

5. ENGINEERING & TECHNOLOGY

Sl No.	Reg. No.	Title of Paper
Best Paper Award		
1	10576	ECOFRIENDLY SYNTHESIS OF REFRACTORY BORON CARBIDE FOR INDUSTRIAL APPLICATIONS
2	10807	Virtual Inertial System as a Solution to Allow Higher Penetration of Renewable Energy Sources to the Electricity Grid
3	10191	Aerogel Engineered at Nano scale from cellulose nano fibers and Curcumin: an effective Treatment for Chronic Wounds
4	10278	RUBBER FULLERENE: TOWARD GREEN & SUSTAINABLE ORGANIC SOLAR CELLS
5	10578	FRACTAL ANALYSIS ON NANOSTRUCTURED ZnS THIN FILM
Oral Paper Presentation		
1	10197	AN EFFECTIVE EMI SHIELDING MATERIAL BASED ON MULTIWALLED CARBON NANOTUBE INCORPORATED POLYMER BLEND NANOCOMPOSITES
2	10681	Memristor Based Adaptive Impedance and Frequency Tuning Network
3	10098	PLANAR BANDPASS FILTERS EMPLOYING FUNNEL SHAPED RESONATORS FOR WIDEBAND APPLICATIONS
4	10351	PHOTOVOLTAIC HEALTH MONITORING USING MEMRISTORS
5	10348	Polarization Reconfigurable Bow Tie Antenna For RF Energy Harvesting
6	10716	TOPOLOGICAL STUDIES ON ZNO THIN FILMS PREPARED BY RF MAGNETRON SPUTTERING
7	11296	Rigid Polyurethane Biofoam from Castor Oil: Effect of Blowing and Cross-linking agent on the Density and Compressive Strength
8	10885	COMPLEX DYNAMIC NETWORKS GENERATED FROM CHAOTIC TIME SERIES - A CASE STUDY OF CHUA CIRCUIT

SI No.	Reg. No.	Title of Paper
9	11169	INVESTIGATIONS AND ANALYSIS ON THE OPTICAL PROPERTIES OF ZINC PHTHALOCYANINE & ZINC TETRA TERT BUTYL NAPHTHALOCYANINE FOR RADIATION DOSIMETER
10	10812	Strength and Durability of Concrete Containing Admixed Recycled Aggregate
11	10418	EXISTENCE OF NANOSTRUCTURED FIBRE STRUCTURES YIELDING HIGH PERFORMANCE OFETS USING P3HT
12	11192	ZrO ₂ – Al ₂ O ₃ MIXED OXIDE INCORPORATED HOT DIP GALVANIZED COATING FOR CORROSION PREVENTION
13	10023	ENVIRO-FRIENDLY ORGANIC MEMORY
14	10865	ORGANIC FIELD EFFECT TRANSISTOR WITH EXCELLENT ELECTRICAL PARAMETERS BASED ON COPPER PHTHALOCYANINE
15	11090	ESTIMATION OF IRRIGATION DEMAND FOR THE FIVE RIVERS DRAINING INTO VEMBANAD WETLAND SYSTEM
16	10226	Experimental investigations on fiber reinforced bituminous mixes
17	11078	CLIMATIC VARIABILITY AND TRENDS IN KUPPAM RIVER BASIN OF KERALA, INDIA
18	11208	ANALYSIS OF AC ELECRITICAL CONDUCTIVITY OF METAL SEMICONDUCTOR DIODE USING ORGANIC MATERIALS
19	10316	SUSTAINABLE MATERIALS IN CONSTRUCTION- FUTURE IN PERSPECTIVE OF GREEN RATING SYSTEMS
Poster Presentation		
1	10097	NANOSTRUCTURED THERMOSETS FROM EPOXY/ BLOCK COPOLYMER BLEND SYSTEM- MORPHOLOGICAL AND DYNAMIC MECHANICAL ASPECTS

SI No.	Reg. No.	Title of Paper
2	11144	POTENTIAL AND ECOLOGICAL ADVANTAGE OF SMALL HYDRO PROJECTS - ASSESSING THE CASE OF MEENVALLOM
3	11278	Graphene functional material for pervaporation separation of water –ethyl acetate azeotropic mixtures
4	10177	Poly (Vinyl Alcohol) (PVA)/ Cage Structured Polyhedral Oligomeric Silsesquioxane (POSS) Membranes for the Separation of Azeotropic Mixture of Isopropanol (IPA) –Water System
5	10039	System for Prevention of Electrocutation and the Hazardous Effects of Short Circuits
6	10501	COMPARISON OF NORMAL AND STEAM CURING ON MECHANICAL AND DURABILITY PROPERTIES OF CONCRETE
7	11126	TRAFFIC AND TRAVEL CHARACTERISTICS OF A SMALL SIZED TOWN- HARIPAD A CASE STUDY
8	11287	USER PERCEPTION ON ROAD SAFETY INITIATIVES - A CASE STUDY OF THIRUVANANTHAPURAM CITY
9	11009	Effect of Chromium on Engineering properties of Amended Liner
10	10500	MECHANICAL AND THERMAL PROPERTIES OF MULTIWALL CARBON NANOTUBE REINFORCED POLY (TRIMETHYLENE TEREPHTHALATE) NANOCOMPOSITES
11	10518	CLAY LINER DEVELOPMENT USING LATEX TREATED COIR AND BENTONITE
12	10004	Advanced E-Wheelchair
13	11008	Experimental Investigations on Chillover of standard port cryogenic ball valve with different orientations

SI No.	Reg. No.	Title of Paper
14	10757	Water Table Fluctuation Studies in the Lateritic Aquifer of Northern Kerala
15	11172	EXPERIMENTAL INVESTIGATIONS ON HELICAL AND STRAIGHT CRYOGENIC TRANSFER LINES UNDER DIFFERENT MASS FLUX
16	10611	STUDY ON INTERFERENCE EFFECT OF ADJACENT STRIP FOOTINGS USING PLAXIS-2D
17	10203	OUTLOOK OF FUTURE PRECIPITATION IN KALLELI WATERSHED OF ACHENCOIL RIVER BASIN IN KERALA, INDIA
18	11232	Growth of Urban Travel Form: A Case Study of Thiruvananthapuram City
19	10027	DEEP SELF TRAINED LEARNING FOR SINGLE IMAGE SUPER RESOLUTION
20	11332	PolyanilineNanofiber/Natural Rubber Composites for Pressure and Temperature Sensing
21	10139	GRAPHENE /CLAY NANO HYBRIDS AS EFFICIENT FLAME RETARDANT IN EPOXY COMPOSITES
22	10522	FIELD APPLICATIONS OF GEOPOLYMER CONCRETE
23	11006	EXPLICIT RATIO CURVES FOR GENERATION OF DAILY STREAMFLOW DATA FROM MONTHLY AVERAGE STREAMFLOW FOR THE HUMID TROPICS
24	11215	Steady-state simulation of a Fluid Catalytic Cracking Unit using Aspen HYSYS