

TEJASHWINI Y
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Work experience: *2.5 years*

- Worked as Lecturer in ECE Department Of Sambhram Institute Of Technology Bangalore From 2012
- Promoted As Assistant Professor from February 2014 In Department Of ECE

Educational Qualification

- Ph.D.[Electronics and communication engineering] from visvesvaraya Technological University,2024.
- M.Tech[Digital Electronics] from G.M Institute Of Technology, Davangere,VTU,2012 With First Class With Distinction
- B.E[ECE] from Bapuji Institute Of Technology,Vtu,2008

Dissertation Details

“Novel Approach to improve The Crop Yield And Yield Prediction By Remote Sensing The Data For Precision Agriculture”.

Patents Filed

- 1.ANN Mathematical Model For Crop Identification Based On Time Series Data.[Application No -202341078042]
2. Real time prediction of vegetative indices and crop yield using ANN and mathematical model with bio-physical parameters as inputs.[Application No - 202341078041]

Roles And Responsibilities

- Held The Position Of Class Co-Ordinator
- Guided Final Year Be Student Projects
- Member Of Wipro Mission 10x Team
- Held The Position Of Department Library Incharge

Membership

Life Member of “The Indian Society For Technical Education” (ISTE)

– LM 89311

Core Subjects Taught

Electronic Circuits, Microprocessor 8086, Antenna And Propagation, Microwaves And Radar,

Journal Publication

- “Design Of Embedded Web Server Capable Of Capturing Real Time Online Video” is Published In Elsevier
- “A Novel Approach For Analyzing The Paddy Fields Using Vegetative Indices By Remote Sensing The Data For Davangere Region“ *is published in International Journal of Innovative Science and Research Technology Journal February issue, volume2 ISSN No :- 2456-2165 Impact Factor :- 6.253*
- “An Artificial Neural Network Model For Estimating Paddy Crop Using Remotely Sensed Information For Davangere Region“ is published in Rare Metals Materials and Engineering Press Journal August issue ISSN No ISSN 1002-185X

- “Machine learning based crop yield prediction using NDVI,SAVI,NDWI,NDBI feature vectors“ is published in Journal Of Southwest Jiaotong University August issue,volume 58 ISSN No :- 02582724

International And National Conference Attended

- Paper presented on “Design of Embedded Web Server capable of Capturing Real Time online video” In Second International Conference on Emerging research in “Computing, Information, Communication and Application” ERCICA – 2014 at Nitte Meenakshi Institute of Technology on 1st and 2nd August 2014.
- Paper presented On “VLSI Architecture for FIR Filter” in the National Conference ETECE – 2014 at APS College of Engineering, Bangalore on 28th & 29th March 2014and published in conference Proceedings
- Paper presented on “Design of Embedded Web Server capable of Capturing Real Time online video” In NCECB -2014 at Sri Siddhartha Institute of Technology, Tumkur on 9th and 10th May 2014.
- Paper Presented on “Challenges for Faculty of Technical Education in the Competitive Environment” at ISTE Karnataka & AMC Engineering College, Bangalore on 11th and 12th October 2103.
- Paper Presented on “ Challenges in Value based Technical Education and Accreditation” in ISTE Karnataka Section at KS Institute Of technology, Bangalore on 20th November 2014.

Workshops Attended

- Participated the TEQIP –II on Antenna Technologies at BMS college of engineering, Bangalore on 27th Jan -1st Feb 2014.
- Participated in Two Days Workshop on “Research Methodology & LaTeX” for research scholars held at Sambhram Institute Of Technology, Bangalore on 21st and 22nd October 2013.
- Attended 3 - Days training on “Bhuvan overview” organized by National Remote Sensing Centre ISRO Dept of space Hyderabad on July 30 to August 1 2019
- Attended 1 day workshop on “IOT on Agriculture” organized by IISC, Dept of Electrical & Electronics – Bangalore
- Participated 4 day webinar on” an effective research paper writing skills “ 13 to 16 april 2020

MRS TEJASHWINI. Y

Date : 2-2-2024

To,
Principal
Bapuji Institute of Technology
Davangere-577004

Respected sir

Sub : Resume For The Post Of Assistant Professor In The Department Of
ECE In Your Institution

With reference to the above subject.I am here with enclosing the resume for your Assistant Professor position in your institution. I have submitted my PhD thesis in January 2024 and also served as Assistant Professor in Sambhram Institute Of Technology Bangalore .I would appreciate if given an opportunity to serve in your institute, kindly consider my application.

Thanking you

Sincerely,

Tejashwini..Y

Enclosure: Resume