



Department of Civil Engineering

Following ME (Civil) Structural engineering students have completed their dissertations in the Academic year 2024 -25

AY 2024-25				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
01	Akash Telang	Dr. Waghmare M V	High Performance of Concrete using Microfine	27 December 2024
02	Akash S. Bharaskar	Dr. Waghmare M V	Experimental Investigation on Flexural Behaviour of Concrete Beam by using Aramid Fiber Sheet	27 December 2024
03	Ritu raj	Dr. Waghmare M V	Investigating effect of fluid density on Seismic response of steel storage tank	27 December 2024
04	Jachak Mayuresh Sukdeo	S. A. Chavan	Performance assessment of mid rise diagrid structure for lateral loads	9 June 2025
05	Metha Neel Sanjay	Dr. P. R. Satarkar	Crack classification and segmentation in rc beams using convolutional neural networks and transfer Learning	7 June 2025
06	More Vishvas Babasaheb	Dr. S. S. Bhuinyan	Experimental investigation on mechanical properties	7 June 2025

			and chemical effects of sisal fiber-reinforced concrete	
07	Pise Maheshwari Santosh	Dr. D. V. Wadkar	Enhancing seismic elasticity of fixed-base structure using hybrid U-Shape steel damper as an isolator	11 June 2025
09	Rahekwai Mohan Kishorsinh	Dr. P.B. Nangare	Optimal energy based seismic design of inelastic tuned mass damper	9 June 2025
10	Salunkhe Ruchita Ravindra	Dr. M. V. Waghmare	Experimental Investigation on the GFRP Bar Reinforced Columns	7 June 2025
11	Siddhesh Sambhaji More	Dr. U. R. Awari	Investigation of thermal properties of concrete using phase change material	7 June 2025
12	Mabrur Ahmed	Dr. M. V. Waghmare	Performance-based seismic analysis of mid-rise buildings in Northeast India	7 June 2025

PG Coordinator

Head of Department



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Following ME (Civil) Structural engineering students have completed their dissertation in Academic year 2023 -24

AY 2023-24				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
01	Anerao Aniket Ramkrishna	Dr S S Bhuniyan	Effect of Inverted V-Brace system on seismic behavior of G+10 MRF Steel frame located in seismic Zone	13 June 2024
02	Aniket Hemraj Sukare	Dr. Waghmare M V	Optimal Hybrid Outrigger Locations for Tall Structures	15 June 2024
03	Chavane Kalyani Shivaji	Dr. Waghmare M V	Ground Vibration Control of RC Structure using U-Shape Base Isolation System	12 June 2024
04	Dhake Nayan Krishna	Dr. Waghmare M V	Evaluation of Reinforced Concrete Building Equipped with Optimized Magnetorheological Damper	12 June 2024
05	Divekar Sneha Dasharath	Dr S S Bhuniyan	Convolutional Neural Network Based Crack Detection Reinforced Concrete Beam	13 June 2024
06	Khan Mohd Shabaaz Salim	Dr. Waghmare M V and Dr. A. A. Manchalwar	Vibration Control of Elevated Water Tank Staging	12 June 2024

07	Misal Mrunmyee Avinash	Dr. P. B. Nangare and Dr. A. A. Manchalwar	Vibration Control of Structures using inelastic Tuned Mass Damper	12 June 2024
08	Patil Shrirang Nandkishor	Dr. Awari U R and Dr. Waghmare M V	Comparative Analysis of Pre Engineered and Conventional Steel Building	13 June 2024
09	Patil Soham Suryaji	Dr. Waghmare M V	Response of Buckling Restrained Braced Diagrid Structure	13 June 2024
10	Tayade Unmesh Manohar	Dr. G. C. Chikute and P. R. Satarkar	Effect of Vibrations in Design Parameter of RCC Cantilever Retaining Wall	10 June 2024
11	Todkar Darshan Ramchandra	Dr. Awari U R	Wind Analysis of RC Building resting on sloping ground	13 June 2024
12	Gayki Pruthvi Govind	Dr. Parekar S R	Dynamic analysis of rc structure With soil structure interaction	31 May 2024
13	Mukesh Harish Vasaikar	Dr. Waghmare M V	Experimentally Investigation On the Strenght Of RC Column With Varying Corning Radius	31 May 2024
14	Gaurav Salunkhe	Dr. G. C. Chikute and P. R. Satarkar	Dynamic Analysis of Blast Loading on RCC Building	10 June 2024

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Following ME (Civil) Structural engineering students have completed their dissertation in Academic year 2022 -23

AY 2022-23				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
01	Bora Purav Nitinkumar	Dr. U R Awari	To investigate mechanical properties of concrete using Phase Change Material	August 2023
02	Chavan Aniket Bhaskar	Dr. V S Chavhan and Dr. U R Awari	Application of GFRP rebar for concrete structure	August 2023
03	Fulbandhe Jayesh Ganeshrao	Dr. M V Waghmare	An investigation on effect of acrylic-based compound on mechanical properties of plain concrete	August 2023
04	Gaikwad Srushti Jalindar	P R Satarkar	Seismic analysis of five storied building using u-shaped hybrid isolator and lead rubber Bearing Isolator	August 2023
05	Kate Nirmala Ramkisan	Dr S S Bhniyan	Analysis of laminated composite beam using fifth order shear deformation theory	August 2023
06	Khamkar Snehal Madhukar	M S Chiwande & Dr. M V Waghmare	Study of progressive collapse analysis of RCC irregular building	August 2023
07	Khot Sushant Sunil	Dr. M V Waghmare	Seismic analysis of building by considering soil structure interaction	August 2023

08	Nikam Dnyanesh Latesh	Dr. D V Wadkar & Dr. M V Waghmare	Prediction and correlation of static Properties of concrete with maturity method	August 2023
09	Pakhare Neha Bhimrao	Dr. P B Nangare & U J Jadhav	Incremental dynamic analysis of building with weak storey at top as TMD	August 2023
10	Waghchaure Shubham Sanjay	Dr. Waghmare M V	Seismic analysis of high-rise building using negative stiffness device	August 2023
11	Abhinav Gupta	Dr. Awari U R	Effect Of Position of Opening In RCC Beams Subjected to Flexure & Shear	August 2023
12	Wadde Abhishek Somshekhar	Dr. Awari U R	Wind Analysis of RCC Tube in Tube Structure	August 2023
13	Mayur patil	Dr. Parekar S R	Nonlinear analysis of external post- Tensioning anchorage of concrete segmental	August 2023
14	Shweta Patil	Satarkar P R	Behaviour of Beam Column Joint By Utilizing Glass Fibre Reinforced Polymer Bars And Geopolymer Concrete Using Finite Element Analysis	August 2023

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Following ME (Civil) Structural engineering students have completed their dissertation in Academic year 2021-22

AY 2021-22				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
1	Bhile Shubham Sandip	Dr. Awari U R	Effect of Re-Entrant Corner on Seismic Performance of RC Framed Buliding	15 June 2022
2	Chopda Siddhi Sandesh	Dr. Awari U R	Investigation on Performance Enhancement of Concrete By Graphene As An Additive	14 June 2022
3	Deore Jitesh Vijay	Satarkar P R	Effect of Weak Zones in The Foundation on Structural Safety of Dam	14 June 2022
4	HelkarSnehal Parmeshwar	Dr. Waghmare M V	Optimisation of Rectangular Bridge Pier By Varying Corner Radius .	14 June 2022
5	Jadhav Sarvesh Narendra	Dr. Waghmare M V	Optimization of Cross Section of Square Short Column By Using Ferrocement	14 June 2022
6	Jadhav Snehal Ajay	Dr. Awari U R	Experimental Investigation of Concrete Pavement Using Polypropylene Fibre Reinforced Concrete	14 June 2022
7	Kanchan Dinesh Vajanam	Dr. Waghmare M V	Experimental Investigation of Fracture Energy of Fiber Reinforced Concrete.	14 June 2022
8	Karmare Darpan Namdev	Dr. Waghmare M V	Experimental Analysis of a Composite Slab Using Crumb Rubber and Steel Sheets	14 June 2022
9	Mane Abhijeet Shankar	Dr. Waghmare M V	Effect of Post Tensioning on Long Span Precast Beam.	14 June 2022
10	Patil Prajakta Suresh	Dr. Waghmare M V	Analysis of Seismic Behavior of Retaining Wall Including Soil Structure Interaction	14 June 2022

11	Patil Pratiksha Suresh	Satarkar P R	Analysis of Outrigger Belt Truss System For High Rise Building Under Seismic Loading	14 June 2022
12	Pawar Utkarsh Sujit	Bhuinyan S S	Rehabilitation of Beams By Using Fiber Reinforced Polymer	14 June 2022
13	Prasad Nihal Rajesh	Bhuinyan S S	Thermal Analysis of Mass Concrete of Gravity Dam Using Finite Element Method	14 June 2022
14	Shaikh FaizAhemad Mohmad	Dr. Awari U R	Effect of Seepage on Structural Safety Of Concrete Gravity Dam.	14 June 2022
15	Thore Sandesh Devidas	Bhuinyan S S	Analysis and Design of Multistorey Steel Structure With Semi-Rigid Connection.	14 June 2022
16	Utkarsha Ramesh Dhenge	Dr. Awari U R	Analysis and Design of Foot Over Bridge Using Cold Formed Light Gauge Steel	14 June 2022
17	Prahi Narvekar (2013C)	Dr. M V Waghmare	Effect of Cracked Sectional Properties on Tall Structures with Torsional Irregularity	15 June 2022

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Following ME (Civil) Structural engineering students have completed their dissertation in Academic year 2020 -21

AY 2020-21				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
01	Amrutkar Sonali Bhalchandra	Waghmare M V	Seismic and wind analysis of air traffic control tower	31 August 2021
02	Diwase Sheetal Yashwant	Waghmare M V	Analysis of Offshore Jacket Structure with Tuned Liquid damper	28 August 2021
03	GhuleAnagh Suresh	Dr. Awari U R	Earthquake resistant system for vertically irregular R C high-rise building	27 August 2021
03	Gundecha Shreyas Sudhir	Waghmare M V	Experimental investigation of ECC with addition of fibers	27 August 2021
04	Joshi Bhavin Kishor	Waghmare M V	Recycled crumb rubber in enhancing damping properties of concrete	27 August 2021
05	Shaikh Muzammil Atif	Dr. Awari U R	Progressive Collapse analysis of High-rise RC Structure	27August 2021
06	Shikalgar Junaid Naushad	Waghmare M V	Improving the efficiency of aerodynamic building using TMD	27 August 2021
07	Ajit Mahadik (2013 Course)	Awari U R	Experimental Investigation of Marble Powder in Compressive Strength of Concrete	31August 2021
08	Shubham Shukla	Waghmare M V	Strengthening Of RC Column Using GFRP	28 December 2021
09	Deshpande Aniket	Dr. Awari U R	Experimental Investigation Of Externally Bonded RC Beams Using Banana Fiber Reinforced Polymer	28 December 2021
10	Shantanu Kulkarni	Waghmare M V	Effectiveness Of Lateral Load Resisting Systems For Open Ground+20 Storied RC Framed Structure	28 December 2021

11	Siddharth Bhavsar	Dr. Awari U R	Strengthening Of RC Column Using GFRP Under Seawater Conditions	28 December 2021
12	Piyush Shimpi	Dr. Awari U R	Influence Of Nano Silica And Rice Husk Ash On Properties Of Concrete	28 December 2021
13	Phuge Rushikesh	Dr. Awari U R	Effect Of Partial Replacement Of River Sand By GBS Sand And Crushed Sand.	28 December 2021

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Following ME (Civil) Structural engineering students have completed their dissertation in Academic year 2019 -20

AY 20219-20				
Sr. No.	Name of the Student	Name of the guide	Title of the dissertation	Date of Oral examination
01	Krishna S. Brahma	Waghmare M V	Development of an economical single degree freedom shake table for seismic analysis of structures	August 2020
02	Sayali Sanjay Shete	Waghmare M V	Nonlinear and damage index analysis of RC structures under multiple earthquakes in various zone	December 2020
03	Akshay Suresh Pankar	Dr. Awari U R	Suitability of different base isolation systems according to different length to width ratio of high rise buildings	December 2020
03	Waje Devendra Nanasaheb	Dr. Parekar S R	Strengthening technique for deep beam with large openings using steel plates	December 2020
04	Pratibha Balkrishna Patil	Dr. Awari U R	Experimental investigation of flexural strength of laminated beam using different exposure condition	December 2020
05	Shubham Shridhar Kale	Dr. Awari U R	Experimental investigation on bamboo reinforced slab to determine its flexural characteristics	December 2020
06	Roshni Sunil Khivsara	Waghmare M V	Effects of corrosion on RC beams	December 2020
07	Snehal Rajendra Magare	Waghmare M V	Effectiveness of composite deck girders over RCC girder	December 2020
08	Kale Shubham	Dr. Awari U R	Seismic Response of Multistory Steel Frame With BRB System using Soil Structure Interaction	December 2020

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