

**DILIP KUMAR S**

Designation : Assistant Professor

E Mail : s.dilipkumar@skct.edu.in

Teaching Experience : 5 years, 8 months

Industry Experience : 1 year, 6 months at Aricent Technologies

Qualification : Pursuing PhD (Electrical Engineering),  
M Tech (Control & Instrumentation), BE (Instrumentation & Control)

Special Areas of Interest : Bio-Sensors, Sensors and Transducers, Industrial Data Networks

<b>Workshops / Seminars / Conferences organized</b>	
<b>Title</b>	<b>Funded By</b>
<b>Organized a workshop</b> on Profibus and Profinet Engineering by Mr Vivek, Profibus consultant, Keystone Automation, Chennai.	ICE Association : SKCT
<b>Organized Webinar</b> on Industrial Robotics by Mr Arun Kumar, Research Scholar, Australian Space research.	-
<b>Organized guest lecture</b> on “Recent Advances in Industrial Automation” from YOKOGAWA INDIA Ltd.	ICE Association : SKCT
Five Days Course on PLC and DCS overview by Yokogawa India Ltd.	Self Supported
<b>Organizing Secretary</b> for National Conference organized by Department of Electrical and Electronics Engineering, Instrumentation and Control Engineering during the academic year 2013-2014.	EEE and ICE Association :SKCT
<b>Continuing Education Programmes</b>	
<b>PROGRAMME</b>	<b>HELD AT</b>
Workshop on PCB design by Entho Technologies pvt ltd.	Amrita Vishwa Vidyapeetham, Coimbatore
FDP on python programming conducted by ICT academy	Sri Ramakrishna college of arts and science for women
STTP on Medical Electronics	Department of ICE, Sri Krishna College of Technology.
Workshop on Internet of Things	IKP-EDEN Technology park, Bangalore
FDP on Intelligent Control	Department of ICE, Sri Krishna College of Technology.
Undergone Industrial Training on Flow Meters	FCRI, Palakkad

FDP on Process Control and its Applications	Department of ICE, Sri Krishna College of Technology.
Two days hands on training on "Internet of Things (IoT) based System Design using NI Platform"	CPDT, Sri Krishna College of Engineering and Technology
"How to get your projects funded from agencies"	CPDT, Sri Krishna College of Engineering and Technology
"Assertive Communication and Time Management"	CPDT, Sri Krishna College of Engineering and Technology
"Writing and using learning outcomes"	CPDT, Sri Krishna College of Engineering and Technology
Five days Anna University sponsored Faculty Development Program on "Process Control"	Department of Electronics and Instrumentation, Sri Ramakrishna College of Engineering, Coimbatore.
Two days' workshop on "Emerging Trends in Control Engineering"	Department of EEE, VIT UNIVERSITY, Vellore.
Three days National Workshop on "Biomedical Signal Acquisition and Conditioning"	Department of ECE, Amrita University, Coimbatore.
Two days' workshop on LABVIEW Programming	Department of EEE, PSG College of Technology, Coimbatore
Attended 7 days Anna University Approved FDTP on "Industrial Instrumentation - II"	Department of Electronics and Instrumentation, Kumaraguru College of Technology, Coimbatore.

<b>Membership of Professional Bodies</b>	
<b>PROFESSIONAL BODIES</b>	<b>TYPE OF MEMBERSHIP</b>
IAENG	Life Member
ISA	Annual Member

<b>Course materials / Monographs prepared</b>
Transducer Engineering
Industrial Internet of Things
Analytical Instrumentation
Computer Architecture
Modern Electronic Instrumentation
Total Quality Management
Virtual Instrumentation
Industrial Data Networks
Industrial Instrumentation-1
Power Plant Instrumentation

#### **Awards and Honors:**

- Awarded "Best Faculty" for the academic year 2017-2018.
- Produced 100% pass percentage results in Anna University Semester Examinations

- Licensed TedXSKCT Coordinator (An independent TED event held at SKCT)

### ONLINE CERTIFICATIONS

- Received edX Honor Code Certificate on Completion of the course "Essential Human Biology: Cells and Tissues"
- Received edX Honor Code Certificate from The University of Queensland Australia, on Completion of the course "Introduction to Biomedical Imaging"
- Completed an online course on "Computer Networks and Protocols" from Alison

<b>Paper Publications (Conferences)</b>	
<b>TITLE</b>	<b>CONFERENCE</b>
"Soft Computing Techniques as tool for Classification of Cardiovascular Abnormalities"	<b>INTERNATIONAL CONFERENCE ON BIOSIGNALS, IMAGES AND INSTRUMENTATION (ICBSII 2013)</b> held at SSN College of Engineering, Chennai, India during March 14-16, 2013.

<b>Paper Publications (Journals)</b>	
<b>TITLE</b>	<b>Journal</b>
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, Volume 4 Issue V, May 2016
Analysis and Classification of Stenosis Severity from Coronary Angiogram Images	IEEE Explorer
Automated Pesticide Spraying, Bird Repellant and Watering System for Agriculture	International Journal of Innovative Research in Computer and Communication Engineering, Volume 7, Issue 1, January 2019.
Soft Computing as a tool for classification of Cardiovascular Abnormalities	International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 5, September- October 2017