

Ms.SHANTHI. K

Designation : Assistant Professor
 E Mail :k.shanthi@skct.edu.in
 Teaching Experience : 13 year
 Qualification : ME (Communication Systems), BE (E&I)
 Special Areas of Interest : Control system, Programmable Logic Controller

Events organized	
Title	Funded By
Entrepreneurs day events	ICE Association: SKCT
Engineers day events	ICE Association: SKCT
English day events	ICE Association: SKCT
GRAFFITTI	ICE Association: SKCT
Slogan Writing	ICE Association: SKCT
AZAADI'70	ICE Association: SKCT
PRERANA-Social welfare club	ICE Association: SKCT
Two Days Hands on workshop on "EMBEDDED SYSTEM DESIGN AND ARDUINO IDE"	Caliber Embedded Technologies, Coimbatore.
One credit course on IOT using Node MCU	IPCS Automation, Coimbatore
3 Credit Course on PLC,SCADA,DCS,VFD &HMI	IPCS Automation, Coimbatore
Outreach program for Polytechnique students	Collaborated with IPCS Automation
One credit course on PLC wiring	IPCS Automation, Coimbatore

Continuing Education Programmes	
PROGRAMME	HELD AT
Workshop on Technical Communication from British English Council(BEC)	Sri Krishna College of Engineering and Technology, Coimbatore.
Faculty Development Program – PLC	Sri Krishna College of Technology, Coimbatore.
Seminar – PLC Automation	Sri Krishna College of Technology, Coimbatore.
CPDT – How to get your projects funded from agencies - UGC	Sri Krishna College of Engineering and Technology, Coimbatore.

Personality Development Program	Sri Krishna College of Engineering and Technology, Coimbatore.
TEQIP Sponsored Faculty Development Programme	Government College of Technology, Coimbatore.
Faculty Development Program-Process Control	Sri Krishna College of Technology, Coimbatore.
Industrial training- Robotics and Automation	Axis Global Automation, Coimbatore.
CPDT- State of Art technologies followed in industries	Sri Krishna College of Engineering and Technology, Coimbatore.
Industrial training on DCS	Bannari Sugars/ Nanjenkode/27.2.16
Faculty Development Program on Industrial Instrumentation	Kumaraguru College Technology
Workshop on VLAB and VTU Lab	Kumaraguru College Technology
Sixth Sense Technology	IIT, Mumbai
Three Days FDP on Intelligent Control	Sri Krishna College of Engineering and Technology, Coimbatore
One week training on Virtual Labs	College of Engineering, Pune
Three Days FDP on LabVIEW for Biomedical Applications	Velalar College of Engineering and Technology
Workshop on Community and team development	Sri Krishna College of Engineering and Technology
Web Conference-Mathematical modeling in Robotics	Sri Krishna College of Engineering and Technology
Guest Lecture-Current trends in Nuclear Power Generation	Sri Krishna College of Engineering and Technology
Guest Lecture - Digital Signal processing	Sri Krishna College of Engineering and Technology
Web Conference-Application of Statistics in Biomedical Research	Sri Krishna College of Engineering and Technology
Web Conference- Robotics and Automation	Sri Krishna College of Engineering and Technology
Short Term Training Program-Medical Electronics	Sri Krishna College of Engineering and Technology, Coimbatore
Workshop - Design of Heat Exchanger	VIT, Vellore
Workshop- Recent Trends in Industrial Process Automation(RTIPA-2019)	NIT, Trichy

Membership of Professional Bodies	
PROFESSIONAL BODIES	TYPE OF MEMBERSHIP
MISTE	Annual Member

Course materials / Monographs prepared/Book Published
Computer Control of Process – First Edition ,CBA Publisher, Chennai
Computer Control of Process – Second Edition, CBA Publisher, Chennai
Computer Control of Process – Third Edition, CBA Publisher, Chennai
Programmable Logic and Distributed Control System ,CBA Publisher, Chennai
Biomedical Instrumentation, CBA Publisher, Chennai

Paper Publications (Conferences)	
TITLE	CONFERENCE
Design and Analysis of FOPID or Coupled Two Tank Process Control using Genetic Algorithm	International Conference
Reduction of Data Losses and Packet Dropouts in Networked Control System using H_{∞} Controller	International Conference
Safe Propellant Loading in Pyrotechs Using Virtual Instrumentation	International Conference

Paper Publications (Journals)	
TITLE	Journal
Segmentation of brain tumour from MRI images by improved fuzzy system	International Journal of Advances in Engineering and Technology
Modeling and controlling of conical tank system using adaptive controller and conventional PID controller and comparison of their performances	International Journal for Science and Advance Research in Technology
Propellant Mixing and Loading in Pyrotechs using Virtual Instrumentation	International Journal of Control Theory and Applications, (SJR – 0.53)

Patents Filed	
TITLE	Remarks
Hair grabber system	Filed
A method and a device for enabling enhanced identification and communication through Sign language between differently abled and normal persons	Filed