

## GBSE 2018-Papers accepted for oral presentation

SI No	Sub ID	Title
1	2	Comparison of 6 phase and 3 phase Induction Motor for electric vehicle propulsion as an improvement towards sustainable transportation
2	3	Design and Fabrication Of Wheeled Inverted Pendulum Human Transportar(WIPHT)
3	4	Green Buildings From Industrial Byproduct Phosphogypsum - Transforming Mass Housing In India For Sustainable Future
4	6	Review on Applications of Smart Glass In Green Buildings
5	7	Pine Needles Biomass Gasification Based Electricity Generation For Indian Himalayan Region: Opportunities And Challenges
6	8	Adsorption potential of sewage sludge derived bio-char for Total dissolved solids removal in RO-Brine: equilibrium, kinetics, thermodynamic studies along with modelling and optimization
7	11	Green Solution For Rural Housing
8	12	Integrated Information Technology innovations for Engineering, Procurement and Construction Industry
9	13	LST mapping of SPV to gauge their influence on near-surface air temperature of New Delhi city
10	16	Development of Gutenberg-Richter recurrence relationship using earthquake data
11	21	Recent Developments in Latent Heat Energy Storage Systems Using Phase Change Materials (PCMs): A Review
12	22	Studies on performance of reclaimed asphalt pavement materials using natural zeolite as warm mix additive
13	24	Portable Bio-Electric Plant
14	25	Computational study on exhaust gas treatment of vehicles with activated carbon
15	26	Green Building Rating Tools within the perspective of the three pillars of sustainability using Point Allocation Method
16	29	Heat Transfer Enhancement in a Circular Tube fitted with Twisted Tape having continuous cut edges using CuO-Water Nanofluid
17	31	Mechanical Efficiency Testing of Hybrid Natural Fibre Composite Materials with Glass/Carbon Reinforcements
18	35	Aid of Technology for Sustainable development-A case study in rural area at Trivandrum District
19	36	Structural Health Monitoring of Smart Composites: A Review

20	37	Comparative study on the effect of false ceiling materials on the room temperature
21	38	Influence of Soil Structure Interaction on the Structural Performance of D30 Transmission tower
22	39	Estimation of Variation in Heat Loss Parameters with the Tilt Angle in a Solar Thermal Flat Plate Collector
23	40	Solid Waste Fly Ash Eco-Bricks Development For Sustainable Building
24	41	Sustainable Alternatives for Fine Aggregates in Concrete
25	42	Production of Low-Carbon Construction Components from Industrial Scheduled Wastewater Sludge
26	43	Agro-Waste Application as Alternative Sustainable Construction Materials
27	44	Analysis Of The Master Planning Process in India For Its Failure in Factoring in Environmental Consideration
28	45	Ecological Conservation of Site through Responsive Design: Case of Muziris Heritage Interpretation Center
29	48	Optimizing an on-grid hybrid power system in educational institution in Tamil Nadu, India
30	49	Emergence of Nanomodified fibers as soil reinforcement- A review
31	50	Energy savings in a building at different climatic zones of India by using insulating materials
32	51	Mechanical And Durability Properties Of Soil Stabilised Microbial - Induced Calcite Precipitation (MICP) : Preliminary Investigation
33	52	Early Strength Properties of Flood Susceptible Stabilised Clay Soils using Industrial Waste
34	53	Supplementary Cement Replacement Materials in Sustainable Concrete
35	55	Inhibition assays of urease for detecting trivalent chromium in drinking water
36	56	Modeling biochar yield and syngas production during the pyrolysis of agro-residues
37	58	Review of various biomass characterization in South Asian Region
38	59	Elimination of toxic heavy metals from aqueous systems using potential biosorbents
39	60	Optimization of etherification reactions for recycling of tea fungal biomass waste into carboxymethyl cellulose
40	62	Experimental Investigation on fluidized bed gasifier using saw dust as biomass
41	63	Stabilization of Black Cotton Soil Using Waste Paper Sludge Ash
42	67	Green rating credits for waste utilization in construction
43	68	A novel approach of IoT based smart greenhouse farming System

44	69	Sustainable Energy Generation from Agricultural Crop Residues
45	70	Influence of Steel Fiber on Mechanical properties Geo-Polymer Concrete
46	71	Compressive Strength and Water Absorption Characteristics Fly Ash and Wood Ash Replaced Cement Mortar Bricks
47	74	An Investigation on the Micro Structural and Elemental Composition of Sugarcane Bagasse Ash Blended Concrete Using SEM and EDS Technique
48	75	Techno-Economic Analysis of a Grid Connected Hybrid Solar-Wind Energy System
49	76	Building Systems Retrofitted with Building Automation System (BAS): Parametric Design Using TRIZ Methodology and Life Cycle Assessment.
50	77	A Study on the Performance of Random Rubble Stone Masonry
51	79	Erosion Identification and Assessment of a Steel Pipeline using EMI Technique
52	81	Energy savings in buildings through energy monitoring and integration of IOT: A review
53	82	Demolished Brick Masonry As A Replacement Of River Sand In Cement And Cement Lime Mortar
54	83	Compression and Flexural Strength Properties of Areca Nut Fibre Reinforced Self-Compacting Concrete
55	84	Partial Replacement of Aggregates with Granulated Waste Plastic in Solid Concrete Blocks – An Intensive Study
56	86	Numerical Analysis and Power Prediction of a Savonius Hydrokinetic Turbine
57	87	Solid State Reduction Studies on Manganese Ores
58	88	Dynamic study and analysis of gravity dam considering foundation interaction effect and sloshing effect
59	89	A Brief Study of the Particulate Matter Emissions during the EDM Process
60	90	A Study On Effect Of Additives On Strength Characteristics Of Marine Clay
61	91	A Preliminary Study of the Air Pollutants Discharge during the Electric Discharge Machining Process

**NB: Final acceptance for publication of the paper in the Springer Transactions in Civil and Environmental Engineering is subjected to the approval from the publisher**