RISHIKESH DINDE



 (May'20-Jun'20) Also study the alignment of the bridge of the State highway project. Workshop on GIS (Jan'20) Learned about different GIS tools. Q-GIS tool is used to study the topography of India, Irrigation system and find catchment areas in Maharashtra region Interchange Design (Aug;21-Nov'21) In this project, we designed a single-point interchange for KPT junction Mangalore Interchange and its components are designed based on existing traffic data, that will run for 20year lifespan safely. Digital image analysis Implemented COLOR PICKER SCRIPT based on images 	LinkedIn	INDL				
M.Tech in Civil Engineering B.E in Civil Engineering Shivaji University, Kohlapur Shivaji University, Shivaji University, Kohlapur Shivaji University In Ranker 2 in Civil Engineering among 115279 students Achievement Scholastic Achievement Scholastic Achievement Scholastic Achievement Shivaji University In Ranker 2 in Civil Engineering among 115279 students Awarded Shivaji University In Ranker 1 in Civil Engineering Scholarship for the first two years. RELEVANT COURSES AND SKILLS Pavement Construction Technology Pavement Analysis and Design Urban Transportation Planning Transportation Engineering Machine Learning in Civil Engineering Advance Construct Cooling, MS Excel, Auto-CAD, KENPAVE, SUPERPAVE, MEAPA, RHEA RROFESSIONAL EXPERIENCE AND PROBECTS Workshop on GIS (duly 22-Present) Formulating of cementitions binder that can reduce the dependency of the construction sector on OPC Clude Civil Cooling of Ship Ship Ship Ship Ship Ship Ship Ship		EDUCAT	TION AND SCHOLASTIC ACHIEVEM	ENTS		
Class XII (Maharashtra State Board) S. M. Lohia Jr. College, Kolhapur 78,92% 2017	Program		Institution	%/CGPA	Year	
Class XII (Maharashtra State Board) Scholastic Achievements Scholasti	M.Tech in Civil Engineering		IIT Madras, Chennai	8.46	2023	
Class X (Maharashura State Board) New English School, Bahireshwar. 90.2% 2015 Scholastic Achievements Secured All India Rank 1777 in GATE. 21 in Civil Engineering among 115270 sudents Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E. Awarded Scholarship of Indian Chapter in Concrete Technology Geosynthetics & Reinforced Soil Structure Pavement Management System Pavement Analysis and Design Urban Transportation Planning Transportation Engineering Studio Geometric Design of Highways Software: Origin, MS Eccl, AutoCAD, RENPAYE, SUPERPAYE, MEAPA, RHEA. Language: Python, MySQL, HTD FROFESSIONAL EXPERIENCE AND PROJECTS Project (July '20-Present) Use of Agro-Industrial waste as a cementitions material as a complete replacement for existing OPC (July '20-Present) Use of Agro-Industrial waste as a cementitions binder that can reduce the dependency of the construction sector on OPC In this way, we can produce eco-friendly cement, reducing the overall CO2 Production in cement industry. Barbaraship and the properties of Renew Soil and International Control of Renew Soil (July '20-Prosent) Use of Richaps and an illumination of Committions binder that can reduce the dependency of the construction of Renew Soil (July '20-Present) Worked primarily on pile foundation, RMC plant operations, and Fresh properties of RMC concrete. Abos study	B.E in Civil Engineering		Shivaji University, Kolhapur.	81.94%	2021	
Scholastic Achievements - Secured All India Rank 1777 in GATE—21 in Civil Engineering among 115270 students - Awarded Scholarship of Indian Chapter of American Concrete Institute in B.E Awarded Shivaji University 1st Ranker in Civil Engineering genolaship for the first two years. **RELEVANT COURSES AND SKILLS** **RELEVANT COURSES AND SKILLS** **Pavement Construction Technology** Pavement Analysis and Design** Geosynthetics & Reinforced Soil Structure** Pavement Analysis and Design** Urban Transportation Planning** Transportation Engineering Studio** Machine Learning in Civil Engineering** Advance Concrete Technology** Geometric Design of Highways Software: Origin, MS Excel, AutoCAD, KENPAVE, SUPERPAYE, MEAPA, RHEA Language: Python, MySQL, HTN PROFESSIONAL EXPERIENCE AND PROJECTS** Use of Agro-Industrial waste as a cementitious material as a complete replacement for existing OPC Guide: Dr. Surender Sing, Assistant Professor, IIT Madras, Portsons, IV Madras, Portsons, IV Madras, Portsons, OFT Modras, Portsons, OFT Madras, Portsons, OFT Ma	Class XII (Maharashtra State Board)		S. M. Lohia Jr. College, Kolhapur	78.92%	2017	
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• In this way, we can produce eco-friently cement, reducing the overalt CO2 Production in cement industry. • Base materials used to prepare the new binder are Sugar came bygasse ash and granulated blast furnace slag. Weak foundation soil stabilization by using agro-industrial waste. Guide: Prof. Amey Katdare. Professor, SGI Kolhapur • The use of Rice husk ash and lime to stabilize weak soil • Soil that is unsuitable for construction can be converted into the chemical-free, eco-friendly strong stable foundation. Site Engineer Intern-Sagar Construction • Worksdop on GIS (Jan'20) Workshop on GIS (Jan'20) * Also study the alignment of the bridge of the State highway project. Short-term training program on Recent Advances in GIS and its Applications in Civil Engineering: • Learned about different GIS tools. • Q-GIS tool is used to study the topography of India, Irrigation system and find catchment areas in Maharashtra region Interchange Design (Aug;21-Nov'21) * Interchange Design for any metro city having a real-time problem with Traffic. • In this project, we designed a single-point interchange for KPT junction Mangalore • Interchange and its components are designed based on existing traffic data, that will run for 20year lifespan safely. **Course: Machine learning in civil engineering Guide: Dr. Benny Raphael, Professor, IITM • Implemented COLOR PICKER SCRIPT based on images. • Taskbar feature used to get Hue, Saturation and Value limits for different colors with the least noise. • Library used: NumPy, OpenCV, and CVV in python. **Error detection in Public Survey (July'22) • Member of IC-ACI • Member of the Indian chapter of American Concrete Institute (IC-ACI) for 1 year. • Organized and actively participated in various events under ACI. **EXTRA-CURRICULAR ACTIVITIES** • 2nd winner of the poster presentation event comes under vibrant. **Winner of SURNIVOR' event** • 1st prize winner of Event held under vibrant in Sanjay Ghodawat Institute based on Survey Course.	•					
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Interchange Design (Aug;21-Nov'21) Interchange Design for any metro city having a real-time problem with Traffic. In this project, we designed a single-point interchange for KPT junction Mangalore Interchange and its components are designed based on existing traffic data, that will run for 20year lifespan safely. Course: Machine learning in civil engineering Guide: Dr. Benny Raphael, Professor, IITM Implemented COLOR PICKER SCRIPT based on images. Taskbar feature used to get Hue, Saturation and Value limits for different colors with the least noise. Library used: NumPy, OpenCV, and CVV in python. Error detection in Public Survey (July'22) Developed algorithm used in IITM project 'Last mile connectivity from the transportation department Used NumPy and Pandas library. POSITIONS OF RESPONSIBILITY Member of IC-ACI Member of the Indian chapter of American Concrete Institute (IC-ACI) for 1 year. Organized and actively participated in various events under ACI. EXTRA-CURRICULAR ACTIVITIES 2nd in the 'POSTER PRESENTATION' 2nd winner of Event held under vibrant in Sanjay Ghodawat Institute based on Survey Course.						
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		Swimming, Cricket, Trekking				