



POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

SPONSORED BY SKPVV HINDU HIGH SCHOOLS COMMITTEE, Estd : 1906

APPROVED BY AICTE, NEW DELHI, AFFILIATED TO JNTU KAKINADA

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED

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COLLEGE CODE : **PSCV** [EAMCET, ECET, ICET, POLYCET]



FACULTY PROFILE

A.V. Kiranmai,

Flat No:401,
G.V.S. heights Apartment,
Ajithsingh Nagar,
Vijayawada.



Mobile: +91-9989160999

E-mail: vimalakiranmai@gmail. com

Experience:

Teaching: 14

Industry: -

Career Profile

Year	Organization	Role
2019	PSCMECET	Assoc.Professor
2018-2019	NRI Institute of Technology,Vijayawada	Assoc.Professor
2013-2018	SVCE,Tirupathi	Asst.Professor
2011-2013	YITS,Thirupathi	Asst.Professor
2010-2011	Kaushik College of Engg,Vizag	Asst.Professor
2007-2010	Raghu Engineering College,Vizag	Asst.Professor
2005-2006	Dr V.R.K.C.E.T,Jagtial	Asst.Professor

Qualification

Degree and Date	Board / University	Date of Completion	% Marks
M.Tech	AU	2009	8.62
B.Tech	JNTUK	2005	62
Diploma	SBTET	2000	70.6
SSC	State Board of Secondary Education	1995	77

The subjects handled:

- Signal and systems
- Radar systems
- Microwave Engineering
- Cellular and Mobile Communication
- Wireless communication and networks.
- Digital communications
- Analog Communications
- Digital Signal Processing
- Digital Image Processing
- Switching Theory And Logic Design
- Electromagnetic theory and Transmission Lines

Certifications

Certification	Date Certified
NPTEL course on Digital Image Processing	Jul-Oct-2018
NPTEL course on Basics of Software defined Radio and practical applications	Jan-Feb-2019
NPTEL course on Remote Sensing and Digital Image Processing of Satellite data	Jul-Oct-2019

Affiliation to Professional Bodies

IAENG
IACSIT
IRED

Publications

1. **"Performance of watershed dissection method for fetal incongruities in prenatal stage from sonogram images"** by A.V.Kiranmai, M.Hemalatha, and M.Dharani.
2. **"Fractal Analysis of Tumors by Adaboost Support Vector Machine"** by D.Sakunthala, A.V.Kiranmai.
3. **"Automatic Waist Airbag Drowning Prevention System Based on Motion Information Measured by Memos Accelerometer and pressure"** by S.Nagalikitha, A.V.Kiranmai.
4. **"Facial Point Detection and Emotion Recognition for A Humanoid Robot"** by A.V.Kiranmai¹, S.Karimulla.
5. **"A Methodology for MRI image segmentation using Cuckoo Search optimization technique"** by Manaswi,A.V.Kiranmai .
6. **"Image fusion using fast discrete curvelet transforms"** by B.Sudharani, A.V.Kiranmai, N.Suguna.
7. **"Contrast Enhancement of Satellite Images Using Dual- Tree Complex Wavelet Transforms Technique"** by M.Hemalatha Dr.S.Varadarajan,A.V.Kiranmai.
8. **"Extraction of Impulse noise using FPGA"**by A V Kiranmai,L.Sonia,Y.Anudeep,V.Venkatesh.
9. **"Normalized Difference Vegetation Oindex(NDVI) based Land Cover classification using ArcGIS"** by A V Kiranmai,N.Aparna,B.Jyothi sree,D.Pavan Kalyan,K.Suresh.

Conferences, Seminars, Workshops & Guest Lectures Attended

- One day workshop on **"Recent trends in Embedded systems"**
- A two day Technical Seminar on "Advancements in **"Video Processing"**
- A two day workshop on **"Advancements in VLSI Design"**
- A two day workshop on **"Effective research Methodology"**
- A two week FDP on **"L-BAND DATA PROCESSING FOR REMOTE SENSING APPLICATIONS AND NUMERICAL WEATHER PREDICTION"**
- One week online FDP on **Python 3.4.3** organized by AVIT in collaboration with IIT Bombay.
- One week online FDP on **Scilab** organized by PSCMR CET in collaboration with IIT Bombay.
- One week online FDP on **Internet of Things(IoT)** organized by AICTE Training and Learning academy at IIIT,Nagpur.
- Two weeks online FDP on **Prayog- Experiments on click-using virtual labs** organized by Department of Instrumentation Engineering, Vidyavardhini's College of Engineering and Technology, Vasai, (NC-17) in association with College of Engineering, Pune(COEP)
- 5 days online FDP on **"Modern Research Trends in Communication, Signal Processing and VLSI/MEMS"**, organized by Andhra Loyola Institute Of Engineering And Technology.

Signature