

Uka Tarsadia University
Chhotubhai Gopalbhai Patel Institute of Technology,
Civil Engineering Department
A Technical Paper Presentation on

“Recent Trends in Structural Engineering (RTSE-18)”

Civil Engineering Department organized A Technical Paper Presentation on “Recent Trends on Structural Engineering (RTSE-18)” for M.Tech Structural engineering students. **Assistant Professor Aditya Bhatt** and **Assistant Professor Grishma Thaker** were the **organizing secretary** of the entire event. **Assistant Prof. Anuj Chandiwala** was the **Technical Session Chair**. Total 29 papers were presented by the students. The Venue of the event was Room no- C-205 of SMRICA department. Students of 1st year M.Tech (structural engineering) were effectively participated in that presentation. All the papers were published in **UGC approved journal “International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)”**. The entire event schedule was as follow:

SCHEDULE

Tea and Breakfast		8:45 am to 9:00 am
Inauguration		9:00 am to 9:10 am
Paper Presentation start from		9:10 am onwards
Group Photo		9:11 am
Sr. No.	Author name	Title of paper
1	Kajol S. Mevawala	Aerodynamic modification and shape optimization on high-rise building to wind-induced load
2	Yash K. Mehta	Comparative study of typical R.C. building using IS- 1893:2002 and IS – 1893:2016
3	Sahil s. jogani	Review On: Soil Raft Foundation Structure Intersection on Seismic Performance of Multistory RC Shear Wall Building.
4	Anisha C chauhan	Comparative study of bridge super structure with reference to IRC and AASHTO standards
5	Ashika S Patel	A review on dynamic behavior of RC structure with load Transfer plate
6	Milankumar G savaliya	Review On: Seismic Soil-Structure Interaction of Pile Raft Foundation in Multi-Story MRF Building
7	Dhruvit H. Chevli	Comparative study of RC and composite Column under seismic load
8	Dhvanikumari M. kantharia	Comparative Study of Building Design as per IS-16700:2017 and IS-1893:2016
9	Vatsal B. Patel	A review on comparative performance of seismic design of tall structure using is and euro codes
10	Uplax B. kyada	A review on optimization of concrete using packing density theory
11	Manishkumar Z. chauhan	Dynamic analysis of industrial steel structure by using bracings and dampers under wind load and earthquake load.
12	Vibhendu V. Kanthariya	Development of fragility curves for performance evaluation of RC Moment resisting frames.
13	Ankita M. Rudani	Seismic effect of soft story at different level in various configuration of tall building: A review

14	Shital P. Kakadiya	Seismic response of building having irregularities under uni-directional & bi- directional forces: A review
Break 45 minutes		
15	Kinjalben P. Patel	Review on Optimization of structural Developments for High rise- steel buildings: The case of diagrid.
16	Maitik S. Vadadoriya	Seismic analysis for steel beam to column joint connection
17	Akash k. Galani	Comparative analysis and design of flat slab using Various codes
18	Khyatikumari B. Patel	A review on performance evaluation of RC moment resisting Asymmetric frame designed using incremental dynamic analysis.
19	Jigar H. Nakarani	Review paper on behavior of diagrid structural system for high rise building
20	Virambhai R. Dholia	Effectiveness of steel plate shear wall for multi storey building
21	Kapilkumar V. Viradiya	Time history analysis of eccentrically braced frames and buckling-restrained braced frames: a comparative study
22	Jigar J. Ganvit	Development of cement based epoxy resin used as Anticorrosive reinforcement coating
23	Krushal Koshiya	A review on compressive and tensile strength of recycle concrete aggregate
24	Rajan V. Baldha	Experimental study on partial replacement of coarse aggregate by coconut shell: A review
25	Sunit A. Dhameliya	Review on bond strength & durability of recycled concrete aggregate
26	Neel A. Gajera	An Experimental Study on Rubberized Concrete: A review
27	Yash D. Photographer	A review on strength assessment of green concrete using Different admixtures
28	Mehul R. Patel	An exploratory study on enhancing stability of black cotton soil by bio-enzyme: Renolith for subgrade and foundation
29	Imdadhusain M. Momin	Dynamic analysis of vertically irregular RCC building
Certificate Distribution & Valedictory Function		

It was a nice session conducted by all the presenter. At the end of the each paper presentation healthy questionnaires was raised by the students, audience and session chair. At the end of the entire session concluding remark given by **Prof. Anuj Chandiwala**.



Event Inauguration at D-101



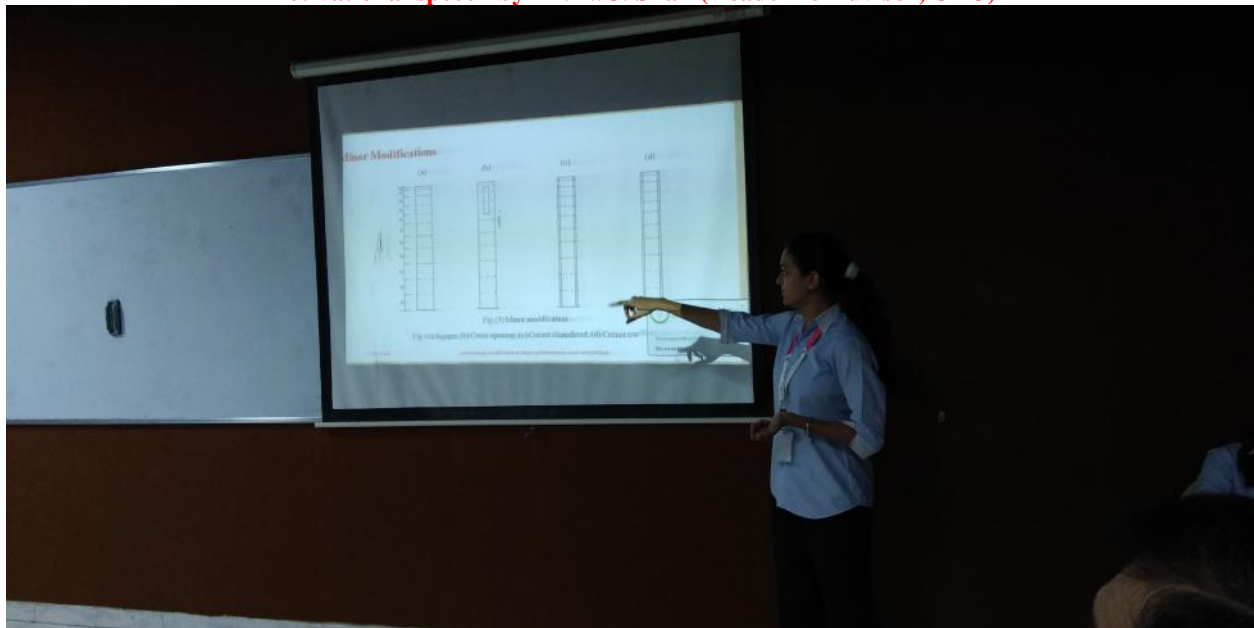
Inauguration Speech by Dr. Chinmay Desai



Group Photo



Motivational speech by Dr. N.C. Shah (Academic Advisor, UTU)



Paper Presentation