

Jawaharlal Nehru National College of Engineering, Shivamogga.
**International conference on “Emerging and Sustainable Trends in Civil
Engineering - 2018”**
27th -28th, September – 2018

Session Chairs

3.15PM - 4.15PM ; 27.9.2018
Paper presentation -1 (Session 1A) 1. Dr. Y.R.Sathyaji Rao, Scientist-F & Head,NIH,Kakinada,Andhra Pradesh. 2. Dr. C.G.Hemamalini,Professor,Department of Civil Engineering, JNNCE,Shivamogga.
3.15PM - 4.15PM; 27.9.2018
Paper presentation -1 (Session 1B) 1. Dr.Lakshman Nandagiri,Professor <i>NITK, Surathkal</i> . 2. Mr.A.N Srinivasa Pandit, Asst.Professor Department of Civil Engineering, JNNCE,Shivamogga.
4.15PM -5.15PM; 27.9.2018
Paper presentation -2 (session 1C) 1. Dr.G.R.Manjunath, Professor & Head Atria College of Engineering & Tech, Bangalore. 2. Mr.Umapathi, Asst.Professor Department of Civil Engineering, JNNCE,Shivamogga.
4.15PM -5.15PM; 27.9.2018
Paper presentation -2 (session 1D) 1. Dr. Rajendra.S, Principal,NCET Bangalore. 2. Mr.Shashikumar M Hiremath, Asst.Professor Department of Civil Engineering, JNNCE,Shivamogga.
9.30AM -10.30AM; 28.9.2018
Paper presentation -3 (session 2A) 1. Dr. K.P.Sudeer, Professor, IIT, Madras. 2. Dr. Rajendra Khataavkar,Professor & Head Department of Civil Engineering, JNNCE,Shivamogga.
9.30AM -10.30AM; 28.9.2018
Paper presentation -3 (session 2B) 1. Dr.Paresh Chandra Deka, Professor,NITK Surathkal. 2. Dr.Karthika B S, Associate Professor, Department of Civil Engineering, JNNCE,Shivamogga.
2.00PM -03.00PM; 28.9.2018
Paper presentation -4 (session 2C) 1. Dr. Rajesh Gopinath, Associate Professor, Department of Civil Engineering,BMSIT&M,Bangalore. 2. Mr.Mohamed Ibrahim N, Asst.Professor Department of Civil Engineering, JNNCE,Shivamogga.
2.00PM -03.00PM; 28.9.2018
Paper presentation -4 (session 2D) 1. Dr. P.S. Raghuprasad, Associate Professor, Department Of Construction Technology & Management, SJCE , Mysore. 2. Mr.Raghuram.K.C, Asst.Professor Department of Civil Engineering, JNNCE,Shivamogga.
3.15PM -04.00PM; 28.9.2018 – Panel Discussion On “Sustainable Civil Engineering for Smart cities”.

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Program Schedule

27.09.2018, Thursday	
8.30 AM To 9.30 AM	Registration
9.30 AM To 10.30 AM	Inauguration
10.30 AM To 11.30 AM	Keynote speech by Dr.Lakshman Nandagiri,Professor <i>NITK, Surathkal.</i>
11.30 AM To 11.45 AM	Tea Break
11.45 AM To 12.45 PM	Invited Talk -1 Dr. Y.R.Sathyaji Rao, Scientist-F & Head,NIH,Kakinada,Andhra Pradesh.
1.00PM – 1.45PM	Lunch
2.00PM – 3.00PM	Invited Talk -2 Dr.Rajandra.S , Principal,NCET Bangalore.
3.00PM – 3.15PM	Tea Break
3.15PM -4.15PM	Paper Presentation -1 (Session 1A & Session 1B)
4.15PM – 5.15PM	Paper Presentation -2 (Session 1C & Session 1D)
28.09.2018, Friday	
Breakfast :8.30AM To 9.30AM	
9.30 AM To 10.30 AM	Paper Presentation -3 (Session 2A & Session 2B)
10.30 AM To 11.30 AM	Invited Talk -3 Dr. K.P.Sudeer, Professor, IIT, Madras.
11.30 AM To 11.45 AM	Tea Break
11.45 AM To 12.45 PM	Invited Talk -4 Dr.Paresh Chandra Deka, Professor,NITK Surathkal.
1.00PM – 1.45PM	Lunch
2.00PM – 3.00PM	Paper Presentation -4 (Session 2C & Session 2D)
3.00PM – 3.15PM	Tea Break
3.15PM – 4.15PM	Panel Discussion
4.15PM – 5.00PM	Valedictory Program

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Paper Presentation Schedule

SESSION 1A – Auditorium: 01

Date: 27.09.2018

Time: 03.15PM To 4.15PM

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-6	LANDUSE CHANGE DETECTION ANALYSIS FOR TIRUTTANI TALUK USING GEOSPATIAL INFORMATION TECHNOLOGY	Dr. Iyappan Lakshmanan	Full Paper
2.	ESCE-58	CLIMATE CHANGE AND ADOPTATION	Ms. Nivetha D, Ms. Urmika	Full Paper
3.	ESCE-59	A STUDY ON FLASH FLOODING	Ms. E Nandini Devi	Full Paper
4.	ESCE - 66	INVESTIGATION OF GROUNDWATER POTENTIAL ZONES USING VERTICAL ELECTRICAL SOUNDING: A CASE STUDY OF 06 DIFFERENT WATERSHEDS FROM KOLHAPUR DISTRICT, MAHARASHTRA, INDIA	Dr. Golekar R. B	Full Paper
5.	ESCE-8	DEVELOPMENT OF STRUCTURAL HEALTH MONITORING SYSTEM – THE STATE-OF-THE-ART-REVIEW	Dr A Rose Enid Teresa	Full Paper

SESSION 1B – Auditorium: 02

Date: 27.09.2018

Time: 03.15PM To 4.15PM

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-4	CASE STUDY ON COMPARATIVE ANALYSIS OF SOIL MOISTURE USING DIGITAL SENSORS FOR IRRIGATION MANAGEMENT	Mr. R S Patil	Full Paper
2.	ESCE-16	EXPERIMENTAL INVESTIGATION ON CONCRETE WITH SLAG SAND AS REPLACEMENT FOR FINE AGGREGATE	Dr. P.S. Raghuprasad	Full Paper
3.	ESCE-18	ANALYSIS AND DESIGN OF RETAINING WALL	Ms. Jayashree M.N	Full Paper
4.	ESCE-29	STUDY OF FATIGUE STRENGTH OF CONCRETE USING MANUFACTURED SAND AND FOUNDRY SAND	Ms. Neerajakshi D, Dr.Nirmala D B	Full Paper
5.	ESCE-32	DISCHARGE THROUGH NON-CIRCULAR ORIFICES	Dr.Rajkumar Raikar	Full Paper

SESSION 1C - Auditorium: 01**Date: 27.09.2018****Time: 4.15PM To 5.15PM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-5	STATISTICAL DATA ON USE OF INDUSTRIAL BY-PRODUCTS IN CONCRETE	Dr. Latha M S	Full Paper
2.	ESCE-57	EXPERIMENTAL AND ANALYTICAL STUDY OF GEO POLYMER CONCRETE	Dr. Latha M S	Full Paper
3.	ESCE-67	DUAL REPLACEMENT OF AGGREGATES IN CONCRETE	Dr. Latha M S	Full Paper
4.	ESCE-13	DAMAGE DETECTION IN 3D FRAME USING MODAL STRAIN ENERGY METHOD AND FLEXIBILITY METHOD	Mr. Arun Prem	Full Paper
5.	ESCE-14	STUDY ON SEISMIC PERFORMANCE OF CONVENTIONAL AND MIVAN STRUCTURES	Mr. Nischith	Full Paper

SESSION 1D Auditorium: 02**Date: 27.09.2018****Time: 4.15PM To 5.15PM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-36	A REVIEW OF EFFECT OF FINE CONTENT AND PLASTICITY OF FINES IN CYCLIC BEHAVIOR OF SANDY SOILS	Ms. Mohanapriya	Full Paper
2.	ESCE-41	UNIAXIAL COMPRESSIVE STRENGTH OF JOINTED ROCK MASS	Ms. Ram Priya Bhasker	Full Paper
3.	ESCE-17	INVESTIGATION ON CONCRETE WITH M-SAND AS REPLACEMENT FOR FINE AGGREGATE - AN EXPERIMENTALSS APPROACH	Ms. Dharshan K.	Full Paper
4.	ESCE-21	MORPHOMETRIC ANALYSIS OF WATERSHEDS USING REMOTE SENSING AND GIS TECHNIQUES.	Ms. Sindhu D	Full Paper
5.	ESCE-23	USE OF GEOINFORMATICAL TOOLS FOR FLOOD HAZARD MAPPING, MITIGATION AND DEVELOPMENTAL PROPOSAL ALONG THE BANKS OF KOYANA RIVER NEAR PATAN IN WESTERN MAHARASHTRA	Prof. Thalange Satish B	Full Paper

SESSION 2A- Auditorium: 01**Date: 28.09.2018****Time: 9.30AM To 10.30AM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-34	DEVELOPMENT OF POLYVINYL ALCOHOL FIBER REINFORCED CONCRETE FOR IMPROVED SUSTAINABILITY	Mr. Srinivasa C H	Full Paper
2.	ESCE-55	DYNAMIC ASSESSMENT OF R CC BUILDING CONNECTED WITH AND WITHOUT X-BRACED FRICTION DAMPERS	Ms. Gana G S	Full Paper
3.	ESCE-60	DESIGN OF ENERGY EFFICIENT BUILDING ENVELOPE FOR HOT DRY CLIMATES	Mr. Ravikumar S	Full Paper
4.	ESCE-61	EVALUATION OF BEHAVIOUR OF BASE ISOLATED STRUCTURES	Mr. Dattatreya S B	Full Paper
5.	ESCE-3	DEVELOPMENT OF RANKING MECHANISM FOR GREEN SPACES OF BENGALURU W.R.T. THERMAL COMFORT INDEX	Dr. Rajesh Gopinath	Abstract

SESSION 2B- Auditorium: 02**Date: 28.09.2018****Time: 9.30AM To 10.30AM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-15	IMPROVEMENT TO PEDESTRIAN WALKWAY FACILITIES TO ENHANCE PEDESTRIAN SAFETY FOR SELECTED STRETCH IN BANGALORE CITY	Mr. Nandkishor Ibrampur	Full Paper
2.	ESCE-22	STABILIZATION OF SOIL USING E WASTE	Mrs. Bindiya. K	Full Paper
3.	ESCE-27	I-BLOCKS	Mr. Karthik M , Ms. Varsha S Danavandi	
4.	ESCE-33	PRODUCTION AND INSTALLATION OF PLASTIC GRIDS BY RECYCLED PLASTIC.	Ms. Nagashree G E , Mr. Mallikarjun S Suresh	Full Paper
5.	ESCE-50	METHODOLOGY TO DEVELOP ROAD SAFETY INDEX FOR SELECTED STRETCHES OF RURAL HIGHWAYS	Mr. Shivaraj Huggi, Mr. Arun V	Full Paper

SESSION 2C- Auditorium: 01**Date: 28.09.2018****Time: 2.00PM To 03.00PM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-44	PERFORMANCE OF CONCRETE WITH PLASTIC GRANULES AS A PARTIAL REPLACEMENT OF FINE AGGREGATE	Mr.Sabareshwaran.S	Full Paper
2.	ESCE-46	ESTIMATIMATION OF CROP WATER REQUIREMENT OF ARECANUT PLANTATION AT SHIVAMOGGA CITY	Mrs. Chaya D Y	Full Paper
3.	ESCE-51	APPLICATION OF LEAN MANAGEMENT TECHNIQUES FOR PROJECT PRODUCTIVITY.	Ms. Vaibhava S, Mr. Bhuvan Kumar V S	Full Paper
4.	ESCE-53	PERFORMANCE ANALYSIS OF DIAGRID STEEL	Ms. Alice Priya A	Full Paper
5.	ESCE-62	EXPERIMENTAL STUDY ON INFLUENCE OF NATURE OF FLUIDS ON DARCY'S FRICTION COEFFICIENT	Ms. Kanchana H J	Full Paper

SESSION 2D- Auditorium: 02**Date: 28.09.2018****Time: 2.00PM To 03.00PM**

Sl.No.	Paper ID	Title	Authors	Category
1.	ESCE-63	PARTIAL REPLACEMENT OF BITUMEN BY WASTE PLASTIC RESIDUE IN BITUMINOUS CONCRETE MIX	Mrs. Akshatha M	Full Paper
2.	ESCE-64	SMART HELMET	Mr.Adarsha S R	Full Paper
3.	ESCE -65	APPRAISAL OF ENERGY LEVEL IN THE EXISTING RESIDENTIAL BUILDING AND IMPLEMENTING SUSTAINABLE MEASURES WITHOUT INFLUENCING THE COMFORT CONDITIONS	Mr.Adarsha S R	Full Paper
4.				
5.				