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3.3.1. Total number of books and chapters in edited volumes/books published and papers in national/ International conference proceedings year-wise during last five years

AY: 2018-19


SL NO	NAME OF TEACHER	TITLE OF PAPER	TITLE OF BOOK PUBLISHED	TITLE OF THE PROCEEDING O THE CONFERENCE/WORK SHOP/SYMPOSIA	NAME OF THE PUBLISHER	YEAR OF PUBLICATION (ACADEMIC YEAR)	NATIONAL/INTERNATIONAL	ISBN NUMBER
1	PHEJIL K PAUL	Dual powered two wheelers for vendors		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19	International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19	2018-19	International	
2	PHEJIL K PAUL	A Transformer based Multilevel Inverter with Lesser Components		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19	International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19	2018-19	International	
3	JENEESH SCARIA	High voltage gain transformerless boost converter		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
4	Eugene Peter	A modified sepic based high step up DC DC converter		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
5	JENEESH SCARIA	Bund breakage predict and automatic field irrigation system		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
6	Shoma Mani	Solar powered water purifier for flood affected and polluted areas		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
7	SUSAN V NINAN	Solar powered bicycle for health and pollution concern		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
8	RAHUMATH BEEBY	Smart traffic analyser		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
9	Priya Thomas	Smart traffic analyser		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	

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10	JEEPA K J	Peltier integrated Jacket		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
11	Neeba Sabu	Peltier integrated Jacket		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
12	Eugene Peter	Accident alert system using Raspberry PI		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology -I2CN 2k19		2018-19	International	
13	Mr Jithin John	NA	Cross Cultural Management	NA	NA	2018	NATIONAL	NA
14	Mr. Banphil C Mathew	Experiment analysis and effects of gasoline additives in compression ignition engine		Experiment analysis and effects of gasoline additives in compression ignition engine	International Journal of Innovative technology and exploring engineering	2018-2019	International	2278-3075
15	Rakesh s	A comprehensive review on the VLSI design performance of different Parallel Prefix Adders			Materialstoday: Proceedings (Elsevier)	2019	International	
16	Dr.T. D. Subash	Editonal Preface on the Proceedings of the International Multi-Conference on Computing, Communication, Electrical and Nanotechnology, I2CN-2k18			Materialstoday: Proceedings (Elsevier)	2019	International	
17	Dr.T. D. Subash		Materialstoday: Proceedings (Elsevier), Vol. 11, Issue.P3(2019), pp.889-1152, ISSN:2214-7853		Materialstoday: Proceedings (Elsevier)	2019	International	Materialstoday: Proceedings (Elsevier)


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18	Ms. Vinodha V Nair	Eye blink count and eye blink duration analysis for deception detection		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k19	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k19	2019	International	
19	Ms. Shaba Jiju George	Eye blink count and eye blink duration analysis for deception detection		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k20	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k20	2019	International	
20	Ms. Neha K S	Integration of blockchain with IoT in Healthcare System		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k21	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k21	2019	International	
21	Ms. Jincy P Sarodeen	Secure data retrieval for decentralized disruption-tolerant Military Networks		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k22	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k22	2019	International	
22	Ms. Neethu Maria John	Secure data retrieval for decentralized disruption-tolerant military networks		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k23	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k23	2019	International	
23	Ms. Nimmy mol Manuel	Adaptive opportunistic routing for wireless AdHoc networks		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k24	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k24	2019	International	
24	Ms. Sreenidhi K.R.	Adaptive opportunistic routing for wireless AdHoc networks		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k25	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k25	2019	International	
25	Ms. Divya S	Voice control of home appliances using android		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k26	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k26	2019	International	
26	Ms. Sruthi Emmanuel	Voice control of home appliances using android		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k27	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k27	2019	International	
27	Ms. Neena Joseph	EAACK - A secure intrusion detection system for MANETS		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k28	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k28	2019	International	
28	Ms. Neena Joseph	Design and implementation of ECG monitoring system for the patient using smartphone		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k29	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k29	2019	International	
29	Ms. Neema George	Spam blocker		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k30	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k30	2019	International	
30	Ms. Neema George	EAACK - A secure intrusion detection system for MANETS		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k31	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k31	2019	International	
31	Ms. Sruthi Emmanuel	Design and implementation of ECG monitoring system for the patient using smartphone		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k32	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k32	2019	International	
32	Ms. Jincy Mary John	Big health application system based on health internet of things and big data		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k33	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k33	2019	International	
33	Ms. Jincy Mary John	Big health application system based on health internet of things and big data		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k34	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k34	2019	International	
34	Ms. Jincy Mary John	Search engine optimization/WEB		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k35	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k35	2019	International	
35	Ms. Jincy Mary John	Search engine optimization/WEB		Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k36	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k36	2019	International	

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36	Dr. D Ramesh Kumar	Factorial normalization of steel slag within the aggregate mantle of improved concrete matrix	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k37	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k37	2019	International
37	Ms. Adithya Vowambharan	Factorial normalization of steel slag within the aggregate mantle of improved concrete matrix	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k38	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k38	2019	International
38	Dr. Radhakrishnan R	Sustainability in wastewater treatment in Urban Area of developing world	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k39	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k39	2019	International
39	Mr. Gokul PV	Sustainability in wastewater treatment in Urban Area of developing world	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k40	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k40	2019	International
40	Ms. Rani Kravilla	Strategies for mitigation of flood risk in Muvattupuzha river	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k41	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k41	2019	International
41	Ms. Aswathy Soman	Strategies for mitigation of flood risk in Muvattupuzha river	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k42	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k42	2019	International
42	Mr. Vibin Varghese	Experimental investigation on partial replacement of E-Waste as coarse aggregate in concrete	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k43	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k43	2019	International
43	Ms. Sibi Abraham	Experimental investigation on partial replacement of E-Waste as coarse aggregate in concrete	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k44	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k44	2019	International
44	Ms. Sharon Treasa Biju	Retrofitting of RC beam with opening using CFRP laminate	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k45	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k45	2019	International
45	Ms. Sabin Theresa N Kurian	Retrofitting of RC beam with opening using CFRP laminate	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k46	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k46	2019	International
46	Mr. Gokul PV	Strength and durability of concrete using coperslag	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k47	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k47	2019	International
47	Ms. Nasy Susan Man	Strength and durability of concrete using coperslag	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k48	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k48	2019	International
48	Ms. Linu Joy	Study on the applicability of using phosphogypsum in soil stabilisation	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k49	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k49	2019	International
49	Ms. Adithya Vowambharan	Study on the applicability of using phosphogypsum in soil stabilisation	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k50	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k50	2019	International
50	Ms. Linu Joy	Modelling of learning curve effect in high rise building construction	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k51	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k51	2019	International
51	Ms. Nasy Susan Man	Modelling of learning curve effect in high rise building construction	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k52	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k52	2019	International
52	Mr. Sreeranch Raghav	Mitigation methods to be done to protect buildings from vibrations	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k53	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k53	2019	International
53	Ms. Sabin Theresa N Kurian	Mitigation methods to be done to protect buildings from vibrations	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k54	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k54	2019	International
54	Ms. Geethulal	Effect of flyash and fibre in high strength concrete	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k55	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k55	2019	International
55	Dr. Radhakrishnan R	Effect of flyash and fibre in high strength concrete	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k56	Proceedings on International Multi Conference on Computing, Communication, Electrical and Nanotechnology - I2CN 2k56	2019	International

Experimental Analysis and Effects of Gasoline as an Additive in Compression Ignition Engine

Appu Kurian, Rameshan K.P, Ryne P.M, Bapthi C Mathew

Abstract: A compression ignition engine is a sort of engine where the fuel utilized is diesel. In this current study, various influences on petrol-diesel mixture have been introduced in a mono cylinder vertical diesel engine and investigated factually for various stages. Denormment of 0%, 4%, 8% and 12% of gasoline by volume is varied with diesel and the outcomes has been registered with the foundation of test perceptions at 1500(rpm). Out of various trial experimental outcomes, it is found out that, with the addition of gasoline fuel the real brake-power output rises at the rate of 4.9% and also the brake specific fuel consumption (bsfc) reduces by 5%. From the study found out that increase in the volume fraction of gasoline decreases the fuel density, surface tension and kinematic viscosity. In addition, the various blending of petrol fuel causes a decrease in the size of the droplet because the surface tension decreases with the inclusion of petrol, thereby generating an extension in the instability of droplet. Meanwhile, petrol blending resulted in the development of the ignition delay period and also the formation of a comparatively higher homogeneous mixture. These peculiarities in the combustion characteristics cause a drastic reduction of NOx. However, the Hydrocarbon and Carbon Monoxide emissions were slightly increased. The boosting of burden in engine curtails the effect of gasoline blending on combustion performance and exhaust fumes discharges.

Keywords: Brake horse power, Compression ignition engine, Gasoline volume, Blending of fuel, Emissions.

1. INTRODUCTION

One of the main reasons behind this study of Gasoline-Diesel mixture is that, in high terrain areas, also in heavy load carrying trucks, there is a practice of blending certain quantity of petrol with diesel [1]. This was done because of the factual improvement of power of the diesel engine, thereby carrying the load more easily. As this condition prevails, there require the need of a solid analysis of the above situation and figure out the results of proficiency as efficiency, emissions, power etc. on diesel-petrol combination at diverse fractions and different load in the undulated traditional diesel compression ignition engines [2]. The study find useful for giving an awareness to public, which ultimately attests the advantages and disadvantages of blending diesel-petrol under above extents and conditions.

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Under the classification of Internal Combustion Engines, a Diesel engine plays the role of one of the most dynamic liquid fuel combustion prime movers. However, on the other side, a diesel engine experiences various disadvantages. One of the disadvantages is their limited speed range, particularly for high terrain and heavy load vehicle applications. Because of ignition delay, the rotational speed (rpm) of CI engine is not applicable for higher levels [3]. Due to this reason and also the various accommodations such as low equivalence ratios, tremendous pressure differences, etc., normally a diesel engine is much heavier than gasoline engine of equivalent power [4]. Meanwhile, the Ignition delay period shall be controlled and the engine speed could be expanded by presenting a specific technique for fuel infusion or in the design of burning frameworks in the combustion systems [5].

A design of Pre-combustion chamber and addition of piston bowls can be quoted as examples of these improvements in the systems. In this way, the mixture of air-fuel is accelerated by expanded gas movements, so the period of ignition delay can be reduced and the injection pressure of fuel at 7-14MPa levels are sufficient [6]. Along these lines, nozzles with mono hole and fuel systems which are cheaper can be utilized. By selecting relatively high speed ratio or rates of the engine and ratio, lighter design of engines structure can be created [7]. Yet, the use of pre combustion burning chamber expands the surface region of burning chamber and this causes an extra heat loss and relatively higher brake-specific fuel consumption (BSFC). On contrast, high infusion pressures at the rate of 100-150 MPa levels are considered by using special injection methods, for example, common-rail direct injection (CRDI) system [8]. However, for this condition, necessities of trend setting innovations are required and are increasingly costly requirement. A diesel fuel burning-compression engine operating on the basis of self-ignition compression technique has advanced thermal efficiency and comparatively lower fuel utilization attributes than a petrol combustion spark ignition engine; hence the practice of diesel used engine vehicles are as of now across the board [9]. But, there prolongs the challenges of environmental effects in the form of pollution of NOx and soot.

Low temperature combustion (LTC) is one method to allow the reduction of NOx and soot emissions to simultaneously. Consequently, the LTC strategy is notified on the control of local air-fuel rich mixture regions and the drastic reduction of the temperature in cylinder where combustion takes place [10]. To understand this combustion concept, high exhaust gas recirculation (EGR) rate need to be applied to the conventional diesel engine. This method will reduce the NOx emissions by controlling the



Ceria-based Mixed Oxide Nanoparticles for Diesel Engine Emission Control

P. K. Shihabudeen, Ajin C. Sajeevan, N. Sandhyarani & V.

Sajith 

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Part of the Energy, Environment, and Sustainability book series (ENENSU)

Abstract

One of the effective methods for the control of harmful emissions from diesel engines is the use of fuel-borne catalyst. Ceria is commonly used as a redox catalyst, and the catalytic activity of ceria decreases due to particle sintering, especially at high temperatures. The catalytic activity of ceria nanoparticle can be improved by doping it with transition metals such as zirconium, yttrium. A comparative study on the catalytic activity and various physicochemical properties of $Ce_yZr_{1-y}O_2$, $Ce_xY_{1-x}O_2$ and $Ce_xZr_yY_{1-x-y}O_2$ mixed oxide nanoparticles, synthesized by co-precipitation


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About the Book

This book of "Cross Cultural Management" provides an insight about the intercultural communication in various cross-cultural environments. It also gives a detailed picture of cultural differences present in and around the world. This book is a great attempt for providing knowledge regarding ways of acting in cross-cultural situations. Every attempt has been made to give this book a convenient look. Tables, figures, exercises, and model papers are included to facilitate proper understanding of the subject. This book is valuable for students, teachers and others interested in learning the fundamental aspects of the subject.

About the Author



Dr. Tessy Kurian has done **Ph.D** in Economics from Mahatma Gandhi University, Kerala, **MBA** in HR & Marketing from Vinayaka Mission Deemed University, Salem Tamil Nadu, **M.Phil.** in Applied Economics from Cochin University of Science and Technology, Kerala and **M.A.** in Economics from Department of Economics, University of Kerala. She was the Head of Post Graduate Department at BK College for Women, Kottayam, where she had established the Research Centre. Seven Ph.Ds have been awarded under her guidance and supervision. She had organised many National Seminars and she is a resource person at National and International Conferences. She has many publications to

her credit in National and International Journals. She has organised Seminars on Low Mortality - High Morbidity Syndrome in Kerala, Climate Change impacts in India, Consumerism and Life Style Diseases, Kudumbasree and Ageing etc. Apart from organising seminars, she has also attended many Seminars and Conferences at National and International level. Currently, she is working as **Professor** at **School of Management, St. Joseph's College of Engineering & Technology, Palai, Kerala**. She has 37 years of teaching experience.



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A comprehensive review on the VLSI design performance of different Parallel Prefix Adders

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Abstract

Adders are an important part of digital systems. In VLSI digital circuits, such adders should satisfy certain design constraints like low power and high speed. In this paper we present a review of the performance of some conventional adders and parallel adders. Parallel Prefix Adders (PPA) are considered to be one of the fastest adders that had been designed and developed. Parallel Prefix Adders were established as the most efficient circuits for binary addition. These adders which are also called Carry Tree Adders were found to have better performance in VLSI designs. This paper investigates the performance of four different Parallel Prefix Adders namely Kogge Stone Adder (KSA), Brent Kung Adder (BKA), Han Carlson Adder (HCA) and Hybrid Han Carlson Adder (HHCA). In this paper the key contribution is the information about the structure of the Parallel Prefix Adders and their performance parameters. This paper can serve as a reference to the beginners in the digital electronics and VLSI area to gain more knowledge on the Carry Tree Adders.

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Keywords: Parallel Prefix Adders; Carry Tree Adders; Kogge Stone Adder; Brent Kung Adder; Han Carlson Adder; Hybrid Han Carlson Adder

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Editorial Preface on the Proceedings of the International Multi - Conference on Computing, Communication, Electrical and Nanotechnology ,I2CN-2k19

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Department of Electrical and Electronics Engineering
&
Department of Electronics and Communication Engineering,
Mangalam College of Engineering Ettumanoor

Dr. T D Subash*

Professor, Department of Electrical and Electronics Engineering, Mangalam College of Engineering Ettumanoor, Kottayam-686631

Abstract

I2CN-2K19: "International Multi-Conference on Computing, Communication, Electrical & Nanotechnology" aimed to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences. It also provides the premier multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Emerging Trends in Engineering and Technology. It covers the major areas like Advanced materials in Engineering, Bio Medical, Electronics and Green Architecture, Building Energy Conservation and Green Architecture, Computer Vision and Robotics, Computational Fluid Dynamics, Civil Engineering Materials, Chemical and Process Engineering, Design of Embedded system with VLSI, Data mining, Electrical Materials Electro magnetic, Electrical, Electronic and Systems Engineering, Green Manufacturing, Internal combustion Engines Internet and Mobile Computing, Instrumentation and Control Engineering, Mechatronics, MEMS and NEMS, Materials preparation and processing Nanotechnology, Nano Devices, New Technology, methods and Techniques in Civil Engineering, Networking, Communication and Multimedia, Photonics and Opto-electronics, Power engineering, Pervasive, Grid, Cloud computing, Renewable and Non-Renewable Energies, RADAR and satellite communication, Semiconductor devices, Structural Engineering, Signal and Image Processing, Theory and Advanced Technology of Engineering Structure

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