

Ms.M.Vidya

Designation : Assistant Professor
Email : m.vidya@skct.edu.in

Teaching Experience : 2 years 5 months

Qualification : M Tech (Biomedical Engineering), BE (EIE)

Special Areas of Interest : Industrial Instrumentation and Biomedical Instrumentation

Workshops / Seminars / Conferences organized	
Title	Funded By
One Day workshop on Biomedical Devices and Technologies from TMI Systems Bangalore	ICE Association : SKCT
Seminar on Role of Instrumentation Engineers in Process Industries	ICE Association : SKCT
One Week Faculty Development Programme on Process Control	ICE Association : SKCT

Continuing Education Programmes	
PROGRAMME	HELD AT
Training Programme on Unleashing Your Hidden Potentials	Sri Krishna College of Engineering & Technology, Coimbatore
Training Program on "How to funded projects? And how to write an Effective Research Proposal"	Sri Krishna College of Engineering & Technology, Coimbatore
Personality Development Programme on "Motivation and Basic Communications for Fresher	Sri Krishna College of Engineering & Technology, Coimbatore
Personality Development Programme on "Writing and Using Learning Outcomes"	Sri Krishna College of Engineering & Technology, Coimbatore
Seminar on "Research Issues in Image Processing"	Sri Krishna College of Engineering & Technology, Coimbatore
Workshop on "Research Issues in Digital Image Processing"	Sri Krishna College of Engineering & Technology, Coimbatore
Workshop on "Emerging Trends in Control Engineering"	VIT University , Vellore
Faculty Development Programme on "Process Control and its Applications"	Sri Krishna College of Technology, Coimbatore
Faculty Development Programme on "Industrial Instrumentation - II	Kumaraguru College of Technology Coimbatore
Workshop on "Outcome Based Education"	Sri Krishna College of Engineering & Technology, Coimbatore
National Level Seminar on "Technologies for Diabetic Care and Management"	Avinashilingam University, Coimbatore

Membership of Professional Bodies

PROFESSIONAL BODIES	TYPE OF MEMBERSHIP
IAENG	Life Member
ISA	Annual Member

Course materials prepared
MEMS
Instrumentation in Paper Industries
Industrial Instrumentation -II
Biomedical Instrumentation
Analytical Instrumentation
Electrical machines

Paper Publications (Conferences)	
TITLE	CONFERENCE
Multiphysics Modelling and Analysis of DBS Electrodes: Application to Parkinson's disease	COMSOL Conference, October 17-18, 2013, Bangalore, India
Computational Modelling and Analysis of Thermal Characteristics of DBS Electrode in Application to Parkinson's Disease	International Conference on Advances in Electrical Engineering (ICAEE 2014) at VIT University Jan 2014

Paper Publications (Journals)	
TITLE	Journal
Study and Analysis of Various Pre-Processing Techniques used in Breast Cancer Detection using Image Processing	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 4 Issue V, May 2016 ISSN: 2321-9653 Page No.: 495-499. Impact Factor 1.214

Online Courses Undertaken	
Title	Open course
"Essential Human Biology: Cells and Tissues"	edX Honor Code Certificate
"CPR, AED & First Aid Training"	edX Honor Code Certificate
"Introduction to Biomedical Imaging"	edX Honor Code Certificate from University of Queensland Australia
"How to become a Biomedical Engineer"	edX Honor Code Certificate