

K.Parvathi, PhD



- **Present Address : Principal**
Jagannath Institute for Technology and Management (JITM)
Post Seethapur via Uppalada
Paralakhemundi - 761 211.
Gajapati, Orissa.
Tel : +91 (6815) 223088 / 223099
Mobile: 09437434785 222241 (R)
Email : principal@jitm.org ; kparvati16@gmail.com

JOB HISTORY: 15 years of Teaching Experience.

- **Worked as a Vice-Principal (Acad) & Associate Professor in the Department of Electronics & communication Engineering in Jagannath Institute for Technology and Management Orissa , from 17-09-06 to 26-04-2009.**
- **Worked as a Associate Professor in the Department of Electronics and communication Engineering in Gandhi Institute of Engineering & Technology, Gunupur, Orissa for 1 year , from 02-09-2005 to 31-08-06.**
- **Worked as a Assistant Professor and Head of the Department in the Department of Electronics & communication Engineering in Majhigarani Institute of Science & Technology, Rayagada, Orissa for 4 years , from 10-01-2002 to 31-07-2005.**
- **Worked as a Senior Lecturer in the Department of Electronics&communication Engineering in Gandhi Institute of Engineering & Technology, Gunupur,Orissa for 2 2 years , from 24-12-1999 to 23-12-2001.**
- **Worked as a Lecture and Head of the Department of Electrical Engineering in Institute of Engineering and Management, Jeypore, Orrissa for 1 year from 17-07-1998 to 20-08-1999.**

- Worked as a Lecturer in the Department of Electronics & communication Engineering in Orissa College of Engineering and Technology , Bhubaneswar , Orissa for 4 years , from 26-6-1994 to 16-06-1998.

EDUCATION:

Nature of the Degree	Name of the University	Year of Passing	% obtained
PhD (Image segmentation)	Andhra University	2009—2010 (thesis submitted)	
MTech (communication systems)	Andhra University	2004	76%
P.G.D.C.A	NICA, BBSR	1994	74%
BTech (Electronics & communications)	Osmania University	1989	75% (distinction)
Intermediate	Govt.college for women Guntur	1985	72%
S.S.C	Schade Girls high school Rajahmundry	1983	77%

List of Publications:

Papers in Referred journal :

- **K. Parvati *etal*, “Image Segmentation Using Gray Scale Morphology and Marker Controlled Watershed Transformation, Hindwai Publishing Corporation, Discrete Dynamics in Nature and Society, ID-384346, 10.1155-2008-384346**
- **K. Parvati *etal*, “pyramidal watershed segmentation algorithm for high resolution remote sensing images using discrete wavelet transforms.” Hindwai Publishing Corporation, Discrete Dynamics in Nature and Society, (accepted for publication)**
- **K. Parvati *etal*, “DTM generation and feature extraction from satellite images of hilly terrains using wavelets and watersheds” , International journal of Remote sensing,**

Papers in conferences :

- **k.parvati, Debendra ku.sahoo, Satysis Mishra,*etal*, “Format Frequency Estimation of Speech Signal:-A New Approach”, ITTECH-09, 4th March-5th March’09(Accepted for Presentation)**
- **K. Parvati *etal*, “DTM generation and feature extraction from satellite images of hilly terrains using wavelets and watersheds” , National conference on Morphological transformation- image processing, April’ 09 (accepted for presentation)**

Workshops :

- **Participated in workshop on “ Applied Soft Computing and Machine Intelligence” Silicon Institute of Technology” , November’05.**
- **Participated as a resource person in National level workshop on “MATLAB & its Application” in the month of March’08.-JITM.**
- **Participated in National level workshop on “ROBOTIS” in Feb’08.-JITM.**

- Participated in National level workshop on “National level workshop on “language proficiency skills and Co-operative learning techniques.” from 28-04-08 to 01-05-08.
- Participated in AICTE –staff development programme on“ Soft computing techniques and its applications to Engineering” from 1st - 13th Dec 2008.

Key Achievements:

- Led the department of Electronics and Instrumentation department for successful accreditation by the NBA-AICTE , July’08.
- Played a key role as a Project coordinator for the establishment of “Circuits and Design simulation” lab under MODROBS –AICTE scheme.- JITM.
- Organized AICTE –staff development programme on“ Soft computing techniques and its applications to Engineering” in JITM as aco-coordinator.
- Organized National level workshop on “MATLAB & its Application” in the month of March’08.-JITM as a Coordinator.
- Orgaized National level workshop on “ROBOTICS” in the month of FEB’08.-JITM as a coordinator.
- Led the department of Electronics and communication department for successful accreditation by the NBA-AICTE , July’07.
- Played a key role as a Project co- coordinator for the establishment of “ Design and simulation” lab under MODROBS –AICTE scheme- GIET ,Gunupur, 2005-'06.
- Established the department of Electronics and communication Engineering laboratories as a HOD for 4 years in MITS , Rayagada , orissa.

Awards :

- National Merit Scholarship , Govt. of Andhra Pradesh . 1983
- Best Teacher , JITM, Orissa, 2008.
- Best Teacher , JITM, Orissa, 2007.

**Professional skills: Good knowledge in MATLAB , XILINX, MICROWIND ,
ORCAD softwares.**

Professional membership: Life member of ISTE chapter.

**Projects: Guided 20 BTech student projects .
Guided 2 MTech student project as a research scholar of
Andhra university 2007-'09.**

Personal

Date of Birth : 16th January 1968

Citizenship: Indian

Languages known : English , Hindi, Telugu, Oriya.