

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY (ICETET 2015)

23rd and 24th April 2015, Thrissur, Kerala, India. <http://www.thejusengg.com/icetet2015/>

Program Highlights			
Day-1 (23 rd April 2015-Thursday)			
08:30AM – 11:00AM	Registration		
10:00AM – 11:00AM	Inauguration		
11:00AM – 11:15AM	Tea Break		
11:45AM – 12:45PM	Keynote Speech – Dr. M.P Sukumaran Nair, Former MD, TCC Ltd. Cochin		
12:45PM – 01:45PM	Lunch Break		
Parallel Technical Sessions			
Session-I			
11:45AM – 12:45PM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	
12:45PM – 01:45PM	Lunch Break		
Session-II			
01:45PM – 03:00PM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	TRACK – III ME Venue: ME Lecture Studio
03:00PM – 03:20PM	Tea Break		
Session-III			
03:20PM – 04:30PM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	
Day-2 (24 th April 2015 -Friday)			
Session-IV			
09:30AM – 11:00AM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	TRACK – IV CE Venue: CE Lecture Studio
11:00AM – 11:15AM	Tea Break		
Session-V			
11:15AM – 12:45PM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	TRACK – IV CE Venue: CE Lecture Studio
12:45PM – 01:45PM	Lunch Break		
Session-VI			
01:45PM – 03:00PM	TRACK – I CSE Venue: CSE Lecture Studio	TRACK – II EEE Venue: EEE Lecture Studio	

ICETET2015 – Inaugural Session

Date: 23rd April 2015

Time: 10:00AM

Venue: Seminar Hall (Room No:116)

10:00 **Prayer**

10:03 **Welcome Speech**

Dr. K. Satheesh Kumar

Principal

10:10 **About the Conference**

Dr. Gylson Thomas

Conference Convener

10:15 **Presidential Address**

Sri. C.C. Thampi

Chairman, Cheruvathur Foundation

10:25 **Inauguration & Inaugural Address**

Dr. Kuncheria P. Issac

Vice Chancellor, KTU

10:45 **Release of Proceedings**

10:50 **Felicitation**

Dr. M.P Sukumaran Nair

Former MD, TCC Ltd. Cochin

Prof. C.P Sunil Kumar

ISTE National Council Member

Mr. Babu Jose K

Administrator, Thejus Engineering College

11:00 **Vote of Thanks**

Ms. Praseeja A.V

Conference coordinator

National Anthem

DAY-1

Session-I

23rd April 2015-Thursday

11:45AM-12:45PM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session I: 23 rd April 2015-Thursday (11:45AM – 12:45PM)		
Chair-1: Dr. E. Gonvidraj Chair-2: Prof. K.P Balachandran		
Paper ID	Paper Title	Author(s)
CSE-18	Choroidal Segmentation And Volume Measurement Of Optical Coherence Tomography Images In Eyes Using Intensity-Threshold Method	NeeruRai, John S. Werner and Raju Poddar
CSE-19	A Survey on Personalized Image Searching	Rameeza P, Rahamathulla K
CSE-21	Survey on Text preprocessing and classification	Bini Krishna T H and Ezudheen P
CSE-24	A Survey on Malayalam Optical Character Recognition System	Karthy Vasudeven and Ajay James
CSE-34	A survey on Context sensitive spelling error detection and correction	Princy N K and Ezudheen P
CSE-503	Artificial Intelligence Future in Engineering	Pradeep Saxena

Track-II <i>(Electrical & Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session I: 23 rd April 2015-Thursday (11:45AM – 12:45PM)		
Chair-1: Dr. Haseena H Chair-2: Dr. Mohamed Zaman		
Paper ID	Paper Title	Author(s)
EEE-29	Identification and Control of Fluid Flow Regulator System	Yogesh Lathkar, Ajay B. Patil
EEE-542	Non Isolated Bidirectional Dc Dc Converter With Soft Switching Capability For Automotive Engines	Aswathi Ravindran, Deepak Mullappilly
EEE-505	Participation of Doubly Fed Induction Generator based Wind Turbines in Power System Primary Frequency Regulation	Renuka T K, Dr. Reji P
EEE-507	An Efficient Image Denoising Method using SVM Classification	Divya V. , Dr. M. Sasikumar
EEE-536	Active And Reactive Power Controller For An Autonomous Wind System Using 12 Pulse PWM Voltage Source Converter	Nithara P V , Lakshmi Prabha M R, Surya K
EEE-510	Controller based auto agriculture system	Shah Payal J

Session-II

23rd April 2015-Thursday

01:45PM – 03:00PM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session II:23 rd April 2015-Thursday (01:45PM-3:00PM)		
Chair-1: Dr. E. Gonvidraj Chair-2: Prof. K.P Balachandran		
Paper ID	Paper Title	Author(s)
CSE-513	Improved Authentication Using Hybrid Graphical Passwords	ShalakaJadhav , AbhayKolhe
CSE-514	The Intima Media Thickness Measurement of Common Carotid Artery Using Dual Snake Contour and Wiener Filter	L.Ashok Kumar, P.Rajendran, C.Nagarajan
CSE-520	Using OTP with IBE to secure Publisher Subscriber Scheme	Padmavati N. Kshirsagar, Prof. S. Pratap Singh
CSE-522	Elderly Support System with Cloud Back End	Nisha C S
CSE-523	Dynamic Image Denoising: Using Alarm	Reshma K Sunil
CSE-526	Mesph: Multipath Efficient Streaming Protocol Using Http	Sruthi T S
CSE-527	A Protocol For Efficient Peer To-Peer Communication On Android-Based Mobile Devices Using Wi-Fi Direct	Mithu Varghese, Vinitha A V
CSE-531	Security Aware Cluster Based Architecture For MANET	Serin V Simpson, Saju P John

Track-II <i>(Electrical & Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session II:23 rd April 2015-Thursday (01:45PM-3:00PM)		
Chair-1: Dr. Haseena H Chair-2: Dr. Mohamed Zaman		
Paper ID	Paper Title	Author(s)
EEE-511	Power Quality Enhancement for a Residential Area by Flexible Power Conversion from Renewable Energy Resource	Deepak M, Surya K
EEE-513	An Efficient Method for Classification of Hyper Spectral Images	Vidya.R.Menon, Snigdhamol.M.S
EEE-514	Content Based Video Retrieval System for Complex Activity Classification	ShibiThambi K, Mahesh K.R
EEE-515	Offline Signature Verification Based On Sift	Sreerag S, Anjaly Krishnan
EEE-516	Vision-Controlled Flying Robot	K.A Drishya, Anjalykrishnan

EEE-517	User Interactive Image Segmentation Using Mean Shift Clustering	Anjali Ananthan, Mahesh K.R
EEE-518	Artery/Vein Classification In Retinal Images Using An Automatic Graph-Based Method	Rahul Ramachandran, Snigdhamol.M.S
EEE-520	Collision Avoidance System Using CAN Protocol	Divya K S, Neenu P A

Track-III <i>(Mechanical Engineering)</i> Venue: ME Lecture Studio		
Session II: 23 rd April 2015-Thursday (01:45PM-3:00PM)		
Chair-1: Dr. M.K.B Nayar Chair-2: Dr. S. Goshteeswaran		
Paper ID	Paper Title	Author(s)
ME-23	Sustainable Power Generation Using Piezoelectric Materials	Jobin Johnson, Arjun KM and Libinlazer
ME-42	Metamaterials : A Doorway to a new world	Blessin Das and Shammassulaiman
ME-501	Delays in Indian Nuclear Power Plant	GovindRanmale, B.E.Narkhede
ME-505	Microstructure, Mechanical & Wear characteristics of Al 336/ (0-10) wt% SiCp composites	Harikrishnan. T , M. R. Sarathchandradas , V. R. Rajeev
ME-506	A study on Mechanical and Tribological properties of A356 alloy metal matrix composites- A Review	Saritasaini, BrijeshGangil, K.K.S Mer, Pawan Kumar Pant

Session-III

23rd April 2015-Thursday

03:20PM – 4:30PM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session III: 23 th April 2015- Thursday (03:20PM-04:30PM)		
Chair-1: Dr. E. Gonvidraj Chair-2: Prof. K.P Balachandran		
Paper ID	Paper Title	Author(s)
CSE-533	Network Virtualization Based On Virtual Router	Sreerekha K.P
CSE-535	Optical Flow Estimation For Efficient Flame Detection In Videos	Keerthi K M
CSE-538	Development & Implementation Of Mixing Unit Using Plc	Dilbin Sebastian, George Jacob, Hani Mol, Indulakshmi B, Rajani S H

CSE-539	Computer Aided Breast Cancer Detection In Mammographic Images	Rashmi V R, Bincy Antony M
CSE-540	Cryptography In The Field Of Cloud Computing For Enhancing Security	Nikhitha K. Nair , Navin K.S, SoyaChandra C.S
CSE-541	Public Auditing In Cloud Computing By Preserving Privacy	Aparnadev M, Indu K B
CSE-542	Secure and energy efficient routing in cluster based WSN	MegnaUnnikrishnan, Sheena K.S
CSE-563	A Review On Theshold Secret Sharing	ParvathySudheer, ZainulAbid T. P

Track-II <i>(Electrical& Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session III:23 th April 2015- Thursday (03:20PM-04:30PM)		
Chair-1: Dr. Haseena H		
Chair-2: Dr. Mohamed Zaman		
Paper ID	Paper Title	Author(s)
EEE-522	Fake Biometric Detection	Aleena.T.A, Harikrishnan.N
EEE-523	An Efficient Approach For Shadow Detection Removal And Reconstruction	Chithra K, Jeejo K.P
EEE-524	Color Image Embedding In Qr Codes	Princy P., Smitha P.B.
EEE-525	Maximum power point tracking Efficient Solar (MES) energy Systems	Sakthiprasad.K.M, Smitha.P.B
EEE-526	Interactive Image Segmentation Based on Seeded Region Growing and Energy Optimization Algorithms	K R.Rasitha, , Sherin Thomas, P M.Vijaykumar
EEE-527	An Innovative Method To Reduce Power Consumption Using Look-Ahead Clock Gating Implemented On Novel Auto-Gated Flip Flops	Roshini Nair

DAY-2

Session-IV

24th April 2015-Friday

09:30AM-11:00AM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session IV: 24 th April 2015- Friday(09:30AM-11:00AM)		
Chair-1: Dr. C.K. Raju Chair-2: Dr. V. Kabeer		
Paper ID	Paper Title	Author(s)
CSE-543	Energy Efficient Cluster Head Selection for MANET	Wilny Wilson P, Saju P John
CSE-549	Token Based Secure Log Data Management in Cloud	Anjana G Nair, Sindu S
CSE-550	RGB Image Encryption Based on Bitplanes Using Elliptic Curve Cryptography	Blessy Joy A, R.Girish
CSE-551	A Survey on Denial of Service Attack Detection Systems Based on Feature Correlation Analysis	BinilAntoThampi C., Syed Farook K.
CSE-552	Hole Detection And Healing Techniques In WSN	Soumya P. V., Shreeja R.
CSE-553	A Survey On Energy Efficient Hierarchical Routing Protocols in Wireless Sensor Network	Sreela E. K., Asha G.
CSE-554	Sink Relocation in Wireless Sensor Network- A Survey	Bahjasra A, Asha G
CSE-555	Scaling Ethernet By Suppressing Broadcast Traffic: A Survey	NaseelaJehan, AneeshM.Haneef
CSE-556	A Survey On Various Multicast Routing Protocol Using Branching Routers	Anishma N, Sajitha M

Track-II <i>(Electrical & Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session IV: 24 th April 2015- Friday(09:30AM-11:00AM)		
Chair-1: Dr. Nafeesa K Chair-2: Dr. Anzar S.M		
Paper ID	Paper Title	Author(s)
EEE-528	Interference Management in Cooperative Communication Using BRUS Technology	AishwaryaVijayakumar, JeejoK P
EEE-529	Brain Tumor Detection Using SVM Classifier	Jisney Thomas, Harikrishnan.N
EEE-530	Methods for Reduction of Stray Loss in Flange-Bolt Regions of Large Power Transformers Using ANSYS	Linu Alias, Malathi V, Renjith M Chandran
EEE-531	An Intact Solar Irrigation System Operated By Using Three Different Sensors	JitheeshP.Gopalan, Nidhin Benny
EEE-533	Fuzzy Logic Controller based Energy Management in a Commercial Building Integrated with Renewable Energy Sources	Twinkle P. Benny, Manju Padma K.M

EEE-534	'An Energy Aware Link Adaptation Algorithm for Wireless Systems	SreedeviValsan K, Lekshmi A Kurup
EEE-535	DS-QBOK- UWB Transmission Scheme for Wireless Multimedia Communication System	Shafeeque.I, Satheesh N Kaimal, Livingston Antony
EEE-508	An energy efficient strategy for target detection in WSN	DeepthiJayaprakash, Chithra K R
EEE-537	Triangulation Method To Obtain Morphing	Vaibhav V. Mainkar

Track-IV

(Civil Engineering)

Venue: CE Lecture Studio

Session IV: 24th April 2015- Friday(09:30AM-11:00AM)

Chair-1: Dr. Anitha G. Pillai

Chair-2: Prof. Praseeja A.V

Paper ID	Paper Title	Author(s)
CE-17	Use Of Artificial Intelligence Tools To Determine The Liquefaction-Triggering Potential	Ankit, Pallavi Mittal,PijushSamui
CE-35	Subgrade Improvement On Silty Sand Using Geogrid	ArchanaMuraleedharan, T. R Anjana
CE-504	Effect Of Diesel Contamination On Soil	Deeraj.A.D, Ramya.K
CE-505	A Study On M-Sand Bentonite Mixture For Landfill Liners	Anna Rose Varghese, anjanaT.R.
CE-506	Strength Characteristics Of Stabilized Peat Soil Using Fly Ash	Lakshmi sai. A, Rmya. K,
CE-507	Parametric Study Of An Geogrid Reinforced Soil Wall Using Plaxis 2d	M. Lakshmi, A VPraseeja
CE-508	Study Of The Lateral Load Carrying Capacities Of Piles In Layered Soils Using Plaxis 3d	Neerad Mohan, Ramya K
CE-509	Application Of Sisal Fibre For The Improvement Of Weak Subgrade Soil	V. Roshni, K. Ramya
CE-510	Change In Shrinkage Characteristics On Fiber Amended Clay Liner Material	Radhika V, Niranjana K

Session-V

24th April 2015-Friday

11:15AM-12:45PM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session V: 24 th April 2015- Friday(11:15AM-12:45PM)		
Chair-1: Dr. C.K. Raju Chair-2: Dr. V. Kabeer		
Paper ID	Paper Title	Author(s)
CSE-557	A Survey on Various Clustering Algorithms in High Dimensional Data	Amina M., Sayedfarook
CSE-558	A Review on Trust Based Approaches for Enhancing Security of MANET	Shabana M. L., Anil K Jacob.
CSE-559	A Review On Password Protecting Methods	SufyanPanginikkadan , ZainulAbid T P
CSE-560	A Review on Opportunistic Routing In Mobile Ad Hoc Network	Haseena M. K., Annes Philip.
CSE-561	A study on relational database watermarking schemes and its application in the ownership protection of medical data	Arathi A, ZainulAbid TP
CSE-562	A Survey on Node Clone Detection in Wireless Sensor Network	Dilna V., Sajitha M.
CSE-563	A Review On Theshold Secret Sharing	ParvathySudheer, ZainulAbid T. P
CSE-564	A Survey On Security Mechanisms In VANET (Vehicular Adhoc Network)	Nishi K M , Indu P
CSE-565	A Survey On MAC Protocols Based On Duty Cycling Technique In Wireless Sensor Network	Hasna P., Philip.

Track-II <i>(Electrical & Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session V: 24 th April 2015- Friday(11:15AM-12:45PM)		
Chair-1: Dr. Nafeesa K Chair-2: Dr. Anzar S.M		
Paper ID	Paper Title	Author(s)
EEE-540	HTC Using Optimization Technique	Parvathy P , Divyasree Dinesh, Abhilash M.G
EEE-541	Damping of power oscillation in UPFC using a ST controller	Divysree Dinesh, Frenish Francis, Parvathy Pradeep
EEE-47	Harmonic Elimination using Cascaded Multilevel Converter based Statcom	Lakshmiprabha m r, Nitharanarayanan
EEE-543	CUK Converters-A Comprehensive Review Based On Topology, Control And Applications	Anju Mohan, Mini P. R., RamakrishnanP. V.

EEE-544	Synchronous Buck Converters-A Comprehensive Topologies And Implementation Review Based On Design, Control Strategies,	Udhyami M. B., Ramakrishnan P. V.,Mini P.R.
EEE-545	A Comparative Study Of Harmonic Compensation Techniques In Micro-Gridsusing Active Power Filters	Neeraj N. , Ramakrishnan P. V.,Mini P. R.
EEE-546	A Review On The Operation Strategies Of SEPIC Converters	Sangeetha S., Ramakrishnan P. V., Mini P.R.
EEE-547	Harmonic Resonance Analysis In Wpp Using Various Filter Techniques: A Review	BlessySabu, Mini P R , Ramakrishnan P V
EEE-548	Speed Control Of Vehicle Using Fractional Network Based Controller	Abida K, Nafeesa K, Labeeb M,

Track-IV (Civil Engineering) Venue: CE Lecture Studio		
Session V: 24 th April 2015- Friday(11:15AM-12:45PM)		
Chair-1: Dr. Anitha G. Pillai		
Chair-2: Prof. Praseeja A.V		
Paper ID	Paper Title	Author(s)
CE-511	Study on bearing capacity of foundation near slope	N.krishnaprasad, T.R.anjana
CE-513	Utilization of copper slag in geotechnical applications	JesnuPJenner, niranjanaK
CE-514	Experimental study on electrokineticstabilisation of fine grained soil	A. R linsha, A.V praseeja
CE-515	Seismic response of pile foundation in clayey soils and seismic strengthening using micropiles	JithuSbabu, Praseejaa.v
CE-516	Study on cbr values of clay soil with crushed coconut shells	L.K.siva, A,V.Praseeja
CE-517	Slope stability analysis and slope stability improvement by plaxis	Niranjana. K., Shajitha. A. U.
CE-518	Seismic analysis of performance based design of reinforced concrete building	RehanA. Khan, T. Naqvi,
CE-519	Bio-enzyme stabilized lateritic soil as a highway material - a review	SWATHY M URALEEDHARAN, NIRANJANA K

Session-VI

24th April 2015-Friday

01:45PM-2:45PM

Track-I <i>(Computer Science & Engineering)</i> Venue: CSE Lecture Studio		
Session VI: 24 th April 2015- Friday(01:45PM-2:45PM)		
Chair-1: Dr. C.K. Raju Chair-2: Dr. V. Kabeer		
Paper ID	Paper Title	Author(s)
CSE-566	Review on Security Schemes in Publish/ Subscribe System	PrathyushaM Kumar , ArunAnoop M, Viju P Poonthottam
CSE-567	A Review On Software Project Scheduling Methods	Haseeba N., Sajeer K.
CSE 568	A Survey On Web Log Segmentation Using Query Clustering Techniques	Hima G. , Jasila E.K.
CSE-569	Social Based Routing In Delay Tolerant Network: A Survey	Shadha K., Sherikh K. K.
CSE-570	A Survey On Blind Dereverberation Methods	KhamarunnisaP, Sherikh K.K.
CSE-571	Sentiment Analysis System For Product Review: A Survey	Samith K S

Track-II <i>(Electrical & Electronics Engineering)</i> Venue: EEE Lecture Studio		
Session VI: 24 th April 2015- Friday(1:45PM-2:45PM)		
Chair-1: Dr. Nafeesa K Chair-2: Dr. Anzar S.M		
Paper ID	Paper Title	Author(s)
EEE-549	Analysis And Design of Isolated Full-Bridge Inverter Using Flyback Converter For Photovoltaic System	Sreedevi K.P, Anjali K.R, JyothiJoseph.C
EEE-551	A Solid State Transformer Integrating Distributed Generation And Hybrid Energy Storage System In Micro-Grid	SaliniMenon V, Anjali K R, Jyothi Joseph C
EEE-553	Design And Implementation Of A Control Strategy In Microgrid Containing Renewable Energy Generation	SaneenShoukathali, Rosanna Thomas, Roohma J Chazhoor
EEE-554	Simulation Methodology For Control Of Renewable Energy Sources For Stand Alone Mode Of Operation	Diya Dayal.A ,Nishitha A P, SaneenShoukathali
EEE-555	Grid Connected D-STATCOM For Power Quality Improvement	Roohma J Chazhoor, Jaison Joy , Diya Dayal A
EEE-556	Fuel Saver System Using Electric Motor	DanisonVazhappilly, Geo T.K , Sachin K.A, Sarath Raj T.
EEE-521	IR To Optical Image Matching Using ECFDA	MidhuYesodh, Neenu P.A