

Track – Civil Engineering

Technical Session-I		
Theme: WRE		
22nd March 2019		1200-1300 hrs
Theme Introduction, Session Chair Introduction & Rules		
(Icete_paper-64)Assessment of aquifer vulnerability of Nizamabad district, Telangana state, India using GIS and drastic method		
1.B.Ramakrishna,2.P. Rajasekhar,3.Shaik Vaheed. 1Assistant Professor, Civil Engineering Department,Rgukt-basar,Telangana, bhukyaramakrishna@gmail.com 2Professor, Civil Engineering Department,Osmaina university,Hyderabad,Telangana, prscivilou@gmail.com, 3Assistant Professor, Civil Engineering Department,Rgukt-basar,Telangana, vaheed.civil@gmail.com		
(ICETE_paper-103)New equations for analytical estimation of spillway flip bucket parameters		
Prasanna S. V. S. N. D. L1 and Suresh Kumar N2 1 Assisatnt Professor, and 2 Professor Department of Civil Engineering College of Engineering (A), Osmania University Hyderabad – 500 007, Telangana State, India Email: nskdr@yahoo.co.in		
(ICETE_paper-155)Necessity of new look for equitable water sharing among basin States - Krishna Basin.		
1)S. Narasimha Rao , 2) K. Venkata Narayana, 3) N. Ravishankar <i>Inter State & Water Resources, I&CAD Dept, Govt. of Telangana.</i>		
(ICETE_paper-169)Hydrologic Modeling with Transfer Function Based Approach: A Comparative Study over Godavari River Basin		
Chaitanya Lakeshri1 , Kaustubh Salvi1+ 1Department of Civil Engineering Department, College of Engineering Pune, India +Corresponding author {lakeshricv17.civil, kas.civil@coep.ac.in }		
(ICETE_paper-486)Identification of artificial recharge zones using GIS		
Dr. K. A. Patil1 , Noopur D. Khatik2 and Shriman N. Jirapure 2 1. Professor Civil Engineering, College of Engineering, Pune kap.civil@coep.ac.in 2. Post Graduate Student, College of Engineering, Pune khatiknd17.civil@coep.ac.in , jirapuesn17.civil@coep.ac.in College of Engineering, Wellesley Road, Shivajinagar, Pune, Maharashtra 411005		
(ICETE_paper-562)Assessment of spatial interpolation techniques on groundwater contamination		
G.Shyamala1 , B. Arun Kumar1 , S. Manvitha2 , T. Vinay Raj1 1Department of civil engineering, SREC Warangal 2 Department of civil engineering, KITS Corresponding author : mr.arunbeerala@gmail.com		

Technical Session-II Theme: Structural Engineering		
22nd March 2019		16.00-17.30 hrs
Theme Introduction, Session Chair Introduction & Rules		
(ICETE_paper-38) An alternative material for interlocking prefabricated sandwich panel		
Roman man shrestha, Asian Institute of Technology(AIT) Thailand		
(ICETE_paper-53) Effect of Different Aggregates on Alkali Silica Reaction of Geopolymer Concrete Annapurna.		
D 1 , Ravande Kishore 2 , Anil. K3 1,Civil Engineering Department, University College of Engineering, Osmania University, Hyderabad, Telangana, INDIA 2MIT School of Engineering, MIT-ADT University, Pune, Maharashtra State.		
(ICETE_paper-73) Effect of Baffle Wall Parameters on the Modal Responses of Elevated Rectangular Water Tank		
Meghana Minnekanti 1 , Dr.Mallika Alapati 2 1 PG student, VNR Vignana Jyothi Institute of Engineering and Technology, Dept. of Civil Engineering, Hyderabad, India; minnekantimeghana@gmail.com 2 Professor, VNR Vignana Jyothi Institute of Engineering and Technology, Dept. of Civil Engineering, Hyderabad, India; mallika_a@vnrvjiet.in		
(ICETE_paper-93) Compatibility studies on Super Plasticizer with OPC 53-S Cement		
N. Rama Krishna, Prof A,S Rao,Prof C.Sasidhar 1.Research scholar,jntua.anantapur 2.principal,RSR Engineering college,kavali 3.Director Industrial consultancy services,jntua anantapur		
(ICETE_paper-130) New Light weight mortars for structural applications: assessment of porosity, strength and morphology properties		
Paul Awoyera1 and Ravindran Gobinath2 , Palanisamy Murthi2 , Annabathina Sivakrishna2 1 Department of Civil Engineering, Covenant University, Ota, Nigeria 2 SR Engineering College, Warangal, India		
(ICETE_paper-132) Computing Redistribution Moments of Concrete Members in the Plastic Stage Using Linear Analysis:A Review		
Paul Awoyera1 and Ravindran Gobinath2 , Chinyere Nwankwo1 1 Department of Civil Engineering, Covenant University, Ota, Nigeria 2 SR Engineering College, Warangal, India		
(ICETE_paper-142) Nonlinear Dynamic Analysis :		
A.A.Waghmare,1 , Dr.U.R.Kawade2 , 1 Assistant Prof.,Dept.of Civil Engg.,Dr.Vithalrao Vikhe Patil College of Engg,Ahmednagar, 2 Head of Civil Engg. Dept.,Dr.vithalrao Vikhe Patil College of Engg,Ahmednagar		
(ICETE_paper-151) Estimation of Maximum Magnitude (mmax) considering different seismic zones		
Mohammad Muzzaffar Khan1 , Teja Munaga1 and Gonavaram Kalyan Kumar1 , 1 Department of Civil Engineering, National Institute of Technology Warangal, India Email: mdkhan27@gmail.com		
(ICETE_paper-299) Strength Investigation of Fly ash Based Concrete Waste Steel Fibre and Polypropylene Fibre as Reinforcing Materials		
G. Swamy Yadav1,2, N. Prabhanjan1 , G. Sahithi1 , G. Sangeetha1 , A. Srinivas1 , A. Siva Krishna1,2 1Department of Civil Engineering 1SR Engineering College Warangal 2Center for Construction Methods and Materials		
(ICETE_paper-366) Application of statistics to the analysis of corrosion data for rebar in metakaolin concrete		
U.Raghu Babu1*, B.Kondraivendhan2 1,2Applied Mechanics Department, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat 395007, India ammaraghubabu@gmail.com kondraivendhan78@gmail.com		

(ICETE_paper-372) Earthquake Analysis of High-Rise Building with Floating Column

Mohasinkhan N Bargir¹ , Ajim G Mujawar^{2*} , ¹ Research Scholar, Department of Civil Engineering, Ashta, 416301, India
nihal8885@gmail.com { ^{2*}Ajim Mujawar, Assistant Professor , Department of Civil Engineering, Annasaheb Dange
College of Engineering and Technology, Ashta, 416301, India }

(ICETE_paper-385) A review on the recent development of Ambient cured Geopolymer Composites

Mayank Gupta¹ , N.H. Kulkarni² Shri Guru Gobind Singhji (SGGS) Institute of Engineering and Technology, Vishnupuri,
Nanded (Maharashtra) Pin: 431 606 [India] ¹ mayank40gupta@gmail.com ² nhkulkarni@sggs.ac.in

Technical Session-III
Theme: Structural Engineering

23rd March 2019
hrs

11.30-13.00

Theme Introduction, Session Chair Introduction & Rules

(ICETE_paper-387) Comparative Study on the Behavior of RCC, Steel and Composite Structures for Different Story Heights.

Abhishek A Patil¹ , Subodh S Patil^{2*} , ¹ Research Scholar, Civil Structural Engineering, Ashta, 416301, India.
abhishepatil928@gmail.com { ^{2*}Subodh S Patil, Assistant Professor, Department of Civil Engineering, Annasaheb
Dange College of Engineering and Technology, Ashta, 416301, India }

(ICETE_paper-388) A Case Study On Structural Assessment Of Dudhgaon Grampanchayat Building By Using Non Destructive Testing

Rohit kukade¹ , Santosh Mohite^{2*} , ¹ Research Scholar, Civil Structural Engineering, Ashta 416301, India.
Kukaderohit@gmail.com { ^{2*}Santosh Mohite, Assistant Professor, Department of Civil Engineering, Annasaheb Dange
College Of Engineering and Technology, Ashta, 416301, India }

(ICETE_paper-402) A study of comparison of RCC single hopper bottom silos under seismic loading

Amit S Jadhav¹ , Subhodh S Patil^{2*} , ¹ Research Scholar, Department of Civil Engineering, Annasaheb Dange College
of Engineering and Technology, Ashta, 416301, India amitjadhav7954@gmail.com { ^{2*} Subhodh Patil, Assistant
Professor, Department of Civil Engineering, Annasaheb Dange College of Engineering and Technology, Ashta, 416301,
India }

(ICETE_paper-407) Engineered Cementitious Composites

Yogesh Biyani Civil Engineering Department Shri Guru Gobind Singhji Institute of Engineering & Technology Nanded,
Maharashtra. 2017mse014@sggs.ac.in

(ICETE_paper-433) Influence of Metakaolin on Stone Waste Aggregate Concrete Sakevalla Vinay Babu

<p>1 U.Raghu Babu^{2*} N.Venkata Ramana³ and P.Pavithra¹ 1 Department of Civil Engineering, G. Pullaiah college of Engineering & Technology, Kurnool, Andhra Pradesh 518002,India 2 Applied Mechanics Department, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat 395007, India. 3Construction Technology Department,Visveswaraya Technological University,center of PG studies, Kalaburagi, Karnataka 585105, India. 1vinaysake@gmail.com, pavithra137.civil@gmail.com 2ammaraghubabu@gmail.com 3rccramana@gmail.com</p>
<p>(ICETE_paper-448) Behaviour of Transmission Line Tower using Hot-Rolled Sections Nikita K. Estalkar Department of Applied Mechanics Walchand college of Engineering, Sangli, Maharashtra, India Email- istalkar.nikita@gmail.com Dr. S. B. Kadam Department of Applied Mechanics Walchand college of Engineering, Sangli, Maharashtra, India Email- sachin.kadam@walchandsangli.ac.in</p>
<p>(ICETE_paper-455) Rapid hardening on the strength gain admixture on behavior of concrete with replacement of binary cementitious materials R. Kiranmai, A. Rohita Susheela, S. Rajkumar, & G. Asheesh Under Graduate Students, Dept. of Civil Engg, CMR Technical Campus, Medchal V.M. Sounthara Rajan Professor, Dept. of Civil Engg, CMR Technical Campus, Medchal Email: researchsoundar@yahoo.in</p>
<p>(ICETE_paper-513) Static Analysis Of Functionally Graded Carbon NanoTube Reinforced Composite (CNTRC) Plate Using ABAQUS Software. Dhanraj R Patil¹ , Ajim G Mujawar^{2*} , ¹Research Scholar, Department of Civil Engineering, Ashta,416301, India Patildhanraj633@gmail.com { ^{2*}Ajim Mujawar,Assistant Professor , Department of Civil Engineering, Annasaheb Dange College of Engineering and Technology, Ashta,416301,India }</p>
<p>(ICETE_paper-521) Review paper on Study of Behavior of High-Rise Buildings With Diagrid Systems. Mangesh S Vhanmane¹ , Maheshkumar M Bhanuse^{2*} , ¹ Research Scholar, Department of Civil Engineering, Ashta, 416301, India mangeshvhanmane92@gmail.com { ^{2*}Maheshkumar M Bhanuse, Assistant Professor , Department of Civil Engineering, Annasaheb Dange College of Engineering and Technology, Ashta, 416301, India }</p>
<p>(ICETE_paper-547) Numerical Evaluation of Strong Column Weak Beam Clause of IS 13920:2016 Sushil Machhindra Naikodi Dept. of Civil Engg. Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded-431606 (M.S.) India naikodisushil@gmail.com</p>
<p>(ICETE_paper-559) Seismic analysis and design of mass and stiffness irregular R.C. building frames with different code Nishant C Chandanshive¹, Santosh S Mohite^{2*}, ¹ Research Scholar, Department of Civil Engineering, Ashta, 416301, India nchandanshive13@gmail.com {^{2*}Santosh S Mohite,Professor ,Head of Department of Civil Engineering, Annasaheb Dange College of Engineering and Technology, Ashta, 416301, India }</p>
<p>(ICETE_paper-604) Sustainability Concepts in the Design of Tall Structures Prashant Sunagar¹ , Dr. Aravind Bhashyam² , Neel BR³ , Abhishek Kumar Chaurasiya⁴ ^{1,3,4} Research Scholar Department of Civil Engineering, Ramaiah Institute of Technology, Bengaluru, Karnataka, India ²Department of Civil Engineering, Christ University, Bengaluru, Karnataka, India</p>

Technical Session-IV

Theme: Geotechnical Engineering & Transportation Engineering

23rd March 2019

16.00-17.30 hrs

Theme Introduction, Session Chair Introduction & Rules

(ICETE_paper-77) Bearing capacity of strip footing on reinforced foundation beds with inclined reinforcement

Rajashekar Reddy P 2,1 , Narasimha Reddy G V2,2 , Saibaba Reddy E2,1 1 Doctoral student, JNTUHCEH ,
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(ICETE_paper-111) Ground Improvement using Band Drains at On-shore Gas Terminal near Kakinada (AP), India 1.

- 1)D.Babu Rao, Geo Technologies
- 2)D. Nageshwar rao, DDIL

(ICETE_paper-144) Evaluation of Coir Geotextile Mats to Enhance the Poor Subgrade under Repeated Load for Low-Volume Roads

D. Harinder1, *, and S. Shankar2

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(ICETE_paper-173) Study on Interaction of Reinforcing Strips Embedded in Cement Modified Marginal Backfill

Pandu Kurrel , K. Vineeth Reddy2 and M. Heeralal3

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2 M.Tech Student, Department of Civil Engineering, NIT Warangal

3 Associate Professors, Department of Civil Engineering, NIT Warangal

(ICETE_paper-177) Experimental Study on Interfacial Frictional Properties of Geogrid Reinforced Pond Ash

Mogili Sudhakar1,1 , M Heeralal 1 , G Kalyan Kumar 1 Pandu Kurre 2

1 Department of Civil Engineering, National Institute of Technology Warangal, Telangana-506004, India.

2Assistant Professor, Department of Civil Engineering, Sri Indu Institute of Engineering and Technology, Hyderabad.
{Mogili.Sudhakar, M.Heeralal, G.Kalyan.Kumar, Pandu Kurre sudhakarmogili147@gmail.com}

(ICETE_paper-205) Effect of Eccentric Load on Footing Resting on Planar Geosynthetic Reinforcement

Pandu Kurrel , M. Heeralal2

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2 Associate Professors, Department of Civil Engineering, NIT Warangal

(ICETE_paper-182) Resilient Modulus of Unsaturated Soil – A Comprehensive Review

G. Sharanya¹, M. Heera Lal¹, Pandu Kurre² ¹ Department of Civil Engineering, Natioanl Institute of Technology, Warangal ² Department of Civil Engineerin, Sri Indu Institute of Engineering and Technology, Hyderabad Email: sarenianalli@gmail.com, mhl@nitw.ac.in, pandu.ouce@gmail.com

(ICETE_paper-483) Evaluation of Pullout Resistance of Reinforcing Strips Embedded in Cement Modified Marginal Backfill of Mechanically Stabilized Earth (MSE) Walls

Pandu Kurre¹ and Gannavaram Venkat Praveen² ¹Assistant Professor in Civil Engineering Sri Indu Institute of Engineering and Technology, Hyderabad ²Professor in Civil Engineering S. R. Engineering College, Warangal praveensrec@yahoo.co.in

(ICETE_paper-106) Precise Survey Assistance for Civil Structures using Survey Assist

K. Surya Prakash¹, Kone Srimannarayana², Pradeep kumar Kaatnam³, and Abhinav Dayal⁴ ^{1, 2, 3, 4}Vishnu Institute of Technology, Bhimavaram, India suryakadaliprakash@gmail.com, sriharikone@gmail.com, pradeep.kaatnam@gmail.com, abhinav.dayal@vishnu.edu.in

(ICETE_paper-50) An Empirical based Porous Flow Approach to Modelling Heterogeneous Traffic

Seelam Srikanth Assistant professor, Mallareddy engineering college, Main campus, Telangana, PIN:500100 Email: ssseelamsrikanth@gmail.com

(ICETE_paper-162)A Comparative Study on the Performance of ANN, MLR and MNR in the Assessment of Slope Stability for Kalla - Coonoor Hill Road Stretch of Nilgiris

Balendra Mouli Marrapu^{*1} and Ravi Sankar Jakka²

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