

GBSE2018/SASH2018 PROGRAM SCHEDULE			
Time		24-Jan	Venue
9 am-10.30 am		Opening Ceremony (GBSE2018 and SASH2018)	Multimedia Hall
10:00 am-10.45 am		Talk 1: Sustainable Architecture for Smart Cities M. Selvarasu, Director, LEAD Consultancy & Engg Services India Pvt. Ltd	Multimedia Hall
10.30 am-11 am		Tea break	
10.30 am-11:45 am		Talk 2: Sustainable Buildings in Smart Cities V. Suresh, Chairman, National Building Code of India	Multimedia Hall
11:45 am-12:30 am		Talk 3: Solar Energy Solutions for Smart Cities Dr.-Ing. Harald Drück, Head, TZS, University of Stuttgart, Germany & Adjunct Professor, RSET.	Multimedia Hall
12:30 am - 1:00 pm		Zero Hour: Presentation by CIAL	Multimedia Hall
11 am-12.30 pm	Session 1	Smart and sustainable energy technologies -I	Gallery Hall
11 am-11.15 am	ID 39	Estimation of Variation in Heat Loss Parameters with the Tilt Angle in a Solar Thermal Flat Plate Collector	Gallery Hall
11.15 am-11.30 am	ID 13	LST mapping of SPV to gauge their influence on near-surface air temperature of New Delhi city	Gallery Hall
11.30 am-11.45 am	ID 21	Recent Developments in Latent Heat Energy Storage Systems Using Phase Change Materials (PCMs): A Review	Gallery Hall
11.45 am-12 noon	ID 24	Portable Bio-Electric Plant	Gallery Hall
12 noon-12.15 pm	ID 36	Structural Health Monitoring of Smart Composites: A Review	Gallery Hall
12.15 pm-12.30 pm	ID 75	Techno-Economic Analysis of a Grid Connected Hybrid Solar-Wind Energy System	Gallery Hall
11 am-12.30 pm	Session 1	Green building and Transportation, Sustainable Habitat, Environmental Geotechniques-I	Sunya lab Hall

11 am-11.15 am	ID 4	Green Buildings From Industrial Byproduct Phosphogypsum - Transforming Mass Housing In India For Sustainable Future	Sunya lab Hall
11.15 am-11.30 am	ID 6	Review on Applications of Smart Glass In Green Buildings	Sunya lab Hall
11.30 am-11.45 am	ID 11	Green Solution For Rural Housing	Sunya lab Hall
11.45 am-12 noon	ID 26	Green Building Rating Tools within the perspective of the three pillars of sustainability using Point Allocation Method	Sunya lab Hall
12 noon-12.15 pm	ID 44	Analysis Of The Master Planning Process in India For Its Failure in Factoring in Environmental Consideration	Sunya lab Hall
12.15 pm-12.30 pm	ID 50	Energy savings in a building at different climatic zones of India by using insulating materials	Sunya lab Hall
1:00 pm-2 pm		Lunch break	Cafeteria
2 pm - 2:45 pm		Talk 4: Low Energy Cooling: Radiant Cooling and Thermal Storage Dr. Jyotirmay Mathur, Dept. of Mechanical Engineering, MNIT, Jaipur	Multimedia Hall
2:45 pm-3:30 pm		Talk 5: Emerging Energy Storage Technologies for Smart Cities Dr. Verghese Jacob, Chairman, STEAG Energy Services (India) Pvt. Ltd	Multimedia Hall
2 pm-3.30 pm	Session 2	Sustainable material and green manufacturing-I	Gallery Hall
2.00 pm-2.15 pm	ID 84	Partial Replacement of Aggregates with Granulated Waste Plastic in Solid Concrete Blocks – An Intensive Study	Gallery Hall
2.15 pm-2.30 pm	ID 35	Aid of Technology for Sustainable development-A case study in rural area at Trivandrum District	Gallery Hall
2.30 pm-2.45 pm	ID 88	Dynamic study and analysis of gravity dam considering foundation interaction effect and sloshing effect	Gallery Hall
2.45 pm-3.00 pm	ID 57	Comparative Study On Properties Of Fly-Ash Bricks With Conventional Bricks By Varying Material And Compositions	Gallery Hall
3.00 pm-3.15 pm	ID 49	Emergence of Nanomodified fibers as soil reinforcement- A review	Gallery Hall
3.15 pm-3.30 pm	ID 53	Supplementary Cement Replacement Materials in Sustainable Concrete	Gallery Hall
2 pm-3.30 pm	Session 2	Recycling, sanitation, Life cycle and Nano technology-I	Sunya lab Hall

2.00 pm-2.15 pm	ID 55	Inhibition assays of urease for detecting trivalent chromium in drinking water	Sunya lab Hall
2.15 pm-2.30 pm	ID 56	Modeling biochar yield and syngas production during the pyrolysis of agro-residues	Sunya lab Hall
2.30 pm-2.45 pm	ID 58	Review of various biomass characterization in South Asian Region	Sunya lab Hall
2.45 pm-3.00 pm	ID 18	Recycling and Waste Management in City Centers	Sunya lab Hall
3.00 pm-3.15 pm	ID 60	Optimization of etherification reactions for recycling of tea fungal biomass waste into carboxymethyl cellulose	Sunya lab Hall
3.15 pm-3.30 pm	ID 29	Heat Transfer Enhancement in a Circular Tube fitted with Twisted Tape having continuous cut edges using CuO-Water Nanofluid	Sunya lab Hall
3.30 pm- 3:45 pm		Tea break	Sunya lab Hall
3:45 pm - 5:00 pm		Panel Discussion 1: "Sustainable Habitats for Smart Cities"	Multimedia Hall
4 pm-5.15 pm	Session 3	Green building and Transportation, Sustainable Habitat, Environmental Geotechniques-II	Gallery Hall
4.00 pm-4.15 pm	ID 67	Green rating credits for waste utilization in construction	Gallery Hall
4.15 pm-4.30 pm	ID 76	Building Systems Retrofitted with Building Automation System (BAS): Parametric Design Using TRIZ Methodology and Life Cycle Assessment.	Gallery Hall
4.30 pm-4.45 pm	ID 89	A Brief Study of the Particulate Matter Emissions during the EDM Process	Gallery Hall
4.45 pm-5.00 pm	ID 37	Comparative study on the effect of false ceiling materials on the room temperature	Gallery Hall
5.00 pm-5.15 pm	ID 45	Ecological Conservation of Site through Responsive Design: Case of Muziris Heritage Interpretation Center	Gallery Hall
4 pm-5.15 pm	Session 3	Smart and sustainable energy technologies -II	Sunya Lab Hall
4.00 pm-4.15 pm	ID 38	Influence of Soil Structure Interaction on the Structural Performance of D30 Transmission tower	Sunya Lab Hall

4.15 pm-4.30 pm	ID 48	Optimizing an on-grid hybrid power system in educational institution in Tamil Nadu, India	Sunya Lab Hall
4.30 pm-4.45 pm	ID 62	Experimental Investigation on fluidized bed gasifier using saw dust as biomass	Sunya Lab Hall
4.45 pm-5.00 pm	ID 69	Sustainable Energy Generation from Agricultural Crop Residues	Sunya Lab Hall
5.00 pm-5.15 pm	ID 86	Numerical Analysis and Power Prediction of a Savonius Hydrokinetic Turbine	Sunya Lab Hall
5.15 pm-6:00 pm		SASH Expo & Cyclothon	Chavra Hall
6:00 pm - 07:00 pm		SPANDAN2018 - Cultural Fest	Main Building Quadrangle
07:00 pm - 09:00 pm		Networking & Conference Dinner	Cafeteria
		25-Jan	
09:00 am-09:45 am		Talk 1: Nanotechnology Applications for Smart Cities Prof. Dr. Michael Pfeffer, Pro-Vice Chancellor, Ravensburg-Weingarten University, Germany & Adjunct Professor, RSET	Multimedia Hall
09:45 am-10:30 am		Talk 2: Building Materials for Smart Habitats Dr. Ananthakumar S., Senior Principal Scientist, Department of Material Science and Technology, NIIST, India	Multimedia Hall
10.30 am-10:45 am		Tea break	
10:45 am - 11:30 am		Talk 3: Innovative Technologies for Smart Cities Mr. Ajay Gupta, Head of Security Enterprises, Siemens India	Multimedia Hall
11:30 am - 12:15 pm		Talk 4: Smart Solutions for Urban Habitats Mr. Siddalingesh Kittur, Business Excellence Leader, Honeywell India	Multimedia Hall
10:45 am-12.00 Noon	Session 4	Sustainable material and green manufacturing-II	Gallery Hall
10:45 am-11.00 am	ID 71	Compressive Strength and Water Absorption Characteristics Fly Ash and Wood Ash Replaced Cement Mortar Bricks	Gallery Hall

11:00 am-11.15 am	ID 70	Influence of Steel Fiber on Mechanical properties Geo-Polymer Concrete	Gallery Hall
11.15 am-11.30 am	ID 68	A novel approach of IoT based smart greenhouse farming System	Gallery Hall
11.30 am-11.45 am	ID 91	A Preliminary Study of the Air Pollutants Discharge during the Electric Discharge Machining Process	Gallery Hall
11.45 am-12 noon	ID 3	Design and Fabrication Of Wheeled Inverted Pendulum Human Transportar(WIPHT)	Gallery Hall
10:45 am-12.00 Noon	Session 4	Green building and Transportation, Sustainable Habitat, Environmental Geotechniques-III	Sunya lab Hall
10:45 am-11.00 am	ID 87	Solid State Reduction Studies on Manganese Ores	Sunya lab Hall
11:00 am-11.15 am	ID 16	Development of Gutenberg-Richter recurrence relationship using earthquake data	Sunya lab Hall
11.15 am-11.30 am	ID 79	Erosion Identification and Assessment of a Steel Pipeline using EMI Technique	Sunya lab Hall
11.30 am-11.45 am	ID 90	A Study On Effect Of Additives On Strength Characteristics Of Marine Clay	Sunya lab Hall
11.45 am-12 noon	ID 2	Comparison of 6 phase and 3 phase Induction Motor for electric vehicle propulsion as an improvement towards sustainable transportation	Sunya lab Hall
12:00 Noon-1:30pm		Key note Lecture- Prof. Radhakrishna G. Pillai, IIT Madras Enhancing the Corrossion Resistance of RC Structures: Indian Scenario and Challenges ahead	Gallery Hall
1:15 pm-2 pm		Networking & Conference Lunch	Cafeteria
02:00 pm- 02:45 pm		Talk 5: Intelligent Micro Grid for Smart Cities Mr. Murari G N, Head of Projects and Engineering, Bosch Energy and Building India	Multimedia Hall
02:45 pm – 3:30 pm		Talk 6: Creative Architecture for Smart Cities Ar. Heinz Pahl-Kaupp, Earth Habitats, UK	Multimedia Hall
03:30pm - 03:45pm		Tiffin Break	
03:45pm-04: 45pm		Panel Discussion 2: “Challenges for Smart City Implementation”	Multimedia Hall

04:45pm - 05:00pm		Valedictory Fuction	Multimedia Hall
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