

**Department of Civil Engineering**

**List of Final Year Project**

Academic Year	Group No.	Name of Student	Name of Guide/Mentor	Project Title	Sponsored / Non-sponsored
2018-19	A	Sonawane Chetankumar Hiralal	Prof. K. K. TOLANI	Reactive powder concrete	Non-sponsored
		Shinde Nikita Jayram			
		Rayte Swapnil Jitendra			
		Gaikwad Vaibhav Gopal			
2018-19	B	Gunjal Digvijay Shivaji	Prof. R. M. JADHAV	Analysis of soft storey at intermediate level in a high rise building	Non-sponsored
		Shaikh Shahejad Rahim			
		Pawar Shubham Ashok			
		Jagtap Shubham Sham			
2018-19	C	Chaudhari Sagar Ganpat	Prof. R. M. JADHAV	Application of QGIS in civil engineering	Non-sponsored
		Kewatkar Gaurav Sanjay			
		Medge Roshan Sampat			
		Salve Mayuri Balkrishna			
2018-19	D	Bhavale Ganesh Shivaji	Prof. R. M. JADHAV	Piezo Electric Road	Non-sponsored
		Wakchaure Rushikesh Vishwas			
		Nikam Roshan Ramesh			
		Lahare Jayesh Raghunath			
2018-19	E	Badgujar Shubham Rajendra	Prof. P. T. KUMAWAT	Black Cotton Soil stabilization by using Bagasse ash & Coir fiber	Non-sponsored
		Baviskar Aishwarya Gopichand			
		Rajput Neha Devidas			
2018-19	F	Pawar Stephan Wilson	Prof. P. T. KUMAWAT	Black Cotton Soil stabilization by using Bottom ash & metacolline	Non-sponsored
		Deore Ruchika Nimbaji			
		Nemade Sarika Bhagawan			
		Vibhute Yaminee Janardan			
2018-19	G	Deore Prachi Ravindra	Prof. P. T. KUMAWAT	Soil stabilization by using Additive	Non-sponsored
		Bachhav Priyanka Rajesh			
		Gavali Gaurav Suryakant			
		Gaikwad Samadhan Dnyaneshwar			
2018-19	H	Ostwal Bhagyashree Udaykumar	Prof. I. J. BATHE	GIS + RS - Digitization of land	Non-sponsored
		Deshmukh Vivek Dilip			
		Deore Nikhil Dadaji			
		Vasave Deepal Daniel			
2018-19	I	Chavan Kirtan Chhaganbhai	Prof. I. J. BATHE	Flood marking profile by HECRS	Non-sponsored
		Kashyani Prakash Ramesh			
		Shaikh Asif Maulaali			
		Targe Aishwarya Ravindra			



2018-19	U	Sonawane Rahul	Prof. SHAILESH J. PAGAR	Wind power potential of SKH	Non- sponsored
		Borse Rutuja Deepak			
		Chaudhari Poonam Dilip			
2018-19	V	Thorat Mahesh Rajendra	Prof. B. A. BHANDARKAR	Design of water treatment plant	Non- sponsored
		Nikumbh Nikhil Anil			
		Pawar Prashant Narayan			
		Bhosale Milind Ashok			
2018-19	W	Patil Durgesh Sunil	Prof. B. A. BHANDARKAR	Road construction by using waste tyre and plastic	Non- sponsored
		Pawar Rohit Bhimrao			
		Sonawane Sumedh Ravindra			
2018-19	X	Pangre Nita Ratan	Prof. B. A. BHANDARKAR	Magnification of water	Non- sponsored
		Patil Karishma Anil			
		Valvi Prajakta Bharatsing			
		Mahajan Latika Prakash			
2018-19	Y	Sali Kishori Ashok	Prof. SACHIN U. PAGAR	SOFTWARE ORIENTED BUILDING DESIGN USING E-TAB	Non- sponsored
		Matale Pallavi Sudam			
		Jadhav Damayanti Sudam			
		Ingale Mayuri Rajendra			
2018-19	Z	Khairnar Dhiraj Jibhau	Prof. SACHIN U. PAGAR	Water resource management using automated Irrigation System	Non- sponsored
		Khairnar Abhirath Nimba			
		Mahajan Monika Ravindra			
		Kulthe Mahendra Ganesh			
2018-19	AA	Thavil Rahul Govind	Prof. SACHIN U. PAGAR	Interlinking of Rivers/Rural development	Non- sponsored
		Pagare Akshay Rajendra			
		Koli Mayur Chandrakant			
		Tupsamundre Karan Prakash			
2018-19	AB	Chitte Akshayanna	Prof. S. V. SANGALE	To study the effect of bio-filter for the treatment of waste water	Non- sponsored
		Pawar Swapnil Bapu			
		Shaikh Danish Zaffar			
		Ahire Sunil Keval			
2018-19	AC	Barke Anjali Damodar	Prof. S. V. SANGALE	Water supply scheme for village	Non- sponsored
		Wankhede Mangesh Devidas			
		Bodke Rajendra Gangaram			
		Chauhan Sandeep Vikramaditya			
2018-19	AD	Chavan Suraj Tukaram	Prof. T. R. SHINDE	Watershed management	Non- sponsored
		Rane Pranjali Umakant			
		Bhagure Shubham Ramesh			
2018-19	AE	Wadhawe Shubham Sunil	Prof. T. R. SHINDE	Progressive collapse of circular building on slopping ground	Non- sponsored
		Targe Mahesh Babasaheb			
		More Rushikesh Balasaheb			
		Ugale Akash Gangadhar			

2018-19	AF	Mate Deepak Kondaji	Prof. T. R. SHINDE	Eco-friendly Flexible pavement by pet bottles	Non-sponsored
		Meher Atul Dnyandeve			
		Chavan Dhananjay			
		Kate Vishal Bapurao			
2018-19	AG	Kalaskar Viraj Vijay	Prof. C. S. KANKARIA	A case study of pollution in river Godavari	Non-sponsored
		Dhond Akshay Prabhakar			
2018-19	AH	Purkar Saloni	Prof. C. S. KANKARIA	Geo textiles and their application	Non-sponsored
		Pawar Abhishek Kailasnath			
		Dongare Rutvik Ramakant			
		Patil Pranjal Rajendra			
2018-19	AI	Fadol Shivam Santosh	Prof.(Dr.)D. P. Joshi	TREATMENT OF EFFLUENT OF STP FOR DRINKING PURPOSE	Non-sponsored
		Shah Nipun Chandrahas			
		Gaikwad Bharat Sukdeo			
		Deshmukh Vaibhav Vijayrao			
2018-19	AJ	Pawar Snehal Uttam	Prof.(Dr.)D. P. Joshi	Effect of sea water on curing and compressive strength of structural Concrete	Non-sponsored
		Jorwekar Umesh Subhash			
		Minde Ganesh Dhondu			
		Gawali Giridhar Motiram			
2018-19	AK	Chaudhari Kalpesh Eshwar	Prof.(Dr.)D. P. Joshi	Production of biogas from canteen waste	Non-sponsored
		Ghagarmale Kushal Sanjay			
		Pingle Rajendra Dnyaneshwar			
		Hire Amol Kailas			
2018-19	AL	Jadhav Akash Balu	Prof. K. K. TOLANI	Evaluation of seismic forces on building with or without floating column	Non-sponsored
		Jadhav Chetan Sanjayrao			
		Pingale Darshan Mohan			
		Jariwal Rishab Ramesh			
2018-19	AM	Bhamare Pallavi Keshav	Prof. K. K. TOLANI	Seismic Behavior of RC Beam Column Joint Under Cyclic Loading	Non-sponsored
		Joshi Sanket Milind			
		Darade Rohit Ashok			
		Saraf Prathamesh Sunil			
2018-19	AN	Kanade Harshal Rajendra	Prof. B. V. TATAR	Energy Management and planning in residential structure through sustainable approach	Non-sponsored
		Kangane Ishwar Krishna			
		Gavali Jyoti Pandit			
		Kashiyani Praksh Rameshbhai			
2018-19	AO	Sonawane Swapnil Ashok	Prof. B. V. TATAR	Analysis of various construction method in constrain of time frame, money and quality	Non-sponsored
		Khade Dnyandeo Ramdas			
		Raundal Shubham Vishwanath			
		Khairnar Rohit Ramkrishna			
2018-19	AP	Chandole Gaurav Rambhau	Prof. B. V. TATAR	Freeze & thow effect on soil cycle	Non-sponsored
		Koli Darshana Ramchandra			
		Kombade Amol Vishnu			
		Kondhare Prashant Bhaskar			

2018-19	AQ	Deore Rohit Bapu	Prof. S. A. TUPAT	Application of RS and Gis software in planning of Smart Cities	Non-sponsored
		Patil Girish Sanjay			
		Kushare Pooja Atmaram			
		Singh Rahul Rampravesh			
2018-19	AR	Patil Anjali Pandurang	Prof. S. A. TUPAT	Critical study of raft foundation on refilled strata	Non-sponsored
		Mahajan Rohit Sanjay			
		Deore Tejaswini Rakesh			
		More Malhar Ravindra			
2018-19	AS	Wadhavane Pravin Nandu	Prof. P. R. GITE	Design and Analysis Sewage Treatment Plant	Non-sponsored
		Nadge Yogeshwar Baburao			
		Nagare Kishor Atmaram			
		Nagare Rahul Deepak			
2018-19	AT	Ahire Lalit Rajendra	Prof. P. R. GITE	ANALYSIS OF EFFECTIVE POSITION OF SHEAR WALL	Non-sponsored
		Ahire Mohit Popat			
		Nigal Sunny Sunil			
		Nikam Kajal Nandlal			
2018-19	AU	Nikam Kanchan Ratnakar	Prof. S. P. PAWAR	Influence of cracks in reinforcement concrete	Non-sponsored
		Chaudhari Karishma Popat			
		Thakare Shubham Suresh			
		Zunjarkar Akshay Arun			
2018-19	AV	Pagar Roshan Ashok	Prof. S. B. MAHAJAN	Analysis of structure using E-Tab	Non-sponsored
		Pagare Bhushan Bhaskar			
		Shirsath Deepali Sitaram			
		Dhumal Roshni Rajesh			
2018-19	AX	Pathak Aniket Ravindra	Prof. ASHWINI MALI	Controlling Ground water contamination	Non-sponsored
		Patil Kuldeep Kailas			
		Biraris Bhupesh Nandkumar			
2019-20	A	Tushar Girish Daund	Prof.(Dr.)D. P. Joshi	STUDY OF ECOFRIENDLY CONCRETE USING ARTIFICIAL SAND	Non-sponsored
		Raundal Shubham Vishwanath			
		Shete Shubham Balasaheb			
		Suryawanshi Rahul Hiranman			
2019-20	B	Gavali Deepak Dasharath	Prof.(Dr.)D. P. Joshi	PERVIOUS CONCRETE AS SUSTANABLE PAVEMENT MATERIAL	Non-sponsored
		Tambat Ankeel Vijay			
		Ghagarmale Kushal Sanjay			
		Pagare Bhushan Bhaskar			
2019-20	C	Deore Tejaswini Rakesh	Prof.(Dr.)D. P. Joshi	SEISMIC BEARING CAPACITY OF FOUNDATIONS AND SEISMIC EARTH PRESSURES	Non-sponsored
		Dhivare Nikita Nanaji			
		Dhumal Roshni Rajesh			
		Koli Darshana Ramchandra			
2019-20	D	Tikande Abhimanyu Ramdas	Prof.K.K.Tolani	EFFECT OF USE OF RECYCLED AGGREGATE IN CONCRETE	Non-sponsored
		Kulkarni Amol Laxman			
		Hole Prasad Ramesh			
		Dhatrak Pratik Satish			

2019-20	E	Patil Swapnil Chunilal	Prof.K.K.Tolani	GIS IN SURVEYING	Non-sponsored
		Biraris Shubham Shirish			
		Bhamare Abhishek Balwant			
		Chaudhari Kalpesh Eshwar			
2019-20	F	Joshi Sanket Milind	Prof.K.K.Tolani	PROJECT ON STRUCTURES	Non-sponsored
		Kondhare Prashant Bhaskar			
		Biraris Bhupesh Nandkumar			
		Kuldeep Kailas Patil			
2019-20	G	Tidke Mahesh Kailas	Prof. R. M. Jadhav	EFFECT OF STRENGTH IN CONCRETING DUE TO DELAYED IN CONCRETING	Non-sponsored
		Patil Harshal Dayanand			
		Bhabad Sarvesh Kundlik			
		Ahire Sagar Shivaji			
2019-20	H	Ransingh Rutuja Ravindra	Prof. R. M. Jadhav	REMOTE SENSING TECHNIQUES	Non-sponsored
		Patil Savi Dhanraj			
		Pawar Priyanka Bakaram			
		Gangurde Pallavi Madhukar			
2019-20	I	Kolate Dnyaneshwari Gopal	Prof. R. M. Jadhav	PROJECT ON REMOTE SENSING	Non-sponsored
		Bhore Shweta Rajesh			
		Fegade Prasad Anil			
		Khairnar Prasad Dagaji			
2019-20	J	Deore Harshali Sanjay	Prof. I. J. Bathe	SOIL INVESTIGATION FOR WATER MANAGEMENT AND REMOTE SENSING	Non-sponsored
		Borse Dhanshree Sambhaji			
		Patil Jagruti Abhimanyu			
		Patil Shivdeep Prakash			
2019-20	K	Shubham Jitendra Parakh	Prof. I. J. Bathe	SOIL AND FOUNDATION	Non-sponsored
		Thete Kiran Bhausaheb			
		Shubham Arun Bankar			
		Iftsam Taiyab Khan			
2019-20	L	Desai Shrutika Sunil	Prof. I. J. Bathe	SUSTAINIBILITY AND INFRASTRUCTURE IN NASHIK CITY	Non-sponsored
		Patil Vaishnavi Ramesh			
		Jadhav Akash Balu			
		Chovrasiya Rakeshprasad			
2019-20	M	Paner Snehal Harishchandra	Prof. S.U. Pagar	GRAY WATER AND POLLUTANT LOAD FOR RESEDENTIAL BUILDING ECONOMIC ANALYSIS	Non-sponsored
		Paner Pratiksha Sanjay			
		Suryawanshi Roshan Narayan			
		Wagh Sagar Ravindra			
2019-20	N	Sanap Datta Vasant	Prof. S.U. Pagar	CRITICAL STUDY OF RAFT FOUNDATION ON RECLAIMED SOIL	Non-sponsored
		Thorat Shweta Ashok			
		Vaishnav Sarvesh Raju			
		Phad Rushikesh Prakash			



2019-20	Z	Pawar Ganesh Manju	Prof.S.A.Tupat	LIFTING HOUSE IN FLOOD AREA	Non-sponsored
		Pawar Chandraj Dileep			
		Patil Harshal Kiran			
		Patil Amit Digambar			
2019-20	AA	Thinge Ankita Sunil	Prof.S.A.Tupat	INTERLINKING OF RIVERS IN MAHARASHTRA	Non-sponsored
		Pawar Pratibha Vitthal			
		Khairnar Hrishikesh Ujjwal			
		Pawar Pranali Rajendra			
2019-20	AB	Jorwekar Umesh Subhash	Prof.A.U.Mankar	REMOVAL OF SALINITY A CASE STUDY OF VILLAGE JAUR PATODA	Non-sponsored
		Sonawane Swapnil Ashok			
		Patil Girish Sanjay			
		Kanade Harshal Rajendra			
2019-20	AC	Vaswani Ajay Sunilkumar	Prof.A.U.Mankar	U BOOT BATTERN TECHNOLOGY	Non-sponsored
		Niki Rajendra Khot			
		Lilwani Deepesh Subhashkumar			
		Lalit Rajendra Ahire			
2019-20	AD	Deore Prachi Ravindra	Prof.A.U.Mankar	ANALYSING TRAFFIC PATTERN IN OLD PUNE CITY AND FINDING PROBABLE SOLUTION FOR MITIGATION THE CONGESTION PROBLEM	Non-sponsored
		Mahajan Monika Ravindra			
		Avhad Vaibhav Pandharinath			
		Gavali Jyoti Pandit			
2019-20	AE	Saraf Prathamesh Sunil	Prof.P.D.Daware	EXPERIMENTAL STUDY ON HARDEN CONCRETE TO INCREASE ITS STRENGTH BY USING COPPER SLAG	Non-sponsored
		Mahajan Rohit Sanjay			
		Rane Pranjali Umakant			
		Nagare Rahul Deepak			
2019-20	AF	Musale Yogesh Sudam	Prof.P.D.Daware	INVESTIGATION OF MECHANICAL PROPERTIES OF PERVIOUS CONCRETE	Non-sponsored
		Udar Chetan Nivrutti			
		Pawar Vilas Pandurang			
		Zunjarkar Akshay Arun			
2019-20	AG	Vikas Sunil Musale	Prof.P.D.Daware	EXPERIMENTAL STUDY OF MECHANICAL PROPERTIES OF CHOPPED CARBON FIBRE REINFORCED CONCRETE	Non-sponsored
		Ranmale Pranav Mohan			
		Pawar Gunwant Maharu			
		Pawar Nilesh Dilip			
2019-20	AH	Jadhav Gaurav Appa	Prof.K.M.Deore	CRACK WIDTH OF RETARD BONDED PARTIALLY PRE-STRESSED CONCRETE BEAM	Non-sponsored
		Jadhav Sachin Bharat			
2020-21	A	Gowda Vedu Honne	Prof. R. M. Jadhav	-	Non-sponsored
		Khambayat Shalini Ramdas			
		Patel Yogeshkumar Sureshbhai			
		Mudhang Nikhil Laxman			
2020-21	B	Bomble Akshay Prakash	Prof. R. M. Jadhav	-	Non-sponsored
		Deore Neha Sunil			
		Avhad Akshay Sukdeo			
		Avhad Priya Sharad			



2020-21	C	Waswani Harsh Devanand	Prof. R. M. Jadhav	-	Non-sponsored
		Mogal Shravani Avinash			
		Desale Rohan Babu			
		Tatale Sadanand Ramdas			
2020-21	D	Borse Vinit Prashant	Prof.(Dr.)D. P. Joshi	-	Non-sponsored
		Fadol Shivam Santosh			
		Pagare Suyog Gautam			
		Tejale Gaurav Gautam			
2020-21	E	Patil Vishal Ravindra	Prof.(Dr.)D. P. Joshi	-	Non-sponsored
		Wadhavane Pravin Nandu			
		Chavan Akash Pitambar			
		Kumawat Harshad Suresh			
2020-21	F	Yeshi Shreya Madhukar	Prof.(Dr.)D. P. Joshi	-	Non-sponsored
		Desale Jaydeep Sajanrao			
		Kedar Unmesh Hemant			
		Vasava Nehakumari Pradipsinh			
2020-21	G	Gadhe Mahesh Raghunath	Prof.K.K.Tolani	-	Non-sponsored
		Gaikawad Mahesh Nanasaheb			
		Khairnar Kalpesh Balu			
		Jadhav Chetan Sanjayrao			
2020-21	H	Dhivare Shalini Murlidhar	Prof.K.K.Tolani	-	Non-sponsored
		Rasal Rishikesh Deepak			
		Patil Punam Rajendra			
		Ransingh Hrushikesh Ravindra			
2020-21	I	Vasave Manjusha Gambhirsing	Prof.K.K.Tolani	-	Non-sponsored
		Kushare Pooja Atmaram			
		Pawar Mayur Dayaram			
		Shirsath Deepali Sitaram			
2020-21	J	Sapkal Swati Narayan	Prof. I. J. Bathe	-	Non-sponsored
		Tadvi Shaharukh Shabbir			
		Patil Mansi Eknath			
		Aher Mayuri Prabhakar			
2020-21	K	Bhoj Aditya Shivaji	Prof. I. J. Bathe	-	Non-sponsored
		Aglave Virendra Atul			
		Patil Swarajsingh Chandrasingh			
		Chavan Shubham Anil			
2020-21	L	Chaudhari Pavba Kailas	Prof. I. J. Bathe	-	Non-sponsored
		Haswani Vishal Jethanand			
		Warude Divesh Nathu			
		Shiledar Shubham Vilas			

2020-21	M	Ansari Sonu Babuuddin	Prof. S.U. Pagar	-	Non-sponsored
		Gadakh Komal Sanjay			
		Dhokle Vrukshali Sanjay			
		Lokhande Bhayyasaheb Khushal			
2020-21	N	Sabale Sagar Bhausaheb	Prof. S.U. Pagar	-	Non-sponsored
		Wakharkar Angha Rajesh			
		Solunke Rohit Dileep			
		Diwakar Darshana Sharad			
2020-21	O	Salve Rishikesh Mohan	Prof. S.U. Pagar	-	Non-sponsored
		Sanap Krushna Dinkar			
		Sharma Ankit Ranjit			
		Singar Rohit Vikram			
2020-21	P	Ghuge Supriya Bhausaheb	Prof. S.J. Pagar	-	Non-sponsored
		Zahid Hussain Zakir Hussain			
		Suryawanshi Abhijeet Sanjay			
		Sanap Vishakha Somnath			
2020-21	Q	Motirale Vivek Rajendra	Prof. S.J. Pagar	-	Non-sponsored
		Pingle Ashitosh Kiran			
		Chinchole Piyush Dipak			
		Suryawanshi Abhishek Annasaheb			
2020-21	R	Malatkar Vaibhav Yogesh	Prof. S.J. Pagar	-	Non-sponsored
		Patil Nikhil Prakash			
		Patil Tushar Rajendra			
		Ramase Mangesh Balu			
2020-21	S	Rayate Akshay Madhav	Prof.T.R.Shinde	-	Non-sponsored
		Sonar Jayesh Kishor			
		Sali Ganesh Prakash			
2020-21	T	Jadhav Akshay Paraji	Prof.T.R.Shinde	-	Non-sponsored
		Patil Shubham Digambar			
		Patil Prashant Vijay			
		Patil Kunal Sanjay			
2020-21	U	Kolse Mrudung Bharat	Prof.T.R.Shinde	-	Non-sponsored
		Kumavat Yashwant Ravindra			
		Kute Priyanka Dilip			
		Mahajan Kishor Nivrutti			
2020-21	V	Patil Kalyani Sanjay	Prof.S.A.Tupat	-	Non-sponsored
		Patil Poonam Balu			
		Kale Madhuvanti Pralhad			
		Chaudhari Rutuja Shivaji			
2020-21	W	Bhamare Aditya Dhanraj	Prof.S.A.Tupat	-	Non-sponsored
		Mistari Manish Manoj			
		Borse Rajesh Dnyaneshwar			

2020-21	X	Jejurkar Atul Gangadhar	Prof.S.A.Tupat	-	Non-sponsored
		Jorwekar Suhas Dilip			
		Kapse Ishwar Madhav			
		Khedkar Ajay Kisan			
2020-21	Y	Kasode Jayshree Dattu	Prof. A.U.Mankar	-	Non-sponsored
		Chaudhari Vidyagauri Chandar			
		Bhoye Dipali Vitthal			
		Chavhan Shubham Hiralal			
2020-21	Z	Ahire Priyanka Kapur	Prof. A.U.Mankar	-	Non-sponsored
		Kokani Shraddha Dhanji			
		Deshmukh Shraddha Devidas			
		Kothule Shweta Narayan			
2020-21	AA	Borse Purushottam Dilip	Prof. A.U.Mankar	-	Non-sponsored
		Chitte Ganesh Pandharinath			
		Dhanad Dipak Rohidas			
		Jadhav Manish Kamalakar			
2020-21	AB	Chaudhari Tejal Prakash	Prof. P.D.Daware	-	Non-sponsored
		Khose Rutuja Sanjay			
		Borase Arati Ashok			
		Chaudhari Riya Rajendra			
2020-21	AC	Patil Shubham Dnyaneshwar	Prof. P.D.Daware	-	Non-sponsored
		Choudhary Nitin Shivaji			
		Tayade Kantilal Dilip			
		Gaikwad Bharat Sukdeo			
2020-21	AD	Ambre Saloni Dilip	Prof. P.D.Daware	-	Non-sponsored
		Bhagwat Vishakha Moreshwar			
		Chaudhari Rutuja Shivaji			
		Borse Nilesh Vasant			
2020-21	AE	Pawar Maheshawari Shyamkant	Prof.K.M.Deore	-	Non-sponsored
		Salve Devyani Raosaheb			
		Patil Kuldip Hitendra			
		Sasane Yogesh Bhausahab			
2020-21	AF	Suryawanshi Snehal Hiranman	Prof.K.M.Deore	-	Non-sponsored
		Kangane Anushka Bhimraj			
		Beldar Devendra Sudam			
2020-21	AG	Pawar Mayur Suresh	Prof.K.M.Deore	-	Non-sponsored
		Dabhade Akash Dnyaneshwar			
		Kale Shriniwas Arvind			
		Aher Mayur Balkrushna			
2020-21	AH	Aagale Raviraj Tulashiram	Prof. P.T.Kumavat	-	Non-sponsored
		More Avinash Pitambar			
		Bhavar Sarang Vijay			
		Patil Tushar Rajendra			

2020-21	AI	Chaudhari Pavba Kailas	Prof. P.T.Kumavat		Non-sponsored
		Mali Shubham Anil			
		Mali Pragati Avinash			
		Pardeshi Swapnil Sunilsinh			
2020-21	AJ	Gotis Nilesh Bhaskar	Prof. P.T.Kumavat	-	Non-sponsored
		Choudhari Shubham Sakharam			
		Gosavi Rajil Deepak			
		Chaudhari Yogita Chandar			
2020-21	AK	Chavan Rahul Vijay	Prof. B.V.Tatar	-	Non-sponsored
		Ghule Roshan Sanjay			
		Gavande Akshay Milind			
		Wankhedkar Rajshri Vijay			
2020-21	AL	Singh Rohit Kameshwar	Prof. B.V.Tatar	-	Non-sponsored
		Khaire Vaibhav Shivaji			
		Kayande Yogesh Pandharinath			
		Binnar Abhijeet Shantaram			
2020-21	AM	Bansode Bhushan Navnath	Prof. B.V.Tatar	-	Non-sponsored
		Barde Varad Dilip			
2020-21	AN	Patel Aakanksha Vilas	Prof. V.A.Kuwar	-	Non-sponsored
		Thakare Nandini Chhotu			
		Bidgar Pratiksha Aba			
		Patil Shubham Ashok			
2020-21	AO	Pagar Roshan Ashok	Prof. V.A.Kuwar	-	Non-sponsored
		Marian Leeann Amalaraj			
		Nikam Kanchan Ratnakar			
		Patil Tejas Dhananjay			
2020-21	AQ	Nikam Pratik Gulabrao	Prof. V.A.Kuwar	-	Non-sponsored
		More Malhar Ravindra			
		Deore Rohit Bapu			
		More Preeti Balu			
2020-21	AR	Pawar Snehal Uttam	Prof. M.Z.Khairnar	-	Non-sponsored
		Shinde Aniket Uttam			
		Khurkute Avinash Vinod			
		Thakur Yash Manoj			
2021-22	A	Jadhav Nilesh Bapu	Prof. R. M. Jadhav	Lean Technology in Residential Construction	Non-sponsored
		Naik Jitesh Kishor			
		Kharote Abhishek Kailas			
2021-22	B	Thakare Piyush Balu	Prof. R. M. Jadhav	C02 Fixation in waste material using in construction	Non-sponsored
		Darade Shubham Madhukar			
		Gaikwad Rohan Devidas			
		Jagtap Devendra Dattu			

2021-22	C	Nikam Chetan Rajendra	Prof. R. M. Jadhav	Geophysical Survey for Groundwater Monitoring	Non-sponsored
		Patil Dhanesh Yashwant			
		Patil Naitik Pravin			
		Yelmame Adesh Nandu			
2021-22	D	Dhangare Mamta Balkrushna	Prof.(Dr.)D. P. Joshi	Flexural Strength of RC Beams wrapped with Aramid Fibre	Non-sponsored
		Randive Diksha Sanjay			
2021-22	E	Avhad Nilesh Sampat	Prof.(Dr.)D. P. Joshi	Use of Partial Beam	Non-sponsored
		Wagh Yogiraj Gunivant			
		Bhamare Pranit Nitin			
2021-22	F	Darode Pankaj Sunil	Prof.(Dr.)D. P. Joshi	Crack Width of Retard-Bonded Partially Pre-stressed Concrete Beams	Non-sponsored
		Gangurde Aman Pramod			
		Gunjal Amol Arjun			
2021-22	G	Rathod Sandip Vasant	Prof.K.K.Tolani	Experimental measures adopted to avoid siltation	Non-sponsored
		Sapkal Yogesh Sanjay			
		Mavali Avinash Bajya			
		Pawara Savan Madan			
2021-22	H	Kale Pratik Vilas	Prof.K.K.Tolani	Case Studies of Various Sustainable Buildings	Non-sponsored
		Wagh Yogesh Kiran			
		Kasture Harish Mangesh			
2021-22	J	Kedare Megha Vijay	Prof. S.U. Pagar	Use of Basalt fiber in RCC	Non-sponsored
		Zole Priyanka Yadav			
		Chavan Sushant Ramdas			
		Kadale Amol Ramdas			
2021-22	K	Avhad Mahesh Baburao	Prof. S.U. Pagar	Reinforced Geopolymer concrete	Non-sponsored
		Harshal Ravindra Ingale			
		Gavit Daniel Prabhakar			
		Gokul Tukaram Kedar			
2021-22	L	Bhoir Vishakha Kashinath	Prof. S.U. Pagar	Stabilization of Black Cotton Soil Using Terrazyme	Non-sponsored
		Bhoye Heena Chhotu			
		Bagul Mayur Ashok			
		Mahale Roshan Tushar			
2021-22	M	Pawar Archana Baburao	Prof. S.J. Pagar	How do flood control structures work. ( Dame)	Non-sponsored
		Jagtap Chaitanya Bhausaheb			
		Sope Aishwarya Sudhir			
		Sanap Vishal Ramlal			
2021-22	N	Wagh Akshaykumar Santosh	Prof. S.J. Pagar	MORNING GLORY SPILLWAY	Non-sponsored
		Katkade Ketan Keshav			
		Aware Kunal Ananda			
		Gharte Khushbu Kiran			
2021-22	O	Sadgir Vaibhav Popatrao	Prof. S.J. Pagar	Design of Road Side Drainage	Non-sponsored
		Chaudhari Rajendra Dnyaneshwar			
		Kshirsagar Amar Ankushrao			

2021-22	P	Rupali Bapurao Jagale	Prof.A.U.Mankar	seismic analysis of reinforced	Non-sponsored
		Chaure Sulochana Dilip			
		Dalvi Anjinkya Suresh			
2021-22	Q	Kedare Akshay Balu	Prof.A.U.Mankar	Design of Road side drainage system	Non-sponsored
		Patil Shubham Sham			
		Khairnar Dhiraj Sunil			
		Khairnar Harshwardhan Rajendra			
2021-22	S	Ruikar Prasad Prakash	Prof.T.R.Shinde	Road Rolling Barrier system	Non-sponsored
		Chaudhari Prem Pruthviraj			
		Ghugre Srujan Uttam			
		Bhalerao Samarth Bhaskar			
2021-22	T	Avhad Mahesh Hari	Prof.T.R.Shinde	Design And Analysis Of Multi-Storied Bulding	Non-sponsored
		Wakude Bharat Ramesh			
		Kamble Gauri Dilip			
		Gadakh Pavan Navanath			
2021-22	U	Bhabad Tejaswini Khandu	Prof.T.R.Shinde	Intelligent transport system	Non-sponsored
		Shinde Avinash Atmaram			
		Ugale Sagar Suresh			
2021-22	V	Chaudhari Parth Sanjay	Prof.K.M.Deore	Advanced Pavement design	Non-sponsored
		Sonavane Vishal Balram			
		Nikam Harshada Deelip			
		Jadhav Snehal Balasaheb			
2021-22	W	Patil Gaurav Sudhir	Prof.K.M.Deore	Smart City Dhule	Non-sponsored
		Patil Manali Chandrakant			
		Khairnar Siddhi Krishnaraj			
		Shinde Saurabh Ram			
2021-22	X	Dusane Vinayak Sunil	Prof.K.M.Deore	Noise Absorbing Composite Materials Using Agro Waste Products	Non-sponsored
		Hemant Adinath Khule			
		Patil Akshay Vasntrao			
		Khade Dyandeo Ramdas			
2021-22	Y	Gavali Pratik Satish	Prof. Pradeep T. Kumawat	Evaluating the effectiveness floating house technology in flood prone area	Non-sponsored
		Chaudhari Asif Hayat			
		Bodke Shantanu Babanrao			
		Kumawat Rutuja Ashok			
2021-22	Z	Thakur Sushmita Hemant	Prof. Pradeep T. Kumawat	Integrated approach of sustainable practices in constrection industries	Non-sponsored
		Bhalerao Dnyaneshwari Rajendra			
		Kelode Pooja Yadavrao			
2021-22	AA	Bagul Mayur Sunil	Prof. Pradeep T. Kumawat	Soil Stabilization using Industrial waste	Non-sponsored
		Wagh Dhruvesh Anil			
2021-22	AB	Sayyad Farhan Shakil	Prof. B.V.Tatar	Sustainable Design of Open Market	Non-sponsored
		Khatale Suraj Bharat			
		Pardeshi Prasannakumar Mahendra			

2021-22	AC	Lande Rutik Siddheshwar Sangale Kalpesh Prakash	Prof. B.V.Tatar	Building Information Modelling	Non-sponsored
2021-22	AD	Kuwar Devendra Subhash Nagare Vijay Dilip Rakhunde Palash Ramrao Yuvraj Hemant Sanap	Prof. B.V.Tatar	Proposed Design of Integrated Waste Processing Plant	Non-sponsored
2021-22	AE	Khaire Tushar Narayan Jadhav Shubham Vilas Sonawane Omprakash Arjun Kahar Anirudha Arvind	Prof. M.Z.Khairnar	Evaluation Of Extent Of Pollution In Godavari River Around Nashik	Non-sponsored
2021-22	AF	Shewale Shweta Manik Pawar Gayatri Mahendra Ghughe Madhuri Anil Jethwa Vrushabh Deepakkumar	Prof. M.Z.Khairnar	Stabilization of Black cotton soil by Usin Coir Fibre and Marble Dust	Non-sponsored
2021-22	AG	Dhokchaule Prajwal Guldagad Abhishek Chandrakant	Prof. M.Z.Khairnar	To Investigate the Effect of Nano Silica In Concrete	Non-sponsored
2021-22	AH	Chavan Shubham Ashok Patil Nilesh Bharat Mahajan Swapnil Ramesh Khairnar Omkar Nivrutti	Prof. A.B Wakchaure	Analysis of Rigid Pavements	Non-sponsored
2021-22	AI	Sujit Arvind Hiray Pawar Rushikesh Haribhau Tatiya Ankit Haresh Walunkar Parameshwar Vitthal	Prof. A.B Wakchaure	Lean Technology	Non-sponsored
2022-23	A	Pardeshi Rushikesh Satish Mahale Nikita Jayawant Chaudhari Pratham Bharat Mulane Lalit Shantaram	Prof.(Dr.) C.K. Sridhar	An Experimental study on Chloride Penetration test on fresh and hardened concrete	Non-sponsored
2022-23	B	Navlakhe Sajal Sandeep Jadhav Rishita Narendra Zend Shaunak Sanjay Aher Rupali Sanjay	Prof.(Dr.) C.K. Sridhar	A study on assessment of water quality of Godavari river (MK)	Non-sponsored
2022-23	C	Khedulkar Puja Avinash Raut Kanchan Namdev Devkar Akash Sukdev Khambait Rohini Chintaman	Prof.(Dr.) C.K. Sridhar	An Experimental study on determination of acid soluble chlorides in fresh and hardened concrete and their behaviour	Non-sponsored
2022-23	D	Thakare Ashok Tulashiram Thakare Ganesh Sunil Padvi Mukesh Pandit Valavi Girish Kanaji	Prof.(Dr.) D. P. Joshi	Power generation from effluent of STP	Non-sponsored


2022-23	E	Wagherkar Shreepad Shankar	Prof.(Dr.) D. P. Joshi	"Review and design facilities for elderly pedestrian" A case studies of Nashik City.	Non-sponsored
		Pawar Pavan Ravindra			
		Pawar Shubham Ashok			
		Patil Rahul Kalyan			
2022-23	F	Pawar Rushikesh Pandurang	Prof.(Dr.) D. P. Joshi	Replacement of fly-ash in cement concrete	Non-sponsored
		Yashod Prashant Nagesh			
		Borse Sagar Sunil			
		Salunke Hrushikesh Kakasaheb			
		Salve Nikhil Suresh			
		Sonawane Devendra Narayan			
2022-23	G	Jadhav Shubham Nivrutti	Prof. S. U. Pagar	Comparative study of soil with and without human hair fiber as reinforcement	Non-sponsored
		Chaudhari Karan Devanand			
		Bhalerao Akash Rajendra			
		Gangurde Aditya Gautam			
2022-23	H	Ghodke Prashant Ratan	Prof. S. U. Pagar	A critical study of pile raft foundation on refilled soil	Non-sponsored
		Pagare Tushar Suresh			
		Varade Prasad Ravikant			
		Pandit Roshan Vasant			
		Jadhav Akshay Tulshidas			
		Jadhav Tejas Sharad			
2022-23	I	Bhaskar Mayur Pravin	Prof. S. U. Pagar	Maintenance of road pavement	Non-sponsored
		Kokane Rushikesh Sanjay			
2022-23	J	Borse Rahul Ramdas	Prof. S. U. Pagar	Comparative study of clay brick, AAC block, fly-ash brick and clc blocks	Non-sponsored
		Waghare Kunal Digambar			
		Gavali Mukesh Motiram			
		More Mahendra Ambu			
2022-23	K	Chormal Omkar Vilas	Prof. S. U. Pagar	Study of seismic analysis of plane irregular structures by using Etap software	Non-sponsored
		Kathepuri Jayesh Ravi			
		Khairnar Piyush Vijay			
		Chafalkar Ajay Raju			
2022-23	L	Gaykwad Akash Samadhan	Prof. S. U. Pagar	-	Non-sponsored
		Kadam Mayuri Bhaskar			
		Hadape Pratiksha Vitthal			
		Kapse Ganesh Sharad			
2022-23	M	Pawara Anil Kota	Prof. S.J. Pagar	-	Non-sponsored
		Pawara Vikas Mankarya			
		Gathari Sagar Sunil			
		Valavi Tushar Madhukar			
2022-23	N	Gangode Sandip Jagdish	Prof. S.J. Pagar	-	Non-sponsored
		Jagtap Sunil Gokul			
		Padavi Sharad Raman			
		Deshmukh Roshan Sanjay			



2022-23	O	Kothavade Shreejeet Sudhakar	Prof. S.J. Pagar	Practical design, analysis and comparison of G+5 building with and without floating columns	Non-sponsored
		Bodke Rohit Laxman			
		Kothawade Gaurav Govind			
		Bhavsar Yash Vinod			
2022-23	P	Kharde Rutuja Suryabhan	Prof.A.U.Mankar	Sedimentation analysis using empirical formula(PK)	Non-sponsored
		Lachake Komal Madhukar			
		Deo Prathamesh Gajanan			
2022-23	Q	Sonkamble Tushar Digambar	Prof.A.U.Mankar	Soil Stabilization by using Fly-ash. (PK)	Non-sponsored
		Patil Akshay Aba			
		Sonwane Vaibhav Rajendra			
		Rathod Kunal Patingrao			
2022-23	R	Raut Roshani Pundalik	Prof.A.U.Mankar		Non-sponsored
		Kuwar Deepika			
		Domade Vijay Arun			
		Bharsat Dnyaneshwar Bharat			
2022-23	S	Mokal Rohit Sharad	Prof.T.R.Shinde	Experimental investigation on geopolymer reinforced concrete	Non-sponsored
		Morade Shubham Tukaram			
		Patil Prashant Bhagwan			
		Navale Hemant Madhukar			
2022-23	T	Mahadik Poonam Bhausaheb	Prof.T.R.Shinde	Experimental investigation of copper slag as a fine aggregate.	Non-sponsored
		Dhindale Aparna Amol			
		Sonawane Nikhil Dilip			
		Tadvi Asif Lukaman			
2022-23	U	Rajput Vaibhav Sukdeo	Prof.T.R.Shinde	Improvement of ground water table by using permeable concrete	Non-sponsored
		Mohite Kawarsingh Suklal			
		Jadhav Shivam Anil			
		Bhoye Rahul Nandaram			
2022-23	V	Velis Aniket Ratnakar	Prof.K.M.Deore	Comparative investigation between behaviour of helically reinforced concrete columns by steel and carbon fiber under pure compressive loading	Non-sponsored
		Chaudhari Yogesh Vilas			
		Kumavat Lalit Anil			
		Jadhav Anmol Gautam			
2022-23	W	Karve Chetan Vilas	Prof.K.M.Deore	Experimental assessment of using carbon fibre inclined stirrups in shear behaviour of reinforced concrete beam.	Non-sponsored
		Khande Viraj Sunil			
		Gavit Vaishnav Bramha			
		Godge Mansi Ravindra			
2022-23	X	Chavan Akash Kalu	Prof.K.M.Deore	Study on ductility performance of ferrocement circular columns by changing the position of welded wire mesh.	Non-sponsored
		Shirsath Sagar Ravindra			
		Bagul Rahul Prabhu			
		Aher Prashant Prabhakar			
2022-23	Y	Baisane Nirmalkumar Mangaldas	Prof. Pradeep T. Kumawat	Linear analysis of progressive collapse of tall composite building. A study on use of industrial wastes in road construction	Non-sponsored
		Pachpute Sanket Sanjay			
		Sonawane Harshal Mangaldas			
		Kharat Ajay Ramnath			

2022-23	Z	Kadali Hemraj Vishnu	Prof. Pradeep T. Kumawat		Non-sponsored
		Udamale Ganesh Balu			
		Jadhav Gaurishankar Somnath			
		Sonawane Ritesh Rajendra			
2022-23	AA	Mahale Bholenath Jayram	Prof. Pradeep T. Kumawat		Non-sponsored
		Navale Hemant Madhukar			
2022-23	AB	Mundhe Rushikesh Sakhahari	Prof. B.V.Tatar		Non-sponsored
		Patil Devendra Chhabulal			
		Wagh Ujwal Sahebrao			
		Borse Pratik Jalindar			
2022-23	AC	Ahire Tanmay Sanjay	Prof. B.V.Tatar		Non-sponsored
		Deokar Shivam Hanumanta			
		Khairnar Digvijay Shravan			
2022-23	AD	More Nikhil Sandip	Prof. B.V.Tatar	Precast concrete pavement system	Non-sponsored
		Chavanke Mohan Shivaji			
		Desale Aditya Rajendra			
2022-23	AE	Khairnar Abhishek Keshav	Prof. M.Z.Khairnar	A study on road strengthening and ashphalting with new technical methods	Non-sponsored
		Chavan Unmay Hemant			
		Nemnar Gokul Shantaram			
		Kumawat Rohit Vijay			
2022-23	AF	Pawar Rutika Javrilal	Prof. M.Z.Khairnar	Partial replacement of cement by ground granulated blast furnace slag for concrete	Non-sponsored
		Wadu Sanjana Dinkar			
		Avhad Siddhesh Sanjay			
		Thore Shubham Narayan			
2022-23	AG	Jadhav Shobha Shivaji	Prof. M.Z.Khairnar	Lower head river turbine	Non-sponsored
		Mahale Manisha Devidas			
		Bhavar Vijaysree Rambhau			
		Daragude Manisha Sanjay			

  
Prof. K. A. Salunke  
Head of Civil Department

  
Prof. (Dr.) S. B. Bagal  
Principal (LGNSCOE)  
Prof. (Dr.) Sahebrao B. Bagal  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213





## CERTIFICATE

This is to certify that the following student have satisfactory carried out the first semester B.E. project work entitled “**UTILIZATION OF SLUDGE IN BRICK MANUFACTURING**”. This work is being submitted for the award of degree of Bachelor of Civil Engineering. It is submitted in the partial fulfillment of the prescribed syllabus of Savitribai Phule Pune University, Pune for the academic year 2018 – 2019

### Examination Seat No.

BE150760032

BE150760125

BE150760036

BE150760101

### Name of the Student

Khaire Mukund Narayan

Padvi Nilesh Rajendra

Kolhe Sagar Bhaskar

Ahire Chetan Bhaskar

  
**Prof. A. U. MANKAR**

(GUIDE)

  
**Prof. Dr. D.P. JOSHI**

(H.O.D. CIVIL)

  
**Prof. S. B. BAGAL**

(EXTERNAL EXAMINER)



LATE G.N. SAPKAL COLLEGE OF ENGINEERING,  
ANJANERI, NASHIK 422-212



**CERTIFICATE**

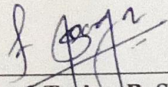
This is to certify that

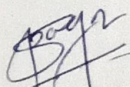
**Mr. AVHAD MAHESH HARI [B150760003]  
Mr. WAKUDE BHARAT RAMESH [B150760107]  
Mrs. KAMBLE GAURI DILIP [B150760047]  
Mr. GADAKH PAVAN NAVNATH [B150760025]**

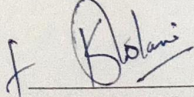
have satisfactory carried out the B.E. Project work entitled "DESIGN AND ANALYSIS OF MULTI-STOREY BUILDING". This work is being submitted for the award of degree of Bachelor of Engineering in Civil. It is submitted in Partial fulfilment of prescribed syllabus of Savitribai Phule Pune University for the academic year 2021-2022.

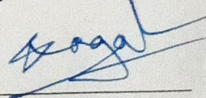
Date:

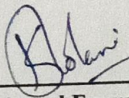
Place:

  
\_\_\_\_\_  
**Prof. Tushar R. Shinde**  
(Project Guide)

  
\_\_\_\_\_  
**Prof. Sachin U. Pagar**  
(Project Co-ordinator)

  
\_\_\_\_\_  
**Prof. Rahul M. Jadhav**  
HOD (Civil Engg. Dept)

  
\_\_\_\_\_  
**Dr. S. B. Bagal**  
(Principal)

  
\_\_\_\_\_  
**External Examiner**

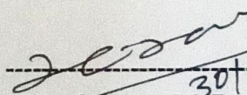


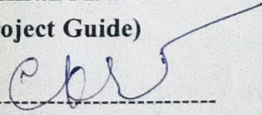
## CERTIFICATE

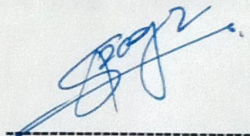
This is to certify that the Project entitled **“Experimental Assessment of Using Carbon Fibre Inclined Stirrups in Shear Behaviour of Reinforced Concrete Beam”** submitted by following students is a record of bona-fide work carried out by them under my guidance in the partial fulfillment of the award for the degree of Bachelor of Engineering in Civil of Savitribai Phule Pune university during the academic year 2022-23.

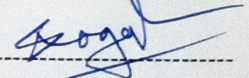
To the best of my knowledge, the project has reached the requisite standards. The matter contained in this project report has not been submitted to any other University or Institute for the award of the Bachelor Degree.

1. Vaishnav B. Gavit
2. Viraj S. Khande
3. Chetan V. Karve
4. Mansi R. Godge

  
20/05/2023  
Prof. Kiran M. Deore  
(Project Guide)

  
Prof. (Dr.) C. K. Sridhar  
HOD (Civil Engg. Dept)

  
Prof. Sachin U. Pagar  
(Project Co-ordinator)

  
Prof. (Dr.) Sahebrao B. Bagal  
(Principal)

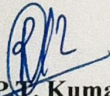
  
External Examiner

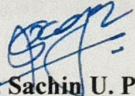
**KCT'S LATE G.N.SAPKAL COLLEGE OF  
ENGINEERING , SAPKAL KNOWLEDGE HUB , NASHIK  
DEPARTMENT OF CIVIL ENGINEERING**

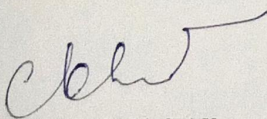
**CERTIFICATE**

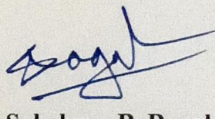


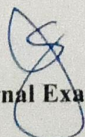
This is to certify that the Dissertation Report **LINEAR ANALYSIS OF PROGRESSIVE COLLAPSE OF TALL COMPOSITE BUILDING** submitted by **NIRMALKUMAR MANGALDAS BAISANE (B190760006)** under my supervision and guidance as a record of the work carried out by her is accepted as the Project report submission. It is submitted in the partial fulfillment of the prescribed syllabus **DEPARTMENT OF CIVIL ENGINEERING** of for the academic year 2022–2023.

  
**Prof. P.T. Kumawat**  
(Guide )

  
**Prof. Sachin U. Pagar**  
(Project Co-ordinator)

  
**Prof. (Dr.) C. K. Sridhar**  
HoD  
Civil Engineering Dept.

  
**Prof. (Dr.) Sahebrao B. Bagal**  
(Principal)

  
**External Examiner**



## CERTIFICATE

This is to certify that the Project Stage - II entitled **“Comparative Study of Soil with and without Human Hair Fiber as Reinforcement”** submitted by following students is a record of bona-fide work carried out by them under my guidance in the partial fulfillment of the award for the degree of Bachelor of Engineering in Civil of Savitribai Phule Pune University during the academic year 2022-23.

To the best of my knowledge, the project stage II has reached the requisite standards. The matter contained in this project stage I report has not been submitted to any other University or Institute for the award of the Bachelor Degree.

- 1) Aditya Gautam Gangurde (72171936J)
- 2) Akash Rajendra Bhalerao (72171910E)
- 3) Karan Devanand Chaudhari (72171921L)
- 4) Shubham Nivrutti Jadhav (72171953J)

Prof. P. T. Kumawat  
(Project Guide)

Prof. Sachin U. Pagar  
(Project Co-ordinator)

Prof. (Dr.) C. K. Shridhar  
HOD (Civil Engg. Dept.)

Prof. (Dr.) Sahebrao B. Bagal  
(Principal)

External Examiner



## CERTIFICATE

This is to certify that the Project entitled **“PRECAST CONCRETE PAVEMENT SYSTEM”** submitted by following students is a record of bona-fide work carried out by them under my guidance in the partial fulfillment of the award for the degree of Bachelor of Engineering in Civil of Savitribai Phule Pune university during the academic year 2022-23. To the best of my knowledge, the project has reached the requisite standards. The matter contained in this project report has not been submitted to any other University or Institute for the award of the Bachelor Degree.

1. Aditya Rajendra Desale
2. Mohan Shivaji Chavanke
3. Nikhil Sandip More

Prof. Bhushan V. Tatar  
(Project Guide)

Prof. Sachin U. Pagar  
(Project Co-ordinator)

Prof. (Dr.) C. K. Sridhar  
HOD (Civil Engg. Dept)

Prof. (Dr.) Sahebrao B. Bagal  
(Principal)

Dr. P. T. Pondebi  
External Examiner