec 2012	Till Date	AITAM, Tekkali	Asst.Professor

Areas of Interest:

1. Wireless Communication
2. VLSI technology

Guidance of Academic Projects:

- i) Masters Projects :2
- ii) Bachelor Projects : 07

Memberships of Professional Societies and Other Organizations: ISTE

Other Responsibilities:

1. Time Table- member
2. Criterion-V member
3. Women Counseling Member
4. Students Counselor
5. Discipline committee member

Details of Publications:

1. Implementation of digital Steganography using image files-a Computational approach Volume 10, Issue 5 (May 2014), PP.06-10, IJERD, Bendalam Vijay, **Jallu Swathi**
2. An Efficient Fast Hadamard Transform Oriented Digital Image-In-Image watermarking Volume 3 Issue V, May 2015 IC Value: 13.98 ISSN: 2321-9653, www.ijraset.com., Bendalam Vijay, **Jallu Swathi**
3. "Credit Card Detection Analysis", Bendalam Vijay, **Jallu Swathi**.
4. Volume 4 Issue II, Feb 2016 IC Value: 13.98 ISSN: 2321-9653, www.ijraset.com.
5. "Design of Area Efficient CMOS 8-bit Magnitude Comparator", ISSN No:2348-4845, www.Ijmetmr.com. Dr.MNVSS Kumar, **J.Swathi**
6. Laxmi Vandaana, **J.Swathi**, D.V.L.N.Sastry, ,, "De-noising of ECG signal using hybrid adaptive filters""", i- managers jornal on digital signal processing, vol:5,no:1, January-march-2017.
7. "Medical image enhancement by Hybrid image using Fusion technique".
B.Anil kumar D.V.L.N.Sastry, P.kameswara rao ,J.Swathi,© 2019 JETIR January 2019,
Volume 6, Issue 1 www.jetir.org (ISSN-2349-5162)
- 8.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, Issue 3, ISSN No. 2455-2143, International Journal of Engineering Applied Sciences and Technology, 2019.
9. J. Swathi, B. Rama Rao "Design Of Compact Broadband Microstrip Antenna For Uwb Applications", I-Manager's Journal On Communication Engineering And Systems, Vol. 8Lno. 1 Lnovember 2018 - January 2019
10. 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

Details of Conferences / Workshops / Refresher Courses Attended: 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	8 th – 10 th Jan, 2014	Frontiers in Machine Learning Algorithms	AITAM, Tekkali
4	15 th & 16 th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
5	09 th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
6	26 th Sept– 01 st Oct, 2014	Advances in communication technology	AITAM, Tekkali
7	25 th feb– 2 nd march, 2019	Practical RF Antenna Design With Simulation Studies	AITAM, Tekkali
8	13 th & 14 th July-2019	Two Day Workshop on Outcome Based Education	AITAM, Tekkali
9	July 27 th –aug 1 st -2020	1 week STTP on Antenna Design and Analysis Using Mathematical Solvers	AITAM, Tekkali
10	7 th & 12 th sep-2020	1 week STTP on Antenna Design and Analysis Using Mathematical Solvers	AITAM, Tekkali
11	oct 29 th & 3 rd 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	5 th & 19 th Aug- 2019	Design challenges in deep sub-micron technology	RIT, VIZAG
2	27 th & 28 th mar-, 2017	Reconfigurable hardware design cycle.	GVP, VIZAG
3	July-2018	FDP on STLD	NPTEL-IITM
4	July-2019	FDP on Accreditation and outcome based learning	NPTEL-IITM
5	18-05-20 to 22-05-20	Technological Interventions using Wireless Communication	NITTTR, Chandigarh

6	25-05-20 to 29-05-20	Research Trends in VLSI Design	NITTTR, Chandigarh
7	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 2014 in JNTUK selections.

Signature