

DEPARTMENT OF CIVIL ENGINEERING

Session 1

Venue: Transportation Engineering Seminar Hall Chair: Dr. Elangovan Co-Chair: Dr. Bino I Koshy				CE
Sl No	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	CE-03	1.00 pm - 1.20 pm	A Study on Road Freight Characteristics – Thiruvananthapuram	Praveen V. and Dr. R. Sathikumar
.	CE-10	1.20 pm - 1.40 pm	Determination of Fundamental Properties of Sand Asphalt Mixes	K. C. Wilson and Dr. M. Satyakumar
3	CE-11	1.40 pm - 2.00 pm	Dynamic Bus Arrival Time Prediction Using GPS Data	Seema S.R. and Sheela Alex
4	CE-12	2.00 pm - 2.20 pm	Effect of Gradation of Aggregates on the Properties of Stone Matrix Asphalt	Binu S. Sivan and Binu Sara Mathew

		2.20 pm - 3.00 pm	TEA BREAK	CE
5	CE-15	3.00 pm - 3.20 pm	Effects of RBI Grade 81 on Different Types of Subgrade Soil	Anitha.K.R, R. Ashalatha and Arvee Sujil Johnson
6	CE-21	3.20 pm - 3.40 pm	Influence of Mineral Fillers on the Properties of Hot Mix Asphalt	Mahesh M. S and Satheesh Chandran. R
7	CE-24	3.40 pm - 4.00 pm	Performance Evaluation of Public Transportation System in Trivandrum City Based on Service Reliability	Ushamol.P.A and Priya.R

8	CE-36	4.00 pm - 4.20 pm	Traffic Flow Modelling of Two Lane Two Way Rural Roads Using Markov Process	Nizar P.K and Preethi P.
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Session 2

Venue: Environmental Engineering Seminar Hall Chair: Dr. V. B. Manilal, Scientist, Environmental Technology Division, NIIST Co-Chair: Dr. A. S. K. Nair, CESS				CE
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	CE-01	1.00 pm - 1.20 pm	A Comparative Study on H2S Removal from Process Air using Coirpith and Granular Activated Carbon	Dhanya Dinesan. and Prof N. Vijayan
2	CE-02	1.20 pm - 1.40 pm	A Numerical Code For Optimising Sewer Diameter	Maneesh.M and Sindhu.P
3	CE-06	1.40 pm - 2.00 pm	Bioaccumulation of Heavymetals in Akkulam-Veli Lake, South Kerala	Reeja S Raj, Sreedevi C. and Swarnalatha K.
4	CE-07	2.00 pm - 2.20 pm	Biohydrogen Production from Dairy Wastewater : Effect of Hydraulic Retention Time	Chitra Unnikrishnan. and Lea Mathew
5	CE-17	2.20 pm - 2.40 pm	Heavy Metal Distribution In Akkulam Veli Lake Sediments	Anu N and Swarna Latha K
6	CE-20	2.40 pm - 3.00 pm	Influence of Media Packing Depth and HRT on Performance of Anaerobic Hybrid Reactors	Sumi S. and Lea Mathew

Date: 07-11-09

Session 3

Venue: Civil Engineering Seminar Hall Chair: Dr. Ganesan.N Co-Chair: Dr. E. V. Namboothiri, Principal, Sasthamkotta College of Engineering & Technology				CE
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	CE-13	9.30 am - 9.50 am	Effect of Lateral Load Patterns in Pushover Analysis	Abhilash R., Biju V. and Rahul Leslie
2	CE-19	9.50 am - 10.10 am	Influence of Limestone Powder on Properties of Self-Compacting Concrete	Surabhi.C.S, Mini Soman and Dr. Syam Prakash.V
3	CE-22	10.10 am - 10.30 am	Linear and Nonlinear Dynamic Response of Chevron Type EBF	Sasikumar R. and Mitra D C

		10.30 am - 10.50 am	TEA BREAK	
4	CE-32	10.50 am - 11.10 am	Study on the Performance of Reinforced Concrete Beams Retrofitted Using Ferrocement and GFRP	Anugeetha B. and Sheela S.
5	CE-35	11.10 am -11.30 am	The Influence Of Masonry Infill In RC Multi-Storey Buildings	Sujatha A., Jiji Anna Varughese and Bindhu K.R.

Session 4

Venue: Transportation Engineering Seminar Hall Chair: Prof. (Dr.) Jayakumar,K.V, CWRDM, Executive Director, Kozhikode Co-Chair: Dr. Santhosh Thampi, NITC				CE
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	CE-14	9.30 am – 9.50 am	Effect of Sea Level Rise on Ground Water Flow Modelling	N. Kiran Tony and G. Sindhu
2	CE-16	9.50 am – 10.10 am	Flood Hazard Mapping Using GIS:A Case Study Of Vamanapuram River Basin	Rachna Chandran and M.B.Joisy
3	CE-23	10.10 am –10.30 am	Multi-objective reliability based design of water distribution system	N. Deepthi, R. Suja and Dr. J. Letha

		10.30 am - 11.00 am	TEA BREAK	CE
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4	CE-26	11.00 am – 11.20 am	Rainfall Frequency Analysis Using Parametric Methods And Artificial Neural Network	P.T. Anju and Sheena Hassan
5	CE-27	11.20 am - 11.40 am	Rainfall-Runoff modelling using distributed unit hydrograph approach	A.Ammukutty and B.Thulasidharan Nair
6	CE-28	11.40 am -12.00 noon	Rainfall-Runoff Modelling Using Finite Element Method And Geographical Information System	Ushas Ulahannan and R.Wilbert

<p>Venue: Environmental Engineering Seminar Hall Chair: Dr. T S Ramanatha Iyer Co-Chair: Dr. Chandrakaran</p>				CE
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	CE-04	9 am - 9.20 am	Behaviour Of Black Cotton Soil Reinforced With Sisal Fibre	Santhi Krishna K. and Sayida M.K.
2	CE-05	9.20 am - 9.40am	Behaviour of Piled Raft Foundation in Homogeneous and Layered Sand	Sona Vasudev. and Unnikrishnan, N.
3	CE-08	9.40 am - 10.00 am	California Bearing Ratio of Coir Geotextile Reinforced Subgrade	Minu Michael and P.Vinod
4	CE_09	10.00 am - 10.20 am	Coir Based Prefabricated Liner	Priya B.S., Ajitha A.R. and Sheela Evangeline Y.
5	CE-18	10.20 am - 10.40 am	Improvement on the Load Carrying Capacity of Well Rings	Sandhya Krishnan C and Arvee Sujil Johnson
6	CE-30	10.40 am -11.00 am	Stabilization of Clayey Soil Using Lime Solution	Rajani S.Chandran, and Padmakumar G. P.

		11.00 am - 11.20 am	TEA BREAK	CE
7	CE-33	11.20 am -11.40 am	Suitability of different materials for reinforcement column construction	Dipty Sarin Isaac. and Girish M. S
8	CE-34	11.40 am - 12.00 noon	Suitability of Kaolinite as a Landfill Liner	Bhavana P.U. and Mariamma Joseph
9	CE-37	12:00 noon - 12.20 pm	Triaxial Compression of Clay Reinforced with Quarry Dust Fibre Column	Mereena K.P. and Ajitha B. Bhaskar
10	CE-39	12.20 pm - 12.40 pm	Variation in Engineering Properties of Different Bentonites due to Acetic Acid	Raji Ann John and Sheela Evangeline Y.
11	CE-40	12.40 pm - 1.00 pm	Effect of Microbes on the Permeability of Bentonite	K S Lekshmi and Sheela Evangeline Y

DEPARTMENT OF ARCHITECTURE				AR
<p>Venue: Prof.J.C Alexander Hall , Department of Architecture Chair: Prof.K.Narayanan, Director, LBS Co-Chair: N.Ramaswamy, Professor, Dept. of Architecture, TKMCE</p>				
Sl No .	Presentati on Code	Time and Duration	Title of paper	Authors(s)
1	AR-04	9 am -9.30 am	Role of Building Information Modeling for Sustainable Design of Next Generation Architecture	Gokhle Vasudha
2	AR-05	9.30 am- 10.00 am	Untapped Possibilities of Reuse of Solid Rubber Waste in Construction	Ar. Kavita Murugkar
3	AR-06	10.00 am -10.30 am	Flood Hazard Management for Developing Countries	Karve Sujata and Gokhale Vasudha

		10.30 am- 11.00 am	TEA BREAK	AR
4	AR-07	11.00 am - 11.30am	Sustainable Urban Solid Waste Management- a case study of Pune	Vaishali Anagal
5	AR-08	11.30 am -12.00 noon	Understanding Vernacular Architecture as a tool for Sustainable Built Environment	Dr. M.C.Sundarraja, S. Radhakrishnan and R.Shanthi Priya

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 06-11-09

Session 1

Venue: SEMINAR HALL II Chair: Dr. T. Jayachandran Co-Chair: Mr. M. Dinesh Babu, APEC, GCE, Kannur				ME
Sl No	Presentati on Code	Time and Duration	Title of paper	Authors(s)
1	ME-P-01	1.30 pm - 1.50 pm	Studies on Flow Over a Heated Horizontal Cylinder at Low Reynolds Numbers	Ajith Kumar. S, A. Sameen, and S. Anil Lal
2	ME-P-02	1.50 pm -2.10 pm	Numerical Analysis of Supersonic Combustion with Clover Nozzle	Anand Raj Hariharan and Z. A. Samitha
3	ME-P-03	2.10 pm -2.30 pm	Numerical Modeling of Single Blow Transient Testing of a Wire Screen Mesh Heat Exchanger	Anjan R. Nair and K. Krishnakumar

		2.30 pm - 2.50 pm	TEA BREAK	ME
4	ME-P-04	2.50 pm - 3.10 pm	Numerical Prediction of Natural Convection in a Vertical Annulus	Arunkumar.V. and S. Anil Lal
5	ME-P-05	3.10 pm - 3.30 pm	A Study on Supersonic Ejector with Lobed Nozzle	Fazil Mohammad and Z. A. Samitha

Date: 06-11-09

Session 2

Venue: CADD LAB Chair: Dr. Nanda Kumar K Co-Chair: Dr. Sunil Kumar				ME
Sl No .	Presentati on Code	Time and Duration	Title of paper	Authors(s)
1	ME-T-01	1.30 pm - 1.50 pm	A Numerical Study on Natural Convection In Mini Channel using Water and Water-Alumina Nanofluid	Ajith Joseph and M. R. Rajkumar
2	ME-T-02	1.50 pm - 2.10 pm	Numerical Simulation of Heat Transfer and Fluid Flow in Rotating Annulus	Arun K. Sukumaran and K. S. Santhosh
3	ME-T-03	2.10 pm - 2.30 pm	Numerical Analysis of Flow Behaviour and Energy Seperation in Vortex Tube	John Wills N and Karthika. A .S
4	ME-T-04	2.30 pm - 2.50 pm	Experimental Analysis of a Hybrid Liquid Desiccant Dehumidification System	Nandakishore P.V.R and Dilip .D

		2.50 pm - 3.10 pm	TEA BREAK	ME
5	ME-T-05	3.10 pm - 3.30 pm	Experimental Thermal Analysis for Mobile Phone	Ratheesh O. and Dr. N. Asok Kumar
6	ME-T-06	3.30 pm - 3.50 pm	Experimental Analysis of Solid Desiccant Wheel Dehumidifier	Sajith A and Mr. Dilip D
7	ME-T-07	3.50 pm - 4.10 pm	Theoretical Design of an Automobile Adsorption Air Conditioner	Viji V and Dr. N. Asok Kumar

Date: 06-11-09

Session 3

Venue: SEMINAR HALL I Chair: Dr. R Ramesh Kumar Co-Chair: Dr. Z A Zoya				ME
SI No	Presentati on Code	Time and Duration	Title of paper	Authors(s)
1	ME-M-01	1.30 pm - 1.50 pm	Wear Behaviour Investigations of Journal Bearing Materials	Anand Krishnan T S. and Manoharan Achary
2	ME-M-02	1.50 pm - 2.10 pm	Optimal Synthesis of Spatial Mechanism using Genetic Algorithm	Anoop M. R. and Dr. A Samson
3	ME-M-03	2.10 pm - 2.30 pm	Finite Element Modeling And Simulation of Piezo Fan	Dileep G. and Dr. K Jayaraj

		2.30 pm - 2.50 pm	TEA BREAK	ME
4	ME-M-04	2.50 pm - 3.10 pm	Finite Element Analysis of Composite Bonded Single Lap Joint Under Axial Tensile Force	Kamal Krishna.R, K. S. Sajikumar and Dr. N.Asok Kumar
5	ME-M-05	3.10 pm - 3.30 pm	Fracture Analysis in Adhesive Bonded Joints with Centre Crack	Premchand V. P and K.S.Sajikumar

Date: 07-11-09

Session 4

Venue: SEMINAR HALL II Chair: Dr. Jayaraj Co-Chair: Sri. G Ayyappan				ME
Sl No	Presentati on Code	Time and Duration	Title of paper	Authors(s)
6	ME-P-06	10.00 am - 10.20am	Heat Transfer and Flow Friction Characteristics of Wire Mesh Regenerator with and without Spacers	Manu M John and K. Krishnakumar
7	ME-P-07	10.20 am - 10.40am	Flow Predictions in an Axial Turbine Stage Using Mixing Plane Approach	Reji R. V and Santhosh K.S
8	ME-P-08	10.40 am - 11.00am	Numerical Analysis of Flow Characteristics of Vortex Combustion Chamber	Shiblemon K. V. and Karthika A. S.
		11.00 am - 11.20am	TEA BREAK	
9	ME-P-09	11.20 am - 11.40am	Development of 3D CFD Model of a Shrouded Wind Turbine	Ullas Innocent Raj and Anitha S Nair

Date: 07-11-09

Session 5

Venue: CADD Lab Chair: Dr. K V Krishnan Kutty Co-Chair: Dr. K Gopalakrishnan Nair				ME
Sl No	Presentati on Code	Time and Duration	Title of paper	Authors(s)
6	ME-N-01	10.00 am - 10.20 am	Design And Evaluation of a Supply Chain Network Using Hybrid Algorithm	Arafath S.N and Regikumar V
7	ME-N-02	10.20 am - 10.40 am	Coordination of SVMB System through Common Replenishment Epochs	Rajesh R. and Prof. S. Siva Kumar
		10.40 am - 11.00 am	TEA BREAK	
8	ME-N-03	11.00 am - 11.20 am	Fleet Optimization of Single Depot Multi Product VRP Under Stochastic Environment	Shylesh Kumar M.K and Dr. B. Anil
9	ME-N-04	11.20 am - 11.40 am	Six-Sigma For Process Improvement	Sandeep Garg and Dr. R. C. Gupta

Date: 07-11-09

Session 5

Venue: CADD Lab Chair: Dr. K V Krishnan Kutty Co-Chair: Dr. K Gopalakrishnan Nair				ME
Sl No.	Presentati on Code	Time and Duration	Title of paper	Authors(s)
6	ME-N-01	10.00 am - 10.20 am	Design And Evaluation of a Supply Chain Network Using Hybrid Algorithm	Arafath S.N and Regikumar V
7	ME-N-02	10.20 am - 10.40 am	Coordination of SVMB System through Common Replenishment Epochs	Rajesh R. and Prof. S. Siva Kumar

		10.40 am -11.00 am	TEA BREAK	ME
8	ME-N-03	11.00 am -11.20 am	Fleet Optimization of Single Depot Multi Product VRP Under Stochastic Environment	Shylesh Kumar M.K and Dr. B. Anil
9	ME-N-04	11.20 am -11.40 am	Six-Sigma For Process Improvement	Sandeep Garg and Dr. R. C. Gupta

Date: 07-11-09

Session 6

Venue: SEMINAR HALL I Chair: Dr. M A Joseph Co-Chair: Dr. S Jayakumar				ME
Sl No.	Presentati on Code	Time and Duration	Title of paper	Authors(s)
1	ME-M-06	10.00 am - 10.20 am	Design and Analysis of a Liquid Rocket Engine Nozzle with LOX/H2 Propellant	Sailesh.R, G Ayyappan and B Anil
2	ME-M-07	10.20 am - 10.40 am	Studies on Effect of Alternating Stress and Mean Stress on Fatigue Failure in Spectral Loading	Sam Joshy, M.Unnikrishnan and B. Anil

		10.40 am - 11.00 am	TEA BREAK	ME
3	ME-M-08	11.00 am - 11.20 am	Diagnosis Of Multiple Faults Of Ball Bearings Using Visual Dot Pattern	Shabeer Hameed and Dr.A.Samson
4	ME-M-09	11.20 am - 11.40 am	M R Damper and its Application in Vehicle Suspension System	Smijith G. B and Dr. K. Jayaraj

Session 5

Venue: CTSE Hall of CCF. Chair: Sri Unnikrishnan, Addl. Director, CDAC Co-Chair: Prof. Jayanand, Asst. Professor, Govt. Engg College, Thrissur				EE
Sl No	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EE-301	9.00 am - 9.20 am	Electronic Welding Power Source with Hybrid Resonant Inverter	Jyothi G K and Jaison Mathew
2	EE-302	9.20 am - 9.40 am	Full Bridge Inverter with Auxiliary Switch	Swetha K and Johnson Mathew
3	EE-303	9.40 am - 10.00 am	A Reduced Switch Multilevel Topology for Drives application	Rabiya Rasheed
4	EE-307	10.00 am - 10.20 am	Super-Lift DC-DC Converter for High Step up application	Nesihath M K and Prof. Prameela Kumari K

		10.20 am - 10.40 am	TEA BREAK	EE
5	EE-304	10.40 am - 11.00 am	Sensorless control of Brushless DC Motor Drive Using Line-Line Voltage Detection	Deepa M U and Jaison Mathew
6	EE-305	11.00 am - 11.20 am	Resonant Driver For switched Reluctance Motor	Remya K P and Vijayakumari C K
7	EE-313	11.20 am - 11.40 am	An AC motor Drive with Constant switching frequency modulation	Blessy John and Vincent G

Session 6

Venue: Computer Science Seminar Hall. Chair: Dr. P.S. Chandramohan Nair, Dept. of Electrical Engg., Amrita School of Engg. , Amritapuri campus. Co-Chair: Dr. S. Ashok, Dept. of Electrical Engg., NIT Calicut.				EE
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EE-409	1.30 pm - 1.50 pm	Optimal Reactive Power Flow control for improvements in voltage profiles and real power loss minimization in AC-DC power systems	Muhammed Salih P and Prof. P Sreejaya
2	EE-410	1.50 pm - 2.10 pm	Shunt Active Power Filter based on Fuzzy Hysterisis controller for Electric Traction System	Smitha Krishanan and Prof. Lathika B S
3	EE-411	2.10 pm - 2.30 pm	Allocation of STATCOM for voltage stability enhancement in continency conditions	Viji J Vikram and Prof. P Sreejaya

Date: 06-11-09

Session 1

Venue: Main Seminar Hall Chair: Dr. S. Sreelal, Scientist SF, VSSC Co-Chair: Mr. M. Dinesh Babu, APEC, GCE, Kannur				EC
Sl No	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-AE-05	1.30 pm - 1.50 pm	High Speed Mixed Signal Design-For-Test Using Hybrid Fault Based Testing Algorithms	Sushanth Puthiyottil and E. Sureshkumar
2	EC-AE-01	1.50 pm - 2.10 pm	Adaptive Fuzzy PI controller for Hypersonic Wind Tunnel Pressure Regulation	Varghese Jacob and Binu L. S
3	EC-MW-01	2.10 pm - 2.30 pm	A Novel Current Reference Based on Floating Gate MOSFET with Temperature and Supply Voltage Compensation	Haseena P. S. and V. Suresh Babu
4	EC-AE-09	2.30 pm - 2.50 pm	SVPWM Controller for Multilevel Inverters	Anish. T and M. R. Baiju

		2.50 pm - 3.10 pm	TEA BREAK	EC
5	EC-SP-10	3.10 pm - 3.30 pm	Independently driven double gate FinFET scalable to 10nm	Varun P. Gopi and V. Suresh Babu
6	EC-MW-07	3.30 pm - 3.50 pm	Low Temperature Coefficient Voltage Reference Based on CMOS	G. Sambasiva Rao, Sumam M. J and V. Suresh Babu

Session 2

Venue: Mini Seminar Hall Chair: Dr. A. Sukeshkumar, Principal, Rajadhani Institute of Engg. and Technology, Attingal. Co-Chair: Mr. C. A. Prajith, APEC, GEC, Painav, Idukki				EC
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-MW-04	1.30 pm - 1.50 pm	Classification of Organisms using Frequency-Chaos Game Representation of Genomic Sequences and ANN	Karthika Vijayan, Vrinda V. Nair and Deepa P. Gopinath
2	EC-AE-10	1.50 pm - 2.10 pm	Trajectory Optimization of a Robotic Arm	D. R. Gurunath and T. G. James
3	EC-SP-03	2.10 pm - 2.30 pm	Active String Mechanism - A Serpentine Robot Locomotion Analysis Platform	Sreekanth M. and James T.G.
4	EC-AE-02	2.30 pm - 2.50 pm	Analog Circuit Verification by Weighted Decision Diagram	Sreedev D. S. and Ajayan K. K.

		2.50 pm - 3.10 pm	TEA BREAK	EC
5	EC-AE-04	3.10 pm - 3.30 pm	FPGA Realization of Modulation Schemes for Three Level Inverters	Soumya M. B. and Shiny .G.
6	EC-AE-08	3.30 pm - 3.50 pm	SIPO shift register based DpCAM Architecture for Pattern Matching Circuit on FPGA	Vani H. and Ajayan K. K.

Date: 06-11-09

Session 3

Venue: VLSI Lab Chair: Dr. Sakuntala S. Pillai, HOD, ECE, Mar Baselios College of Engg & Technology, Bethany Hills, Nalanchira Co-Chair: Dr. Sathishkumar C., HOD, ECE, GCE, Kannur				EC
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-SP-08	1.30 pm - 1.50 pm	Analysis of Ciphering Scheme for User Plane Data in PDCP Sublayer of LTE	Jiss J. Nallikuzhy and Ajayan K.K.
2	EC-AE-03	1.50 pm - 2.10 pm	Enhanced Identification of Implications for Untestable Fault detection in Combinational Circuits	Ranjith R. and E. Suresh Kumar
3	EC-SP-11	2.10 pm - 2.30 pm	Performance analysis of Turbocodes in Rayleigh Fading Environment	Bindu Kurian and Smitha Satheesh
4	EC-SP-07	2.30 pm - 2.50 pm	An Integrated System For Measuring ECG and EMG	Nelwin Raj N.R. and Sajith V.

		2.50 pm - 3.10 pm	TEA BREAK	EC
5	EC-MW-09	3.10 pm - 3.30 pm	Remote Glucose Monitoring System based on Respiration signal and Heart beat	Sherin John and S. Shabu
6	EC-AE-06	3.30 pm - 3.50 pm	Modelling & Simulation of Pulmonary Trunk wall deformations using 2D- Finite Element method	Bijoy B. K. and Binu L. S.

Date: 07-11-09

Session 4

Venue: Main Seminar Hall Chair: Dr. R. Ibrahimkutty, HOD, ECE, Mohandas College of Engg., Nedumangad Co-Chair: Dr. Ziaudeen, Principal, T.K.M College of Engg., Quilon				EC
SI No	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-MW-05	9.30 am - 9.50 am	Design of Dual Band Helical Antenna using Neural Networks	Jagadeesh V. K. and Santhosh Kumar S.
2	EC-MW-08	9.50 am -10.10 am	Optimization of Planar Inverted F antenna for a Life Detection System	Annie George and S. Shabu
3	EC-AE-07	10.10 am-10.30am	Shape Extraction From Multi Focus Images Using Fuzzy Approach	Darsana K. K. and Santhosh Kumar S.

		10.30 am - 10.50am	TEA BREAK	EC
4	EC-MW-06	10.50 am -11.10 am	Implementation of Single Carrier-FDE for Multiple Rate Transmission	Indu C., Susan R.J. and Sakuntala S. Pillai
5	EC-MW-11	11.10 am -11.30 am	Transmitter Aided Pre-equalization for Downlink Channel of CDMA Systems	Anusha U.S., Susan R.J. and Sakuntala S. Pillai

Date: 07-11-09

Session 5

Venue: Mini Seminar Hall Chair: Prof. K. C. Raveendran HOD, ECE, GEC, Barton Hill Co-Chair: Mr S. Krishna Kumar, CDAC, Trivandrum				EC
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-SP-14	9.30 am - 9.50 am	Wavelet Analysis of Coding and Noncoding Regions of DNA Sequences	Jishnu S. and Deepa P. Gopinath
2	EC-SP-13	9.50 am - 10.10 am	Video Summarization by Iterative Node Segmentation and Histogram Similarity	Arun P. S. and Reshmi S. Bhooshan
3	EC-SP-09	10.10 am -10.30 am	Feature optimization for music genre classification based on Support Vector Machine	Deepa P. L. and K. Suresh

		10.30 am -10.50 am	TEA BREAK	EC
4	EC-SP-04	10.50 am - 11.10 am	Adaptive Vector Quantization Based Wideband Speech Coder in the MDCT Domain	Mili Rosline Mathews and K. Suresh
5	EC-SP-02	11.10 am - 11.30 am	A Reconfigurable Architecture for Two Dimensional Digital Rank Order Filter	Sreeraj K. P. and M. R. Baiju

6	EC-SP-05	11.30 am - 11.50 am	Algebraic Signal Processing Theory: 1-D Time Models	Vaishak K. and M. R. Baiju
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Session 6

Venue: VLSI Lab Chair: Dr. V.P. Mahadevan Pillai, Prof and Head, Dept of Optoelectronics, University of Kerala Co-Chair: Mr. V. V Sasikumar, APEC, GEC, Barton Hill				EC
Sl No .	Presentati on Code	Time and Duration	Title of paper	Author(s)
1	EC-SP-12	9.30 am - 9.50 am	Person Identification Based on Leg Gesture	Abhilash S. Vasu and Reshmi S. Bhooshan
2	EC-MW-02	9.50 am - 10.10 am	A Novel Datahiding Algorithm in Spatial Domain	Sudeep P. V., Navas K. A. and Sheeba V. S.
3	EC-SP-01	10.10 am - 10.30 am	A Novel Objective Audio Quality Measure	Harsha Kumari V., Biji Jacob and K. A. Navas

	10.30 am - 10.50 am	TEA BREAK	EC
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4	EC-MW-10	10.50 am - 11.10 am	Simulation of a Modem using Digital Pulse Interval Modulation for Wireless Optical Links	Sabi S. and Vijayakumar N.
5	EC-SP-06	11.10 am - 11.30 am	An Efficient and Precise Method of Launching Light into a Monomode Fiber from Incoherent Sources	Biju P. and Vijayakumar. N.
6	EC-MW-03	11.30 am - 11.50 am	A Technique To Reduce Nonlinearity in Radio over Fiber Systems	Asish. B. Mathews and R. Pradeep