



**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY**

Sponsored by: SKPVV Hindu High School Committee, Estd:
1906 (Approved by AICTE Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified

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FACULTY PROFILE

N.MOUNIKA

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Experience:

Teaching: 2 years

Industry: -

Career Profile

Year	Organization	Role
2017 to till date	PSCMR CET	Assistant professor
2016-2017	Stella Degree college	Electronics Lecturer

Qualification

Degree and Date	Board / University	Date of Completion	% Marks
M.Tech 2014-2016	JNTUK	2016	78%
B.Tech 2010-2014	JNTUK	2014	76.5%
Intermediate 2008-2010	Intermediate Board	2010	85.3%
SSC 2007-2008	SSC	2008	83.5%

The subjects handled:

- Analog communication

- Switching theory and logic design
- Linear IC Applications
- Optical communication
- Cellular mobile communication

Certifications

Certification	Date Certified
A course on web designing	2014

Affiliation to Professional Bodies

IAENG (International Association of Engineers) - 190579

IJASEIT (International Journal on Advanced Science, Engineering and Information Technology)

Publications

- Published a paper titled “ICI Cancellation in OFDM systems under Stanford university interim channel model” in **SPRINGER** journal.
- Published a paper titled “PREVENTION OF FIRE ACCIDENTS IN RAIL TRANSPORT” in **SPRINGER** journal.
- Published a paper titled “IMAGE BASED CURRENCY RECOGNITION SYSTEM” **SCOPUS** indexed journal (International Journal of Pure and Applied Mathematics).
- Accepted a paper titled “Efficient Energy Minimization Technique for Massive MIMO under Pilot Contamination” for IEEE conference which would be published in **IEEE**
- Published a paper titled “Compressive sensing in Image de-noising” in UGC Approved Journal, IJMET.
- Published a paper titled “Inter Carrier Interference Cancellation in OFDM Systems under Different Channeling Environments” in International Journal of Innovative Research in Science, Engineering and Technology.

Conferences, Seminars, Workshops & Guest Lectures Attended

Conferences

- ❖ Attended conferences at Guru Nanak Institute of Technology and presented a paper titled "Prevention of Fire Accidents in Rail Transport" which is selected for Springer.
- ❖ Attended conferences at Guru Nanak Institute of Technology and presented a paper titled "ICI Cancellation in OFDM systems under Stanford university interim channel model" which is selected for Springer.
- ❖ Attended conferences at Guru Nanak Institute of Technology and presented a paper titled "A Gaussian Pyramid Based Image Fusion Technique in the DCT Domain" which is selected for Springer.
- ❖ Attended conference at PSCMRCET and presented a paper titled "Image Based Currency Recognition System" which is selected for SCOOPUS.
- ❖ Attended conferences at PSCMRCET and presented two papers in second international conference on contemporary Engineering and Technology-2018.
- ❖ Attended conferences at PSCMRCET and presented two papers in First international conference on contemporary Engineering and Technology-2017
- ❖ Attended conferences at ICETSEM-2018 and presented a paper titled "Compressive sensing in Image de-noising"

Seminars, Workshops Attended

- ❖ Attended the workshop on "Long term evolution and advances in mobile communications" conducted by SRKIT, December for one week.
- ❖ Attended two day workshop at VVIT on Antennas.
- ❖ Participated in two-day Faculty Development program on "Real Time Signal&Image Processing.
- ❖ Attended workshop titled "**5G TECHNOLOGY KNOWLEDGE AND SKILLS**" ON 24th AUGUST 2018 under the seal of UTL TECHNOLOGIES LTD.
- ❖ Participated in Meity, Govt. of India, sponsored one week Faculty Development Programme on "**RECENT ADVANCES IN COMMUNICATIONS & SIGNAL PROCESSING**" organized by E&ICT Academy National Institute of Technology, Warangal at NRI institute of Technology, Vijayawada, from 29-10-2018 to 04-11-2018.
- ❖ Participated in 3 Day "**FEVICRYL WORKSHOP**" organised by PSCMRCET, during 20-12-2017 TO 23-12-2017.
- ❖ Participated in 3 Day Faculty Development Programme on "**MAGICAL TEACHER**" organised by ROTARY CLUB OF VIJAYAWADA at PSCMRCET, during 12-11-2018 to 14-11-2018.

Guest Lectures Attended

- ❖ Attended IEEE National Workshop in "Pattern based Competence Building" by Ravi Shankar on 29/11/2017, PSCMRCET
- ❖ Attended Guest Lecture on "Introduction to Speech processing and its applications" by Dr.K. Sreenivasa Ravi on 01/09/2017

- ❖ Attended Guest Lecture on “Opportunities in VLSI Industry” by Basavaiah, Technical Leader, ARICENT TECHNOLOGIES, Bengaluru on 28/12/2017.
- ❖ Attended Guest Lecture on “ Domain Overview for Embedded Systems” by Ravi Tammana on 09/02/2018

Events organized/ Conducted

- ❖ Acted as a supporting member for a 5-Day workshop on “**PCB DESIGN**” organized by Departments of E.C.E & E.E.E in association with IEI Student Chapter from 11-09-18 to 15-09-18.
- ❖ Conducted a 3-Day workshop on “SCILAB Applications in ECE” 28-06-18 to 30-06-18.
- ❖ Acted as a Resource person of 5 Day workshop on PCB Design from 21st to 26th August, 2017; PSCMR CET.
- ❖ Acted as a Resource person of 3 day workshop on SCILAB from 29/06/2017 to 01/07/2017, PSCMR CET

PATENT RIGHTS

- PATENT Application is published in “INDEAN PATENT SERVICES, Department of Industrial policy and promotion, Government of India”; with title of invention “A SYSTEM AND METHOD FOR PREVENTING FIRE IN RAIL TRANSPORT” on 22nd December 2017 and submitted for Government Filing.

Funding Projects Handled (If any – Please provide the details of the project)

NIL

N.Mounika

Signature