Organizing Committee :			One Day National Level
Chief Patrons	: Shri.M.Dhanasekaran	Registration Form	Workshon on
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	Director cum Principal, SMVEC	Email:	Technology Madras Section &
Convener	: Dr. S.Anbumalar, <i>Prof &amp; Head/EEE</i>	Tel. / Cell No. :	
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The college is s	situated on the Pondicherry – Villupuram National		
highway (NH-45A) in Madagadipet, Pondicherry. It is in the midway, 20 Kms from Pondicherry and Villupuram. From Pondicherry to Villupuram, frequent buses are available for every 10 minutes. The nearest Railway Junction is Villupuram (20 Kms)		Signature of Head of the Institution/Department	
		Complete Registration form along with demand draft to be sent to	
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Mad	dagadipet, Puducherry – 605 107.	Madagadipet, Puducherry – 605 107.	Department of Electrical and Electronics Fnaa
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E-mail: ganeshphd4u@gmail.com

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About the IEEE	Society on Social Implications of Technology (SSIT)	Mr.R.Navaneethakrishnan M.E, MBA., (Ph.D)
The Institute of Electrical and Electronics Engineers Inc. (IEEE), a	The IEEE Society on Social Implications of Technology (SSIT) is a	Chairman, IEEE SSIT, Executive Committee member IEEE Debetics & Automotion
nonprofit organization, is the world's leading professional association	professional society of the Institute of Electrical and Electronics	Executive Committee member – IEEE Robotics & Automation
for the advancement of technology. IEEE offers a wide range of	Engineers (IEEE). The society's Field of Interest is, according to its	Assistant professor, ECE, Kumaraguru College of Technology
learning, career enhancement, and employment opportunities within the	constitution; The impact of technology (as embodied by the fields of	Compatore India
engineering sciences, research and other technology areas.	interest of IEEE) on society, including both positive and negative	comonore, muia.
	effects, the impact of society on the engineering profession, the	Course Contents
The goal of these programs are to ensure the growth of skill and	history of the societal aspects of electro technology, and professional	1. Introduction to embedded system and PSoC 4
knowledge among IEEE members, students of engineering and	social and economic responsibility in the practice of engineering and	2. PSoC 4 Architecture
scientific community. IEEE provides various university and corporate	its related technology.	3. PSoC 4 Applications
partner programs, online learning resources and certificate programs		4. Demo using PSoC Creator
through its continuing education offerings for students and	Embedded system Design, hardware interface and quadcopter	5. Embedded System Design using PSoC 4 development kit: Hands-on
professionals.	concepts:	session,
The IEEE has more than 4.22,000 members in 160 countries. The IEEE	This course will cover the fundamentals Programmable System on	a. DIGITAL OUTPUT
The IEEE has more than $4,25,000$ members in 100 countries. The IEEE	Chip (PSoC) and its applications. Preliminary hardware interface of	b. DIGITAL INPUT & OUTPUT
publishes more than 1,400 leading-edge conference proceedings every	LED, LCD, BUZZER, and PWM controller for quadcopter. The PWM	c. PWM CONTROL
year, which are recognized by academia and industry worldwide as the	generator will be implemented using the on-chip PWM module.	d. SERIAL COMMUNICATION
most vital collection of consolidated published papers in electrical	Candidates will learn the use of the PSoC Creator IDE and	e. CAPSENCE
engineering, computer science and related fields. Student branches	configuration of the components on chip.	f. SEVEN SEGMENT DISPLAY
provide an opportunity for student members to begin networking in		
their areas of interest and future profession. There are nearly 3000	Eligibility and essential requirement.	About the College
student branches in 100 countries at various educational institutions.	The participants of this workshop should have below pre-requisites	Sri Manakula Vinayagar Engineering College was established in the
	Knowledge of Digital Electronics, Linear Integrated Circuits and	year 1999. The Institution has been approved by AICTE, New Delhi
IEEE Madras Section	Microcontroller or Microprocessor architecture. All the Engineering	and affiliated to Pondicherry University. It is the first Institution in
IEEE Madras Section came into existence in 1973 and has crossed its	College students and faculties are eligible to participate in this	Pondicherry State which got ISO 9001:2000 Certification and
silver jubilee year. IEEE Madras Section has an active membership of	program Engineering students of 3 <sup>rd</sup> and 4 <sup>th</sup> year EEE ECE CSE IT	established the 'Nila Community Radio Station' with the approval of
2275. The student membership is around 4716. The IEEE Madras	and FIF are the most suitable candidates to get the benefit from this	Government of India. It is the first engineering Institution in
Section conducts symposiums, conferences and technical lectures by	workshop	Puducherry which is accredited by NAAC with 'A' grade and NBA. It
eminent personalities from several fields.	workshop.	is also accredited by the II giant late Consultancy Services (ICS).
This section is concerned about the welfare of the students in	Registration Fee	within a short span, the institution has attained an enviable reputation by pagagaging all the hall marks of promise Institution in purguit of
this part of the country and wants to improve the skill learning process	<b>Registration</b> Fee $A00/$ for IEEE Student members and for	by possessing an me nan marks of premier institution in pursuit of
in the Engineering Colleges and Universities. There are 24 societies	registration lee of RS.400/- for field Student members and for	IT Arabitacture Management and across 6 degrees like P Tash
registered through IEEE Madras section, listed below.	to The number of costs on limited to (0) Derticinents will be	M Tach Ph D (Machanical Engg) MCA B Arch and MBA The
1 Aerospace and Electronic Systems (AES)	tea. The number of seats are infined to 60. Participants will be	Institution aims at equipping budding professionals with excellent
2 Antennas and Propagation Society (APS)	enrolled to this workshop on a first-come-first-serve basis.	theoretical and practical knowledge. It also takes pride in developing
3 Computer Society (CS)	6.1.1.1	the students with leadership and interpersonal skills and thus shaping
4 Communications (COMSOC) 5 Computational Intelligence Society (CIS)	Schedule	them as strategic scholars with competitive spirits who will be canable
6 Control Systems Society (CIS)	Programmable system on Chip, workshop session to discuss about the	of delivering their best in the technological world
7 Engineering in Medicine & Biology Society (FMBS)	fundamentals and the hardware modules of PSoC 4 architecture, hands	of delivering their best in the technological world.
8 Electron Devices Society (EDS)	on session on PSoC 4 processor, demonstration on various ADC and	
9 Education Society (ES)	PWM Controller. This workshop program is scheduled to have, two	About the EEE Department
10 Electromagnetic Compatibility Society (EMCS)	hours theory and six hours practical session includes Live Demo of	It offers under graduate in B.Tech Electrical and Electronics
11 Industrial Applications Society (IAS)	PSoC 4 programming, hardware interface and hands on training.	Engineering and post graduate in M.Tech-Power Electronics and
12 Information Theory Society (ITS)		Drives with industry required syllabus. It offers Professional and need
13 Instrumentation and Measurement Society (IMS)	Important Dates	based continuing education to conduct training Programmes in frontier
14 Microwave Theory and Techniques Society (MTTS)	Last Date for Registration: 07.08.2018	areas of Electrical Engineering on par with consultancy and technical
15 Nano Technology Council Society (NTCS)	Date of Selection Intimation: 08.08.2018	services to the industry. The Department is considered as a unique
10 TOWER and Energy Society (FES) 17 Power Electronics Society (PELS)	(Intimation through E-mail)	centre for promotion of excellence in Electrical Engineering and has
18 Product Safety Engineering Society (PSES)		been successfully fulfilling its role in the rocketing technologies era. To
19 Professional Communication Society (PCS)	<b>RESOURCE PERSONS</b>	meet the challenges of the new millennium, we train our students in the
20 Photonics Society (PS)	Dr. P A Manoharan	areas like Artificial Neural Networks, Fuzzy Logic, Finite Element
21 Robotics and Automation Society (RAS)	Chairman, IEEE Madras section-2018	Analysis, Computer Aided Design of electrical machines, Micro-
22 SIPCICOM	Immediate Past Chairman, Robotics & Automation Society	controllers and Digital Signal Processing, Generation, Transmission
23 Social Implications of Technology Society (SITS)	Technical Officer C, Research & Innovation Centre,	and Distribution of power, Power System Operation and Control,
24 Technology and Engineering Management Society (TEMS)	DRDO, Ministry Of Defence, IIT Madras Research Park,	Electrical Machines, Power Electronics and their control using
	Kanagam Road, Chennai- 600113.	computer methods etc.

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