# B.E Project (2022-23)

# Savitribai Phule Pune University, Pune B. E. Civil (2019 Pattern) w. e. f. June 2022 401 005: Project Stage I

Teaching scheme Practical: 04 Hours/week	Credit 01 02	Examination scheme Term Work: 50 Marks Oral: 50 Marks
	02	-

## Pre-requisites

Fundamentals of Civil Engineering

### Course objectives

- Identify latest technical/practical problems in the field of Civil Engineering.
- Inculcate the ability to describe, interpret and analyze technical content.
- Develop competence in preparing report which will enhance critical thinking and develop the skill of technical writing along with presentation.

### Course outcomes

On successful completion of this course, the learner will be able to:

- 01 Appraise the current Civil Engineering research/techniques/developments/interdisciplinary areas.
- 02 Review and organize literature survey utilizing technical resources, journals etc.
- Evaluate and draw conclusions related to technical content studied.
- Demonstrate the ability to perform critical writing by preparing a technical report.
- Develop technical writing and presentation skills.

### Term Work

The Project Stage I report should contain the following. Internal guides may prepare a continuous evaluation sheet of each individual and refer as continuous assessment for term work marks.

- Introduction of the topic, its relevance to civil engineering, need for the study, aims and objective, limitations,
- 02 Literature review from reference books, journals, conference proceedings, published reports/articles/documents with conclusion. The literature review should be from published literature in the last five years.
- 03 Problem statement and methodology
- Theoretical contents related to the chosen topic or case studies if applicable
- 04 Concluding remarks or summary,
- 05 References

Oral Examination: The students must prepare presentation on Project Stage I and present in presence of pair of examiners through a viva-voce examination.

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RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

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# Notice

Department:Civil

Semester:II

AcademicYear:2021-2022

Class: BE

Div: NA

No.	Project Activity	Date
	Semester 1	
1.	Display of Last Three Year Project Title	
2.		28-05-2022
	Domain Orientation Session by Domain Coordinators	29-05-2022
3.	Formation of students Project groups as per SPPU	
4.	Display list of n	18-07-2022
	Display list of Potential Project guides as per specified domain.	23-07-2022
5.	Getting preferences from students for project domain and faculty guide	1
6.	guide guide project domain and faculty	25-07-2022
0.	Allocation and Notification about project domain and faculty	26-07-2022
7.	Review L.To Cooling at	20-07-2022
	Review I-To finalize the project topic (by project guide)	04-08-2022 to 06-08-2022
8.	Notification of finalized topics to students and respective faculty	
9.	Review II-by Project Review Committee	08-08-2023
10.		26-09-2022 to 27-09-2022
10.	Review III-by Project Review Committee	
11.	Preparation of Project Phase-I report as per SPPU guidelines	13-10-2022 to 14-10-2022
12.	report as per SPPU guidelines	30-10-2022
12.	Mock Project Phase-I presentation; Project Review - IV	15-11-2022 to 16-11-2022
13.	SPPU End Semester Project Exam	10-11-2022
	Joseph Liverin	
	Semester II	
14.	Review I-by Project Review Committee	02 02 200
15.		02-03-2023 to 03-03-2023
	Review II-by Project Review Committee	12-04-2023 to 13-04-2023
16.	Review III-by Project Review Committee	
17.		08-05-2023 to 09-05-2023
	Preparation of Project Phase-II report as per SPPU guidelines	25-05-2023
18.	Mock Project Phase-II presentation	20.05.2022 - 20.05
19.		29-05-2023 to 30-05-2023
	Project Review-IV SPPU End Semester Project Exam	





Record No.: ZCOER-ACAD/R/40

Revision: 00

Date:01/04/2021

# List of Last 3 Years Project Titles

Sr. No	AY 2021-22	AY 2020-21	AY 2019-20
1.	Analysis of pandemic effect on project management by using Primavera software	IoT Based Leakage detection system for water supply scheme	Estimation of discharge in canal Using empirical formula and verification of the same by Using
2.	Exposure assessment of particulate matter	Structural Audit and Retrofitting of RCC Structures	Application of Soft Healing Concrete
3.	Flood forecasting using Artificial Neural Network and Alarm system by Internet of Things	Study of Landslides arround dam site: A Case study of Malin Village	Computer aided analysis and design of high rise building with shear wall
4.	Use of steel fibers in the construction of heavy industrial floor	Seismic Analysis of RCC Structures with Various Type of Bracing System using ETAB	comparative study of natural fibers in SAM using different stabilizers
5.	Analysis and Design Of Offshore Jacketed Structure	EFFECTIVE REPLACEMENT OF  CEMENT BY GGBS & CERAMIC WASTE FOR ESTABLISHING SUSTAINABLE CONCRETE	Structural Health monitoring By piezo Ceramic Transducer
6.	Use of ERP Software in Tracking of project progress	STEEL INTENSIVE BUILDING FOR RURAL, APPLICATION	A combine Distillation and Softening Approach for the Drinking water by Hydrodynamic cavitations





NAME OF TAXABLE PARTY.	NAK	ie ir com	Date:01/04/2021				
ZCOER	D/D/40	Revision: 00					
Record N	io.: ZCOER-ACAD/R/40		Design and development				
7.	Comparative study of sanitary landfills and biomining for municipal solid waste	Prediction of Pan Evaporation by Artifical Neural Network	of module kitchen waste composter for Household utility				
8.	River Rejuvension of Mutha River & embankment mapping by application of GIS	Experimental study of SBR using Moving Beds	PLANNING FOR SUSTAINABILITY TOWNSHIP KAMTEH MALA FURSUNGI PUNE				
9.	Software  Streamflow forecasting by Artificial Neural	Jambhulwadi Lake water remediation	Casting Flexible Pavement By Recycling OLD asphalt pavement material.				
10.	Geospatial analysis of landslide episode in	Soil stabilization by using spent wash	Development of New R.C.C. design Software				
11.	Chiplun (MS)  Seismic analysis of tall building	Effect of polypropylene fibre reinforcement on concrete as compared to normal concrete	Structural Audit and Retrofitting				
12.	Hydrodynamic studies for proposed development of passenger jetti at Janjira	FERROCEMENT TECHNOLOGY	Stabilization of black cotton soil for sub grade of pavement				
13.	Analysis of different types of wall panels under blast loading	Identification of accidental black spots from new katraj tunnel to sarola and remedial measures	Rainfall Runoff Modelling using SCN – CN & GIS approach in GAGAN BAVDA Water shade KOLHAPUR				
4.	Seismic Analysis of Interlocking Blocks in Walls	Soil Stabilization by using Construction  Demolition waste	Design Of Ogee Spillway				





Record N	o.: ZCOER-ACAD/R/40	Revision: 00	Date:01/04/2021					
15.	Rehabilitation Plan and Schedule of Nilaji- Bamni	Analysis of non-linear loads acting on an offshore superstructure	Analysis and Design of castellated Beam					
16.	Grey water treatment with low cost treatment method	Use of Offshore Sand as fine aggregate in concrete	-					
17.	Thrifty homes for economically weaker session	Quantification Health Risk Associated with Air pollution	-					
18.	Design of 21 story earthquake resistant building with seismic analysis	Soil Stabilization by using Eco Friendly Materials	-					
19.	Use of red mud as a replacement of concrete	-	-					
20.	Post Tensioning of Structure	-	-					
21.	Rotating Bridge	. ,						
22.	Estimation of G+3 building using software	-						
23.	Design of G+3 building using Revit Architecture software		-					





RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Notice

Department: Civil Engineering

Semester:II

Academic Year: 2021-2022

Class: T.E

Div: NA

Date:27/05/2022

Allthe studentsofTECivilareherebyinformedthatBE project orientation program is scheduled on 29th May 2022 at 09:00AM in TE classroom. Attendance is mandatory for the orientation program.

Sr.No.	Domain	Domain Coordinator	Date and Time
1	Water Resource Engineering	Prof. A.R. Bansode	29/05/2023 9.15AM- 09.30AM
2	Construction Management	Prof. P.K. Nawale	29/05/2023 09.30AM- 09.45AM
3	Structural analysis and Design	Prof. A. V. Wakchaure	29/05/2023 09.45AM- 10.00AM
4	Environmental Engineering	Prof. S.D. Redekar	29/05/2023 10.00AM- 10.15AM
5	Geotechnical Engineering	Prof. S.M. Mali	29/05/2023 10.15AM- 10.30AM
6	Engineering Mechanics	Prof. V.A. Chaudhari	29/05/2023 10.30AM- 10.45AM

oordinator

Assistant Professor

Dept. of Civil Engineering ZES's Zeal College of Engineering & Research, Narhe, Pune-41.

AcademicCoordinator

DepartmentofCivilEngineering

**Academic Coordinator** 

Department of Civil Engineering Zeal College of Engineering & Research Narhe, Pune-411041

DepartmentofCivilEngineering

Dept. of Civil Engineering ZES' Zeal College of HOD **Engineering & Research** Narhe, Pune-411 041





Record No.: ZCOER-ACAD/R/39

Revision: 00

Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Date: 16/07/22

All Students of Final Year Civil Engineering are hereby informed to form group of not more than four members voluntarily until 18/07/2022, 04.00 pm. If failed to do so, groups will be created with random selection of students and will not be changed under any circumstances.

The final group formation list will be displayed on department notice board until 19/07/2022. Grievances if any will be entertained only on the same day.

The formation of group will be done using Google Sheets whose link will be shared to you through WhatsApp.

Google Sheets Link:

https://docs.google.com/spreadsheets/d/1UEnHa6e1rMuMesgpEd1FeFFLu60Biit82K5bGDCGS 9s/edit?usp=sharing

Mr. P. K. Nawale

Project Coordinator

Dept of Civil Engineering

ZES's Zeal College of

Engineering & Research

Narhe, Pune-411 041

or G. S. Anaokar

HOD

Dept of Civil Engineering ZES's Zeal College of Engineering & Research Name, Pune-611 041







Record No.: ZCOER-ACAD/R/15

Revision: 00

# Allocation of Faculty Members to various Domains

Department: Civil

Semester: I

Academic Year: 2022-23

Date:20/07/2022

Domain Name	Domain Name	Domain Name	Domain Name	Domain Name	Domain Name
Water Resources Engg.	Construction Management	Structural Analysis and Design	Environmental Engineering	Geotechnical Engineering	Engineering Mechanics
Name of	Name of	Name of	Name of	Name of	Name of
domain	domain	domain	domain	domain	domain
coordinator	coordinator	coordinator	coordinator	coordinator	coordinator
Prof. A. R.	Prof. P. K.	Prof. A. V.	Prof. S. D.	Prof. S. M.	Prof. V. A.
Bansode	Nawale	Wakchaure	Redekar	Mali	Chaudhari



Academic Coordinator

Academic Coordinator

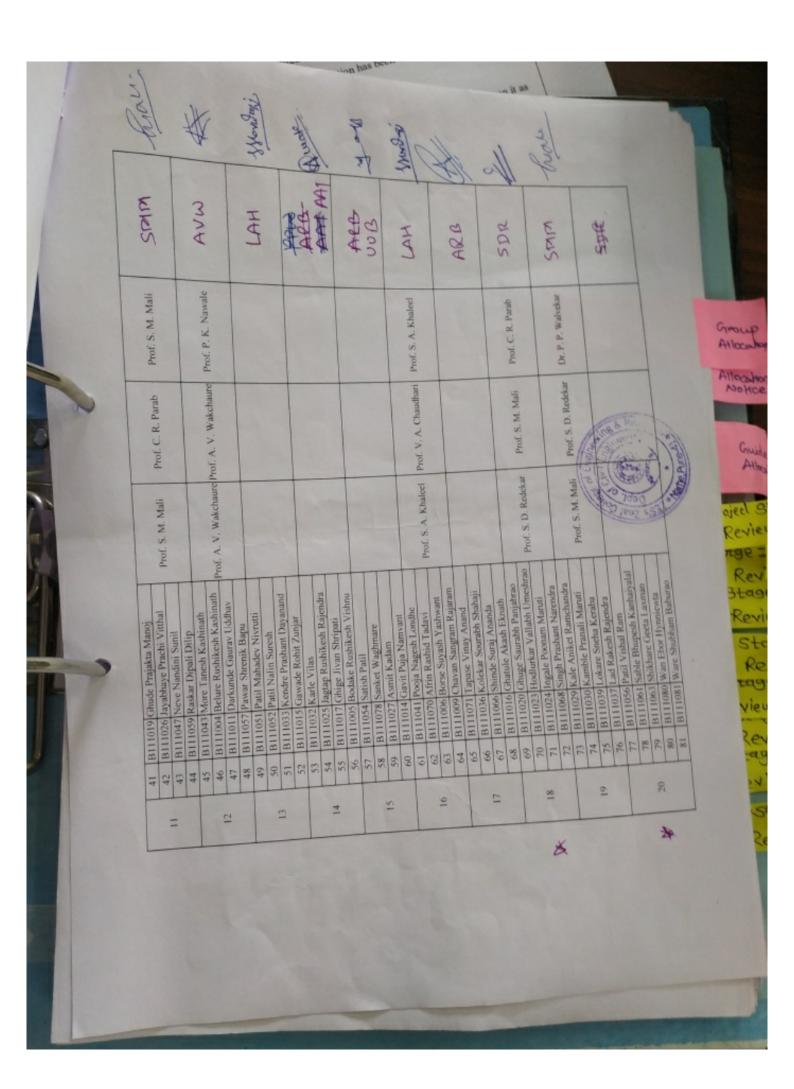
Department of Civil Engineering
Zeal College of Engineering & Research
Narhe, Pune-411041

Head of the Department

Dept of Civil Engineering ZES's Zea' College of Engineering & Research Narhe, Pune-411 041



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Preference 3		Prof C & Cholod	TIME S. C. Named			Prof. A. V. Walchamp				Prof. S. M. Mafi				Dr. G. S. Ansokar				Dr. G. S. Anaokar				Prof. A. R. Bansode				Prof. P. K. Navale			Prof A R. Barroode				) Redelar						1		
Preference 2		Day D K Neurale	TIOL F. P. Panance			Prof V A Chandhari P				Prof. S. D. Redeker				Prof. A. V. Wakchauro				Prof. C. R. Parab				Prof. P. K. Nawale				Prof. S. D. Redekar			and to the Name of	PTOL. F. N. Namer				Dr. G. S. An	(	100	10000	Re	ng	181	100
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Name of Student	Akhade Atharvaraj Naresh			Suravase Suraj Rajendra	B111002 Banarase Shubham Arvind	B111044 Mote Pranav Kisan	B111012 Deshmukh Tejraj Bholanath	B111018 Ghone Gitanjali Mahesh	B111058 Pote Abhijeet Ramesh	B111050 Patil Harshada Vinod	B111064 Shinde Sandeep Chandrakant	B111028 Kakde Shivam Shahadev			Lokare Tushar Baban	B111008 Chavan Mahesh Namdeo	Shinde Soham Ajay	Parab Navin Naresh	B111021 Gondal Vikram Vinod	B111075 Veer Ashish Pandurang	B111053 Patil Rutik Anil	B111076 Vishwas Omkar Mohan	Vyavahare Vishal Arun	B111072 Tathe Viraj Vaibhav	B111042 Maideo Kedar Ranganath	B111046 Nadge Atharva Rahul		B111013 Devkate Abhishek Tanaji	Nachan Divya Satish	Vatari Kaushai Nan	Khemnar Ravindra Maruti		Karale Mohan Shivaji	Bathe Prasad Nana	B111049 Patil Bhagyashri Vijay	B111010 Dalvi Rushikesh Indrajeet	B111038 Lohokare Abhishek Sanjay	B111022 Gonge Gauray Shankar	B111007 Charwad Sarthak Kuldcep	B111034 Khan Noman Kadir	
o. Roll No.	B111001	B111062	B111060	B111069	B111002	B111044	B111012	B1111018					=	B111079																		2 B111073	3 B111031			П					
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Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

Notice

Department: Civil Engineering

Date: 20/07/2022

Semester: I

Academic Year: 2022 -2023

# **B.E. Project Group Allocation**

All the students of B.E. Civil are hereby inform to confirm the project any grievances, contact Prof. P. K. Nawale on 20/07/2022 till 05:00 pm.

Group No.	Sr. No.	Roll No.	Name of Student
Group its	1		Akhade Atharvaraj Naresh
	2		Santdarshan Suresh Gurav
1	3	B111060	Rathod Saurabh Rajkumar
	4		Suravase Suraj Rajendra
	5		Banarase Shubham Arvind
2	6	B111044	Mote Pranav Kisan
2	7		
	8	B111018	Ghone Gitanjali Mahesh
	9	B111058	Pote Abhijeet Ramesh
-	10	B111050	Patil Harshada Vinod
3	11	B111064	
	12	B111028	
	13	B111067	Shivam Satish Shendge
	14	B111079	Waghmare Sarvadeep Sanjay
4	15	B111040	Lokare Tushar Baban
	16	B111008	Chavan Mahesh Namdeo
	17	B111065	
	18	B111048	
5	19	B111021	Gondal Vikram Vinod
	20	B111075	Veer Ashish Pandurang
	21		Patil Rutik Anil
	22	B111076	Vishwas Omkar Mohan
6	23	B111077	
	24		Tathe Viraj Vaibhav
	25		Maideo Kedar Ranganath
	26		Nadge Atharva Rahul
7	27		Patil Tanmay Hanumant
	28	B111013	Devkate Abhishek Tanaji
8	29	AFTER BA	Nachan Divya Satish



Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

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		Date:01
	30	B111074 Vatari Kaushal Nandkumar
	31	B111035 Khemnar Ravindra Maruti
	32	B111073 Vakharia Darshan Satishkumar
	33	B111031 Karale Mohan Shivaji
9	34	B111003 Bathe Prasad Nana
	35	B111049 Patil Bhagyashri Vijay
	36	B111010 Dalvi Rushikesh Indrajeet
	37	B111038 Lohokare Abhishek Sanjay
10	38	B111022 Gonge Gaurav Shankar
10	39	B111007 Charwad Sarthak Kuldeep
	40	B111034 Khan Noman Kadir
	41	B111019 Ghude Prajakta Manoj
11	42	B111026 Jayabhaye Prachi Vitthal
11	43	B111047 Neve Nandini Sunil
	44	B111059 Raskar Dipali Dilip
	45	B111043 More Tanesh Kashinath
10	46	B111004 Belure Rushikesh Kashinath
12	47	B111011 Darkunde Gaurav Uddhav
	48	B111057 Pawar Shrenik Bapu
	49	B111051 Patil Mahadev Nivrutti
10	50	B111052 Patil Nalin Suresh
13	51	B111033 Kendre Prashant Dayanand
	52	B111015 Gawade Rohit Zunjar
	53	B111032 Karle Vilas
	54	B111025 Jagtap Rushikesh Rajendra
14	55	B111017 Ghige Jivan Shripati
	56	B111005 Bodake Rushikesh Vishnu
	57	B111054 Satish Patil
	58	B111078 Sanket Waghmare
15	59	B111027 Asmit Kadam
	60	B111014 Gavit Puja Namvant
	61	B111041 Pooja Nagesh Londhe
	62	B111070 Afrin Rashid Tadavi
16	63	B111006 Borse Suyash Yashwant
	64	B111009 Chavan Sangram Rajaram
		B111071 Tapase Vinay Anand
	65	
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	67	B111066 Shinde Surai Ananda
	68	Bhili016 Ghatule Akash Eknath
18	69/60	Hat 14020 Ghuge Saurabh Panjabrao



# ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA Record No.: ZCOER-ACAD/R/39



2021

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1	19	74	B111030	Kamble Pranali Ma	ruti
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	20	79		Shikhare Geeta La Wan Ebor Hynnie	
		81	B111081	Ware Shubham B	aburao

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ACADEMIC COORDINATOR

ept of Civil Engineering Academic Coordinator

Department of Civil Engineering ZES's Zeal College of Narhe, Pune-411 041 Narhe, Pune-411041 Narhe, Pune-411 041

Dept of Civil Engineering ZES's Zeal College of Engineering & Research Narhe, Pune-411 041







Record No.: ZCOER-ACAD/R/26

Revision: 00

Date:01/04/2021

# Allocation of Project Guides

Department: Civil Class: B.E. Semester: I Div: NA Academic Year: 2022 - 2023

Date: 23/07/2022

		Names of the student	Project Guide
Project	Roll	Akhade Atharvaraj Naresh	
	B111001	Santdarshan Suresh Gurav	Prof. A. V. Wakchaure
GI	B111062 B111060	Rathod Saurabh Rajkumar	
	B111069	Suravase Suraj Rajendra	
	B111002	Banarase Shubham Arvind	
G2	B111044	Mote Pranay Kisan	Dr. P. P. Walvekar
02	B111012	Deshmukh Tejraj Bholanath	
	B111018	Ghone Gitanjali Mahesh	
	B111058	Pote Abhijeet Ramesh	
G3	B111050	Patil Harshada Vinod	Prof. P. K. N
-	B111064	Shinde Sandeep Chandrakant	
	B111028	Kakde Shivam Shahadev	
	B111067	Shivam Satish Shendge	
G4	B111079	Waghmare Sarvadeep Sanjay	Prof. A. A. Turate
	B111040	Lokare Tushar Baban	
	B111008	Chavan Mahesh Namdeo	
	B111065	Shinde Soham Ajay	
G5	B111048	Parab Navin Naresh	Prof. S. D. Redekar
	B111021	Gondal Vikram Vinod	
	B111075	Veer Ashish Pandurang	
	B111053	Patil Rutik Anil	
G6	B111076	Vishwas Omkar Mohan	Dr. G. S. Anaokar
	B111077	Vyavahare Vishal Arun	
	B111072	Tathe Viraj Vaibhav	
	B111042	Maideo Kedar Ranganath	
37	B111046	Nadge Atharva Rahul	Prof. A. R. Bansode
	B111055	Patil Tanmay Hanumant	
	B111013	Devkate Abhishek Tanaji	
	B111045	Nachan Divya Satish	
8	B111074	Vatari Kaushal Nandkumar	Dr. G. S. Anaokar
	B111035	Khemnar Ravindra Maruti	Dr. G. S. Allaukar
	B111073	Vakharia Darshan Satishkumar	
	B111031	Karale Mohan Shivaji	
9	B111003	Bathe Prasad Nana	
-	B111049	Patil Bhagyashri Vijay	Prof. U. U. Buch
	B111010	Dalvi Rushikesh Indrajeet	
	B111038		
0		Lohokare Abhishek Sanjay	
0	B111022	Gonge Gauray Shankar	Dr. P. P. Walvekar
	B111007	Charwad Sarthak Kaldeep	
	B111034	Khan Noman Kadit	





Record No.: ZCOER-ACAD/R/26

Revision: 00

Date:01/04/2021

	B111019	Ghude Prajakta Manoj	
G11	B111026	Jayabhaye Prachi Vitthal	Prof. S. M. Mali
	B111047	Neve Nandini Sunil	
	B111059	Raskar Dipali Dilip	
	B111043	More Tanesh Kashinath	
G12	B111004	Belure Rushikesh Kashinath	Prof. A. V. Wakchaure
	B111011	Darkunde Gaurav Uddhav	
	B111057	Pawar Shrenik Bapu	
	B111051	Patil Mahadev Nivrutti	
G13	B111052	Patil Nalin Suresh	Prof. L. H. Havalagi
013	B111033	Kendre Prashant Dayanand	
	B111015	Gawade Rohit Zunjar	
	B111032	Karle Vilas	
C14	B111025	Jagtap Rushikesh Rajendra	Prof. A. A. Turate
G14	B111017	Ghige Jivan Shripati	
	B111005	Bodake Rushikesh Vishnu	
	B111054	Satish Patil	
C15	B111078	Sanket Waghmare	Prof. U. U. Buch
G15	B111027	Asmit Kadam	
	B111014	Gavit Puja Namvant	
	B111041	Pooja Nagesh Londhe	
G16	B111070	Afrin Rashid Tadavi	Prof. L. H. Havalagi
GIO	B111006	Borse Suyash Yashwant	
	B111009	Chavan Sangram Rajaram	
	B111071	Tapase Vinay Anand	
G17	B111036	Kolekar Sourabh Shahaji	Prof. A. R. Bansode
017	B111066	Shinde Suraj Ananda	
	B111016	Ghatule Akash Eknath	
-	B111020	Ghuge Saurabh Panjabrao	
G18	B111023	Hodlurkar Vallabh Umeshrao	Prof. S. D. Redekar
010	B111024	Ingale Poonam Maruti	
	B111068	Singh Prashant Narendra	
	B111029	Kale Aniket Ramchandra	
G19	B111030	Kamble Pranali Maruti	Prof. S. M. Mali
017	B111039	Lokare Sneha Keraba	
	B111037	Lad Rakesh Rajendra	
	B111056	Patil Vishal Ram	
	B111061	Sable Bhupesh Kanhaiyalal	Prof. S. D. Redekar
G20	B111063	Shikhare Geeta Laxman	Piol. S. D. Redekar
	B111080	Wan Ebor Hynniewta,	
	B111081	Ware Shubham Baburao	

Project Coordinator
Dept of Civil Engineering
758's Zeat College of

Name, Pune-411 041

Head of the Department

Dept of Civil Engineering ZES's Zeal College of Engineering & Research Name, Pune-411 041





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Date: 23/07/22

All Students of Final Year Civil Engineering are hereby informed allocation list is displayed on department notice board. Meet your respective the project topic at the earliest.

Grievances if any regarding the same will be entertained until 05.00 pm, 25/07/22.

Mr. P. K. Nawale

Project Coordinator
Dept of Civil Engineering
7ES's Zeal College of
E. pineering & Research
Narhe, Pune-411 041

Dr. G. S. Anaokar HOD

Dept of Civil Engineering ZES's Zeal College of Engineering & Research Narhe, Pune-411 041







RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Notice

Department:Civil

Semester:I

AcademicYear:2022-2023

Class: BE

Date:27/07/2022

All Students of Final Year Civil Engineering are here by informed that, Project stage-I Review-I of B.E. Project is scheduled from 4/8/2022 to 6/8/2022

# The project review presentation should contain following points:

- Introduction of the topic
- Its relevance to civil engineering
- Need for the study
- Problem Statement
- Aims and Objectives
- · Limitations of study
- The assessment will be based on following points for marking:
  - o Rubric 1: Feasibility (10marks)
  - o Rubric 2: Social Impact (10marks)
  - o Rubric 3: Productability (10marks)
  - o Rubric 4: Literature Support (10marks)
  - o Rubric 5: Innovative Idea (5marks)

Note: The respective Project review panel will shortlist the best defended topic among the choices and will update the finalized project topic of their respective allotted groups.

Project Coordinator

Project Coordinator

Department of Civil Engineering
Zeal College of Engineering & Research
Narhe, Pune-411041

Academic Coordinator

Department of Civil Engineering Academic Coordinator

Department of Civil Engineering
Zeal College of Engineering & Research

Narhe Pune-411041

Department of Civil Engineering

Dept. of Civil Engineering ZES's Zeal College of Engineering & Research, Narhe, Pune-41.





Record No.: ZCOER-ACAD/R/25B

Revision: 00

Date:01/04/2021

## Schedule of Project Review

Department: Civil Class: B.E.

Semester: I Div: NA

Academic Year: 2022 - 2023

Date: 03/08/2022

The Project Review presentation is organized as given in schedule below. The Session Incharges will evaluate the session with Project Guide. Students are required to present their presentations in the sessions of their respective guides.

Session	Date	Time	Location	Session In-Charges	Name of Project Guides	Group No.
					Dr. P. P. Walvekar	CE2202
		11.30 -	CAD	1. Prof. A. R. Bansode	Prof. S. M. Mali	CE2211
1	04/08/22	12.30	Lab	2. Prof. S. M. Mali	Dr. P. P. Walvekar	CE2210
		12.50	Lau	2. FIOI. S. IVI. IVIAII	Prof. A. R. Bansode	CE2217
					Prof. S. M. Mali	CE2219
					Prof. S. D. Redekar	CE2205
2	0410000	12.30 -	CAD	1. Prof. S. D. Redekar	Dr. G. S. Anaokar	CE2206
2	04/08/22	01.30	Lab	2. Prof. A. R. Bansode	Prof. A. R. Bansode	CE2207
			Luo	2. Hot. A. R. Bailsoue	Dr. G. S. Anaokar	CE2208
					Prof. S. D. Redekar	CE2220
					Prof. A. V. Wakchaure	CE220
3	04/08/22	02.15 -	CAD	1. Prof. A. V. Wakchaure	Prof. P. K. Nawale	CE220
,	04/08/22	03.15	Lab	2. Prof. V. A. Chaudhari	Prof. S. D. Redekar	CE220
					Prof. A. V. Wakchaure	CE221
					Prof. A. A. Turate	CE220
					Prof. L. H. Havalagi	CE221
4	04/08/22	03.15 -	CAD	1. Prof. L. H. Havalagi	Prof. A. A. Turate	CE22
	01100122	04.15	Lab	2. Prof. S. M. Mali	Prof. U. U. Buch	CE22
				The state of the s	Prof. L. H. Havalagi	CE22
					Prof. U. U. Buch	CE22

Project Coordinator

Assistant Professor ZES Regineering
And Regineering
Narhe, Pune-41.

Head of the Department

HOD Dept. of Civil Engineering ZES' Zeal College of Engineering & Research Narha, Puna-411 041





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date: 01/04/2021

### Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Date: 03/08/22

### GENERAL INFORMATION AND CODE OF CONDUCT FOR PROJECT REVIEW - I

- 1. Students should follow formal dress code for the Project Review along with college ID.
- 2. It is not mandatory to make a Project Review Report for this review.
- 3. Students should carry power point presentation (as per design template provided earlier) with them in soft copy on e-mail and in pen drive.
- 4. Students should carry Project Diary completed in all respect with signature of Guide in it.
- 5. Students should report to the venue in advance of the scheduled time. The venue will be CAD lab for this review.
- 6. All Project reviews will be conducted on 4/8/22, 11.30 am onwards.
- 7. It is duty of every project group to invite your project guide for the project review. No presentation will be accepted in absence of guide and absentee of that group will be noted.
- 8. A review panel has been formed to check and verify the feasibility of the project in all
- 9. Repeat presentations with corrections suggested by review panel will be conducted on 5/8/22 and 6/8/22. For repeat presentations, schedule will be as per the convenience of review panel members and it will be duty of that particular group to contact and request the reviewers to
- 10. It is mandatory to make all necessary corrections and improvements / modifications suggested by review panel members and project coordinator. If the review panel / project coordinator is not convinced with your presentation, the review panel and/or project coordinator may reject or suggest modifications for the said project.
- 11. If the review panel is convinced and recommends approval of project to project coordinator, then the project coordinator may after consulting the project guide, will have the authority to either accept or reject or accept after modifications, the submitted project.
- 12. Attendance of every Project member for Project review is mandatory.
- 13. Language of communication for Project Review will be English.

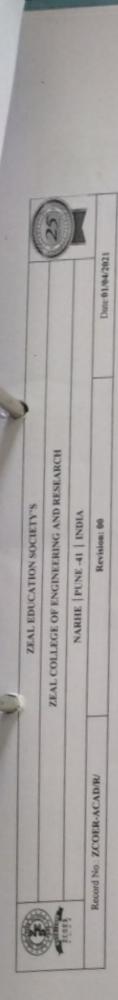
14. Time allotted for each group is 15 mins including 05 mins Q & A session.

Mr. P. K. Nawale Project Coordinator Assistant Professor

Dept of Civil Engineering ZES's 7. Pollege of Engineering arch, Narhe, Pune-41

Anaokar HOD

Dept. of Civil Engineering ZES Zeal College of Engineering & Research Narhe, Pune-411 041



Project Topic Finalization List

Date:

Academic Year: 2022-23

Semester: 1

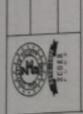
Project Group	Roll Number	Names of the	Proposed Three Project Titles	Feasibility	Social Impact Productability	Productabilit y	Sponsored/ Noa Sponsered	Literature Support	Innovative Idea	Total Marks
				10	10	10	8	10	8	95
	B111001	Akhade Atharvaraj Naresh	Partial Replacement of Cement and River sand by GGBS & Copper Slag Sand	٠	*	~	0	-	20	=
	B111062	Santdarshan Suresh Gurav	EFFECTIVENESS OF QUALITY ASSURANCE STRATEGIES IN PROJECT							
CE2201	B111060	Rathod Saurabh Rajkumar	EXECUTION (A STUDY OF ROAD CONSTRUCTION PROJECTS IN OWERRI)	-	*	∞	0	•	•	×
	B111069	Suravase Suraj Rajendra	MECHANICAL PROPERTIES OF COR PIBRE REINFORCED CEMENT COMPOSITES		*	∞	0	•		*
Remark ( R	Remark (Rejected/ Accepted/If accepted then Mention	occepted then Mention	n Partial Replacement of Cement and River sand by GGBS & Copper Slag Sand	ient and River	sand by GGBS	& Copper Sla	g Sand	-	-	
Project	Project Category (Sponsored/ Non-Sponsored)	d/ Non-Sponsered)	Non-Sponsered	9	0					
	1			13	2	-		1	4	1

Project- Review Panel Head

\* Research, Name, Pune-4 S's Zeal College of Engine

Dept. of Civil Engineer Assistant Professo

Dept. of Civil Engineering ZES' Zeal College of Engineering & Research Narhe, Pune-411 041



Record No.: ZCOER-ACAD/R/

# ZEAL EDUCATION SOCIETY'S

# ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE | PUNE -41 | INDIA

Revision: 00

Date 91/04/2021

Semester: 1

Academic Year: 2022-23

Date:

# Project Topic Finalization List

Project Group	Doll Number	Names of the	Promosed Three Project Titles	Feasibility	Social Impact	Social Impact Productability	Sponsored/ Non Sponsered	Literature Support	Innovative	Total Marks
No.		student		10	10	10	v:	10	8	8
		1	FERRO CEMENT FOR LOW COST ROOFING	0	7	*	0	7	-	×
	B111012	Deshmukh 1 cjraj Bholanath	Assessment of mechanical characteristics of fly ash,	7	0.	5	0	7	9	38
CE2202			one part geopolymer concrete							
	B111018	Ghone Gitanjali Mahesh	USE OF DIFFERENT ORGANIC WASTES FOR PRODUCTION OF BIO GAS	60	9	9	0	9	0	32
		-	a comment of mechanical characteristics of fly ash, microsilica and steel fibre based one part geopolymer concrete	teristics of fly as	th, microsilica and	steel fibre based	one part geopo	dymer concrete		
Remark ( R	Remark ( Rejected/ Accepted/If accepted then Mention	spired then Mention	Assessment of market							
Project	Project Category ( Sponsored/ Non-Sponsored)	(on-Sponsered)	Non-Sponsered							1

Project- Review Panel Head

Dept. of Civil Engineering ZES's Zeal College of Engineering & Research, Narhe, Pune-41. Assistant Professor



ZES's Zeal College of ""geneering & Research, Marrie, ruise-41. Dept. of Civit Engineering Assistant Professor

Dept. of Civil Engineering ZES' Zeal-College of Engineering & Research Narhe, Pune-411 041

# ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE | PUNE -41 | INDIA Revision: 00 Record No.: ZCOER-ACAD/R/

Semester: I

Academic Year: 2022-23

Project Topic Finalization List

Dates

Date: 01/04/2021

						-	The second			ı
roject Group	Doll Number	Names of the	Proposed Three Project Titles	Feasibility	Social Impact	Productability	Sponsored/ Non Sponsered	Literature Support	Innovative	Total
No.		student		10	10	10	*	10	8	99
			The second second second							
	B111058	Pote Abhijeet Ramesh	STUDY ON STRENGTH BEHAVIOUR OF CONCRETE USING FOUNDRY DUST IN FINE AGGREGATE	-	۲	1	0	1	00	38
CE2203	B111050	Patil Harshada Vinod	DESIGN AND EVALUATION OF HIGH VOLUME FLYASH	-	90	**	0	9	6	35
	B111064	Shinde Sandeep	PAVEMENT OVERLAYS							
		- Commercial Commercia	-							
	B111028	Kakde Shivam Shahadev	To study the influence of stinca fume on strength and permeability of no-fines	0.	6	6	0	9	0	_
			CORPORATION	and the second of	d nermeability of	no-fines concrete				١
Remark ( Rejo	Remark ( Rejected/ Accepted/If accepted then Mention		To study the influence of silica fume on strength and pro-	nime out strength						
	Sponsored/ Non-Sponsered)		Non-Sponscred		1	-		-		
Department 1	THEORY I STATEMENT AND ADDRESS.									

Project Coordinator Assistant Professor

Dept. of Civil Engineering
ZES's Zeai College of Engineering
& Research, Narhe, Pune-41

Project- Review Panel Head

Dept of Civil Engineering ZES, Last Cottegs of Engineering & Research Narme. Pune-411 041

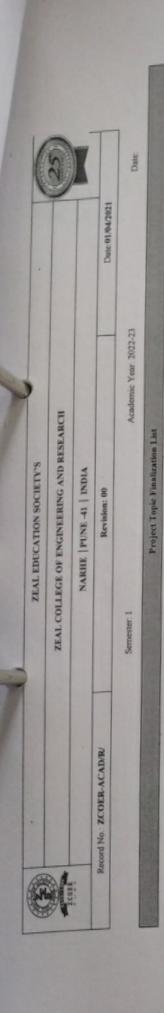
		(25)	I	Date 01/04/2021	Date	
	ZEAL EDUCATION SOCIETY'S	ZEAL COLLEGE OF ENGINEERING AND RESEARCH	NARHE   PUNE 41   INDIA	Revision: 00	Academic Year: 2022-23	Project Tonic Einstiantion List
7/	ZEAL EDUCA	ZEAL COLLEGE OF EN	NARHE   P		Semester: 1	Project
4			44	Record No.: ZCOER-ACAD/R/		

Project Group	Roll Number	Names of the student	Proposed Three Project Titles	Feasibility	Social Impact	Productability	Sponsored/ Non Sponsered	Literature Support	Innovative Idea	Total Marks
				10	10	10	10	10	8	8
	B111044	Mote Pranav Kisan	Study on Cold Formed Steel Built-up Column Under Axial Compression	0	7	90	0	80	**	9
	B111067	Shivam Satish Shendge	Investigation on Flexural	٥	7	-	0	o	7	28
CE2204	B111079	Waghmare Sarvadeep Sanjay	Built-up Sigma Beam							
	B111040	Lokare Tushar Baban	Feasibility Performance of Nano-Silica to improve performance of Recycled	٠	٥	0	0			4
	B111008	Chavan Mahesh Namdeo	Aggregate Concrete							
Remark (	Remark ( Rejected/ Accepted/If accepted then Mention		Feasibility Performance of Nano-Silica to improve performance of Recycled Aggregate Concrete	ano-Silica to imp	rove performance	e of Recycled Aggre	gate Concrete			
Project	Project Category ( Sponsored/ Non-Sponsered)		Non-Sponsered							

Assistant Professor
Dept. of Civil Engineering
RES's Zeal College Chaine all

Project- Review Panel Head

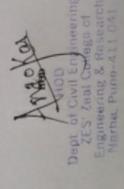
Assistant Professor
Dept. of Civil Engineering
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

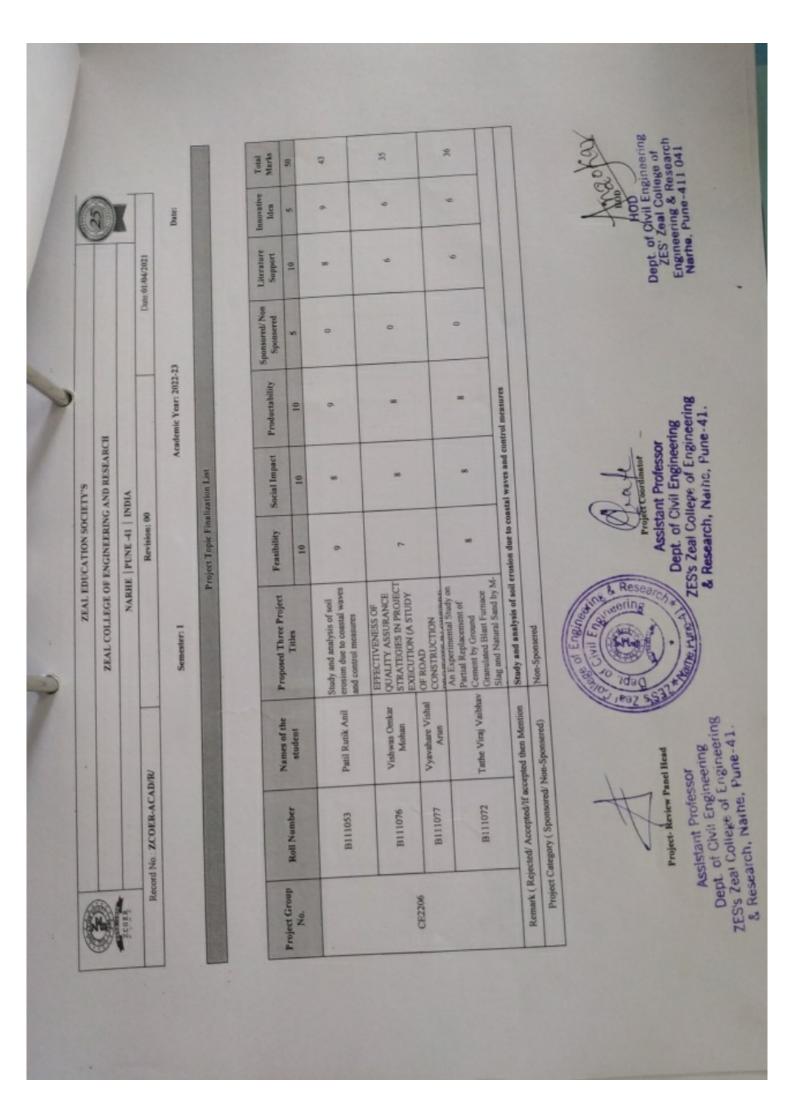


Project Group		Roll Number Names of the student	Proposed Three Project	Feasibility	Social Impact	Productability	Sponsored/Non- Sponsored	Literature Support	Innovative Idea Tetal Marks	Total Marks
				10	10	10	×5	10	100	65
	B111065	Shinde Soham Ajay	Experimental Investigation on Structural Behaviour of Ferrocement Slab	•	7	*	0	-	-	9
	B111048	Parab Navin Naresh	Behaviour of Cold Formed	4						
CE2205	B111021	Gondal Vikram Vinod	Various Edge Stiffener	<b>-</b>		-	0	•	1	8
	B111075	Veer Ashish Pandurang	Particulate matter monitoring with low cost							
	B111030	Kamble Pranali Maruti	construction sector in Pune	. 9		•	0		-	4
Remark ( R	Rejected/ Accepted/It	Remark ( Rejected/ Accepted/If accepted then Mention	Particulate matter monitoring with low cost dust sensors and exposure assesment for metro construction sector in Pune	oring with low cost	dust sensors and er	sposure assesment	for metro constru	ction sector in P	nne	-
Project	Category (Sponsor	Project Category ( Sponsored/ Non-Sponsered)	Non-Sponsered							



Dept. of Civil Professor ES's Zear Collection





ZEAL EDUCATION SOCIETY'S

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE | PUNE 41 | INDIA

Revision: 90

Record No. ZCOER-ACAD/R

Date 91/94/2021

Academic Year; 2023-23

Project Topic Finalization List

Project Group No.	Roll Number	Names of the student	Proposed Three Project Titles	Franbilley	Social Impact	Productability	Spensered/Nan Spensered	Literature Support	Innerative Mea	Total Marks
				16	10	10	8	10	8	25
	8111042	Maideo Kedar Ranganath	Experimental Study on Artificial Aggregate with Natural Adminture	1	,	4	0	-	*	H
	8111023	Hodlurkar Vallabh Umeshrao	Forecasting of various air noththants uning different	•	-	•	0	-	•	2
CE2207	B111046	Nadge Athanya Rahul								
	8111055	Patil Tanmay Hanamant	Experimental Study on Effect of Scient Furne in Conventional	-	-		0		۰	R
	8111013	Devkate Abhishek Tanaji	Concrete Using M-Sand							
Remark ( Reje	Remark ( Rejected' Accepted/If accepted then Mention	spind then Mention	Furecasting of various air pollutants using different algorithms of ANN	ants using different algo-	ithms of ANN					
Project C	Project Casegory ( Sponsored' Non-Sponsored)	ion-Sponsentd)	Non-Sponsered							

Engineering & Research Narhe, Pune-411 041

ZES's Zeat College of Engineering & Research, Name, Pune-41.

Assistant Professor



ZEAL EDUCATION SOCIETY'S

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE | PUNE 41 | INDIA

Record No : ZCOER-ACAD/R/

Revision: 00

Date #1/04/2021

Semester: 1

Academic Year: 2022-23

Project Topic Finalization List

Project Group	Roll Number	Names of the student	Proposed Three Project Titles	Feasibility	Social Impact	Productability	Social Impact Productability Sponsored/Non Literature Innovative Sponsored Support Idea	Literature Support	Innovative Idea	Total
				10	10	10	w	10	80	80
	B111031	Karale Mohan Shivaji	Experimental Investigation on Pvc Confined Circular Reinforced Concrete Column	90	<b>oc</b>	90	0			8
	B111003	Bathe Prasad Nana	Self Compacting Concrete using							:
CE2209	B111049	Patil Bhagyashri Vijay	Silica Flume, GGBS & Sugarcane Bagasse Ash	6	6	o.	0	о.	on .	45
	B111010	Dalvi Rushikesh Indrajeet	Study Of enhancement of load Carrying Capacity in Soft Clay Soil Using Sand Pile	66	∞	90	0	9	9	36
Remark ( Reje	cted/ Accepted/If ac	ccepted then Mention	Remark ( Rejected/ Accepted/If accepted then Mention Self Compacting Concrete using Silica Flume, GGBS & Sugarcane Bagasse Ash	Silica Flume, (	GBS & Sugarca	ne Bagasse Ash				
Project Ca	Project Category ( Sponsored/ Non-Sponsored)	/ Non-Sponsered)	Non-Sponsered							

Project-Review Panel Head

Dept. of Civil Engineering ZES's Zeal College of Engineering & Research, Name, Pune-41. Assistant Professor

ZES's Zeal College of Engineering & Research, Narhe, Pune-41. Dept. of Civil Engineering Assistant Professor

Engineering & Research Narthe, Pune-411 041



# ZEAL COLLEGE OF ENGINEERING AND RESEARCH ZEAL EDUCATION SOCIETY'S NARHE | PUNE -41 | INDIA

Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

# Project Stage - I (Review) Attendance

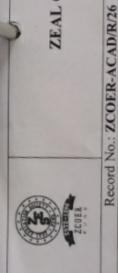
Department: Civil

Semester: I

Class: B.E.

Project Group	Roll	Names of the student	Project	Review - I	Review - II	Review - III	Review - W
	B111001	AkhadeAtharvaraj Naresh	Culluc	de 2	77160177	4.1	4.10
CE2201	B111062	Santdarshan Suresh Gurav	Prof. A. V.	Sandahde	· C(CIM-	trate -	Sugar.
	B111060	Rethod Saurabh Rajkumar	Wakchaure	A Jump	- The state of the	25000	
	B111069	SuravaseSurajRajendra		- James	- throng	- Tring	
	B111002	BanaraseShubham Arvind			AL AL		No.
CE2202	B111044	B111044 Mote Pranav Kisan	Dr. P. P.	TOBHIE.	Ah		
	B111012	B111012 DeshmukhTejrajBholanath	Walvekar	Against .	Alleria.	in de	1300
	B1111018	GhoneGitanjali Mahesh		Company of the Compan	The second second		1000
	B111058	PoteAbhijeet Ramesh		Juliat	Strict of		
CE2203		B111050 PatilHarshada Vinod	Prof. P. K.	(cesthodo	Amelitrado	Prothado	2 meshed a
	-	B111064 Shinde Sandeep Chandrakant	Nawale	Church	Phinas	Stand	Olled
	B111028	KakdeShivamShahadev				ca.	· · · · · · · · · · · · · · · · · · ·
	B111067	Shivam Satish Shendge		-my	S. S	Carl Carl	AN ANA
CE2204	4 B111079	WaghmareSarvadeep Sanjay	Turate	August 1	- Common	Name of the last o	The same
	B11104	B111040 LokareTusharBaban	25	German	Charles of the same	Course of	Server de

### Son Samuel Date: 01/04/2021 Girne Dante ZEAL COLLEGE OF ENGINEERING AND RESEARCH Phalm She don't June 1 day B ZEAL EDUCATION SOCIETY'S NARHE | PUNE -41 | INDIA March Banne Carles Al 書 Phala Revision: 00 Brown 8 Anaokar Dr. G. S. Bansode Anaokar Prof. S. D. Redekar Vakharia Darshan Satishkumar, B111074 | Vatari Kaushal Nandkumar KhemnarRavindraMaruti Devkate Abhishek Tanaji B111031 Karale Mohan Shivaji MaideoKedarRanganath B111055 PatilTanmayHanumant Vyavahare Vishal Arun Record No.: ZCOER-ACAD/R/26 B111076 VishwasOmkar Mohan Chavan Mahesh Namdeo Veer Ashish Pandurang NachanDivya Satish NadgeAtharva Rahul B111030 KamblePranaliMaruti GondalVikram Vinod B111072 | TatheVirajVaibhav ParabNavin Naresh ShindeSoham Ajay PatilRutik Anil B111035 B111073 B111045 B111013 B111046 B111042 B111077 B111053 B111075 B111008 B111021 B111048 B111065 CE2209 CE2208 CE2207 CE2206 CE2205



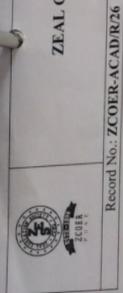
# ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA



Date: 01/04/2021

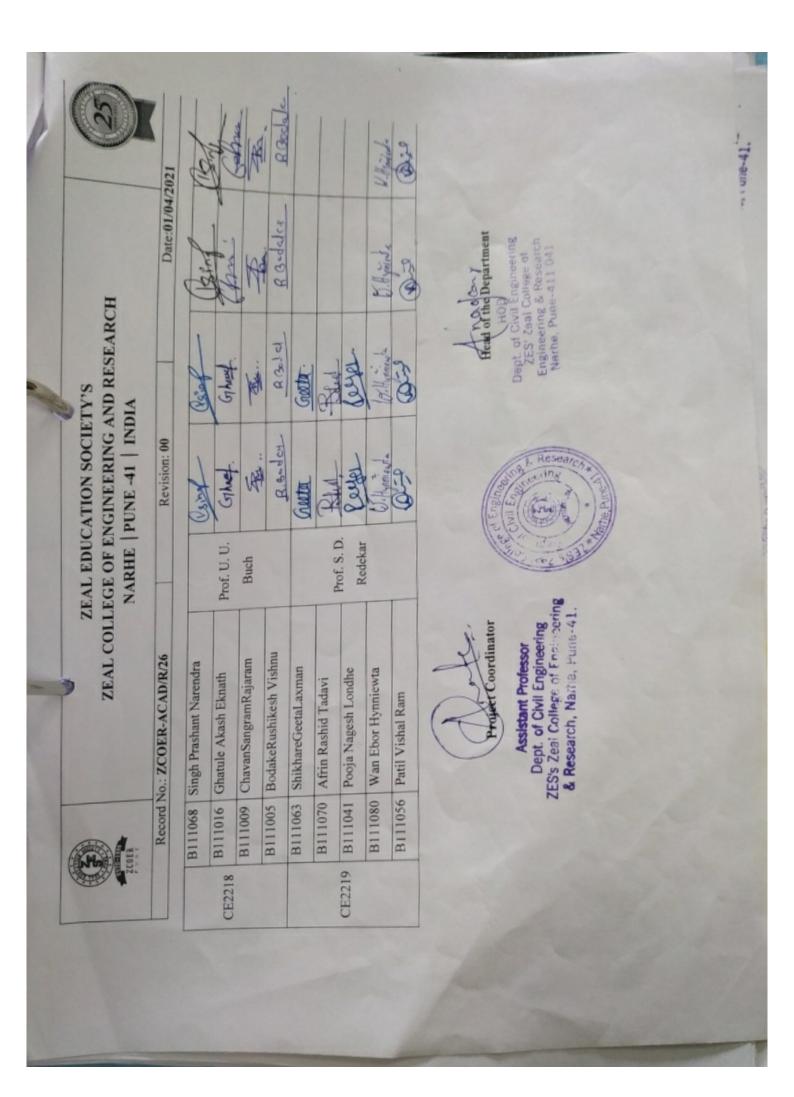
Revision: 00

B111019   PatilBhagyashri Vijay   Redekar   Sedukar		B111003	Bathe Prasad Nana	Prof. S. D.		Ab		
B111034   Charvadsarthakkuldeep   Walvekar   Dr. P. P.   Charvadsarthakkuldeep		B111049	PatilBhagyashri Vijay	Redekar	Antil.	Modify	antil.	Cot.
B111022   Gonge Gaurav Shankar   Dr. P. P.   Prof. S. A.   B111034   Khan Noman Kadir   Dr. P. P.   Prof. S. A.   B111034   Khan Noman Kadir   Dr. P. P.   Prof. S. A.   B111039   Chareshakkeraba   B111036   JayabhayePrachiVithal   Khaleel   John More TaneshKashinath   Prof. S. A.   B111043   More TaneshKashinath   Prof. A. V.   Early   B111057   Pawar ShrenikBapu   B111057   Pawar ShrenikBapu   Prof. L. H.   Prof. L.		B111010	-		03.00	A Contraction	- Letter	Sign /
B111022         Gonge Gaurav Shankar         Dr. P. P.         Malvekar         Malvekar<		B111038	Lohokare Abhishek Sanjay		Brake -	- HENDE	Michael	STATE OF DE
B111037 CharwadSarthakKuldeep Walvekar D. L. L. T. M. L.		B111022	Gonge Gaurav Shankar	6	Care Contract	Sand D.	Loss	Stage
B111039 LokareSnehaKeraba  B111019 GhudePrajaktaManoj  B111010 GhudePrajaktaManoj  B111020 JayabhayePrachiVitthal  B111047 Neve Nandini Sunil  B111047 Neve Nandini Sunil  B111043 More TaneshKashinath  B111043 More TaneshKashinath  B111051 PatilMahadevNive of Elgy  B111051 PatilMahadevNive of Elgy  B111052 PatilNalin Sunkh of Elgy  B111053 Kendre Prasillalin Sunkh of Elgy  B111054 Patillalin Sunkh of Elgy  B111055 Patillalin Sunkh of Elg	CE2210	-	CharwadSarthakKuldeep	Walnebar	de	A	H	A
B111039 LokareSnehaKeraba  B111019 GhudePrajaktaManoj B111026 JayabhayePrachiVitthal B111036 JayabhayePrachiVitthal B111036 RaskarDipaliDilip B11104 RaskarDipaliDilip B111004 BelureRushikeshKashinath B111004 BelureRushikeshKashinath B111001 Darkunde Gaurav Uddhav B111001 PatilMahadevNive of tigether B111052 PatilMahadevNive of tigether B111053 Kendre Prashlot of tigether B111033 Kendre Prashlot of tigether B111031 Kendre Of tigether B111031 Kendre Prashlot o		B111034	Khan Noman Kadir	Walveral	10.16.10m	W.K.Ym	1	
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# ZEAL COLLEGE OF ENGINEERING AND RESEARCH ZEAL EDUCATION SOCIETY'S NARHE | PUNE -41 | INDIA

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Research		Total Marks (50)	39	39	140	38	der S	a Resort
Department of Civil Engineering Beproject Sheet (Review No. 1) Shertods to improve Pertormance of Recy Guide Name: A. A. T. M. & A.	er 1)	Documentation (5)	4	4	4	4	Oche	Assistant Professor Pe Dept. Or Civil Engineering & Research, Name, Pune-41.
Partment of BEProject Shee to improve me: A.A.T.	Distribution (Reviewer 1)	Presentationion (01)	7	7	8	7	अं है अव्योद्धे विकास	Assistant Pot. Or College Coll
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N to Rp		Regularity (15)	5-	13	5	re 12	59613	1 Sign:
Academic Year: 2022-23 Project Title: Feasibility Stur		Name of Student	Mahesh N. Chwan	Tushar B. Lekare	Stivum S. Shenaye	Sarvodeep S. Inaghmine	Add references; b	Name and Sign: Reviewer Panel Member:  1. A. A. Turck  Handbag: 2.





Record No.: ZCOER-ACAD/R/26A Revision: 99

ision: 00 Date:01/04/2021

Allocation of Project Topic

Department: Civil

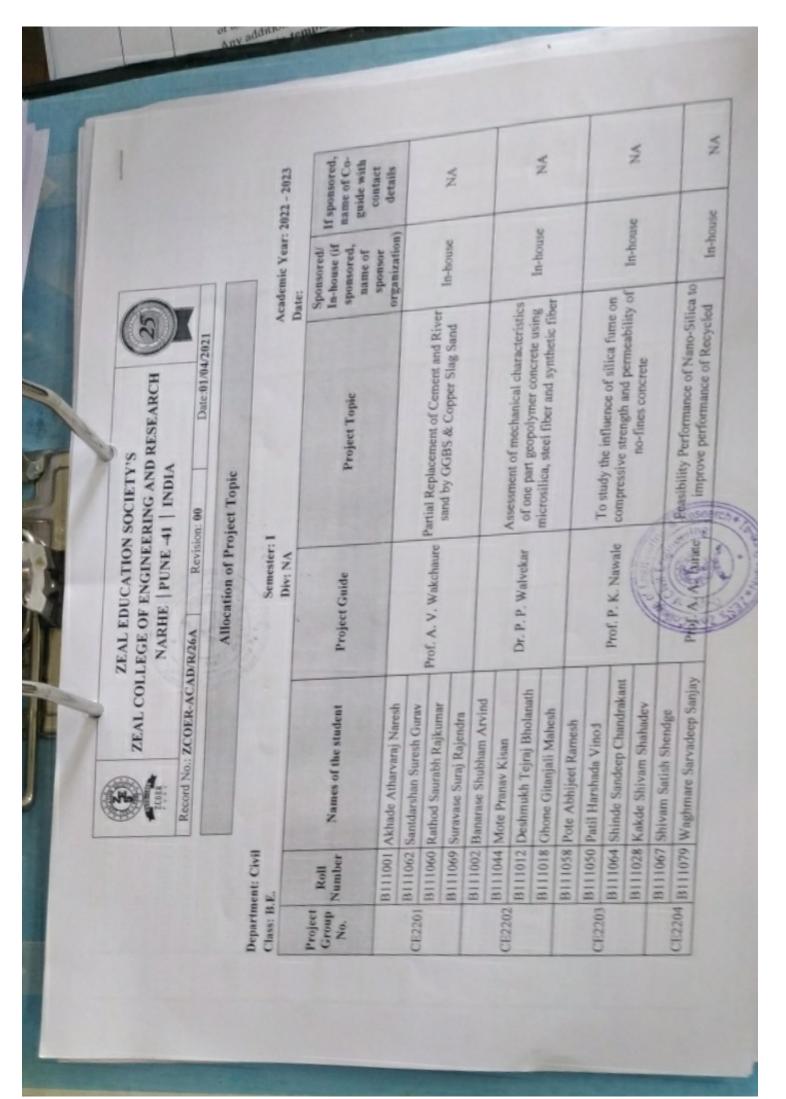
Semester: I Div: NA

Class: B.E.	6.E.		Div: NA		Academic Year: 2022 - 2023 Date:	: 2022 - 2023
Project Group No.	Roll	Names of the student	Project Guide	Project Topic	Sponsored/ In-house (if sponsored, name of sponsor organization)	If sponsored, name of Co- guide with contact details
	B111001	B111001 Akhade Atharvaraj Naresh				
CE2201		B111062 Santdarshan Suresh Gurav	Park A William	Partial Replacement of Cement and River		,
CEZZOI		B111060 Rathod Saurabh Rajkumar	Prof. A. v. waxchaure	sand by GGBS & Copper Slag Sand	In-house	NA
	B111069	B111069 Suravase Suraj Rajendra				
	B111002	B111002 Banarase Shubham Arvind				
00000		B111044 Mote Pranav Kisan	Dr D D Walvekar	Assessment of mechanical characteristics of one part oconolymer concrete using	In-house	NA
CE7707		B111012 Deshmukh Tejraj Bholanath		microsilica, steel fiber and synthetic fiber		
	B1111018	B111018 Ghone Gitanjali Mahesh				
	B111058	B111058 Pote Abhijeet Ramesh		To study the influence of silica fume on		
-		B111050 Patil Harshada Vinod	Prof. P. K. Manuale	compressive strength and permeability of	In-house	NA
CE2203		B111064 Shinde Sandeep Chandrakant	181	no-fines concrete		
	B111028	B111028 Kakde Shivam Shahadev	300	Company Silica to		
	B111067	B111067 Shivam Satish Shendge	idə idə ivə ivə idə	A morrow performance of Recycled	In-house	NA
CE2204	B111079	CE2204 B111079 Waghmare Sarvadeep Sanjay	The state of the s	arde		
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Aggregate Concrete			Md roll Sensor for PM	Monitoring at Urban Construction Sector				Coastal Erosion: Study - analysis and	Remedial Measures			Forecasting of NO2 concentration by	Artificial Neural Network			Feasibility study of banana stem as	adsorcent medium in the treatment of			Self-Compacting Concrete with	Silica Flume & Bagasse Ash	47	in a	destacterizing enatial and termooral	parties of open burning of municipal	solid waste		6
				Prof. S. D. Redekar					Dr. C. S. Anaokar			Deef A D Descenda	rroi. A. K. Dalisouc			De C C American	Dr. Cr. S. Allaokar			Dank C D Dad Alle	Too. S. D. Karana	STATE OF THE PARTY		がある	Dr. P. P. Walvekar			4
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	Prediction of Cost Over run using ANN	Application of ANN for soil classification of regional soil	Dept. o. ZESS Zeel Change and Part of The	
	Prof. U. U. Buch	Prof. S. D. Redekar		
B111037 Lad Rakesh Rajendra B111071 Tapase Vinay Anand B111068 Singh Prashant Naronder	CE2218 B111009 Chavan Sangram Rajaram B111005 Bodake Rushikesh Vishnu	CE2219 B111070 Afrin Rashid Tadavi B111080 Wan Ebor Hynniewta B111086 Patil Vishal Ram	Project Coordinator	

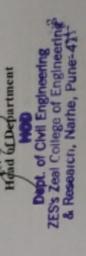


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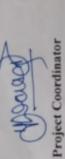
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CE2211	_	Mandial Soul	Prof. S. M. Khaleel	base isotaca, different types of	vot   In-house	/ 01
	B11104/	BILLO4/ Neve Nandim Sum			-	
	B111059	B111059 Raskar Dipali Dilip			1	VAD CIVIL
	B111043	B111043 More Tanesh Kashinath	S	Continued Bleatth Monitoring Using Non-	-	Engineering
0.00	_	B111004 Belure Rushikesh Kashinath	Prof. A. V. Wakchaure	Destructive Test and Retrofitting of Old	Sponsored	Services
CE2212	_	B111011 Darkunde Gaurav Uddhav		Structure		9595146969
	B111057	B111057 Pawar Shrenik Bapu				
	B111051	B111051 Patil Mahadev Nivrutti				
	B111052	B111052 Patil Nalin Suresh	-	and the same of th	In-house	NA
CE2213	B111033	B111033 Kendre Prashant Dayanand	Prof. L. A. Havalagi	Investigations of Urban road capacity		
	B111015	B111015 Gawade Rohit Zunjar				
	B111081	B111081 Ware Shubham Baburao				
	B111032	B111032 Karle Rushikesh Vilas		Parametric Study of Concrete Mix		
-	_	B111025 Jagtap Rushikesh Rajendra	Prof. A. A. Turate	Design (M20 and M30) using 100%	In-house	NA
CE2214	_	B111017 Ghige Jivan Shripati		consideration		
	B111024	B111024 Ingale Poonam Maruti				
	B111054	B111054 Satish Patil				
		B111078 Sanket Waghmare	Prof. U. U. Buch	Construction of a Low cost House using	In-house	NA
CE2215		B111027 Asmit Kadam		Lumpan ones come ones		
	B111014	B111014 Gavit Puja Namvant				
	B111029	B111029 Kale Aniket Ramchandra				
	B111061	Sable Bhupesh Kanhaiyalal	Prof. L. A. Havalagi	Development of Accident Prediction Model Hsing ANN	In-house	NA
CE2216		B111006 Borse Suyash Yashwant		discount of the same of the sa		
	B111020	B111020 Ghuge Saurabh Panjabrao	Kinghas			
	B111066	B111066 Shinde Suraj Ananda	The Country of the Co	of waste plastic bottle thread in	In-house	NA
CE2217	B111036	B111036 Kolckar Sourabh Shahaji	Prof. A. B. Pariste	concrete block		
	B111023	B111023 Hodlurkar Vallabh Umeshrao	100 100	tan	1	1

	B111037	B111037 Lad Rakesh Rajendra				
	B111071	B111071 Tapase Vinay Anand	10			
	B111068	B111068 Singh Prashant Narendra				
01000	B1111016	B111016 Ghatule Akash Eknath	Park III Day	Parallering of Cost Ouer run meins ANN	In-house	NA
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	B111063	B111063 Shikhare Geeta Laxman				
	B111070	B111070 Afrin Rashid Tadavi		A mariantime of ANN few conf		Dr. Dalvi
E2219	B111041	CE2219 B111041 Pooja Nagesh Londhe	Prof. S. D. Redekar	classification of regional soil	In-house	Madam 9552525890
	B111080	B111080 Wan Ebor Hynniewta				
	B111056	B111056 Patil Vishal Ram				











RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

#### Notice

Department : Civil

Semester: I

AcademicYear:2022-2023

Class: BE

Date:22/09/2022

All Students of Final Year Civil Engineering are here by informed that, Project stage- I, Review- II of B.E. Project is scheduled as follows:

Venue	ReportingTime	Date	Group		
		26/09/22	CE2211 to CE221		
CADLab	09:15 AM	27/09/22	CE2201 to CE2210		

### The project review presentation shall contain following points:

- Introduction of the topic, its relevance to civil engineering, need for the study, aims and objective, limitations.
- Literature review from reference books, journals, conference proceedings, publishedreports / articles / documents with conclusion. The literature review should be from published literature in the last five years.
- Problem statement and methodology
- Theoretical contents related to the chosen topic or case studies if applicable.
- Concluding remarks or summary.
- The assessment will be based on following points for marking:
  - Rubric 1: Regularity, which includes weekly communication with guide and prerequisites attained till evaluation.
  - Rubric 2: The best defined topic among the choices

Rubric 3: Literature review

Rubric 4: Summary of the project

Academic Coordinator

B.E Civil **Project Coordinator** 

Project Coordinator

Department of Civil Engineering Zeal College of Engineering & Research Narhe, Pune-411041

Department of Civil Engineering Academic Coordinator

Department of Civil Engineering Zeal College of Engineering & Research Narhe, Pune-411041

Department of Civil Engineering

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Dept. of Civil Engineering ZES's Zeal College of Engineering & Research, Narhe, Pune-41.





Record No.: ZCOER-ACAD/R/25B

Revision: 00

Date:01/04/2021

### Schedule of Project Review

Department: Civil Class: B.E. Semester: I Div: NA Academic Year: 2022 - 2023

Date: 22/09/2022

The review presentation for Project Stage - I is organized as per the schedule below. The Session In-charges will evaluate the session along with respective Project Guide.

Venue: CAD Lab

Note: Session In-charges should remain present for entire session. In case of any other emergency work, kindly provide alternate adjustment with the approval of HOD.

Date	Session	Time	Session In-Charges
Date	Session		Prof. S. A. Khaleel
	1	9.30 am -12.30 pm	Prof. A. V. Wakchaure
			Dr. G. S. Anaokar
26/09/22			Prof. S. D. Redekar
	2	1.30 am -04.30 pm	Prof. A. R. Bansode
		1.50	Dr. G. S. Anaokar
27/09/22			Prof. L. H. Havalagi
	3	9.30 am -12.30 pm	Prof. V. A. Chaudhari
		9.30 am 12.00 p	Dr. G. S. Anaokar
			Prof. U. U. Buch
	4	1.30 am -04.30 pm	Prof. A. V. Wakchaure
		1.50 and 0 1100 p	Dr. G. S. Anaokar
			Prof. A. R. Bansode
28/09/22	5	9.30 am -12.30 pm	Dr. G. S. Anaokar

Project Coordinator

Assistant Professor
Dept. of Civil Engineering
ZESS Year Codepar of Engineering

& Research, Name, Pune-41,

HOD Dept of Civil Engineering

ZES' Zeal College of Engineering & Research Narhe, Pune-411 041





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

#### Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Date: 22/09/22

# GENERAL INFORMATION AND CODE OF CONDUCT FOR PROJECT REVIEW - II

- Students should follow formal dress code for the Project Review along with college ID.
- 2. It is not mandatory to make a Project Review Report for this review.
- Students should carry power point presentation (as per design template provided earlier) with them in soft copy on e-mail and in pen drive.
- 4. Students should carry Project Diary completed in all respect with signature of Guide in
- Students should report to the venue in advance of the scheduled time.
- 6. It is responsibility of every project group to invite your project guide for the project review. No presentation will be accepted in absence of guide and absentee of that group will be noted.
- 7. A review panel has been formed to check and verify the feasibility and work progress of the project in all aspects.
- 8. Repeat presentations with corrections suggested by review panel will be conducted on 28/09/22. For repeat presentations, schedule will be as per the convenience of review panel members and it will be responsibility of that particular group to contact and request the reviewers to schedule repeat presentation.
- 9. It is mandatory to make all necessary corrections and improvements / modifications suggested by review panel members and project coordinator. If the review panel / project coordinator is not convinced with your presentation, the review panel and/or project coordinator may suggest modifications in project.
- 10. If the review panel is convinced and recommends approval of project to project coordinator, then the project coordinator may after consulting the project guide, will have the authority to either accept or reject or accept after modifications, the submitted project.
- 11. Attendance of every Project member for Project review is mandatory.
- 12. Language of communication for Project Review will be English.
- 13. Time allotted for each group is 15 mins including 05 mins Q & A session.

Project Coordinator

Assistant Professor Den Los Engineering thege of Engineering & Research, Narhe, Pune-41.

Dr. G. S. Anaokar

pt. of Civil Engineering ZES' Zeal College of Engineering & Re ..... Narhe, Pune-411 UM

7	Academic Year: 2022-23  BEProject Sheet (Review No: 2)  Beroject Title: Feosibility Study of Nano-material to improve Performance of Recycled Aggregate Concrete Date: 27/09/22  Guide Name: A.A. Turchte  Group No: CE2204	- mad-	Depar Depar BE eriol 44 de Name	Department of Civil BE Project Sheet (Revi) Octerial to improve Perfer Guide Name: A. A. Turchte	College of Engineering & Research Department of Civil Engineering BE Project Sheet (Review No. 2) Told to Improve Performance of Rec Name: A.A. Turchte	al College of Engineering & Research P  Department of Civil Engineering  BE Project Sheet (Review No. 2)  Heriod to improve Performance of Recycuide Name: A.A. Turcht	Se Secured Ag	gyregade roup No.	Concrete			
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Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

#### Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Class: BE

Div: NA

Date: 11/10/2022

All Students of Final Year Civil Engineering are hereby informed that, Third review of BE Project stage- I, is scheduled as follows:

Venue	Reporting Time	Date	Group		
		13/10/22	CE2201 to CE2210		
CAD Lab	09:30 AM	14/10/22			

# The project review presentation shall contain following points:

- The internal Assessment panel will verify the prerequisites of desired topic,
- Proper flow and aim of project will be advised
- Scope for providing sponsorship will be varified
- The assessment will be based on following points for marking:
  - Rubric 1: Regularity: (15 marks) which includes weakly communication with and prerequisites attained till evaluation.

Rubric 2: Literature review (10 marks)

Rubric 3: Presentation

Academic Coordinator

Department of Civil Engineering Academic Coordinator

Department of Civil Engineering Zeal College of Engineering & Research Narhe, Pune-411041

Department of Civil Engineering

HOD Dept. of Civil Engineering ZES' Zeal College of Engineering & Research Narhe, Pune-411 041

f Engineering & Rescuich, maine, Pune-41.

Assistant Professor

Dor

Project Coordinator

B.E Civil

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real College of Engileering of Arestal City

Academic Year: 2022-23

Academic Year: 2022-23

BE Project Sheet (Review No: 34)

BE Project Sheet (Review No: 34)

BE Project Sheet (Review No: 34)

BE Project Title: Ceasibility performance of Nano-silica To improve performance of Recycled Aggrigate concrete Project Title: Ceasibility performance of Nano-silica To improve performance of Recycled Aggrigate concrete Guide Name: A.A. Turot Date: 14-10-22

-	Total Marks(50)	37	36	37	37			Head of Department Dr. G. Sylogekar Dr. G. Sylogekar Con College of Enginee Zeal College of Englesearch, Narhe, Pun
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	Name of Student		Johesh N. Chavan +	Rushan B. Lo kain +		Chivan S Haghmen	comments of Reviewer 1 Comments of Reviewer 1) Team woold find the specific	Name and Sign: Reviewer Panel Member: 1. J. Laloe - 8th 2. H. A. Adwlone - Ather





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

#### Notice

Department: Civil

Semester: I

Academic Year: 2022-2023

Class: BE

Div: NA

Date: 11/11/2022

All Students of Final Year Civil Engineering are hereby informed that, draft an abstract and presentation for defending the project domain and topic chosen. following is the schedule of Internal Assessment- IV for validation and verification of prerequisites required to select the shortlisted project domain and topic by the respective group.

Venue	Reporting Time	Date	Group
CAD Lab	00-20 434	15/11/22	CE2201 to CE2210
CAD Lab	09:30 AM	16/11/22	CE2211 to CE2219

### The project review presentation shall contain following points:

- The internal Assessment panel will verify the prerequisites of desired topic,
- Proper flow and aim of project will be advised
- Scope for providing sponsorship will be verified
- The assessment will be based on following points for marking:
  - Rubric 1: Introduction of Topic
  - > Rubric 2: Aim of the Project
  - Rubric 3: Objective of project

Rubric 4: Methodology proposed

oject Coordinator

Asr' Dept. o ZES's Zeal (...

B.E Civilor neering Engineering Research 19 ..... Pune-41

Academie Coordinator

Gadamic Coordinatoring Départment of Civil \* hgrneering Zeal College of Engineering & Research Narhe, Pune-411041

Head

Department of Civil Engineering
Dept. of Civil Engineering ZES' Zeal College of Engineering & Research Narhe, Pune-411 041

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Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

Notice

Semester: II

Academic Year; 2022-2023

Department: Civil

Date: 17/02/2023

Class: BE

Class: BE

All Students of Final Year Civil Engineering are hereby informed that, Project stage-II, Review- I of B.E. Project is scheduled as follows:

	Reporting Time	Date	Group
Venue	Kepaning		CE2201 to CE2210
	27.20 AM	02/03/23	
CAD Lab	07:30 AM	03/03/23	CE2211 to CE2219

Note - Students are informed to restart your work, finalize your action plan for semester II. Report to your respective project guide in between 20th to 23rd February 2023 and complete your review work.

# The project review presentation shall contain following points:

- Introduction of the topic, its relevance to civil engineering, need for the study, aims and objective, limitations.
- Literature review from reference books, journals, conference proceedings, published reports / articles / documents with conclusion. The literature review should be from published literature in the last five years.
- Problem statement and methodology
- Theoretical contents related to the chosen topic or case studies if applicable.

Progress of project work.

Plan for semester II

Concluding remarks or summar

References

The students must prepare power point presentation considering above points and present in presence of examiners through a viva-voce examination.

Project Coordinator

B.E Civil Shacering

Academic Coordinator

Zeal College of





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

Notice

Department: Civil

Semester: II

Academic Year: 2022-2023

Class: BE

Date: 17/02/2023

# GENERAL INFORMATION AND CODE OF CONDUCT FOR PROJECT REVIEW - I

- 1. Students should follow Uniform/formal dress code for the Project Review along with college ID.
- 2. It is not mandatory to make a Project Review Report for this review.
- Students should carry power point presentation (as per design template provided earlier) with them in soft copy on e-mail and in pen drive.
- 4. Students should carry Project Diary completed in all respect with signature of Guide in
- Students should report to the venue in advance of the scheduled time.
- 6. It is responsibility of every project group to invite your project guide for the project review. No presentation will be accepted in absence of guide and absentee of that group will be
- 7. A review panel has been formed to check and verify the feasibility and work progress of the project in all aspects.
- 8. Repeat presentations with corrections suggested by review panel will be conducted on 04/03/23. For repeat presentations, schedule will be as per the convenience of review panel members and it will be responsibility of that particular group to contact and requestthe reviewers to schedule repeat presentation.
- 9. It is mandatory to make all necessary corrections and improvements / modifications suggested by review panel members and project coordinator.
- 10. Attendance of every Project member for Project review is mandatory.
- 11. Language of communication for Project Review will be English.

12. Time allotted for each group is 15 mins including 05 mins Q & A session.

Project Coordinator

B.E Civil

Dept of Civil Engineering ZES's Zeal College of Engineering & Research Narhe, Pune-411 041

Academic Coordinator

Department of Civil Engineering

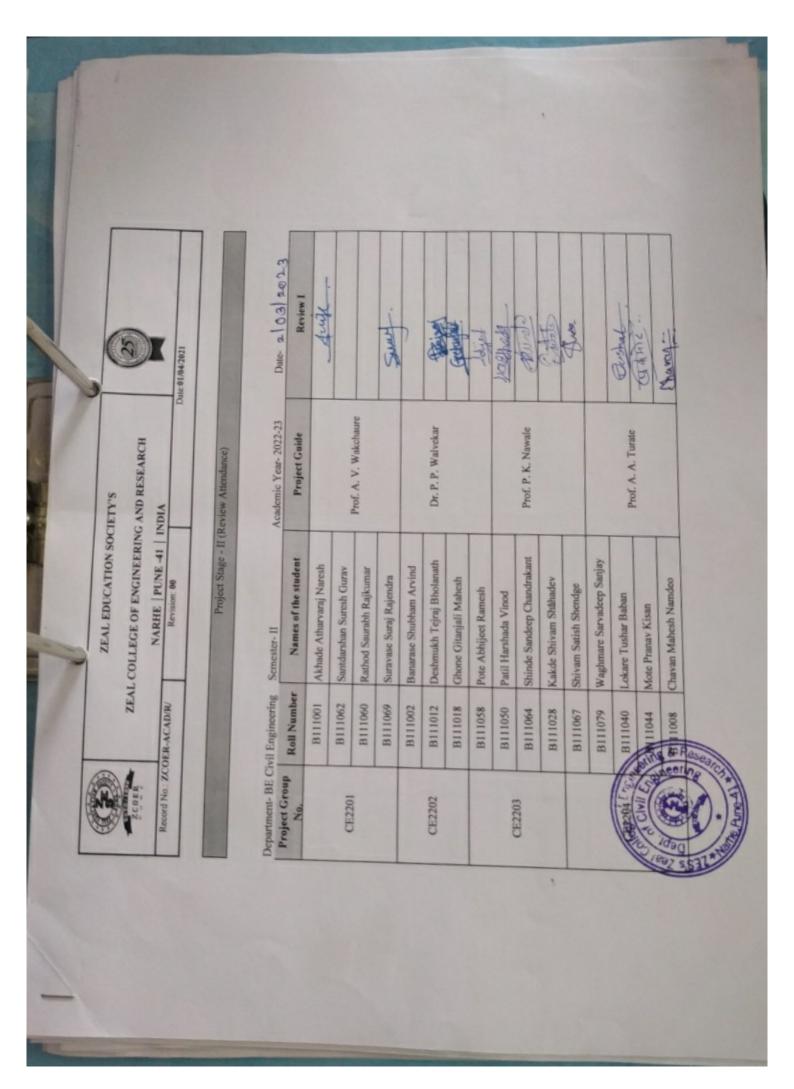
Academic Coordinator

Department of Civil Engineering Zeal College of Engineering & Research Narhe, Pune-411041

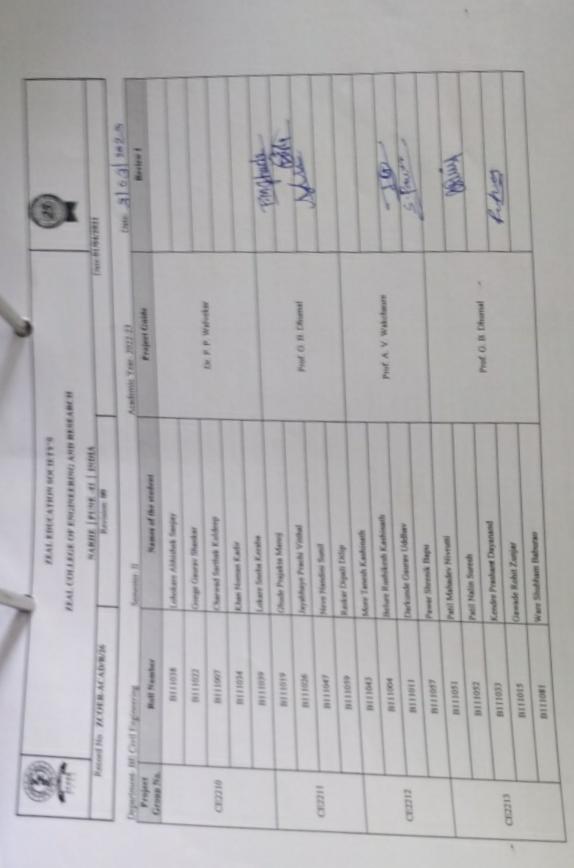
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Dept of Civil Engineering ZES's Zeal College of Engineering & Research Narhe, Pune-411 041

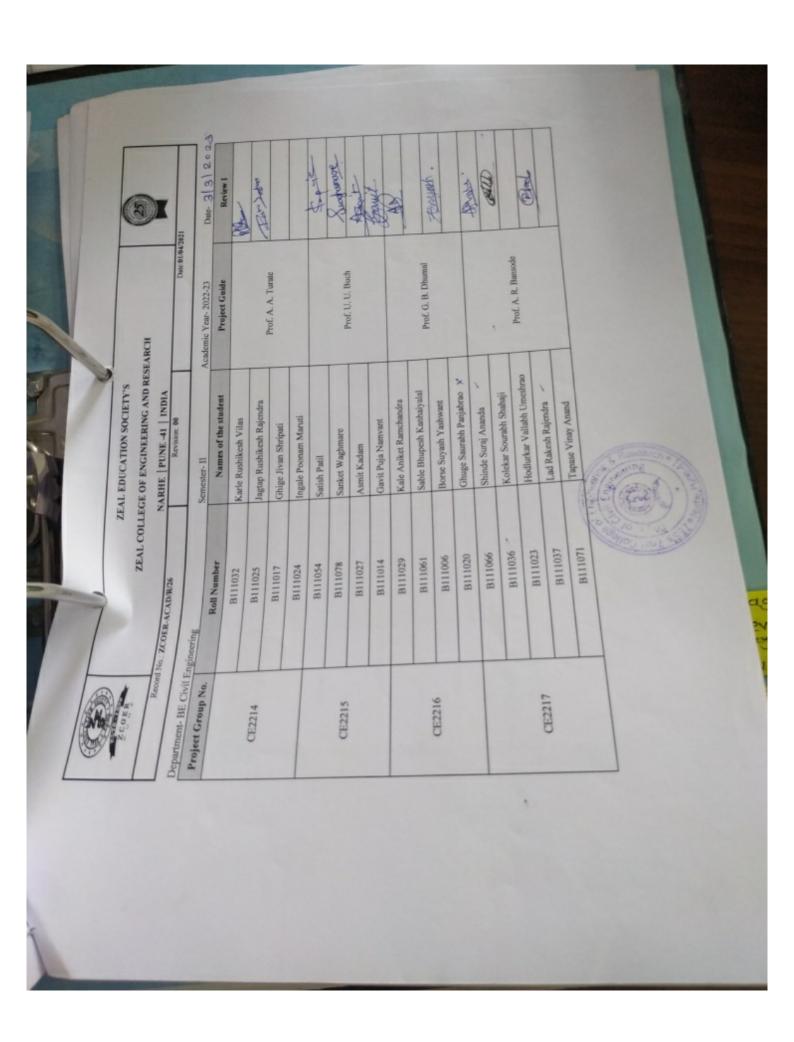
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RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

Notice

Semester: II

Academic Year:2022-2023

Department : Civil

Date: 29/03/2023

All Students of Final Year Civil Engineering are here by informed that, Project stage-II, Class: BE

Review- II of B.E. Project is scheduled as follows:

	ReportingTime	Date	
Venue	Reporting		CE2201 to CE221
		02/03/23	CE221
CADLab	07:30AM	03/03/23	CEZZIII

# The project review presentation shall contain following points:

- The Internal assessment panel will verify the prerequisites of desired topic,
- Proper flow and aim of project will be advised
- Scope for providing sponsorship will be verified The assessment will be based on improvement on comments from review- I on following points for marking:
  - Rubric 1 : Regularity (15 marks)
  - Rubric 2 : Literature survey (10marks)
  - Rubric 3: Prerequisite/Experimentation (10marks)
  - Rubric 4: Presentation (10marks)

Rubric 5 : Docum Blatter (05 marks)

oordinator

B.E Civil

Narhe, Pune-411041

Academic Coordinator

Department of Civil Engineering Department of Civil Engineering

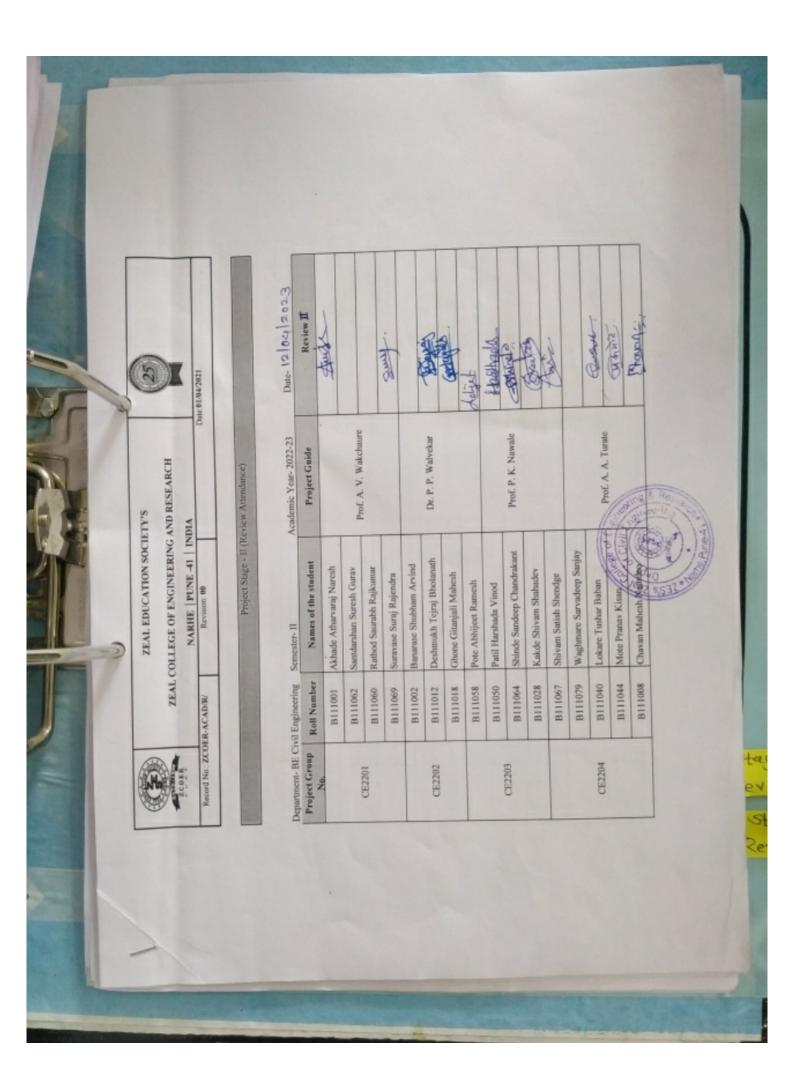
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Department of Civil Engineering

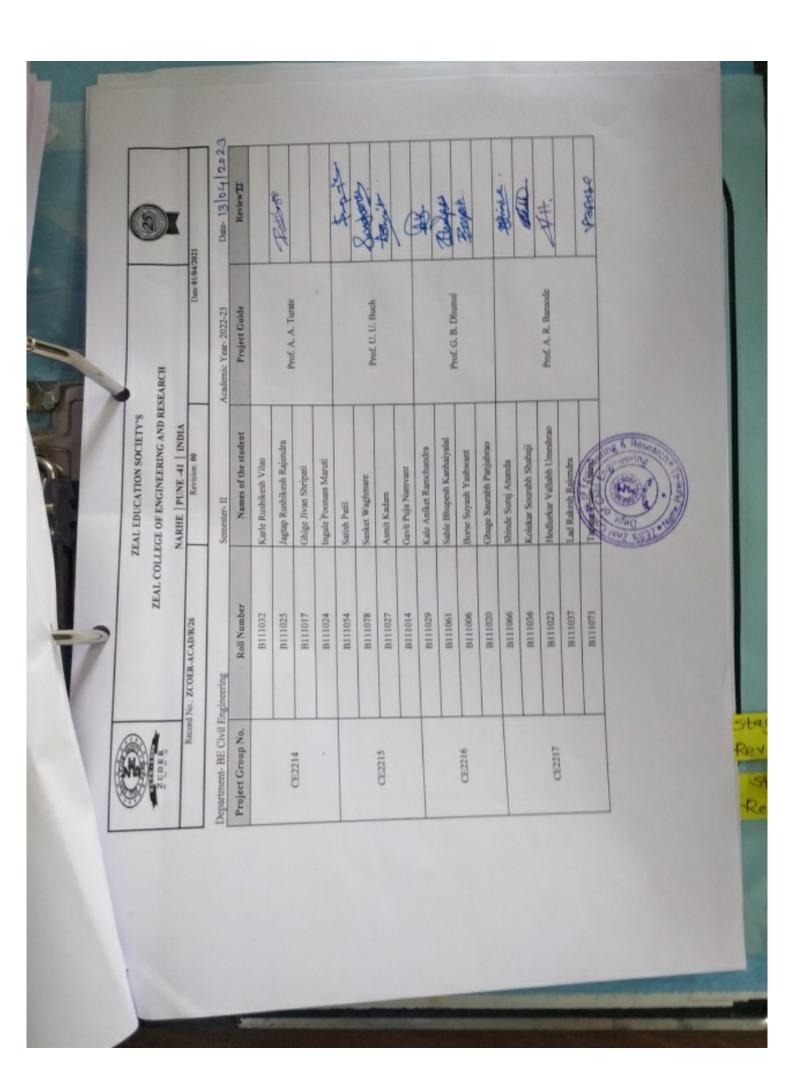
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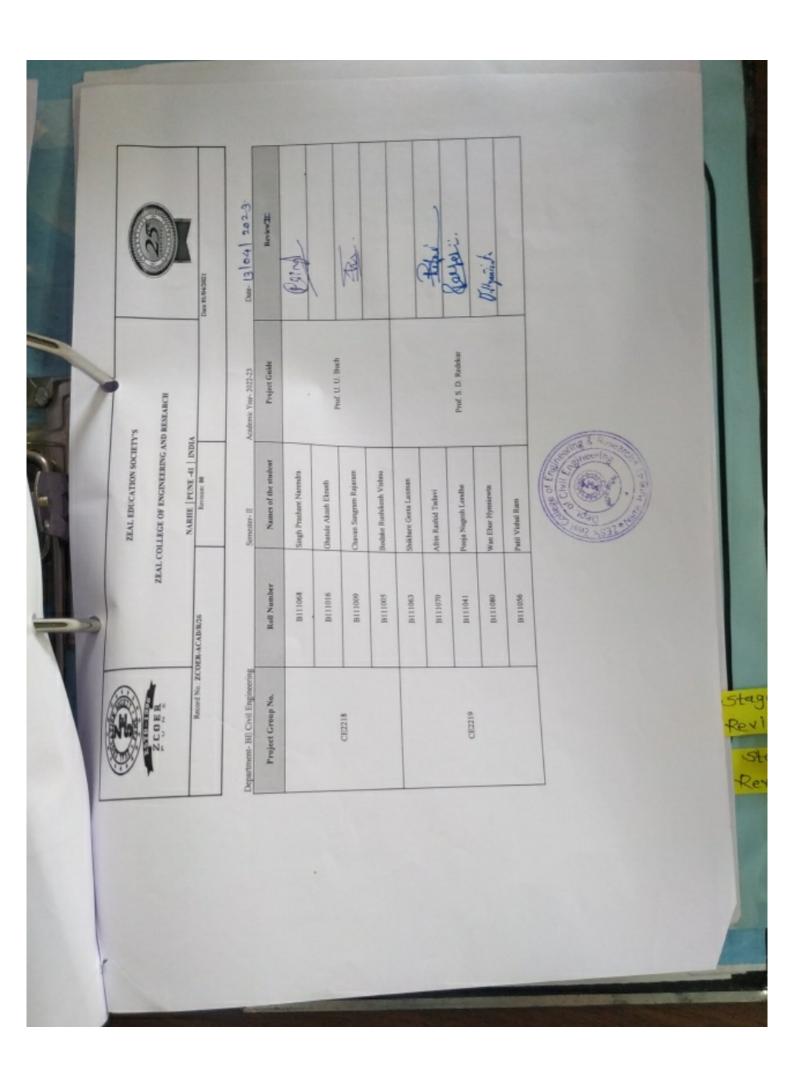
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RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

Notice

Department : Civil

Semester: II

AcademicYear:2022-2023

Class: BE

Date: 05/05/2023

All Students of Final Year Civil Engineering are here by informed that, Project stage-II, Review- III of B.E. Project is scheduled as follows:

Venue	ReportingTime	Date	Group
CAD Lab	07:30AM	08/05/23	CE2201 to CE2219

### The project review presentation shall contain following points:

- The Internal assessment panel will verify the prerequisites of desired topic,
- Proper flow and aim of project will be advised
- Scope for providing sponsorship will be verified
- The assessment will be based on improvement on comments from review-I and review II on following points for marking:
  - o Rubric 1 : Regularity (15 marks)
  - o Rubric 2: Literature survey (10marks)
  - o Rubric 3 : Prerequisite/Experimentation (10marks)
  - o Rubric 4: Presentation (10marks)

o Rubric 5 : Documentation (05marks)

Project Coordinator

B.E Civil
Project Coordinator

Department of Civil Engineering
Zeal College of Engineering & Research
Narhe, Pune-411041

Academic Coordinator

Academic Coordinator

Department of Civil Engineering
Zeal College of Engineering & Research
Marhe, Pune-411041

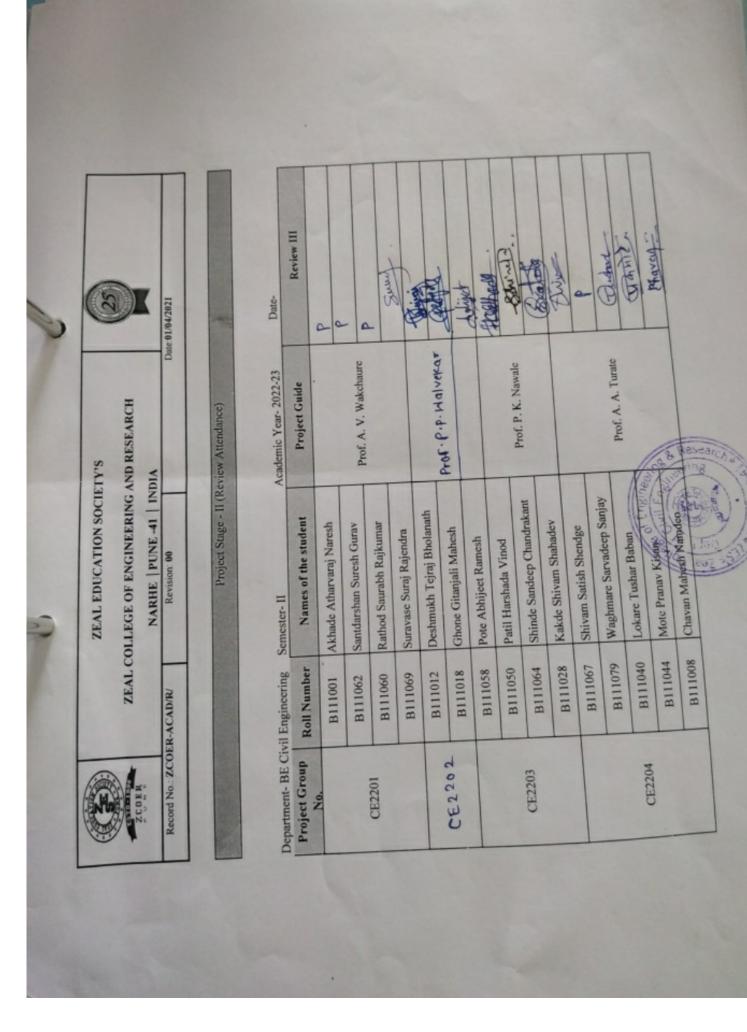
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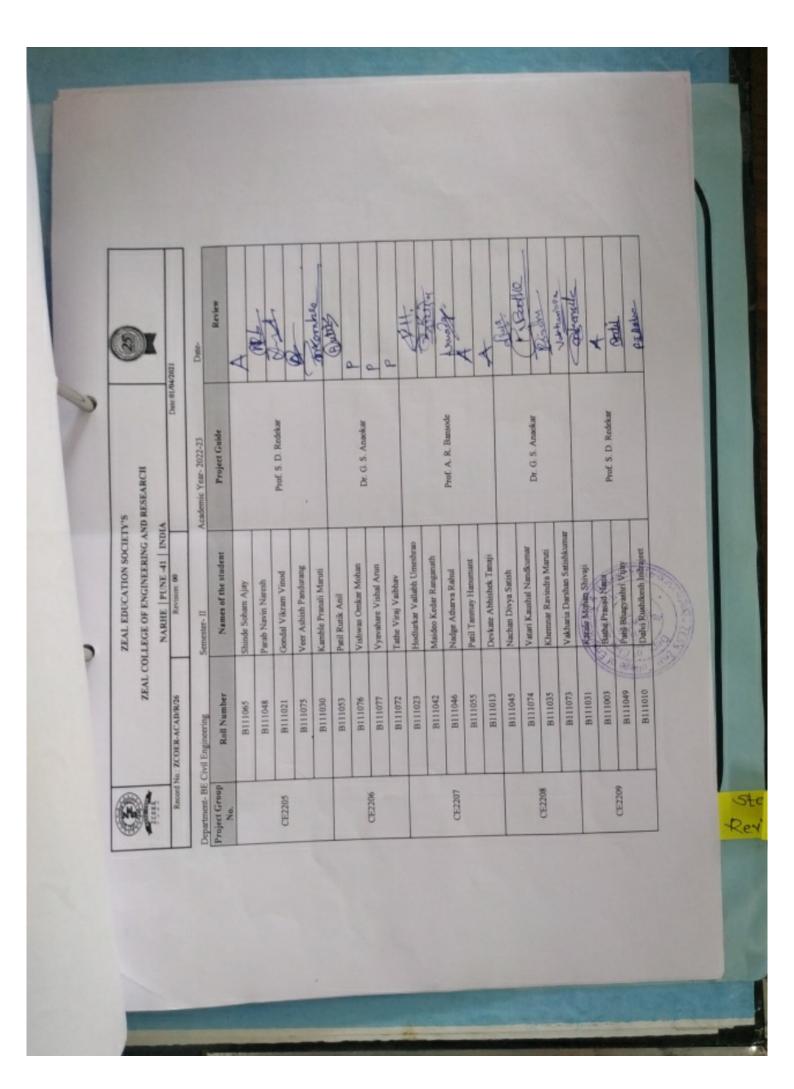
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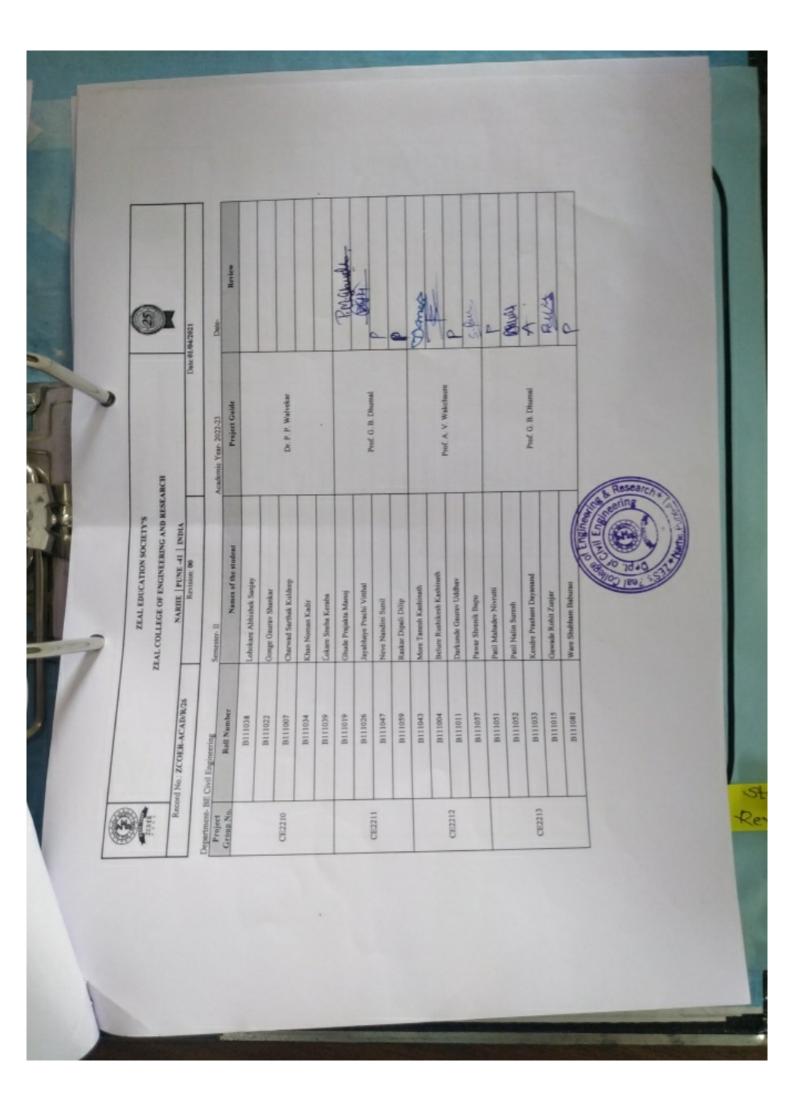
Department of Civil Engineering HOD

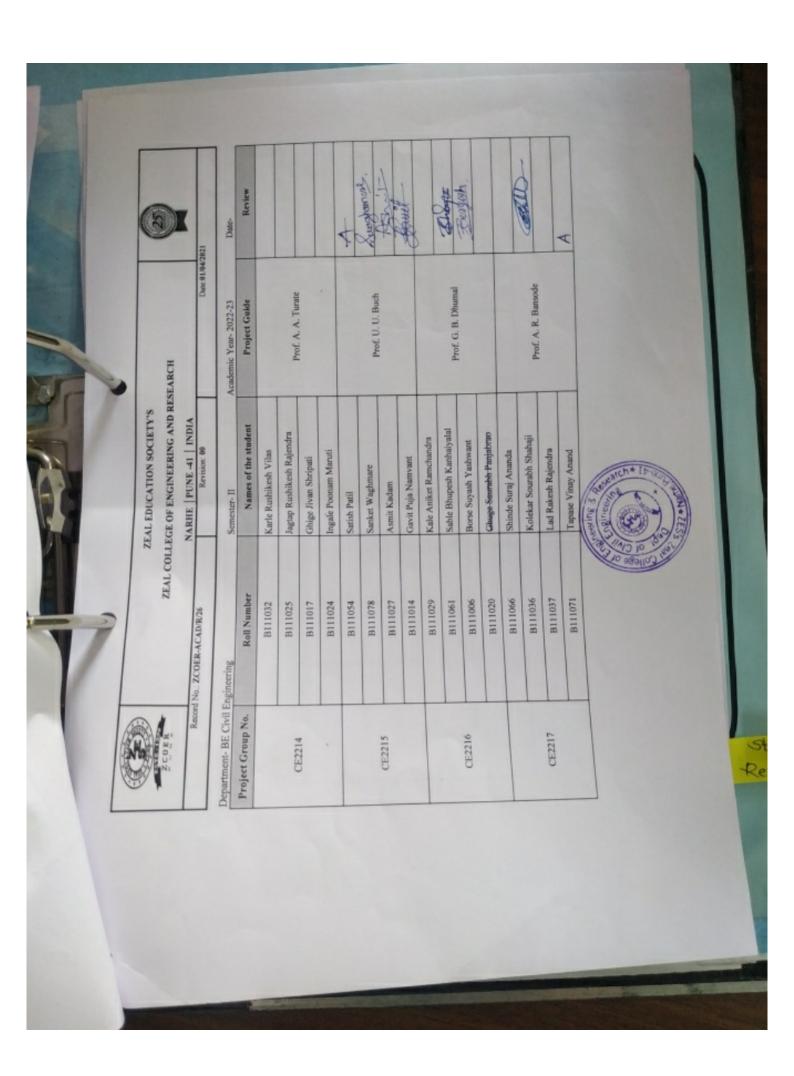
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& Research, Narhe, Pune-41:

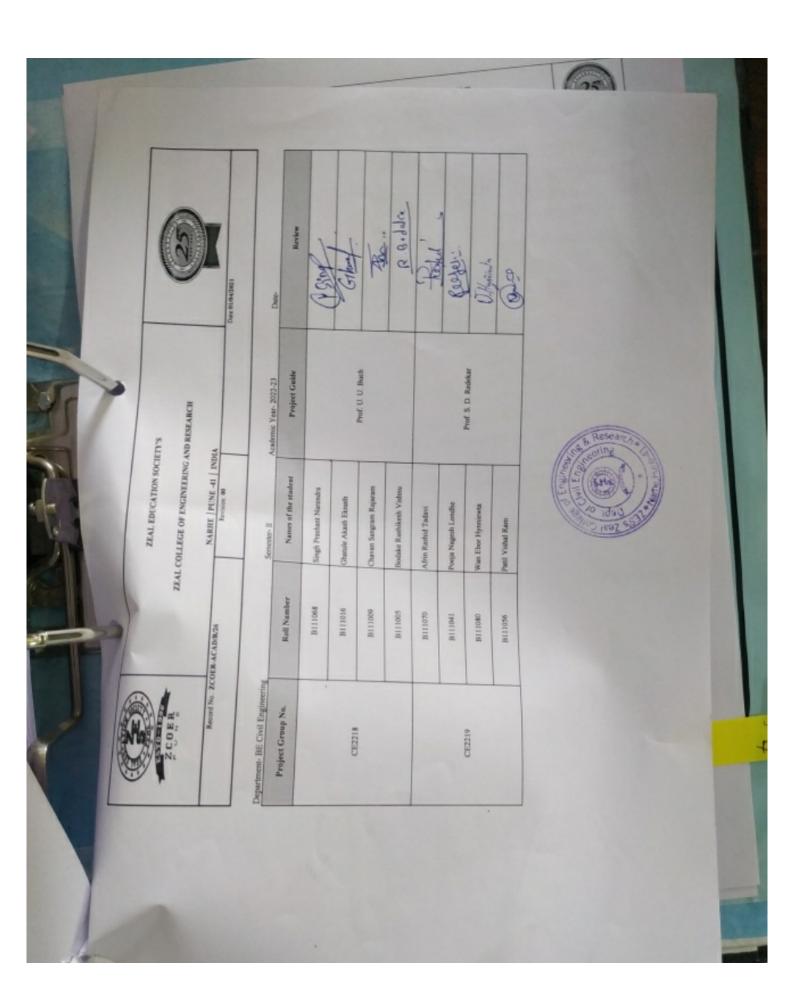
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RecordNo.: ZCOER-ACAD/R/39

Revision: 00

Date: 01/04/2021

Notice

Department:Civil

Semester: II

AcademicYear:2022-2023

Class: BE

Date:19/05/2023

All Students of Final Year Civil Engineering are here by informed that, Mock project Phase II presentation of B.E. Project is scheduled as follows:

Venue	ReportingTime	Date	Group
		29/05/23	CE2201 to CE2210
CADLab	07:30AM	30/05/23	CE2211 to CE2219

### The project review presentation shall contain following points:

- Introduction of the topic, its relevance to civil engineering, need for the study, aimsandobjective, limitations.
- Literature review from reference books, journals, conference proceedings, publishedreports / articles / documents with conclusion. The literature review should be frompublishedliteraturein thelast fiveyears.
- Problem statement and methodology
- Theoretical contents related to the chosen topic or case studies if applicable.
- Result and conclusion
- Reference
- The assessment will be based on improvement on comments from review-I and review II on following points for marking :

o Rubric 1 : Regularity

- o Rubric 2 : Literature survey (Cambreks)
- o Rubric 3 : Preparity to Experimentation (10marks)
- o Rubric 4 : Presentation (Ternans)

o Rubric 5 : Documentation (05marle

B.E Civil

**Project Coordinator** 

Department of Civil Engineering

Narhe, Pune-411041

Academic Coordinator

Department of Civil Engineering

**Academic Coordinator** 

Department of Civil Engineering Zeal College of Engineering & Research Zeal College of Engineering & Research Narhe, Pune-411041

Department of Civil Engi

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Academic Project Title Date: 291  Prano Sarvia Comments of Up o	0000	Academic Year 2022-23 Project Title: Feasibility & Date: 29/05/12.3	Name of Student		Lokan	Shenelage	Pranas mote	Samood eed W	Opolot 6

# Internship (2022-23)





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Internship Notice

Department: Civil Engineering

Semester: V

Academic Year: 2022-2023

Date: 04/11/2022

All the students of Third Year Civil Engineering are hereby informed that, as per SPPU curriculum every student must complete internship of duration 4 to 6 weeks, after 5th semester and before commencement of 6th semester. Herewith list of students submitted their names for Internship support from department and T&P cell. Only these students will get support for providing industrial internship.

Remaining students will have to complete internship by their own sources. Such students must report and collect necessary permission letters from Prof. Siddhant Mangolikar (T&P Coordinator) (Room A-010).

### Instructions:

- 1. Received copy of permission letter from company must be submitted to T&P coordinator.
- 2. Students completing internship by their own sources must carry the address and contact details of internship providing firm.



1

Department of Civil Engineering,

Dept of Civil Engineering ZES's Zeal College of Couring & Research Name, Pune-411 041





Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### List of students submitted names for internship support

Sr. No.	Name of student	Roll No.	
1	Rutika Manoj Bajare	T111002	
2	Beldare Kashinath Dattatray	T111004	
3	Bhagat Suraj Dattatray	T111005	
4	Bhalerao Sourabh Ravindra	T111006	
5	Bharekar Pranay Santosh	T111007	
6	Hrithik Navnath Bichakule	T111008	1
7	Chavan Arpita Madhav	T111010 T111012	+
8	Jeevan Sunil Chavan		+
9	DIXIT RUTURAJ DILIP	T111014	+
10	Dumbre Dnyaneshwari Sampat.	T111018	+
11	Yogesh Gaikwad	T111019	+
12	Ingale Gopal Prakash	T111020	+
13	Ingole Rajratan Kisan	T111020	$\dashv$
14	Digvijay Ashok Jadhav	T111022	-
15	Jawalkar Vishal Nana	T111022	
16	Akshada Subhash Kadam	T111026	_
17	Kamble Pooja Shriram	T111027	_
18	Kathe Jeet Dnyaneshwar	T111028	_
19	Anjali Dattu Katke		_
20	Khahale Laxmi Shamrao	T111029	_
21	KHAIRE ATHARVA YASHWANT	T11103	_
	Pawan Santosh khandare	T11103	_
22	Shubham khedekqr	T11103	_
23	Kumbhar Abhishek maruti	T11103	_
24		T1110	
25	Ganesh Lavudya	T1110	_
26	Bansi Jaywant Ludbe	T1110	38
27	Mane shubham chandrakant	T1110	139
28	MEHATTARE RUTUJA GUNDU	T1110	041
29	Misal Shivam Manik	T111	042
30	Pankaj Machindra More	T111	_
31	Tanmay Pankaj Mare of Engines	T111	_
32	Arpita Shivaji	T111	_
33	Gauray G Nivers ( 12 )	1111	-





Record No.:	ZCOER-ACAD/R/39	Revision: 00	Date:01/04/2021
34	Prathamesh Daulat Pati	1	TITION
35	Patil shyam ananda		T111049
36	Pawar sahil yashwant		T111050
37	Sanju Dundappa Pujari		T111052
38	Ramteke Kunal Sujit		T111055
39	Rathod Yashkumar Sha	nkar	T111058
40	Rathod Yogesh Arjun		T111059
41	Salunke Rohan Shashik	ant	T111060
42	Shah Akshay Chunnilal		· T111062
43	Abhinay Satish Shilimk	ar	T111064
44	Atharva Dattatray Shirk	e	T111066
45	Sondkar Sahil Gorakh		T111068
46	Sonkamble Aakanksha	Vitthal	T111069
47	Sonwal Sanika Sanjay		T111070
48	Surwase Pooja Madhuka	ar	T111071
49	Todkar Shubham Kalida	ıs	T111073
50	Omkar Narsing Wadikar	,	T111076

### List of students allotted internship

Sr. No.	Name Of Student	Roll No
1	Janvi Satish Chavan	T111011
2	Jatin Dilip Kamble	T111025
3	Aditya Vijay Khanvilkar	T111032
4	Vishal Vikram Mhaske	T111040
5	Ankit Prakash Parmar	T111047
6	Sanjay Naghnath Vekhande	T111075
7	Anuradha Sahebrao Waghmare	T111077







Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

# List of students who will complete internship by their own sources

	Student Name 5	Roll No.
Sr. No.		T111001
1	Bajad Abhishek Ramkisan	T111003
2	Baramade Akshay Balaji	T111009
3	Borse Vishakha Shashikant	T111013
4	Divekar Hrishikesh Prakash	T111016
5	Gade Mayur Vijay	T111017
6	Gaikwad Piyush Pandurang	T111024
7	Kalandar Attar Yusuf	T111037
8	Mali Aniket Bhimrao	T111045
9	Ninawe Suraj Shrikant	T111048
10	Patil Kuldeep Pradeep	T111051
11	Patil Yash Anil	T111053
12	Pawar Swapnil Sairam	T111054
13	Pisal Pratiksha Bapu	T111057
14	Rathod Abhijeet Anil	T111061
15	Sapkal Aditya Ganesh	T111063
	Shede Manish Mahesh	T111065
16	Shinde Pratik Suresh	T111067
17	Shitole Prasanna Rahul	T111072
18	Tadavi Rahul Fattesing	T111074
19	Acards Raysing	
20	Vasave Manual	ust inform the address

Students completing internship by their own sources must inform the address and contact details of internship providing firm before commencing the internship program. They must be in contact sources with Prof. S. R. Mangolikar - (Dept. T&P coordinator).





Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

Date: 31/12/22

HOD civil Engineering Department ZCOER

Subject: Student internship program

Respected sir.

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries.

Department of Civil Engineering established in 2012. To bridge the gap between industry and academies, various practices are followed in the department. Student internship program is one of the activities which helps a lot to get an idea about industry know-how under the supervision of experts like you.

Please find the details of student deputed for internship program at your place.

lease find the	details of student d			Roll No.
ZPRN	1	ne of Student		T111033
21E20181	shubham	mangesh	Khedekon	1111033

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 to February 5th, 2023. Aftersuccessfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you,

Dr. G. S. Anaokar Dept of Civil Engineering FS's Zear College of seering & Research

Narhe, Pune-411 041







Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

Date: 31/12/22

HOD civil Engineering
Deportment zcoER

Subject: Student internship program

Respected sir.

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Please find the details of student deputed for internship program at your place.

ZPRN	Name of Student	Roll No.
121E 20162	Abhishek Morull Kumbhar	T111034

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 to February 5th, 2023. After successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you.

ours truly, Or. G. S. Anaokar

Dept of Civil Engineering ZES's Zeal College of Eneering & Research Name, Pune-411 041







Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

Date: 21/12/22

To. HOD civil Engineering Department 2 CDER

Subject: Student internship program

Respected sir.

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries.

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Please find the details of student deputed for internship program at your place.

ZPRN	Name of Student	Roll No.
120 E10082	Yash Anil Patil	. T111051

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 to February 5th, 2023. After successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you,

Dept of Civil Engineering
ZES's Zeal College of
E Georing & Research
Narhe, Pune-411 041







Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

To.

Date: 31 12 /22

HOD civil Engineering
Department 200ER

Subject: Student internship program

Respected sir,

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries.

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Please find the details of student deputed for internship program at your place.

ZPRN		Name of Student		Roll No.
121E20112	Arpita	Madhau	chavan	TILIOID

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25°, 2022 to February 5°, 2023. After successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you,

Dept of Civil Engineering
7ES's Zeal College of

Narhe, Pune-411 041







he institute on it

Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

Date

Civil Dopl. Zcoer

Subject: Student internship program

Respected sir.

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation, Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries.

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Please find the details of student deputed for internship program at your place.

ZPRN	Name of Student	Roll No.
120E 10106	Omkar Nassing Wadikar	7111076

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 to February 5th, 2023. After successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you,

Dept of Civil Engineering

ZES's Zeal College of

Narhe, Pune-411 041





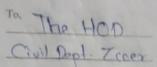


Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

Date



Subject: Student internship program

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Please find the details of student deputed for internship program at your place.

ZPRN		Name of St		Roll No.
121F20211	Anjali	Datta	Katke	T111028

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 to February 5th, 2023. After successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

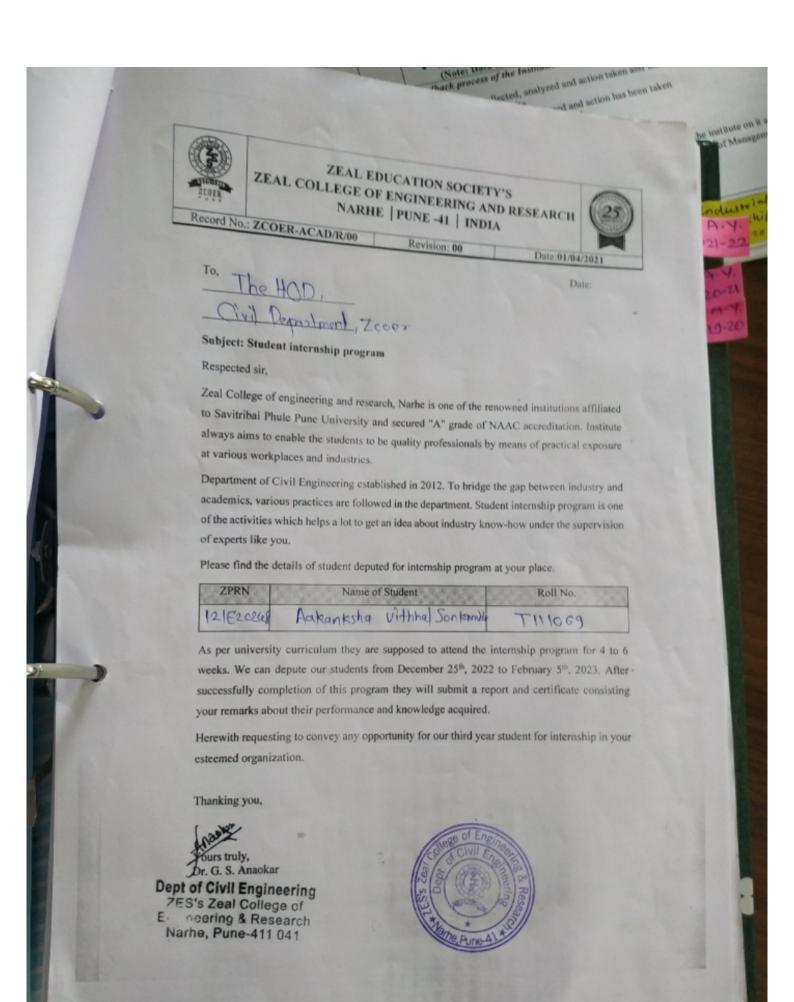
Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you,

Dept of Civil Engineering

7ES's Zeal College of seering & Research Narhe, Pune-411 041







# ZEAL EDUCATION SOCIETY'S NARHE | PUNE -41 | INDIA

Record No.: ZCOER-ACAD/R/00

Revision, 00

Date:01/04/2021

Guil Dept - Zones

Subject: Student internship program

Respected sir.

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries.

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Please find the details of student deputed for internship program at your place

ZPRN	Name of Student	Roll No.
121E20120	Arpila Shivaji Naik	T111044

As per university curriculum they are supposed to attend the interoship program for 4 to 6 weeks. We can depute our students from December 25th, 2022 a rebruary 5th, 2023. After-successfully completion of this program they will submit a report and certificate consisting your remarks about their performance and knowledge acquired.

Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanking you.

Dr. G. S. Anaokar

Dept of Civil Engineering 7ES's Zeal College of Eneoring & Research Name, Pune-411 041







Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Permission letter for Internship Program

Department: Civil Engineering Date: 26/12/2022

Semester: V/VI

Academic Year: 2022-2023

To,

Ms. Priyanaka Sangle, CAD DESK Institute,

Narhe.

Subject: Internship program for TE Civil Engineering students

Respected madam,

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries. Department of Civil Engineering established in 2012. To bridge the gap between industry and academics, various practices are followed in the department. Student internship program is one of the activities which helps a lot to get an idea about industry know-how under the supervision of experts like you. Please find the details of students deputed for internship programs at your place.

Sr No	Roll Number	Name of Student BAJARE RUTIKA MANOJ	
1	T111002		
2	T111023	KADAM AKSHADA SUBHASH	
3	T111039	MEHATTARE RUTUJA GUNDU	
4	T111069	SONWAL SANIKA SANJAY	
5	T111070	SURWASE POOJA MADHUKAR	
6	T111076	WAGHMARE ANURADHA	

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from January 21st, 2023 to February 28th, 2023. After-successfully completion of this program they will submit a report and certificate consisting of your remarks about their performance and knowledge acquired. Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thank You.

Department of Civil Engineering.

ZCOER, PUNE





the institute of

Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Permission letter for Internship Program

Department: Civil Engineering

Date: 27/12/2022

Semester: V/VI

Academic Year: 2022-2023

To,

Mr. Sarthak Charwad, Sarthak Enterprises, Vadgaon Bk.

Subject: Internship program for TE Civil Engineering students

Respected sir,

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries. Department of Civil Engineering established in 2012. To bridge the gap between industry and academics, various practices are followed in the department. Student internship program is one of the activities which helps a lot to get an idea about industry know-how under the supervision of experts like you. Please find the details of students deputed for internship programs at your place.

Sr No Roll Number		Number Name of Student	
1	T111014	DIXIT RUTURAJ DILIP	
2	T111020	INGOLE RAJRATAN KISAN	
3	T111037	MALI ANIKET BHIMRAO	

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from January 21st, 2023 to February 28th, 2023. After-successfully completion of this program they will submit a report and certificate consisting of your remarks about their performance and knowledge acquired. Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization. Thank You.



Department of Civil Engineering,
ZCOER, PUNE





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Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### Permission letter for Internship Program

Department: Civil Engineering

Semester: V/VI

A'cademic Year: 2022-2023

Date: 27/12/2022

To. Mr. Ketan Bharekar, Mauli Construction Pune, Pune.

Subject: Internship program for TE Civil Engineering students

Respected sir,

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students to be quality professionals by means of practical exposure at various workplaces and industries. Department of Civil Engineering established in 2012. To bridge the gap between industry and academics, various practices are followed in the department. Student internship program is one of the activities which helps a lot to get an idea experts supervision of under the know-how industry Please find the details of students deputed for internship programs at your place.

Roll Number	Name of Student	
	BHAREKAR PRANAY SANTOSH	
	MANE SHUBHAM CHANDRAKANT	
	MISAL SHIVAM MANIK	
	RATHOD YASHKUMAR SHANKAR	
	BHALERAO SOURABH RAVINDRA	
	PATIL SHYAM ANANDA	
	Roll Number T111007 T111038 T111041 T111057 T111006 T111050	

As per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from January 21st, 2023 to February 28th, 2023. Aftersuccessfully completion of this program they will submit a report and certificate consisting of your remarks about their performance and knowledge acquired. Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization. Thank You.



Department of Civil Engineering, ZCOER, PUNE



Siddhant Mangolikar <siddhant.mangolikar@zealeducation.com>

### Student Internship Program recommendation from 'ZEAL College of Engg. & Research, Pune'

1 message

Siddhant Mangolikar <siddhant.mangolikar@zealeducation.com> To: "hr.madhuregroup@gmail.com" <hr.madhuregroup@gmail.com> Cc: Civil ZCOER <civil.zcoer@zealeducation.com>

Sat, Dec 31, 2022 at 10:34 AM

Zeal College of engineering and research, Narhe is one of the renowned institutions affiliated to Savitribai Phule Pune University and secured "A" grade of NAAC accreditation. Institute always aims to enable the students are various workplaces at enable the students to be quality professionals by means of practical exposure at various workplaces and industries. Department of Civil Engineering established in 2012. To bridge the gap between industry and academics, various practices are followed in the department. Student internship program is one of the activities which helps a lot to get an idea about industry know-how under the supervision of experts like you. Please find the details of students deputed for internship programs at your place.

Students Name: Yusuf Kalandar Attar

Roll No: T111024

PRN: 120E10080

s per university curriculum they are supposed to attend the internship program for 4 to 6 weeks. We can depute our students from January 21st, 2023 to February 28th, 2023. After successfully completion of this program they will submit a report and certificate consisting of your remarks about their performance and knowledge acquired. Herewith requesting to convey any opportunity for our third year student for internship in your esteemed organization.

Thanks & Regards,

Prof. Siddhant Rangrao Mangolikar,

Training & Placement Coordinator, ZEAL CPC

Dept. of Civil Engineering, ZCOER, Pune.

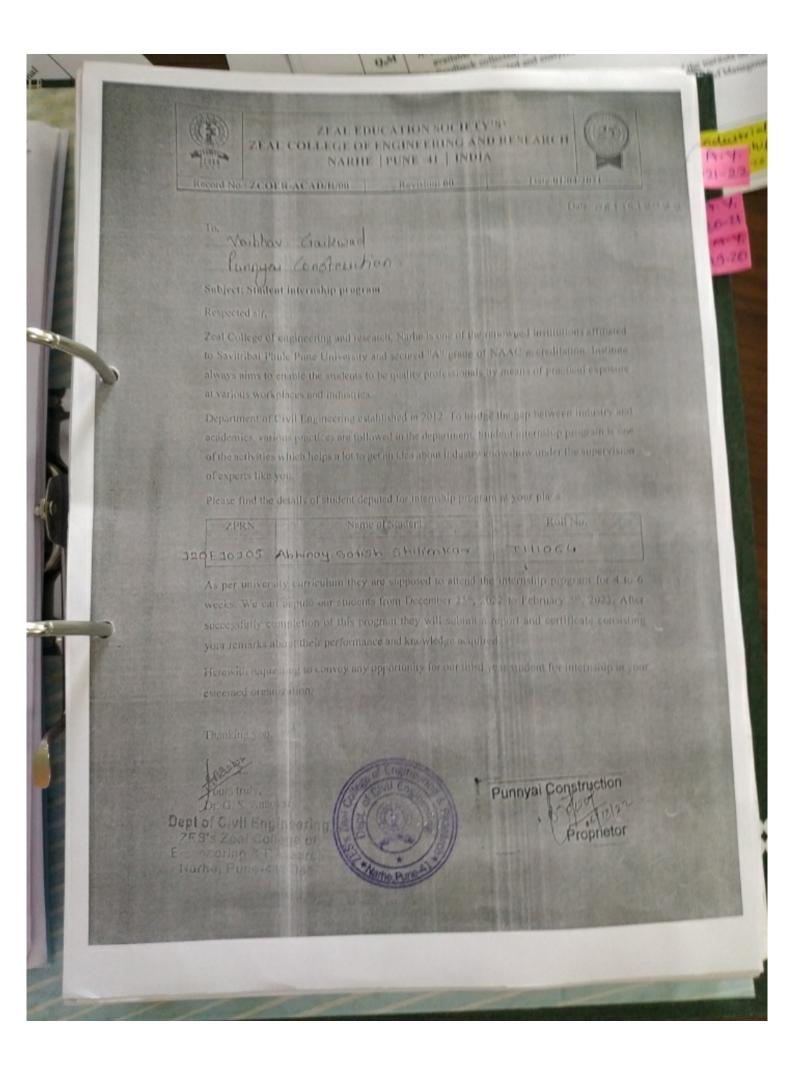
Email: siddhant.mangolikar@zealeducation.com

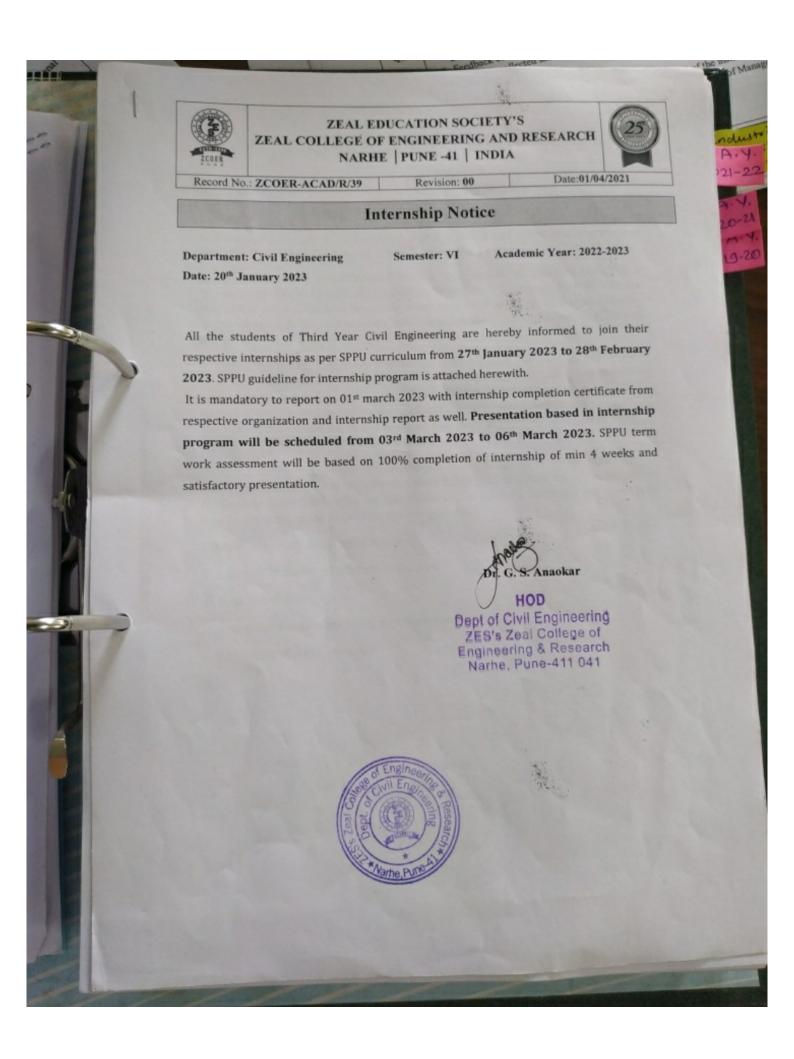
Contact: 8799957447 / 9665998026

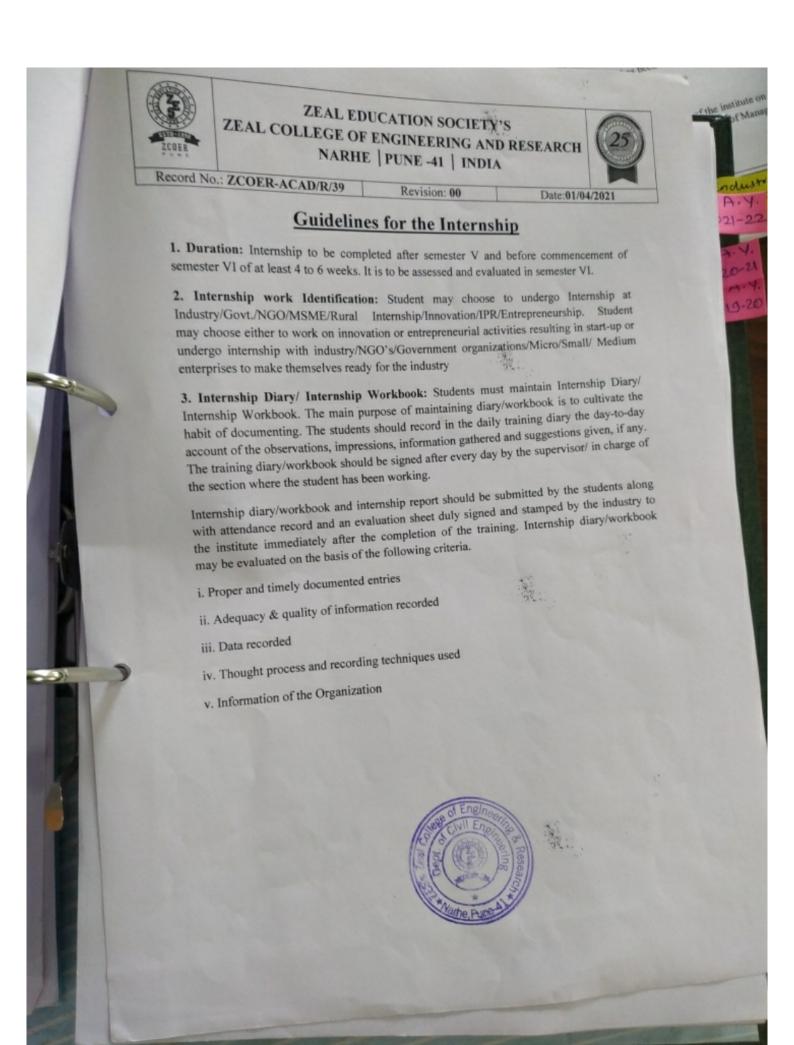
https://zealeducation.com/

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Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

### Internship allotment to students

Sr	Roll Number	Name of Student	Place of Internship	Contact
1	T111002	AJARE RUTIKA MANOJ		
2	T111023	KADAM AKSHADA SUBHASH	CARDECK	
3	T111039	MEHATTARE RUTUJA GUNDU	CAD DESK INSTITUTE	Ms Priyanka Sangle 9284547986
4	T111069	SONWAL SANIKA SANJAY	(Narhe)	3801011
5	T111070	SURWASE POOJA MADHUKAR		
6	T111076	WAGHMARE ANURADHA		
7	T111014	DIXIT RUTURAJ DILIP	Sarthak	Mr Sarthak Charwad
8	T111020	INGOLE RAJRATAN KISAN	Enterprises (Vadgaon Bk)	7447495252
9	T111037	MALI ANIKET BHIMRAO	(Vaugaon Div)	
10	T111007	BHAREKAR PRANAY SANTOSH		
11	T111038	MANE SHUBHAM CHANDRAKANT	Mauli	Mr Ketan Bharekar 8888786660
12	T111041	MISAL SHIVAM MANIK	Construction,	
13	T111057	RATHOD YASHKUMAR SHANKAR	Pune	
14	T111006	BHALERAO SOURABH RAVINDRA		
15	T111050	PATIL SHYAM ANANDA		
16	T111010	CHAVAN ARPITA MADHAV		
17	T111028	KATKE ANJALI DATTU		
18	T111033	KHEDEKAR SHUBHAM MANGESH		
19	T111034	KUMBHAR ABHISHEK MARUTI	Civil Engg	In house Internship
	T111044	NAIK ARPITA SHIVAJI	Dept. ZCOER	III III III II II II II II II II II II
20	T111051	PATIL YASH ANIL		
21		SONKAMBLE AAKANKSHA		
22	T111068	VITTHAL		
23	T111075	WADIKAR OMKAR NARSING		
24	T111024	YUSUF KALANDAR ATTAR	Madhure Infra Engineering Pyt Ltd , Pune	hr.madhuregroup@gma





Record No.: ZCOER-ACAD/R/ Revision: 00

Date:01/04/2021

### LIST OF STUDENTS WITH INTERNSHIP DETAILS

Si	Dall M	Name of Student	Company/Firm Joined for Internship	Duration
1	T111002	BAJARE RUTIKA MANOJ	CAD DESK INSTITUTE	30 Days
2	T111004	BELDARE KASHINATH DATTATRAY	M/S Shivraj Construction, Narhe	30 Days
3	T111005	BHAGAT SURAJ DATTATRAY	Vijaya Builders, Saswad	30 Days
4	T111006	BHALERAO SOURABH RAVINDRA	Mauli Construction (Kolhewadi site)	30 Days
5	T111007	BHAREKAR PRANAY SANTOSH	Mauli Construction (Ravivar Peth Site)	30 Days
6	T111008	BICHAKULE HRITHIK NAVNATH	Divit Ventures Construction	30 Days
7	T111010	CHAVAN ARPITA MADHAV	In House	30 Days
8	T111011	CHAVAN JANVI SATISH	Gunwanta BuildCon LLP.	30 Days
9	T111012	CHAVAN JEEVAN SUNIL	Punyai Construction, Hinjwadi	30 Days
10	T111013	Divekar Hrishikesh Prakash	Rajmudra Construction	30 Days
11	T111014	DIXIT RUTURAJ DILIP	Sarthak Enterprises, Vadgaon	30 Days
12	T111015	DUMBRE DNYANESHWARI SAMPAT	J Kumar Infraprojects Ltd, Andheri	30 Days
3	T111016	GADE MAYUR VIJAY	No Response	30 Days
4	T111017	GAIKWAD PIYUSH PANDURANG	Rajmudra Construction	30 Days
5	T111018	GAYAKWAD YOGESH SURESH	Media Leaf construction and son's (LLP) ambegaon	30 Days
6	T111019	INGALE GOPAL PRAKASH	Media Leaf construction and son's (LLP) ambegaon	30 Days
7	T111020	INGOLE RAJRATAN KISAN	SKYONE Landmark	30 Days





cecore	a No.: ZC	OER-ACAD/R/	Revision: 00	Date:01/04/2021
18	T111021	ASHOK	Swaraj Infrabuild, Vadgaon maval	30 Days
19	T111022	NANA	RC Constructions Solutions	30 Days
20	T111023	KADAM AKSHADA SUBHASH	CAD DESK INSTITUTE	30 Days
21	T111024	ATTAR YUSUF KALANDAR	Madhure Infrastructure Pvt Ltd	30 Days
22	T111025	TO THE PATTIN DIEIF	Value Engineering and Construction LLP	30 Days
23	T111026	SHRIRAM	Bhagwati Enterprises, Thane	30 Days
24	T111027	KATHE JEET DNYANESHWAR	Vidnyan Developers, Thane	30 Days
25	T111028	KATKE ANJALI DATTU	In House	30 Days
26	T111029	KHABALE LAXMI SHAMRAO	Vastuyog engineer's and contractor , kallam , osmanabad	30 Days
27	T111030	KHAIRE ATHARVA YASHWANT	Pradhanmantri Awas Yojna, Hadapsar	30 Days
28 7	Г111031	KHANDARE PAWAN SANTOSH	M/S Shivraj Construction, Narhe	30 Days
29 7	Г111032	KHANVILKAR ADITYA VIJAY	Pradhanmantri Awas Yojna, Hadapsar	30 Days
30 T	Г111033	KHEDEKAR SHUBHAM MANGESH	In House	30 Days
31 T	111034	KUMBHAR ABHISHEK MARUTI	In House	30 Days
2 T	111035	LAVUDYA GANESH	Venktesh Buildcorps	30 Days
3 T	111036	LUDBE BANSI JAYWANT	Kanak Charan Developers, Malvan	30 Days
4 T	111037	MALI ANIKET BHIMRAO	Sarthak Enterprises, Vadgaon	30 Days
5 T	111038	MANE SHUBHAM CHANDRAKANT	Mauli Construction (Ravivar Peth Site)	30 Days
6 T	111039	MEHATTARE RUTUJA GUNDU	CAD DESK INSTITUTE	30 Days
7 T1	111040	MHASKE VISHAL VIKRAM	J Kumar Infraprojects Ltd, Andheri	30 Days
3 T1	111041	MISAL SHIVAM MANIK	SKYON, Landmark	30 Days





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Re	cord No.: Z(	COER-ACAD/R/	Revision: 00	Date:01/04/20	21
13	39 T11104	2 MORE PANKAJ MACHINDRA	Sri B A Mali & Company,	30 Days	1
4	T11104:	MORE TANMAY PANKAJ	D.M. Pujari Contractors, Arnyeshwar Park	30 Days	
4	1 T11104	- TA SHIVAJI	In House	30 Days	
4	2 T111045	SURAJ SHRIKANT NINAWE	Northcape reality venicia baner	30 Days	
4	3 T111046	NIVALKAR GAURAV GAJANAN	D.M. Pujari Contractors, Arnyeshwar Park	30 Days	
4	4 T111047	DADALLE	Imperial Lifestyles Pvt Ltd	30 Days	
45	T111048	DATELL LILLS TO THE	SHARANGDHAR ASSOCIATE Washim	30 Days	
46	T111049	DATELL DE LEUR LA CONTRACTOR	Yash Construction, Thane	30 Days	
47	T111050		Mauli Construction (Kolhewadi site)	30 Days	
48	T111051	PATIL YASH ANIL	In House	30 Days	
49	T111052	PAWAR SAHIL YASHWANT	SRS CONSTRUCTION	30 Days	
50	T111053	PAWAR SWAPNIL SAIRAM	D.M. Pujari Contractors, Arnyeshwar Park	30 Days	
51	T111054	PISAL PRATIKSHA BAPU	D.M. Pujari Contractors, Arnyeshwar Park	30 Days	
52	T111055	PUJARI SANJU DUNDAPPA	D.M. Pujari Contractors, Arnyeshwar Park	30 Days	
53	T111056	RAMTEKE KUNAL SUJIT	Media Leaf construction and son's (LLP) ambegaon	30 Days	
54	T111058	RATHOD YASHKUMAR SHANKAR	Mauli Construction (Kirkatwadi site)	30 Days	
55	T111059	RATHOD YOGESH ARJUN	Mauli Construction	30 Days	
56	T111060	SALUNKE ROHAN SHASHIKANT	GT Associates, Ravet, Pune	30 Days	
57	T111061	SAPKAL ADITYA GANESH	M R Kale Engineers & Contractors	30 Days	
58	T111062	SHAH AKSHAY CHUNNILAL	Prefex Engg.& Research, Pune	30 Days	
59	T111063	SHEDE MANISH MAHESH	Rajmudra Construction	30 Days	





Nece	ord No.: ZCC	OER-ACAD/R/	Revision: 00	Date:01/04/2021
60	T111064	SATISH	Punyai Construction, Hinjwadi	30 Days
61	T111065	SHINDE PRATIK SURESH	D.M. Pujari Contractors, Arnyeshwar Park	30 Days
62	T111066	SHIRKE ATHARVA DATTATRAY	Siddhi Developers & Builders, Narhe	30 Days
63	T111067	SHITOLE PRASANNA RAHUL	Prefex Engg.& Research, Pune	30 Days
64	T111068	SONDKAR SAHIL GORAKH	Laxmi Heights & Developers, Narhe	30 Days
65	T111069	SONKAMBLE AAKANKSHA VITTHAL	In House	30 Days
66	T111070	SONWAL SANIKA SANJAY	CAD DESK INSTITUTE	30 Days
67	T111071	SURWASE POOJA MADHUKAR	CAD DESK INSTITUTE	30 Days
68	T111072	TADAVI RAHUL FATTESING	Vakratunda Developers, Narhe	30 Days
69	T111073	TODKAR SHUBHAM KALIDAS	M/S Shivraj Construction, Narhe	30 Days
70	T111074	VASAVE MANOHAR RAYSING	Vakratunda Developers, Narhe	30 Days
71	T111075	VEKHANDE SANJAY NAGNATH	Value Engineering and Construction LLP	30 Days
72	T111076	WADIKAR OMKAR NARSING	In House	30 Days
73	T111077	WAGHMARE ANURADHA SAHEBRAO	CAD DESK INSTITUTE	30 Days
74	T111078	SHIKHARE GEETA LAXMAN	Sarwade & Sons Constructions, Latur	30 Days

Dor.

Prof. S. R. Mangolikar T&P Representative, Department of Civil Engineering, ZCOER Dr. G.S. Anaokar HOD, Department of Civil

Engineering, ZCOER







Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### **Internship Presentations Notice**

Department: Civil Engineering

Semester: VI

Academic Year: 2022-2023

Date: 05th MAY 2023

All the students of Third Year Civil Engineering are hereby informed that, as per SPPU curriculum 'Final Internship Presentation' is scheduled on 09th, 10th and 11th MAY 2023. WSE backlog student's presentations is scheduled on 13th MAY 2023 and instructed to attend remedial lectures regularly. Each student must prepare a seminar and report individually, and present before an expert committee. Without completion of internship report and presentation, your term work will not be granted.

Venue: CAD LAB.

Time: 1.30 Pm- 4.00 Pm

### Instructions:

- 1. Students must bring copy of Internship report individually.
- Internship report and PowerPoint presentation should be as per provided guidelines only.

HOD

Department of Civil Engineering,

**ZCOER** 







Record No.: ZCOER-ACAD/R/39

Revision: 00

Date:01/04/2021

### SCHEDULE OF PRESENTATIONS

Roll No	Venue	Date	Time
T111002	- Cinac	Date	***************************************
T111005			
T111007			
T111010			
T111011			
T111012			
T111013			
T111014			
T111015			
T111016	CAD Lab	09 May 2023	1.30 Pm - 4.00Pm
T111017	CAD Lab	09 May 2023	
T111018			
T111020			
T111022			
T111023			
T111026			
T111027			
T111028			
T111029			
T111030			







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		Revision: 00	Date:01/04/202
Roll No	Venue	Date	The same
T111031		Date	Time
T111032			
T111033			
T111034			
T111036			
T111037			
T111038			
T111039			
T111040			
T111041	CAD Lab	10 May 2023	1.30 Pm - 4.00Pm
T111042	CAD Lab	10 May 2025	
T111043			
T111044			
T111045			
T111046			
T111047			
T111049			
T111050			
T111051			
T111052			

Roll No	Venue	Date	Time
T111056			
T111059			
T111060			
T111061			
T111062			
T111064			
T111065		11 May 2023	1.30 Pm - 4.00Pm
T111067	CAD Lab	11 May 2025	
T111068			
T111071			
T111073			
T111074			
T111076			
T111077			
T111078	-	Enginee	



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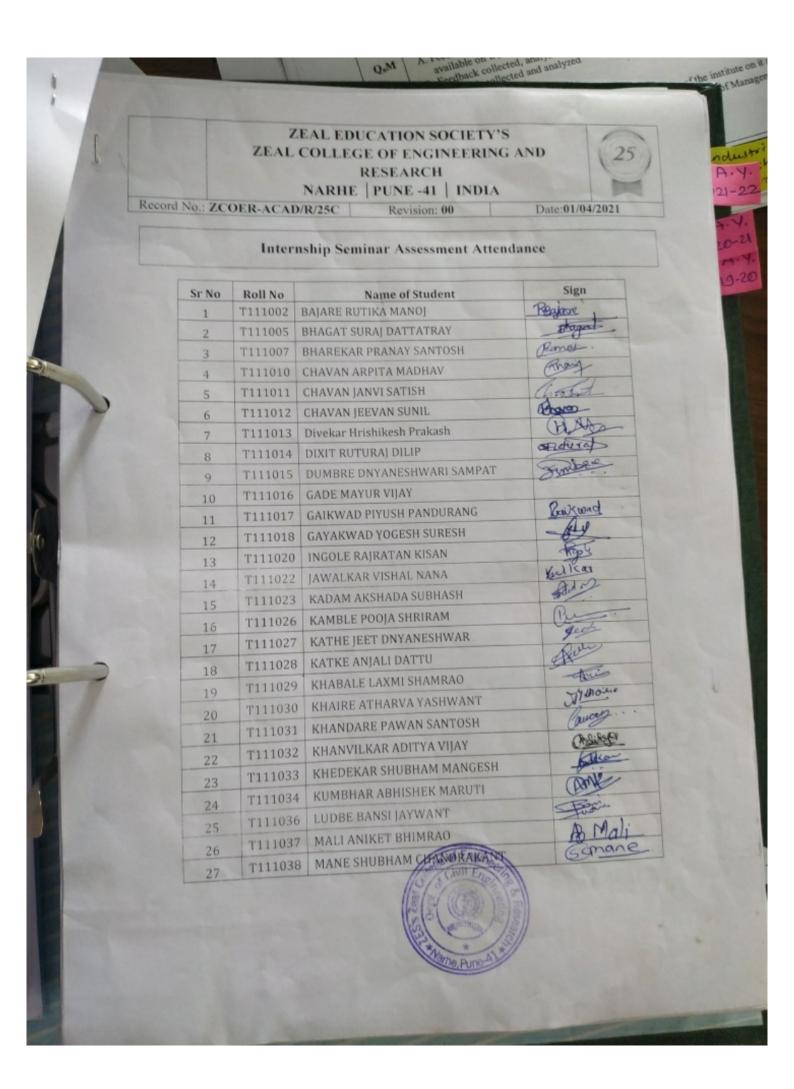
Revision: 00

Date:01/04/2021

### Presentation Schedule of students

Roll No	Venue	Date	Time
T111004			1.30 Pm - 4.00Pm
T111006			
T111008		13 May 2023	
T111019			
T111021			
T111024			
T111025			
T111035			
T111048			
T111053	CAD Lab		
T111054	Cho but		
T111055			
T111058			
T111063			
T111066			
T111069			
T111070			
T111072			
T111075			





### ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA Record No.: ZCOER-ACAD/R/25C Revision: 00 Date:01/04/2021 T111039 MEHATTARE RUTUJA GUNDU Rochede. T111040 MHASKE VISHAL VIKRAM 29 T111041 30 aveille MISAL SHIVAM MANIK T111042 Rantot 31 MORE PANKAJ MACHINDRA felore T111043 32 MORE TANMAY PANKAL NAIK ARPITA SHIVAJI T111044 33 SURAI SHRIKANT NINAWE 34 T111045 NIVALKAR GAURAV GAJANAN T111046 35 PARMAR ANKIT PRAKASH T111047 36 PATIL PRATHAMESH DAULAT T111049 37 PATIL SHYAM ANANDA T111050 38 \* also PATIL YASH ANIL T111051 39 Shot PAWAR SAHIL YASHWANT T111052 40 RAMTEKE KUNAL SUJIT T111056 41 RATHOD YOGESH ARJUN T111059 42 R SALUNKE ROHAN SHASHIKANT T111060 AG. Saptode 43 SAPKAL ADITYA GANESH T111061 44 SHAH AKSHAY CHUNNILAL T111062 45 SHILIMKAR ABHINAY SATISH T111064 46 SHINDE PRATIK SURESH T111065 47 SHITOLE PRASANNA RAHUL T111067 48 SONDKAR SAHIL GORAKH T111068 49 SURWASE POOJA MADHUKAR T111071 TODKAR SHUBHAM KALIDAS T111073 51 VASAVE MANOHAR RAYSING T111074 Wadska 52 WADIKAR OMKAR NARSING T111076 Anwadle WAGHMARE ANURADHA SAHEBRAO 53 T111077 Kashinath. 54 SHIKHARE GEETA LAXMAN T111078 BELDARE KASHINATH DATTATRAY 55 T111004 BHALERAO SOURABH RAVINDRA 56 T111006 T111008 BICHAKULE HRETTENANNATH 57 58

### e the institute on it as of Manager ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA Record No.: ZCOER-ACAD/R/25C Revision: 00 Date:01/04/2021 T111019 INGALE GOPAL PRAKASH 59 T111021 JADHAV DIGVIJAY ASHOK 60 T111024 61 ATTAR YUSUF KALANDAR KAMBLE JATIN DILIP T111025 62 (1) Kamble T111035 LAVUDYA GANESH 63 T111048 PATIL KULDEEP PRADEEP 64 PAWAR SWAPNIL SAIRAM T111053 65 PISAL PRATIKSHA BAPU T111054 66 PUJARI SANJU DUNDAPPA T111055 67 RATHOD YASHKUMAR SHANKAR T111058 68 SHEDE MANISH MAHESH T111063 69 SHIRKE ATHARVA DATTATRAY T111066 70 onkamble SONKAMBLE AAKANKSHA VITTHAL T111069 71 SONWAL SANIKA SANJAY T111070 72 TADAVI RAHUL FATTESING T111072 73 VEKHANDE SANJAY NAGNATH T111075 74 Prof. A. R. Bansode Prof. S.R.Mangolikar HOD Dept of Civil Engineering T&P Coordinator, Dept of Civil Engineering **ZCOER ZCOER**



# ZEAL COLLEGEOF ENGINEERING AND RESEARCH NARHE | PUNE-41 | INDIA

Revision: 00 Date:0

Date: 01/04/2021



# INTERNSHIP SEMINAR ASSESMENT

Record No.: ZCOER-ACAD/R/

Sr No

-	oN II on	Name of Student	Presentation 20	Q&A 20	Understanding 10	Total 50	Out of 100
	NOII INO		14	111	9	31	8
-	T111002	BAJARE RUTIKA MANOJ	;	. 11	9	31	63
-	T111004	BELDAKE KASHIINATII	14	: =	7	33	18
+	T111005	BHAGAT SURAJ DATTATRAY	18	14	6	41	25
	T111006	BHALERAO SOURABH KAVINDRA	13	16	00 1	36	72
	T111007	BHAREKAK FRANKI SAKE	14	15	0	22	32
	T111008	BICHARULE HRITING	17	12	0	38	22
	T111010	CHAVAN ARFITA PLANTER	17	13	0 4	33	2
	T111011	CHAVAN JANVI SATISH	18	=	0 0	37	ス
	T111012		18	11	0 1	32	Z
	T111013		14	11	-	22	72
	T111014		18	13	9	5 3	OK.
	T111015		18	=	9 00	2 28	2
	T111016		15	15	0 0	43	28 7
0 4	T111017	7 GAIKWAD PIYUSH FARESH	18	14	1	28 2	2 2
- 15	T111018		1/1	11	80	7	8
9	T111019	-	16	12	00	123	2
7	T111020	+	13	14	0 00	75	8
18	T111021	+	13	13	-		
19	T111022	-	+				
20	T111023	-					

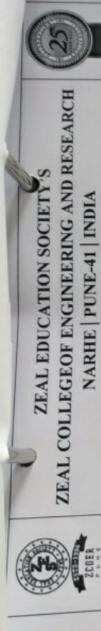
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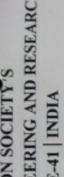
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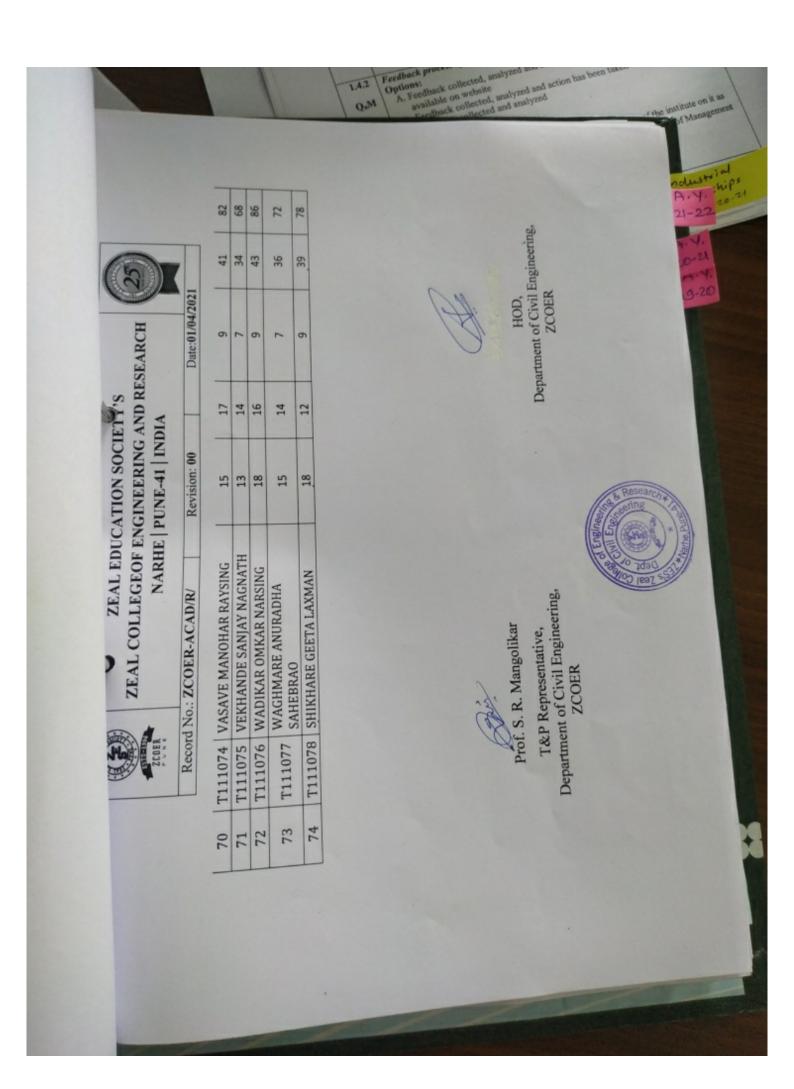
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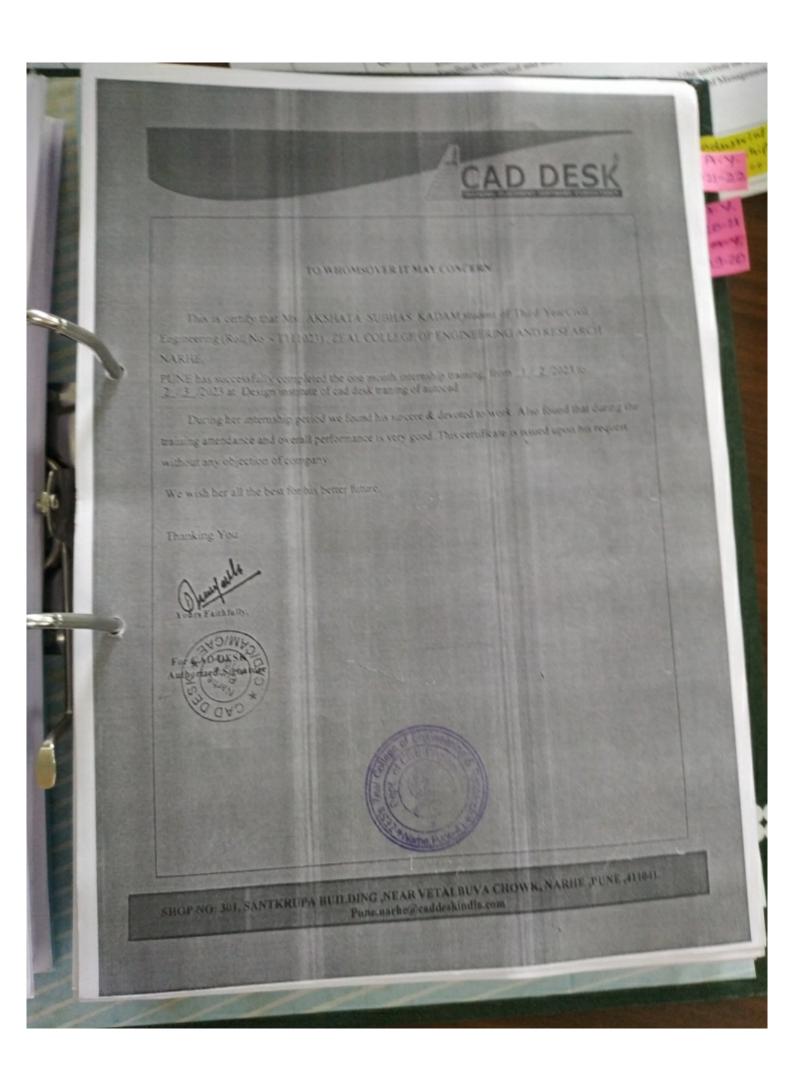
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#### SARTHAK ENTERPRISES

Promoters & Builders

Alakatai Charwad Bunglow, Datta Mandir Chowk,

Near Jadhav Nagar, Vadgaon Bk, Pune- 41

#### TO WHOMSOEVER IT MAY CONCERN

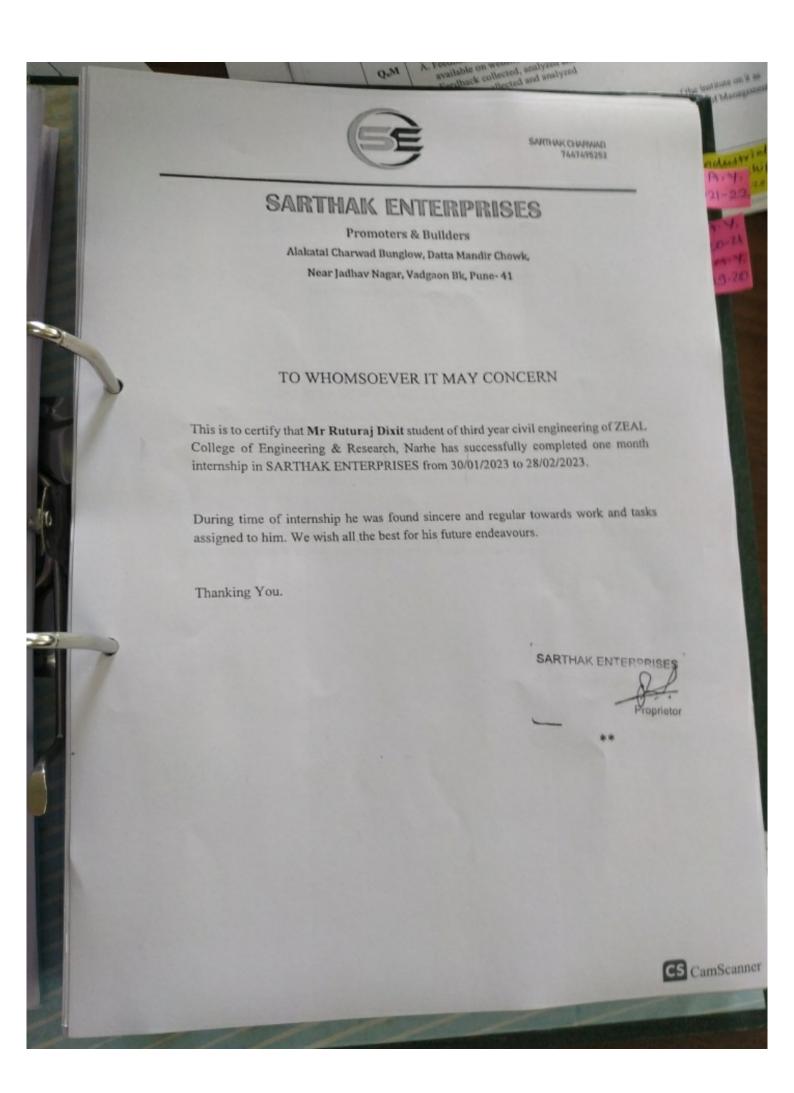
This is to certify that Mr Rajratan Ingole student of third year civil engineering of ZEAL College of Engineering & Research, Narhe has successfully completed one month internship in SARTHAK ENTERPRISES from 30/01/2023 to 28/02/2023.

During time of internship he was found sincere and regular towards work and tasks assigned to him. We wish all the best for his future endeavours.

Thanking You.

SARTHAK ENTEPPRISES

Proprietor





SARTHUK CHURWAD 7447495552 the institute on it as

## SARTHAK ENTERPRISES

Promoters & Builders

Alakatai Charwad Bunglow, Datta Mandir Chowk,

Near Jadhav Nagar, Vadgaon Bk, Pune- 41

#### TO WHOMSOEVER IT MAY CONCERN

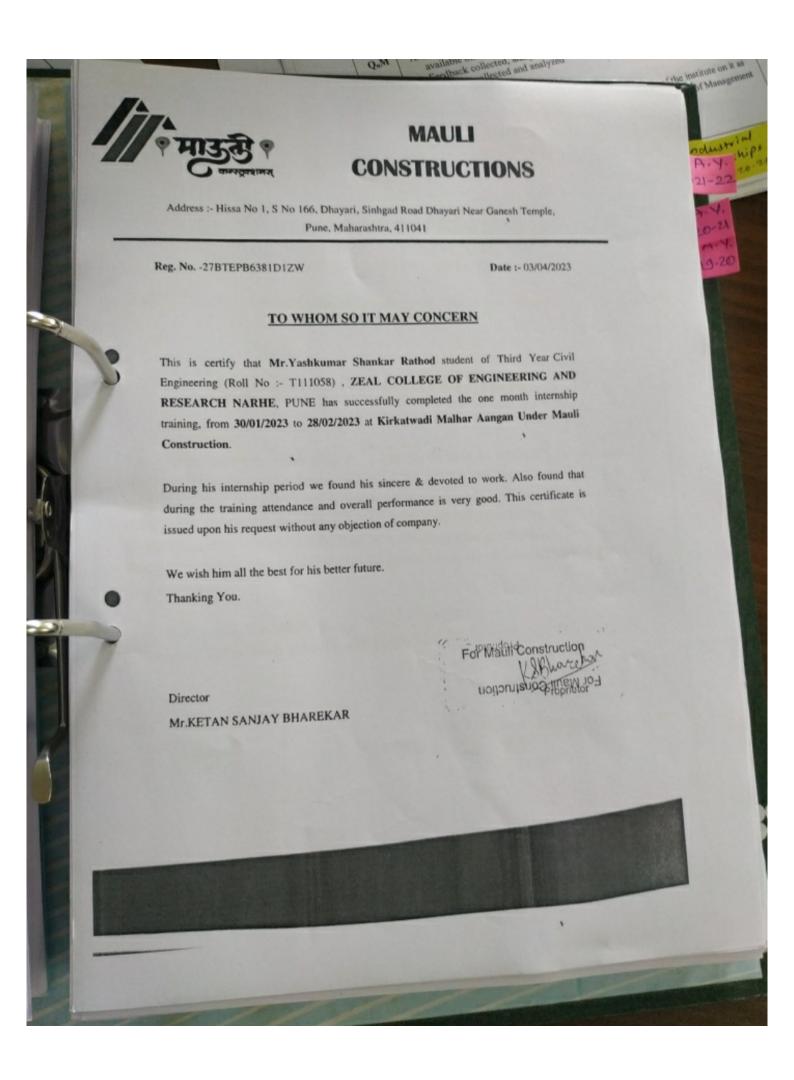
This is to certify that Mr Aniket Mali student of third year civil engineering of ZEAL College of Engineering & Research, Narhe has successfully completed one month internship in SARTHAK ENTERPRISES from 30/01/2023 to 28/02/2023.

During time of internship he was found sincere and regular towards work and tasks assigned to him. We wish all the best for his future endeavours.

Thanking You.

SARTHAK ENTERPRISES

Proprietor





3<sup>rd</sup> Floor, Galaxy Square, CTS NO.504, Near Modern Bakery Chowk, Nana Peth, Pune-411002

#### **INTERSHIP CERTIFICATE**

This is to certify that MR. ATTAR YUSUF KALANDAR, a student of Civil Engineering from "ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE" has successfully completed the Internship Program from 25 Jan to 25 Feb 2023 at "MADHURE INFRA ENGINEERING PVT LTD, PUNE". During the period of Internship Program with us he was found punctual, hard working and inquisitive.

May Success Be With You,

Always.....Wishing you Good Luck!

Date: 25 Feb 2023

From, Madhure to pgineering pvt ltd



#### ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

## Department of Civil Engineering

Date: 10/03/2023

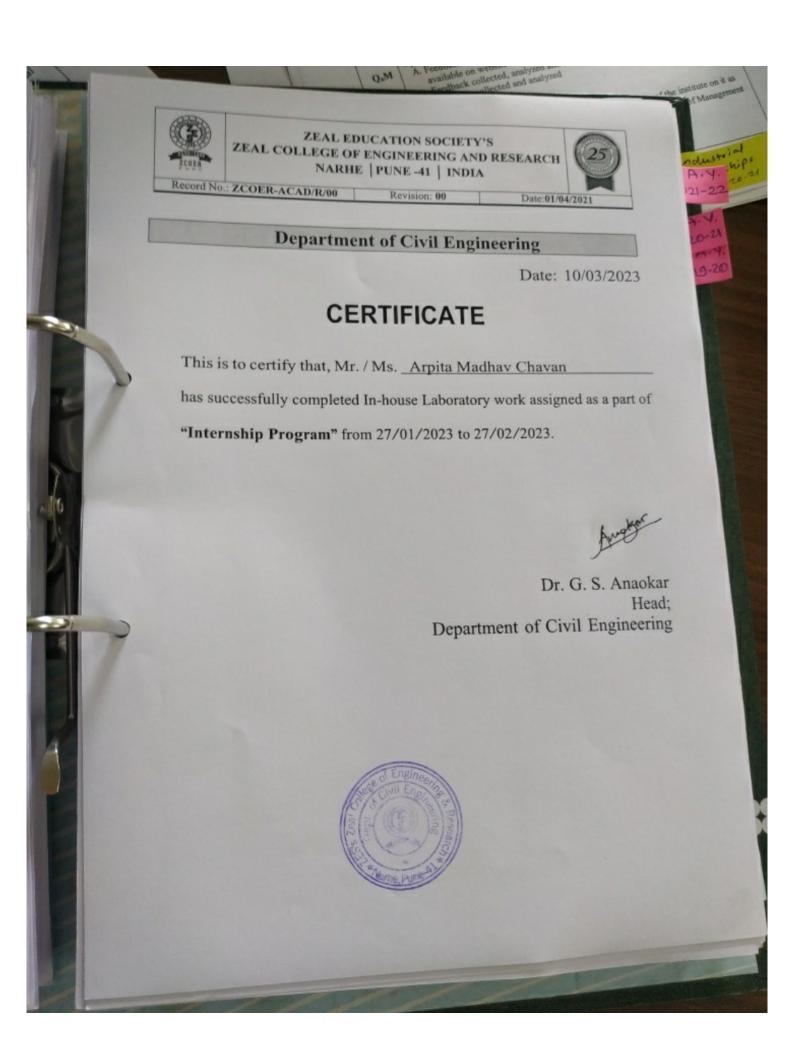
## CERTIFICATE

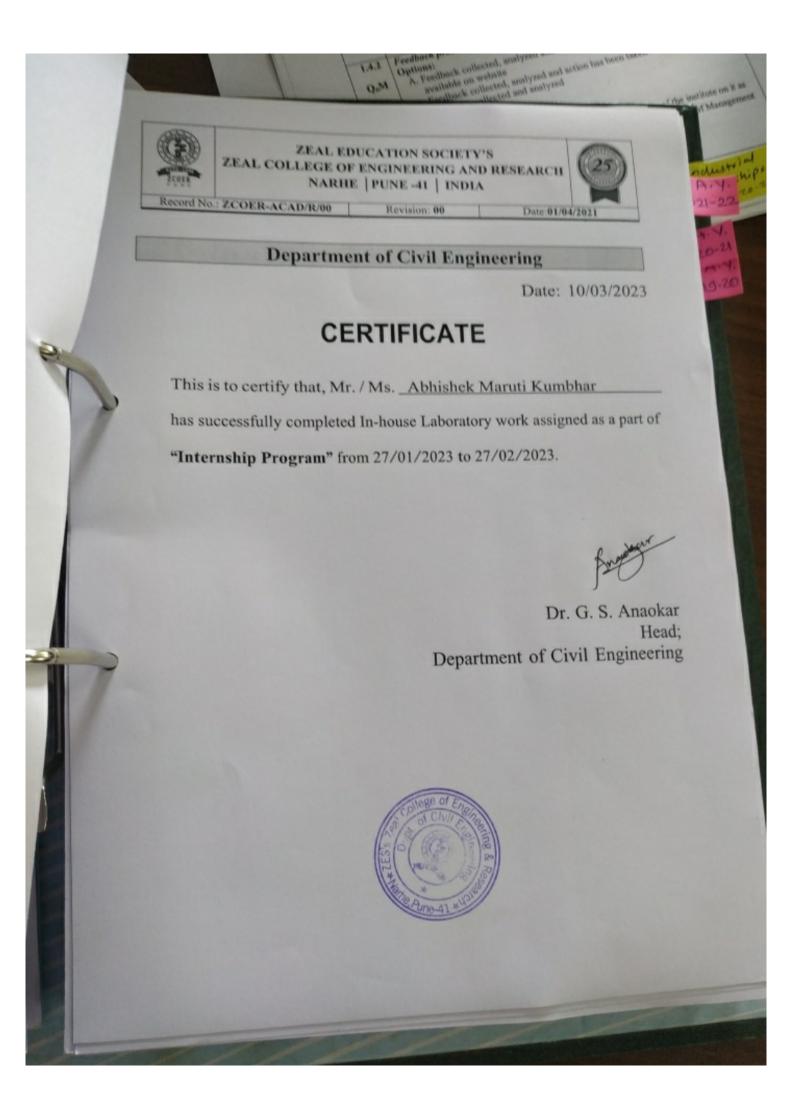
This is to certify that, Mr. / Ms. Shubham Mangesh Khedekar
has successfully completed In-house Laboratory work assigned as a part of
"Internship Program" from 27/01/2023 to 27/02/2023.

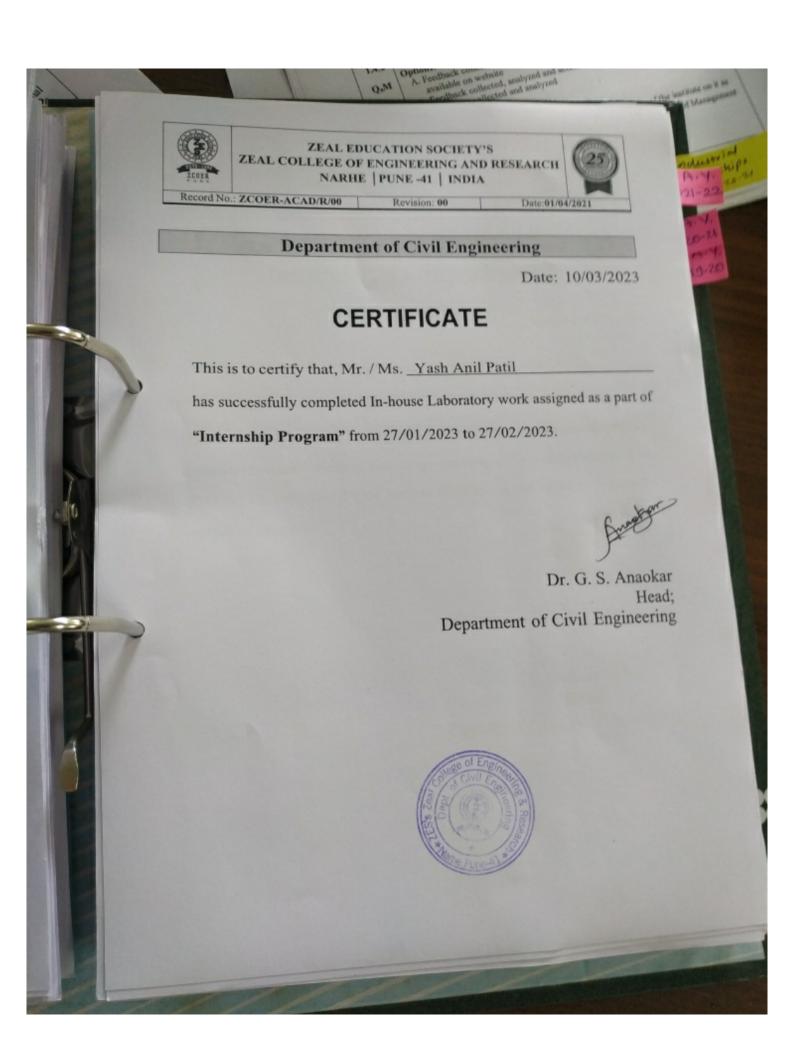
Smoth

Dr. G. S. Anaokar Head; Department of Civil Engineering











## ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/00

Revision: 00

Date:01/04/2021

## **Department of Civil Engineering**

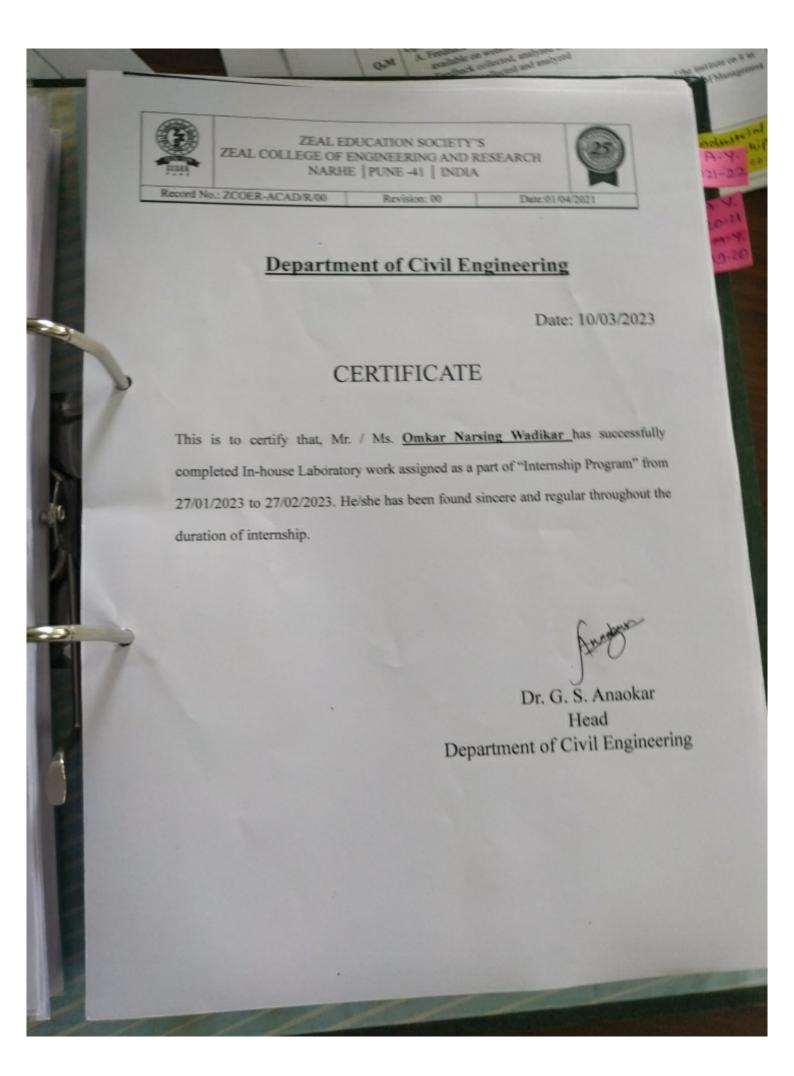
Date: 10/03/2023

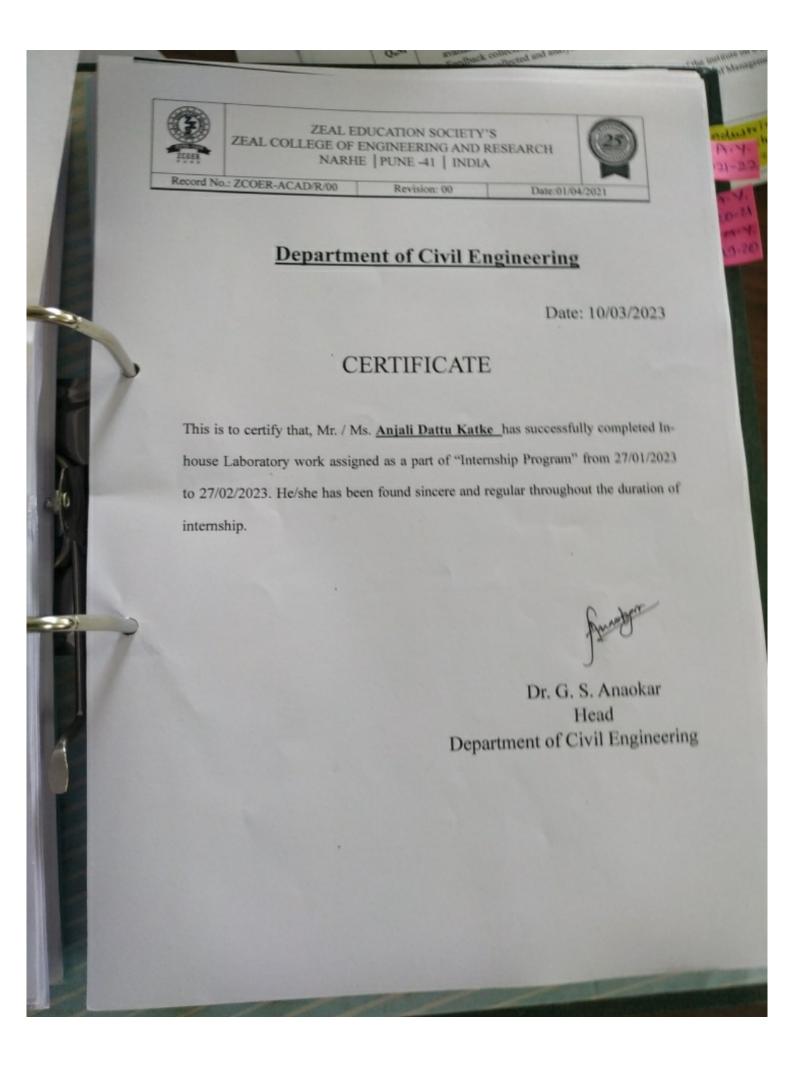
## CERTIFICATE

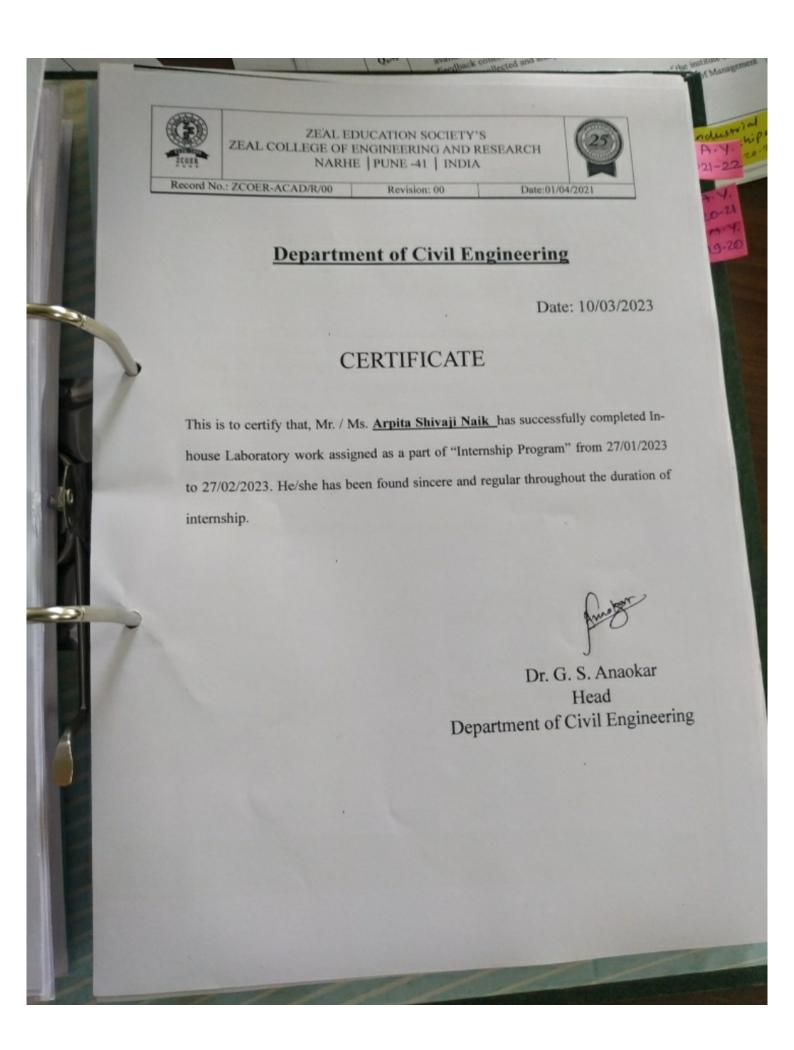
This is to certify that, Mr. / Ms. Akanksha Vitthal Sonkamble has successfully completed In-house Laboratory work assigned as a part of "Internship Program" from 27/01/2023 to 27/02/2023. He/she has been found sincere and regular throughout the duration of internship.

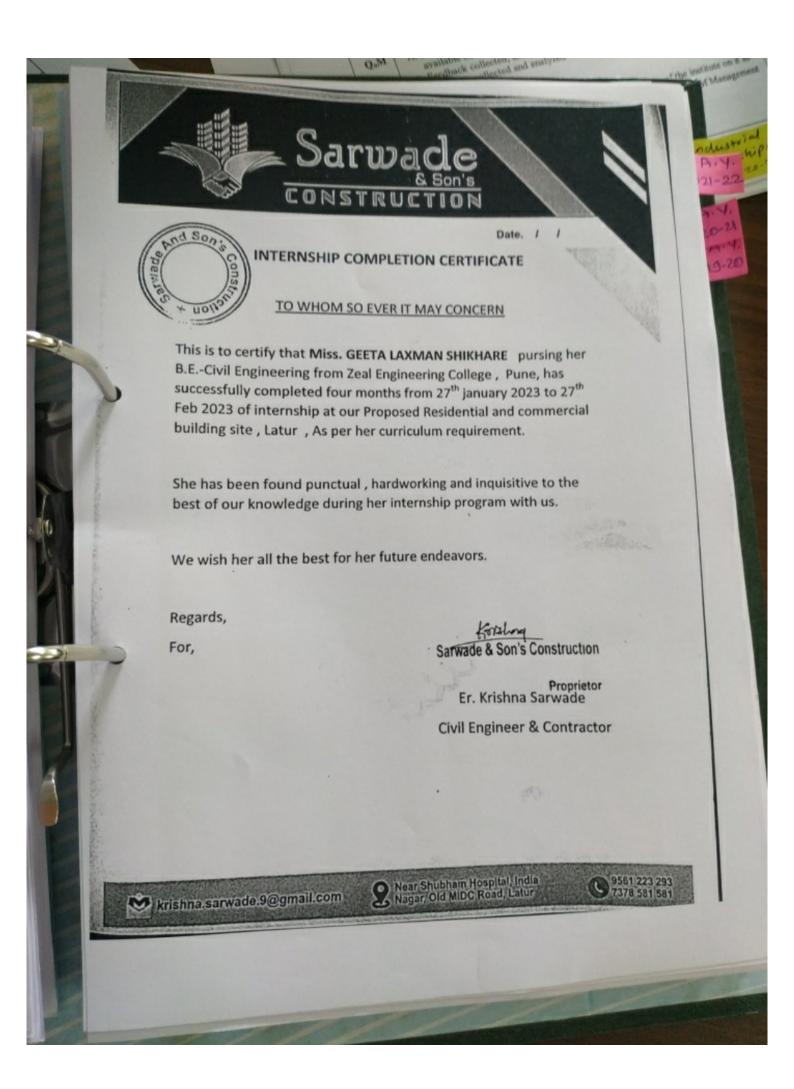
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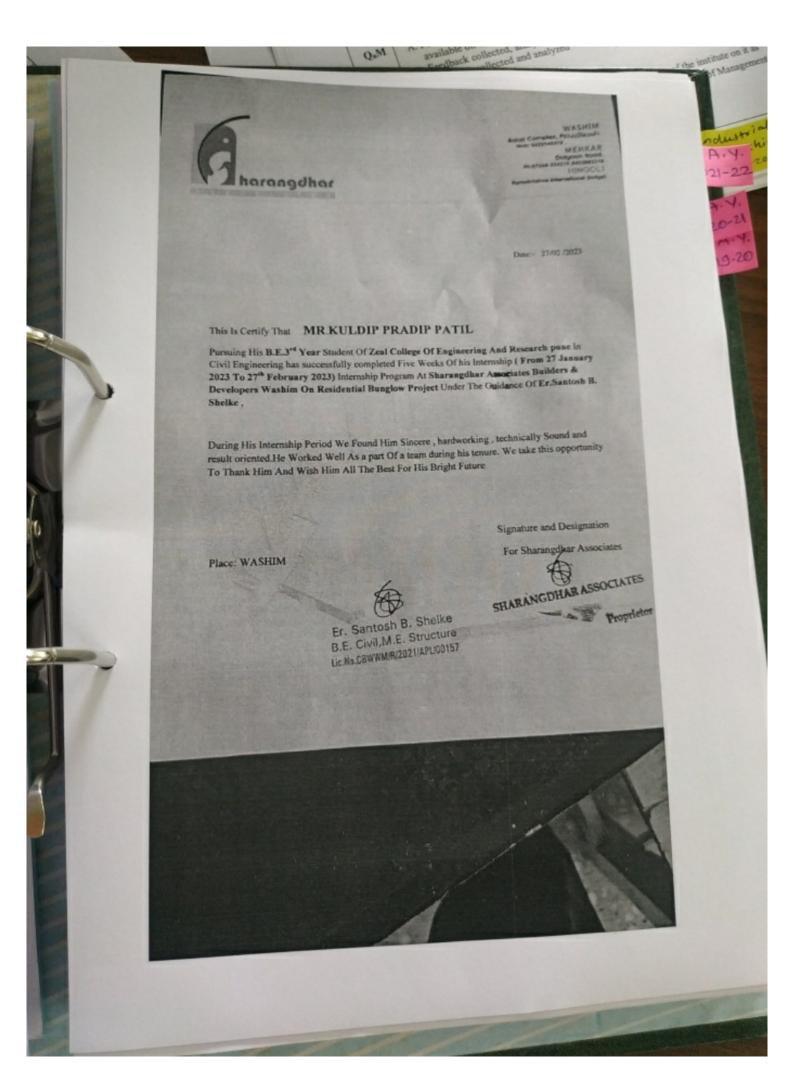
Dr. G. S. Anaokar Head Department of Civil Engineering

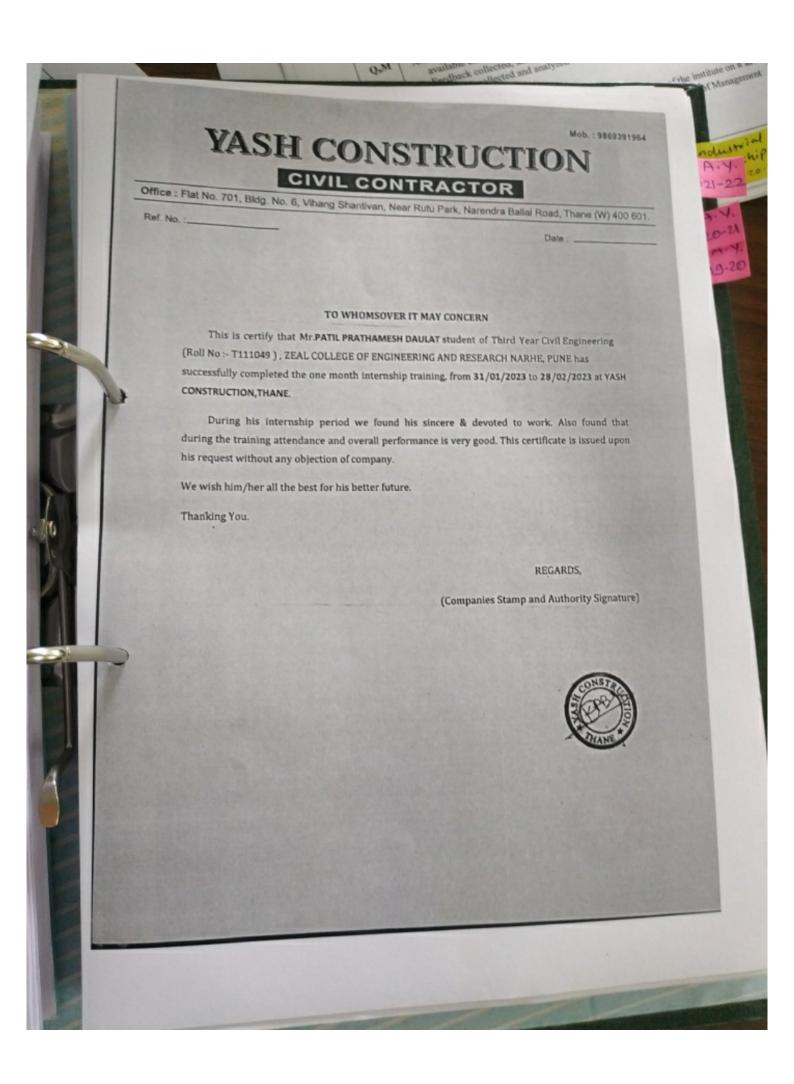


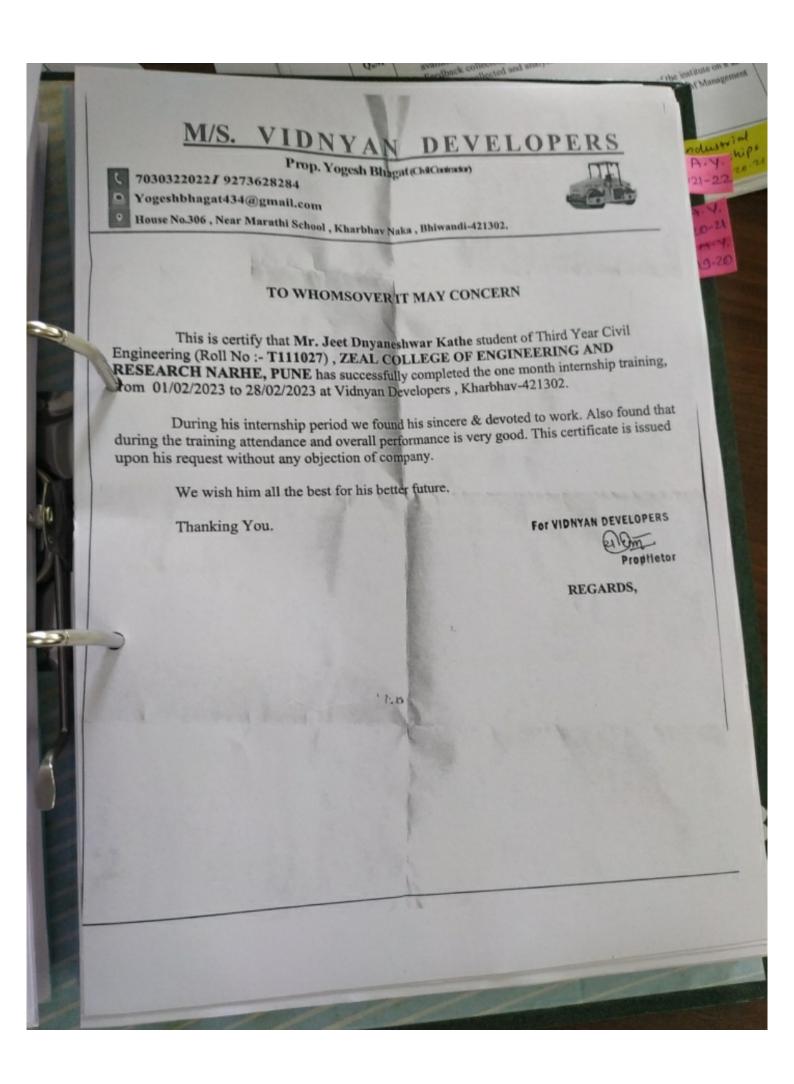


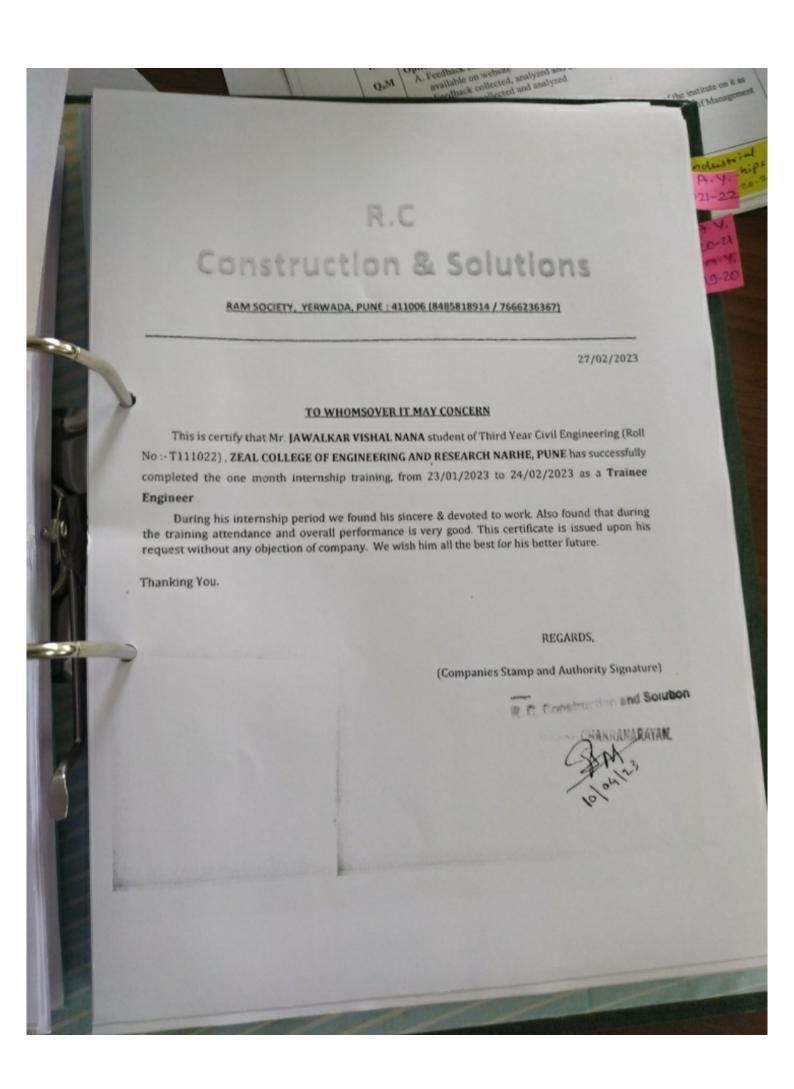


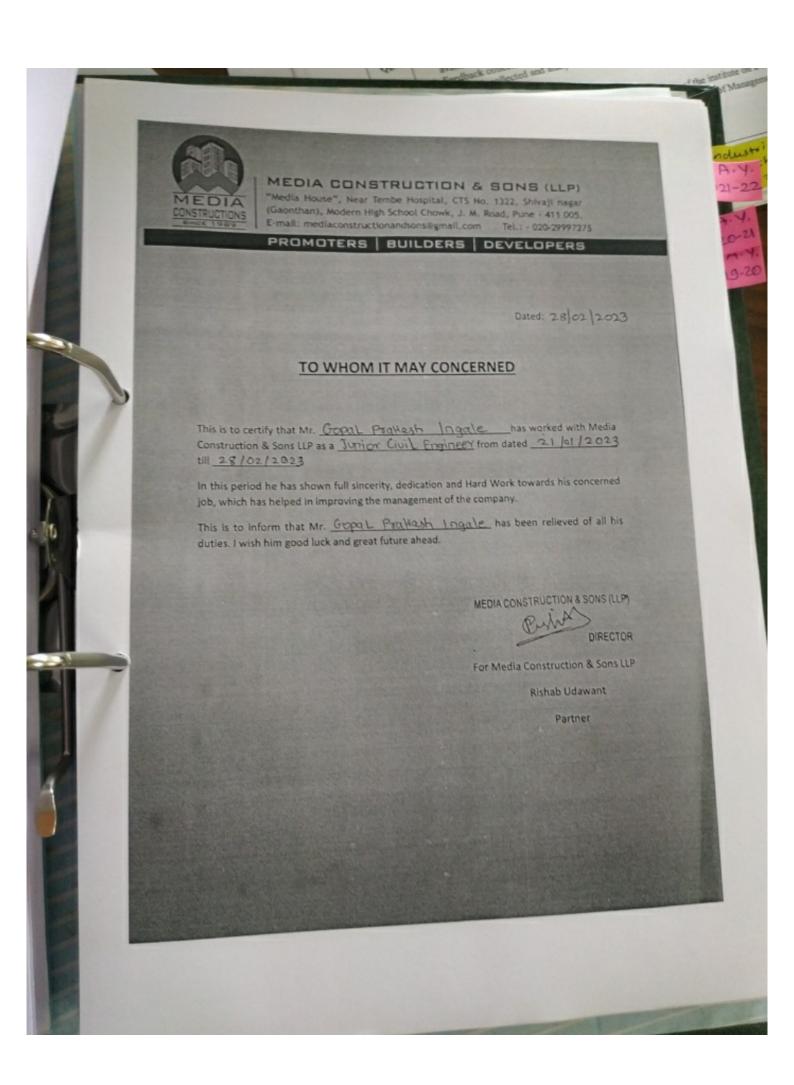


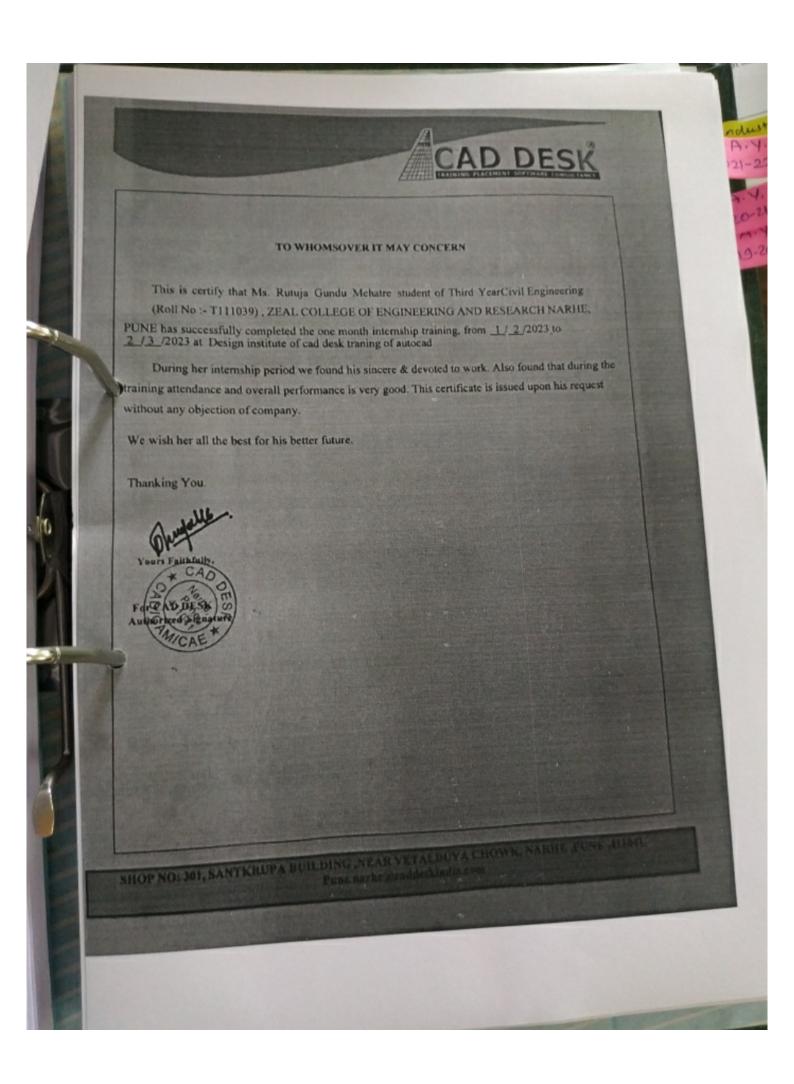


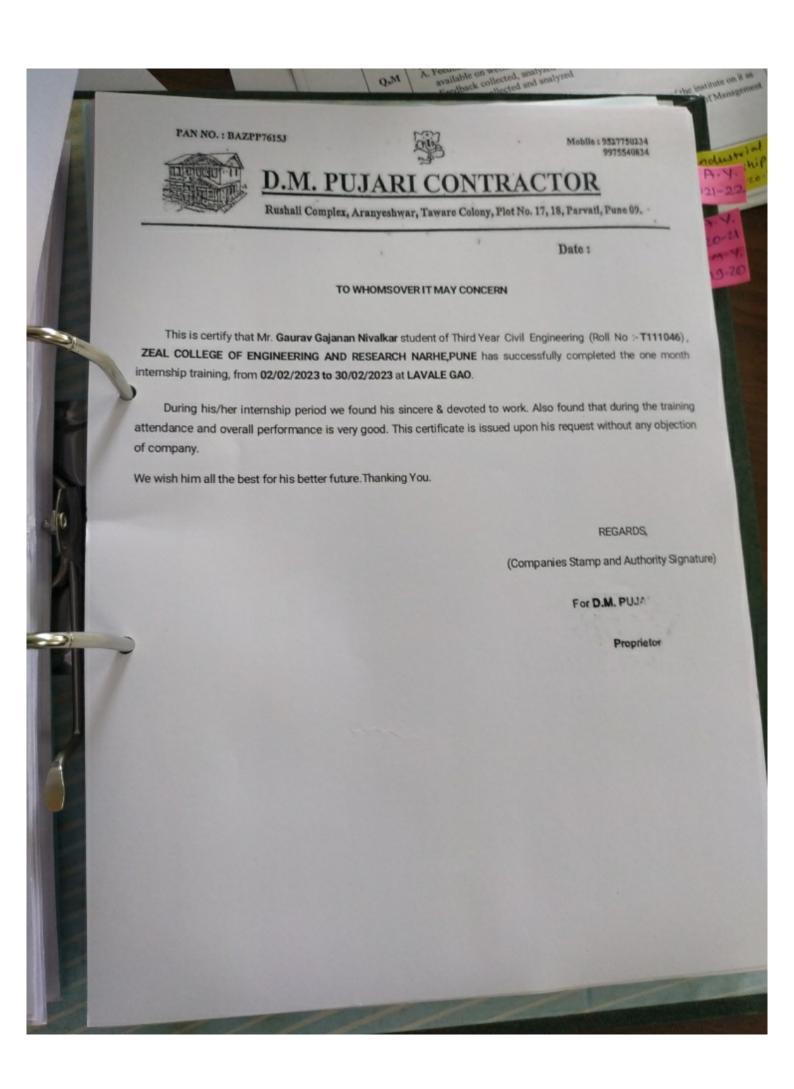


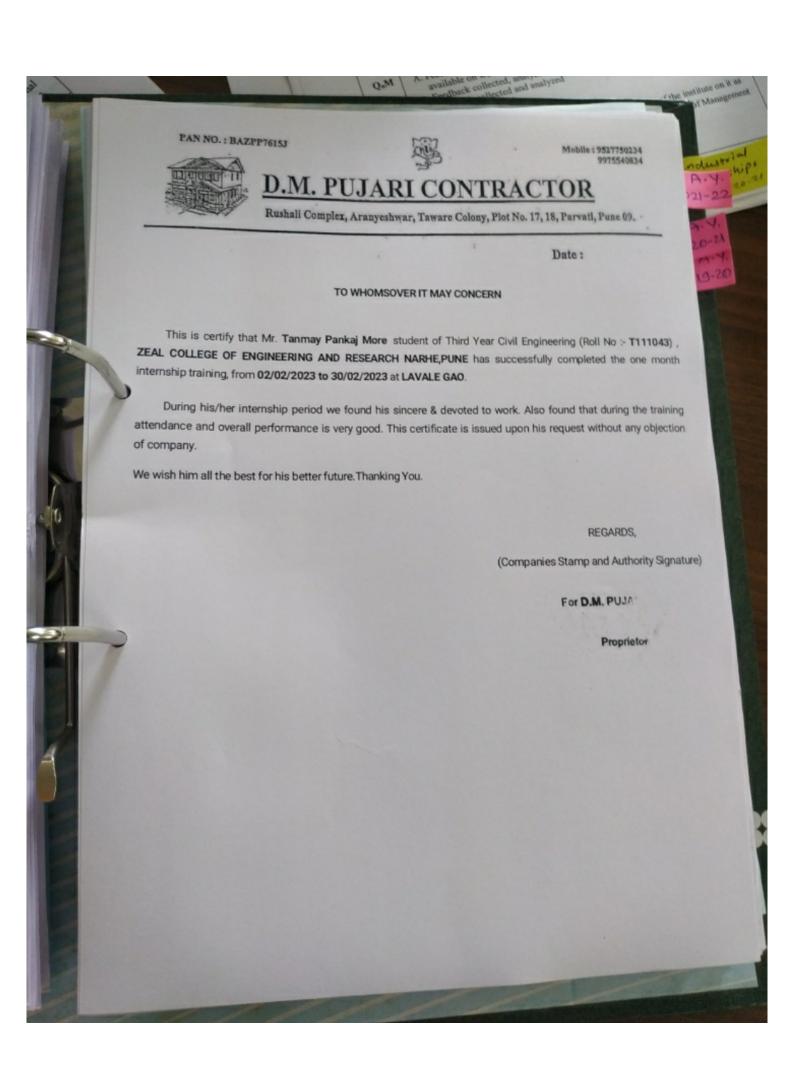


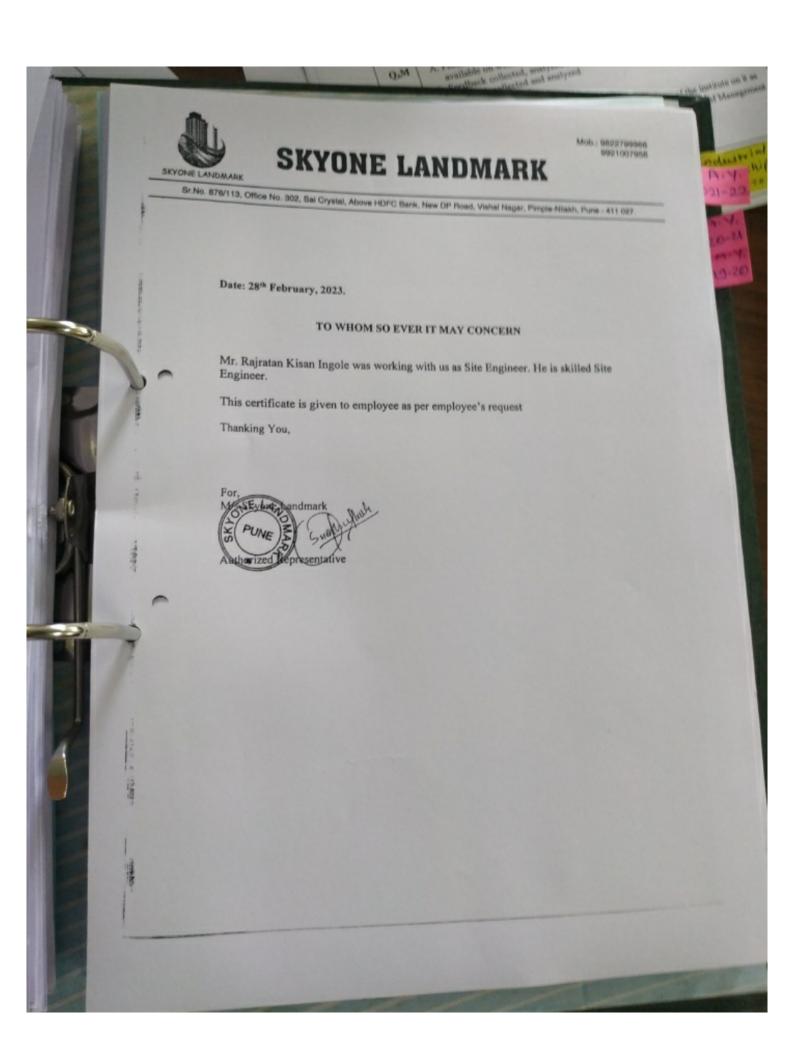


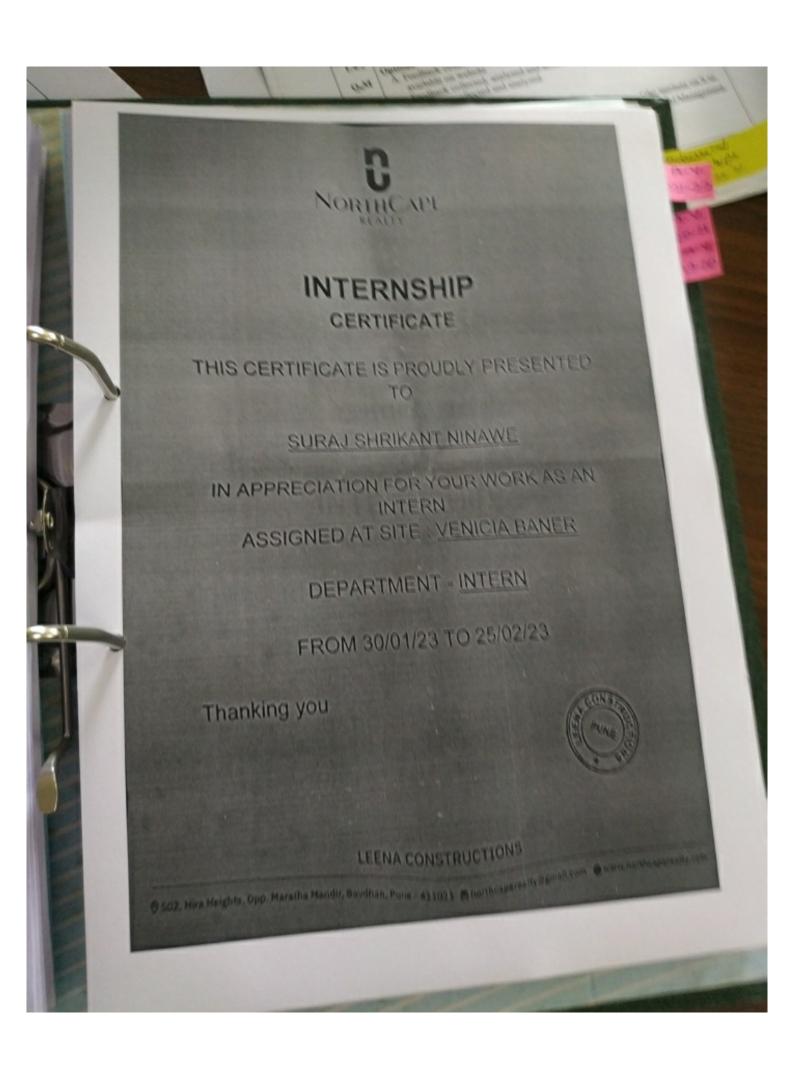


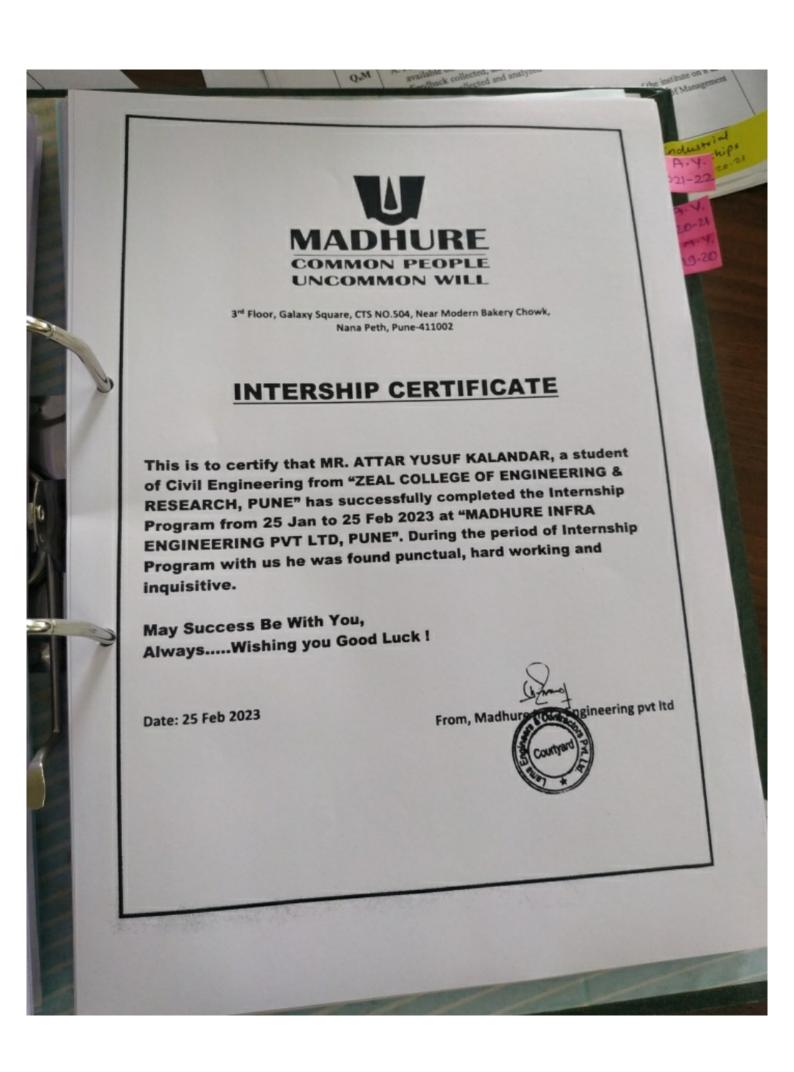












Sarthak Charwad 7447495252



Promoters & Builders

Alkatai Charwad Bunglow, Datta Mandir Chowk, Near Jadhav Nagar Wadgaon Bk, Pune-41.

## TO WHOMSOEVER IT MAY CONCERN

This is certify that Mr.Ruturaj Dilip Dixit student of Third Year Civil Engineering, ZEAL COLLGE OF ENGINEERING & RESEARCH, NARHE, PUNE has successfully completed the one month offline training in 'Sarthak Enterprises' from 30/01/2023 to 28/02/2023.

During his internship period we found him sincere and devoted to work honest student. He was good moral character. This certificate is issued to him upon his request without any objection of company. We wish him all the best for his better future.

Thanking You,

SARTHAK ENTERPRISES

Regards,



#### CERTIFICATE

This is to certify that MR. GANESH SHANKAR LAVUDYA

Pursuing his TE in Civil Engineering from Zeal College of Engineering & Research Narhe, Pune has successfully completed his 4 Week summer internship on civil sites of "VENKATESHWARA BUILDCORPS" from 28/01/23 to 28/02/23 on "Chintamani Sadan" development under the Guidance of Sr. Project Er. Manoj Shivaji Dhumal.

We found him sincere, hard working, technically sound and resul toriented. He has well experience daspart of a team during his tenure. We take opportunity to thank him and wish him all the best for his future endeavors.

Down

Proprietor

Date: 28/02/2023

Place: Pune



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. Rutika Manoj Bajare student of Third YearCivil Engineering (Roll No :- T1110002). ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE,

PUNE has successfully completed the one month internship training, from 1/2/2023 to 2/3/2023 at Design institute of cad desk training of autocad

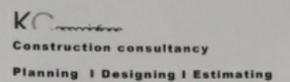
During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish her all the best for his better future.

Thanking You.

OESK ALLONGO SIGNATURE

SHOP NO: 301, SANTKRUPA BUILDING ,NEAR VETALBUVA CHOWK, NARHE ,PUNE ,411841.
Pune.warbe@coddrskindia.com



Er. Kanak D. Chavan (B.E.civil, D.M.E.) AT - Malvan

#### TO WHOMSOVER IT MAY CONCERN

This is to certify that Mr. BANSI JAYWANT LUDBE student of Third Year Civil Engineering (Roll No :- T111036), ZEAL COLLEGE OF ENGINEERING AND RESEARCH, NARHE, PUNE has successfully completed the one month internship training, from 25/01/2023 to 25/02/2023 at K C Construction Company, Malvan

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

REGARDS

K C Construction Company, Malvan

CIVIL ENGINEER
Cheven Kanek D.
(B.E.CMLDME)

# A. Y. TO WHOMSOVER IT MAY CONCERN This is certify that Mr/Ms. VAJAVEMANOHAR EAYSINGstudent of Third Year Civil Engineering (Roll No :- THIOTA ), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 01/03/2015tto 23/02/2015tto DEVELOPERS (mention project/site name) During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company. We wish him/her all the best for his better future. Thanking You. (Companies Stamp and Authority Signature)

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr/Ms. TADAVI RAHDL PRECITAL Student of Third Year Civil Engineering (Roll No:-Thio72), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 1/4/27 to 21/27 at EKDANT. (mention project/site name)

DEVELOPERS

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him/her all the best for his better future.

Thanking You.

OPERSON -

(Companies Stamp and Authority Signature)



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. Anuradha Sahebrao Waghmare student of Third YearCivil Engineering

(Roll No :- T111077), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 1/2/2023 to 2/3/2023 at Design institute of cad desk training of autocad

During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish her all the best for his better future.

Thanking You.





SHOP NO: 301, SANTKRUPA BUILDING ,NEAR VETALBUVA CHOWK, NARHE ,PUNE ,411041.
Pune.narbe@caddeskindia.com



### . KUMAR-CRTG (JV)



16-A, Andheri Industrial Estate, Veera Desal Road, Andheri (West), Mumbai-400053.
Ph.:+91-22-6774 3555 / 26730291 / 26730848 • Fax : 91-22-2673 0814 • E-mail : Info@jkumarcrtg.com

Ref No: JKUMAR/MU/LINE-06/BC-03/

Date: - 28.02.2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Dnyaneshwari Samapt Dumbre student of Zeal Collage of Engineering, and Research Narhe Pune, completed her internship from 02.02.2023 to 28.02.2023

At our Mumbai Metro Line 06 BC 03 project.

During the period of her internship programme with us she was found punctional, hardworking and sincere to work.

We wish her all the very best for a successful career ahead.

Yours Sincerely

For, J Kumar Infraprojects Ltd.

Authorised Signatory



# MAULI

Address: - Hissa No 1, S No 166, Dhayari, Sinhgad Road Dhayari Near Ganesh Temple,
Pune, Maharashtra, 411041

Reg. No. -27BTEPB6381D1ZW

Date :- 03/04/2023

#### TO WHOM SO IT MAY CONCERN

This is certify that Mr.Sourabh Ravindra Bhalerao student of Third Year Civil Engineering (Roll No :- T111006). ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to 28/02/2023 at Kirkatwadi Malhar Aangan Under Mauli Construction.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future. Thanking You.

Director

Mr. KETAN SANJAY BHAREKAR

Scanned by CamScanner



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr/Ms.Rohan Shashikant Salunkhe student of Third Year Civil Engineering (Roll No:- T111060), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to. 28/02/2023 at Gt pride.

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him/her all the best for his better future.

Thanking You.

REGARDS,
(Companies Stamp and Authority Signature)





P Near PCMC School, Kiwale, Pune - 412101. -

2 +91-9130102828 | +91-9850992926 50 gtassociates9@gmail.com

Dema 24

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BAMCO

11 M 11

5207417778

#### sr B A Mali & Company

**Regd Govt Contractors & Engineers** 

bamali.co@rediffmail.com

Date: 01/03/2023

#### TO WHOM IT MAY CONCERN

This is to certify that Mr. Pankaj Machindra More a student at 3<sup>rd</sup> year in Civil Engineering of Zeal College of Engineering and Research Narhe Pune Under Savitribai Phule Pune University Has Successfully Completed one month (from 1<sup>rd</sup> Feb to 28<sup>th</sup> Feb of 2023) Internship Program.

Mr. Pankaj Machindra More Completed his Training on various job on Civil Construction Building Works his attendance and performance during training found excellent.

We wish him every success in life. Sincerely,

M/s. B. A. Mali & Co

Eng. Madhukar B Mali, Executive Partner,

Indumati Niwas, Mahatma Phule Nagar, Atpadi, Tal. Atpadi Dist. Sangli - 415 301

Plant Site: Vibhutwadi, Tal. Atpadi, Dist. Sangli Ph.02343 - 242212, 221877 Mo.7588088712,9579483505,9673205111

### M/S. SHIVRAJ CONSTRUCTION

Prop. Mr. Amogi P. Shinde (GovernmentCh4Contractor)



99218284621 7773967745

pappushinde7775@gmail.com



Flat No.306 Sr/No.32, H No. 18 (P) Sneh Building, Abhinav College Road, Narhe, Pune-411041.

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr. Pawan Santosh Khandare student of Third Year Civil Engineering (Roll No:- T111031), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 01/02/2023 to 28/02/2023 at Shivraj Construction, Narhe-411041.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

REGARDS.





#### D.M. PUJARI CONTRACTOR

Rushali Complex, Aranyeshwar, Taware Colony, Plot No. 17, 18, Parvati, Pune 69.

Date :

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr. Pratik Suresh Shinde student of Third Year Civil Engineering (Roll No:-T111065), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 02/02/2023 to 30/02/2023 at BANER.

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

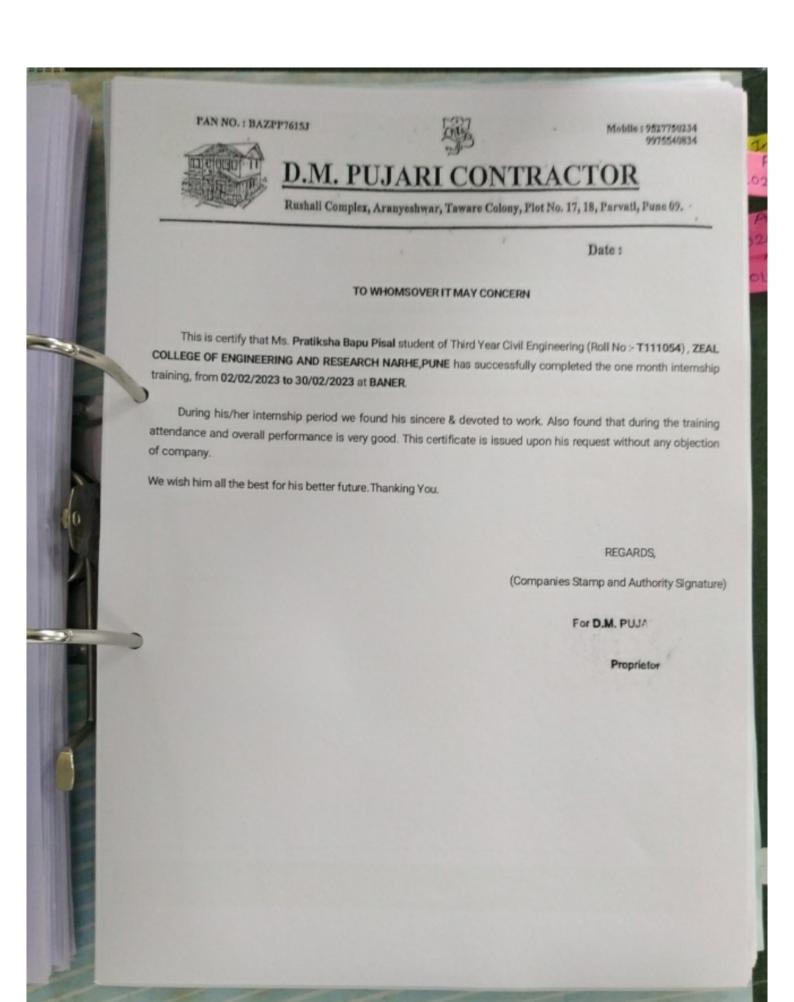
We wish him all the best for his better future. Thanking You.

REGARDS,

(Companies Stamp and Authority Signature)

For D.M. PUJA

Proprietor





#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. Sanika Sanjay Sonwal student of Third YearCivil Engineering (Roll No > T111070), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE,

PUNE has successfully completed the one month internship training, from 1/2/2023 to 2/3/2023 at Design institute of cad desk training of autocad

During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish her all the best for his better future.

Thanking You.

Yours Faithfully,

For CAD DESK Authorized Signature

SHOP NO: 301, SANTKRUPA BUILDING ,NEAR VETALBUVA CHOWK, NARHE ,PUNE ,411041.

Pune.narhe@caddeskindia.com

#### MATRU CHHAYA CONSTRUCTION

Shewale Park, SR No I/7, Flat No 204 A Wing, Shahu Colony. Lane no 04 Karve Nagar, Pune:-411052 Mob. No 7888238383 / 9881061 1 77

Pan no : BEDPL5319B GST NO :- 27BEDPL53191ZU



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms:-Pooja Shriram Kamble student of Third Year Civil Engineering (Roll No:-T111026), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 28/01/2023 to 28/02/2023 at SAI SMRUTI Lane No 07 Dahanukar Colony, Kothurd.pune.

During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish her all the best for his better future. Thanking You. REGARDS.

MATRU CHHAYA CONSTRUCTION

MATRU CHHAYA CONSTRUCTION



#### MAULI CONSTRUCTIONS ®

Address - Hissa No 1, S No 166, Dhayari, Sinhgad Road Dhayari Near Ganesh Temple,
Pune, Maharashtra, 411041

Reg. No. -27BTEPB6381D1ZW

Date :- 03/04/2023

#### TO WHOM SO IT MAY CONCERN

This is certify that Mr.Pranay Santosh Bharekar student of Third Year Civil Engineering (Roll No :- T111007), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to 28/02/2023 at Kirkatwadi Malhar Aangan Under Mauli Construction.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

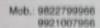
Thanking You.

Director

Mr.KETAN SANJAY BHAREKAR

For Mauli Construction
Proprietor

Scanned by TapScanner





#### **SKYONE LANDMARK**

Sr.No. 876/113, Office No. 302, Sai Crystal, Above HDFC Bank, New DP Road, Vishal Nagar, Pimple-Nilakh, Pune - 411 027

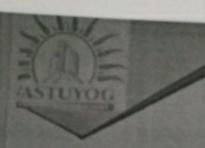
Date: 28th February, 2023.

#### TO WHOM SO EVER IT MAY CONCERN

Mr. MISAL SHIVAM MANIK was working with us as Site Engineer. He is skilled Site Engineer.

This certificate is given to employee as per employee's request Thanking You,





#### VASTUYOG ENGINEERS&CONTRACTORS

K.M.G./T.P.Reg.No.00057/2020-21 Date 24/ 82/ 282 3

#### CERTIFICATE

This is to certified that Ms.Laxmi Shamrao Khabale student of B.E. CIVIL Zeal collage of engineering Pune. She has been completed his institutional site training from 25/01/2023 TO 25/02/2023 at Canvas English School Kallam, Tal. Kallam ,Dist. Osmanabad She is found energetic and ability to learn new things. Her performance during above period is excellent.

Hence Certified!

ER. ASHISH A. SHINDE Consulting Civil Eng. K.M.C.J T.P. Reg. No. 20057/2028-21



# MAULI CONSTRUCTIONS

Address :- Hissa No 1, S No 166, Dhayari, Sinhgad Road Dhayari Near Ganesh Temple,
Pune, Maharashtra, 411041

Reg. No. -27BTEPB6381D1ZW

Date :- 03/04/2023

#### TO WHOM SO IT MAY CONCERN

This is certify that Mr.Yashkumar Shankar Rathod student of Third Year Civil Engineering (Roll No:- T111058). ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to 28/02/2023 at Kirkatwadi Malhar Aangan Under Mauli Construction.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future. Thanking You.

Director

Mr.KETAN SANJAY BHAREKAR

Fold Mauricon Construction



Santosh Rathod 9764647646 srathod0064@gmail.com Sujay Shinde 9518902310 shinde.sujay30@gmail.com

Date :- 10/04/2023

#### TO WHOM SO IT MAY CONCERN

This is to certify that Mr. Sahil Yashwant pawar student of Third Year Civil Engineering (Roll no :- T111052), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training from 30/01/2023 to 28/02/2023 at kothrud paud road under SRS construction.

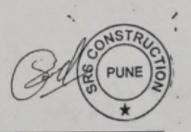
During his internship period we found his sincere and devoted to work also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking you.

Director,

Niranjan Gaikwad



Sr.No.- 18/2/5/3, Sukhsagar Nagar, Lane No.-7, Near ShivamJwellers, Katraj, Pune - 411048.



#### MEDIA CONSTRUCTION & SONB (LLP)

"Media House", Near Tembe Hospital, CTS No. 1322, Shivaji nagar (Gaonthan), Modern High School Chowk, J. M. Road, Pune - 411 005. E-mail: mediaconstructionandsons@gmail.com Tel.: - 020-29997275

PROMOTERS | BUILDERS | DEVELOPERS

Dated: 2.4 |02 |2023

#### TO WHOM IT MAY CONCERNED

This is to certify that Mr. Kunol Surit Ram Yeke has worked with Media Construction & Sons LLP as a Turner Civil Engineer from dated 2-1101/2023 till 28/02/2023.

In this period he has shown full sincerity, dedication and Hard Work towards his concerned job, which has helped in improving the management of the company.

This is to inform that Mr. Kungl Surit Romtelee has been relieved of all his duties. I wish him good luck and great future ahead.

MEDIA CONSTRUCTION & SONS (LLF)

DIRECTOR

For Media Construction & Sons LLP

Rishab Udawant

Partner



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. Pooja Madhukar Surwase student of Third YearCivil Engineering (Roll No > T111071), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE,

PUNE has successfully completed the one month internship training, from 1/2/2023 to 2/3/2023 at Design institute of cad desk training of autocad

During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

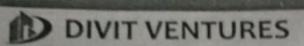
We wish her all the best for his better future.

Thanking You.

Yours Faithfully.

For CAD DESK Authorized Signature

SHOP NO: 301, SANTKRUPA BUILDING ,NEAR VETALBUVA CHOWK, NARHE ,PUNE ,411041.
Pune.narhe@caddeskindia.com



\$03/A. Galleria Shopping Center, Hiranandani Gardens, Powal, Mombai 400 076. Tel No. 25451000/25797935, Email trichopda@yahoo.com

Date: -04/02/2023.

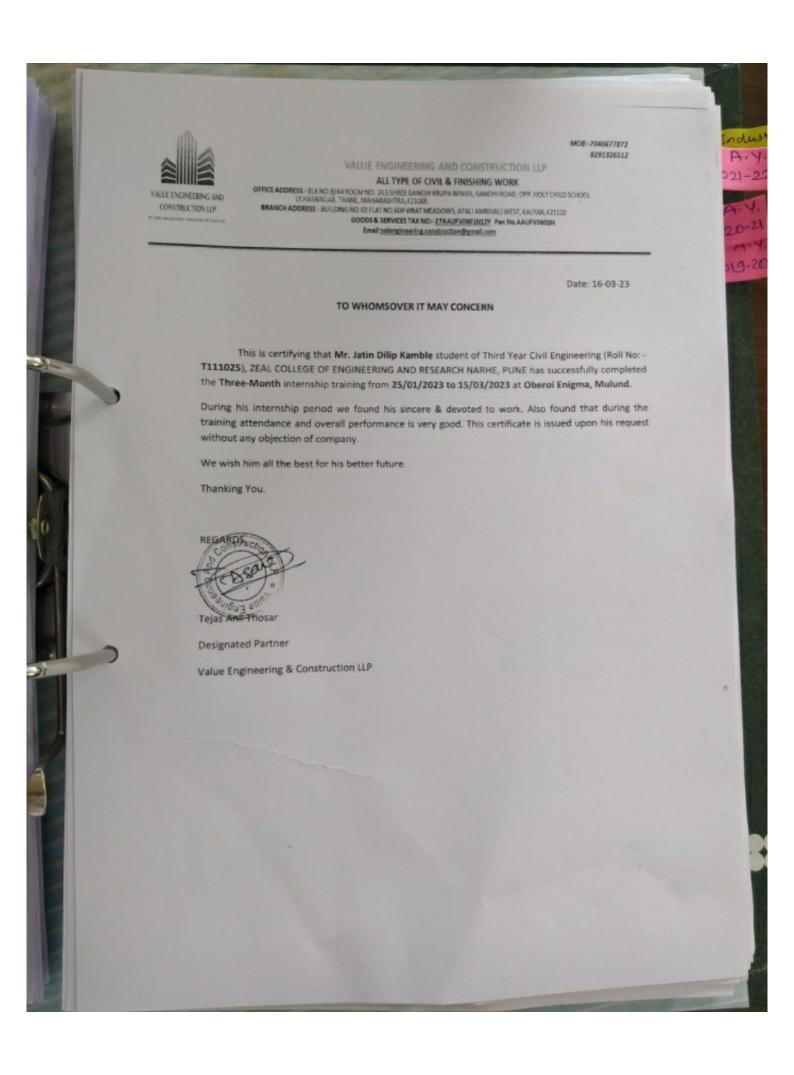
#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. HRITIK BICHAKULE was employed with us in the capacity of TRAINEE ENGINEER at our KONAR BUSINESS PARK, THANE site and his tenure in the organization was from 10.12.2022 To 06.01.2023.

We would also like to state herein that during his tenure, we found him to be hardworking sincere and committed in his work and towards the organization

Thanking you







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Rebuild - Restore - Rejuvenate
All Types of Civil Work & Building Reparing Work

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9423832547 / 8652627935 / 9653364142 / 9321592781 Email : vinodsachavan@gmail.com



#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. Janvi. Satish Chavan student of Third Year Civil Engineering (Roll No: T111011), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE,

PUNE has successfully completed the one month internship training, from 30/01/2023\_ to

18/02/2023. at \_BIMA Co. Op. Hsg Soc, Refurbishment Work.

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

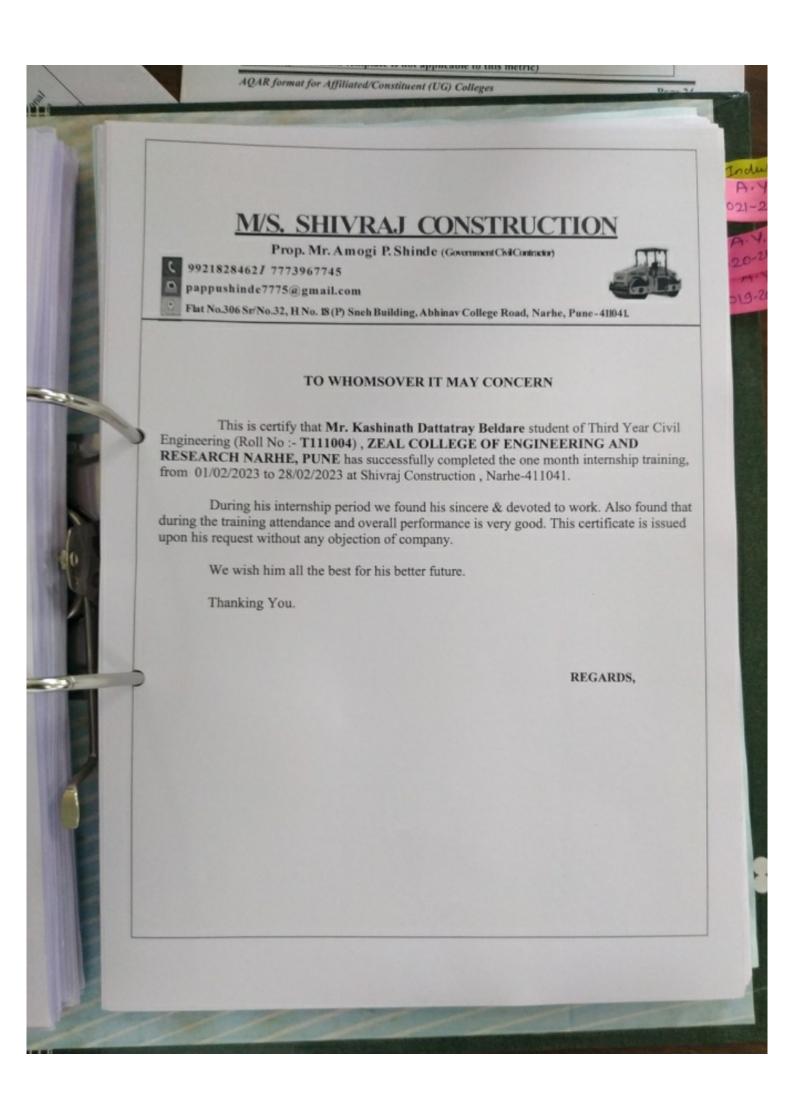
We wish him/her all the best for his better future.

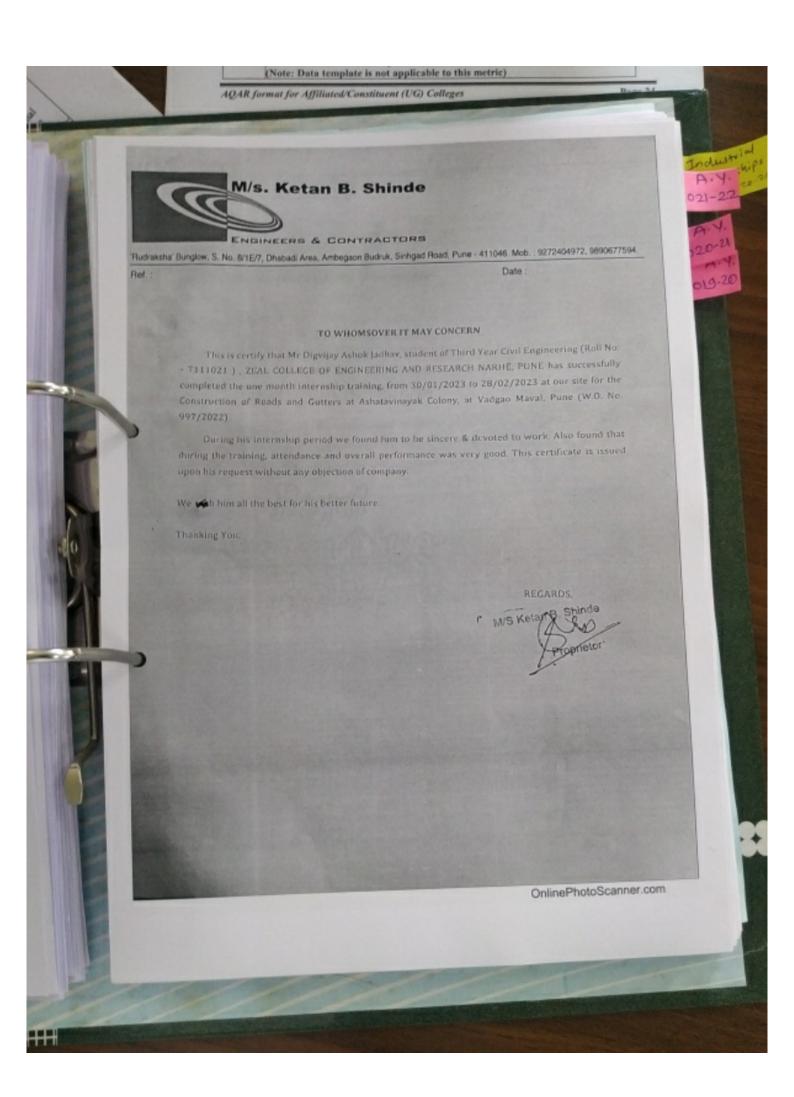
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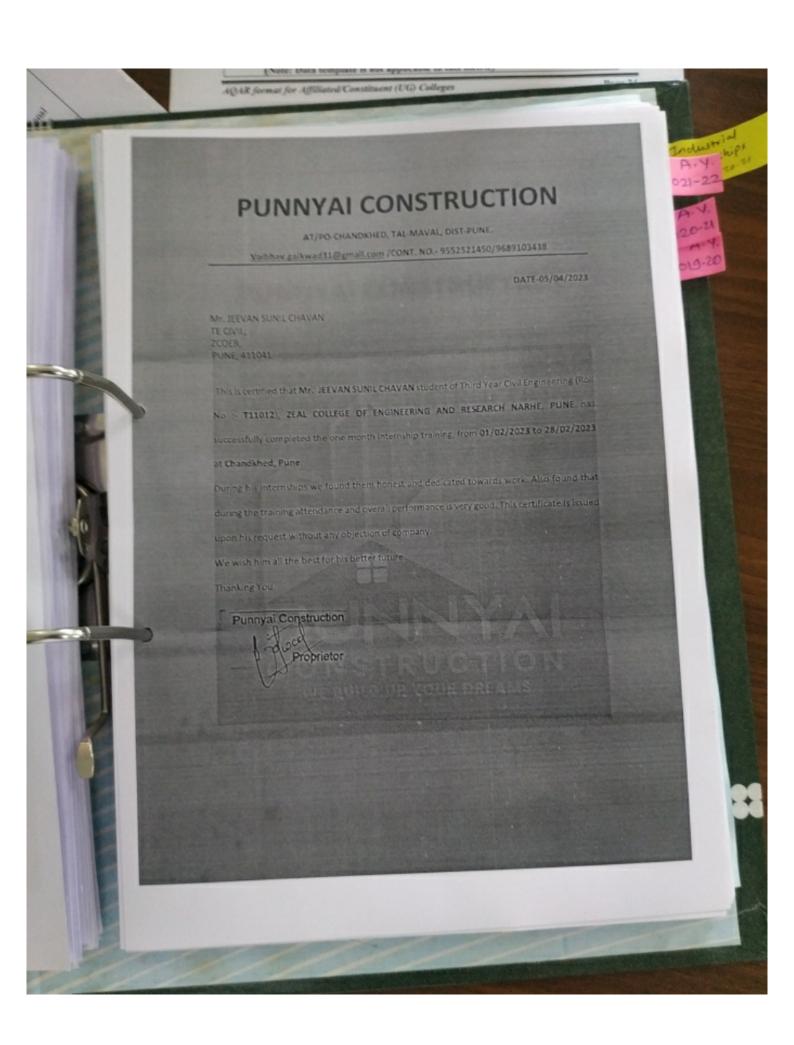
REGARDS

FOR GUNAWANTA BUILDOON LLP

PARTNER









#### TO WHOMSOVER IT MAY CONCERN

This is certify that Ms. AKSHATA SUBHAS KADAM student of Third YearCivil Engineering (Roll No :- T111023), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE.

PUNE has successfully completed the one month internship training, from 1/2/2023 to 2/3/2023 at Design institute of cad desk training of autocad

During her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish her all the best for his better future.

Thanking You.

Opportable



SHOP NO: 301, SANTKRUPA BUILDING NEAR VETALBUVA CROWK, NARHE, PUNE, 411041.

Pune, narhu@eaddeskindla.com



# CERTIFICATE

THIS CERTIFICATE IS PROUDLY PRESENTED TO

#### **ANKIT PARMAR**

IN APPRECIATION FOR YOUR WORK AS AN INTERN
ASSIGNED AT SITE - IMPERIAL SPLENDORA
DEPARTMENT - SITE SUPERVISION
FROM 23/01/23 TO 27/02/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



1st floor, Plot no.2, N-8 chowk, near hp gas agency CIDCO, Aurangabad.

#### INTERNSHIP CERTIFICATE

This is certify that MR. RATHOD YOGESH ARJUN, a student of civil engineering from "ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE has successfully complete the internship program from 21 Jan to 20 Feb 2023 at Ajinkya group of design and construction, Aurangabad. During the period of this internship programme with us he was found punctual, hardworking & inquisitive.

We wish him every success in life.

Date: 20 Feb 2023

from, Ajinkya groups

Er. Ajig Va Pladeep Guras

Rag. No. DDMCB/R/APL/01089 Nab. 9595856311, 9357526311

# **PUNNYAI CONSTRUCTION**

AT/PO-CHANDEHED, TAL MAVAL, DIST PUNE.

Valbhav galkwad \$1@gmail.com /CONT. NO. 9552521450/9685103438

DATE-05/04/2023

Mr. ABHINAY SATISH SHILIMKAR TE CIVIL, ZCOER, PUNE, 411041

This is certified that Mr. ABHINAY SATISH SHILIMKAR student of Third Year Co

Engineering (Roll No :- T11064), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE

PUNE has successfully completed the one month internship training, from 01/02/2023 to

28/02/2023 at Chandkhed, Pune.

During his internships we found them honest and dedicated towards work. Also found that

during the training attendance and overall performance is very good. This certificate is issued

upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

Punnyai Construction

Proprietor

# SHREE LAXMI DEVELOPERS

GAOTHAN AMBEGADN BK, TAL-HAVELI, DIST-PUNE 411046 CONTACT NO - 9890355553, 9822315436.

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr.SAHIL GORAKH SONDKAR student of Third Year Civil Engineering (Roll No:-T111068), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to 28/02/2023 at SHREE LAXMI DEVELOPERS.

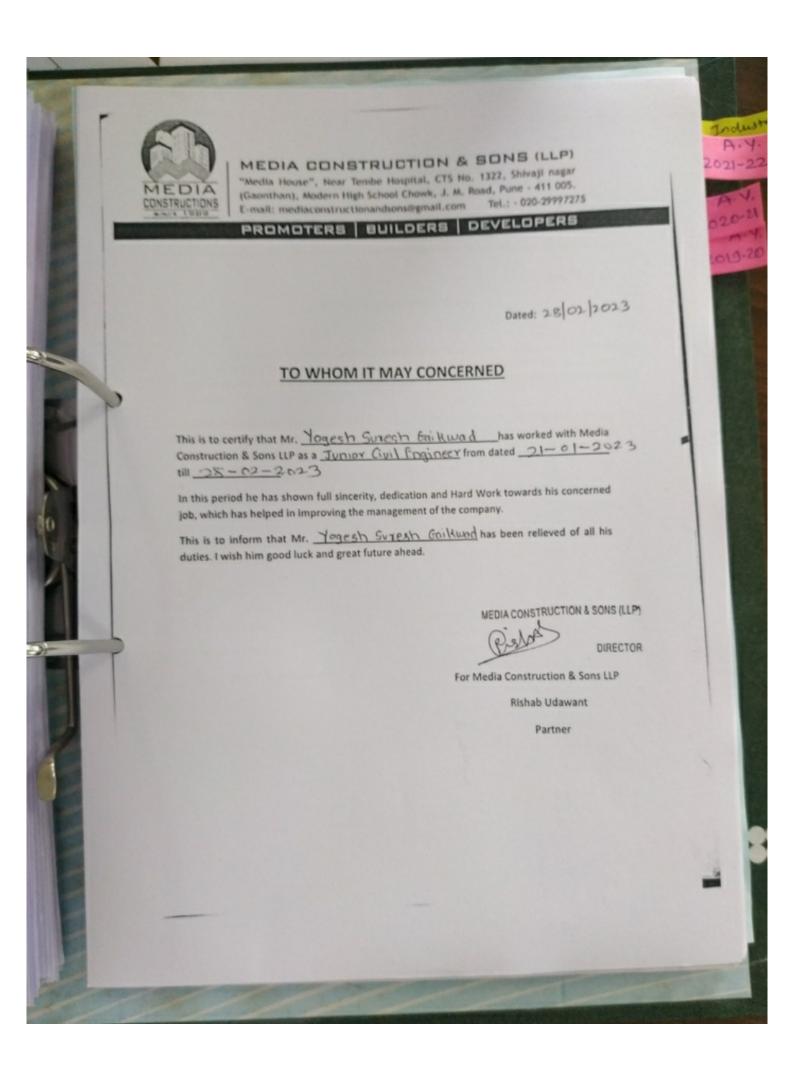
During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

Shri Laxed Developers

REGARDS.





#### VALUE ENGINEERING AND CONSTRUCTION ILP

#### ALL TYPE OF CIVIL & FINISHING WORK

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MANCH ADDRESS. SCHOMOTO SCHOOL SERVING MEMORIES, STALLAND SHAPE SCHOOL SCHOOL STALL SCOOL & SERVICES THE NOT- EXAMPLE SHEET, Fact St. A.S. P. (SEC.) look using hearing, contracted \$prod. con

Date: 16-03-23

#### TO WHOMSOVER IT MAY CONCERN

This is certifying that Mr. Sanjay Nagnath Vekhande student of Third Year Civil Engineering (Roll No: - T111075), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the Three-Month internship training from 25/01/2023 to 15/03/2023 at Oberol Enigma, Mulund.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

REGARDS

Tejas Anil Thosar

Designated Partner

Value Engineering & Construction LLP



# D.M. PUJARI CONTRACTOR

Rushall Complex, Aranyeshwar, Taware Colony, Plot No. 17, 18, Parvati, Pune 69.

Date:

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr. Sanju Dundappa Pujari student of Third Year Civil Engineering (Roll No :- T111055)

ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 02/02/2023 to 30/02/2023 at LAVALEGAO.

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

Ve wish him all the best for his better future. Thanking You.

REGARDS,

(Companies Stamp and Authority Signature)

For D.M. PUJA

Proprietor

Construction consultancy
Planning | Designing | Estimating

Er. Kanak D. Chavan (B.E.civil, D.M.E.) AT - Malvan

#### TO WHOMSOVER IT MAY CONCERN

This is to certify that Mr. BANSI JAYWANT LUDBE student of Third Year Civil Engineering (Roll No : T111036), ZEAL COLLEGE OF ENGINEERING AND RESEARCH, NARHE, PUNE has successfully completed the one month internship training, from 25/01/2023 to 25/02/2023 at K C Construction Company, Malvan

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

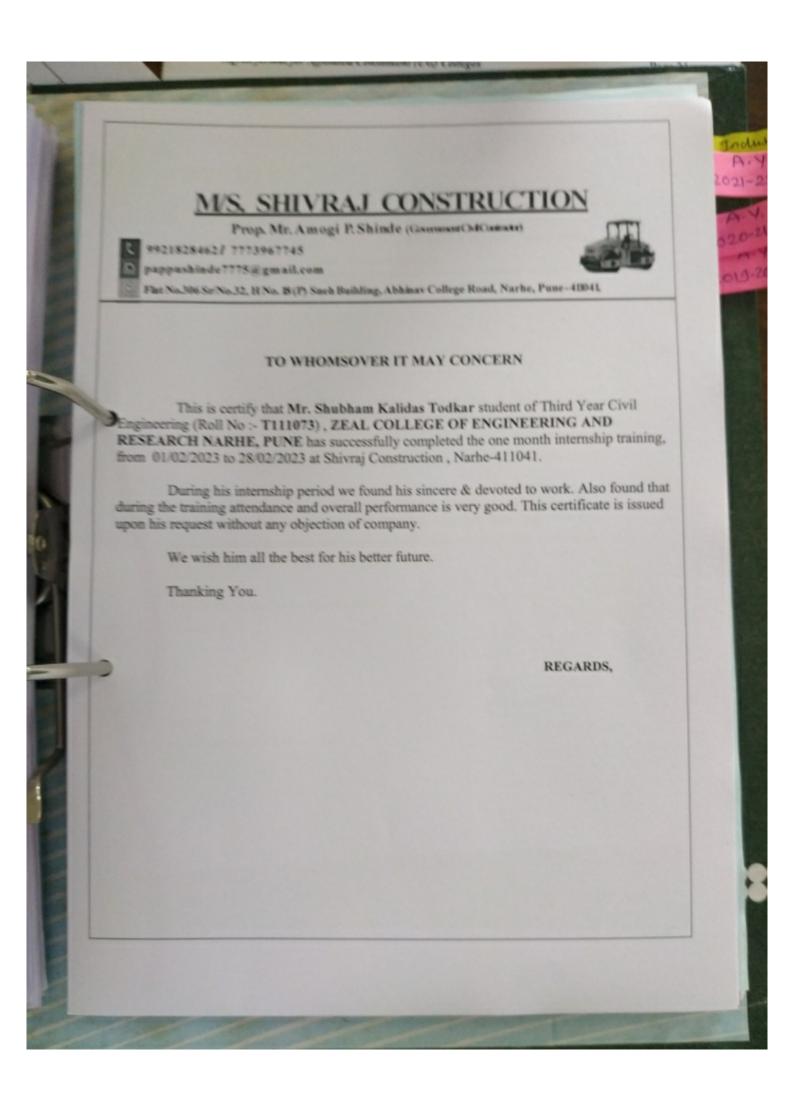
We wish him all the best for his better future.

Thanking You.

CIVIL ENGINEER Chavan Kanak D. (B.E.CIVII.DME)

REGARDS

K C Construction Company, Malvan





#### MAULI CONSTRUCTIONS

Address :- Hissa No 1, S No 166, Dhayari, Sinhgad Road Dhayari Near Ganesh Temple,
Pune, Maharashtra, 411041

Reg. No. -27BTEPB6381D1ZW

Date > 03/04/2023

#### TO WHOM SO IT MAY CONCERN

This is certify that Mr.Shubham Chandrakant Mane student of Third Year Civil Engineering (Roll No: T111038), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 30/01/2023 to 28/02/2023 at Kirkatwadi Malhar Aangan Under Mauli Construction.

During his internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

We wish him all the best for his better future.

Thanking You.

Director

Mr.KETAN SANJAY BHAREKAR

For Mauli Construction

Proprietor



## D.M. PUJARI CONTRACTOR

Rushali Complex, Aranyeshwar, Taware Colony, Plot No. 17, 18, Parvatl, Pune 69.

Date:

#### TO WHOMSOVER IT MAY CONCERN

This is certify that Mr. Swapnil Sairam Pawar student of Third Year Civil Engineering (Roll No : T111053), ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE, PUNE has successfully completed the one month internship training, from 02/02/2023 to 30/02/2023 at BANER.

During his/her internship period we found his sincere & devoted to work. Also found that during the training attendance and overall performance is very good. This certificate is issued upon his request without any objection of company.

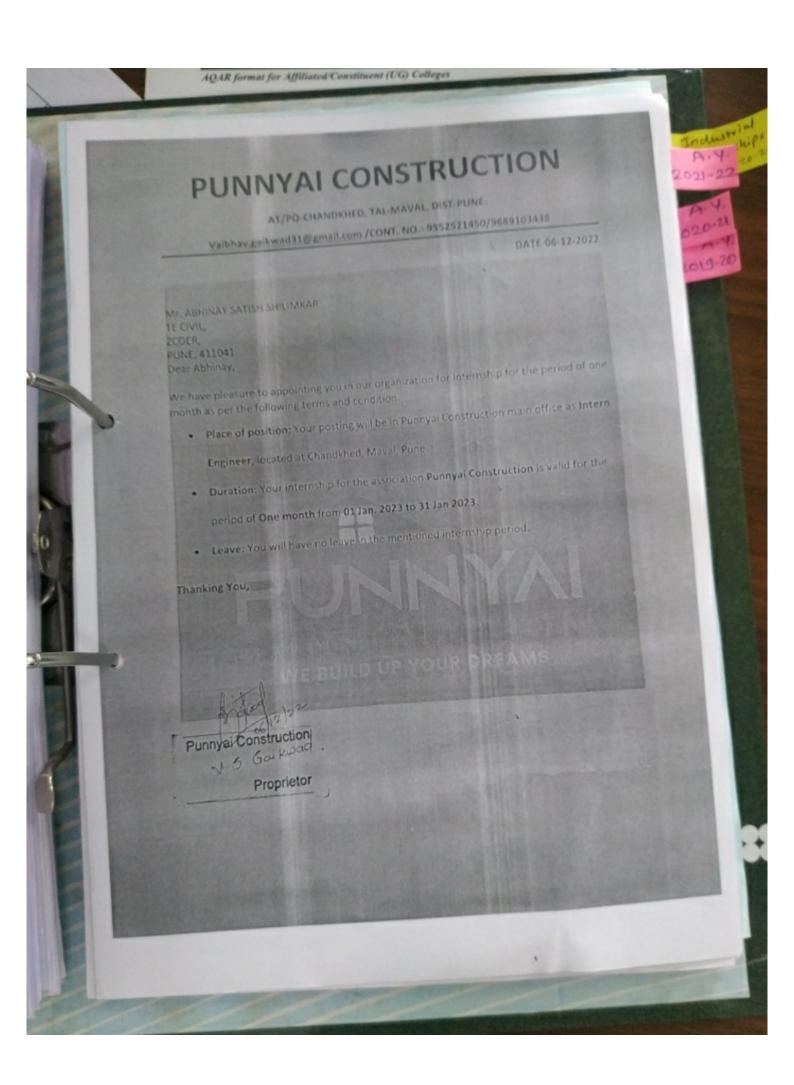
We wish him all the best for his better future. Thanking You.

REGARDS.

(Companies Stamp and Authority Signature)

For D.M. PUJA

Proprietor



# Project Based Learning (2022-23)



#### ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE | PUNE -41 | INDIA



Date:01/04/2021

Record No.: ZCOER-ACAD/R/25A

Revision: 00

Date:01/04/2021

Department: Civil

Semester: II

Academic Year: 2022-23

Class: SE

Div: NA

Date: 02/03/2023

All students of Second Year Civil Engineering are informed that the Project Based Learning (PBL) is going to be conducted in three phases as follows:

Sr. No.	Review stages	Structure	Mode of conduction	Recommended
1	Phase-1	Topic Finalization	Chalk & Board	There should be 3 topics with you relevant to domain. (Topic finalization be done after your knowledge & Presentation on board.
2	Phase-2	Problem Identification	РРТ	There will be the problem identification to your selected topic.
3	Phase-3	Solution and Implementation	PPT     Report     Simulation     presentation/     Demonstration of     model/ Poster/ any     other presentation     format.	There will be overall assessment of project work.

#### Objectives:

- · Identify the community/ practical/ societal needs and convert the idea into a product/ process/ service.
- Analyze and design the physical/ mathematical/ ICT model in order to solve identified problem/project.
- · Create & work in team and applying the solution in practical way to specific problem.

#### Guidelines for selection of project:

- Selection of a project or problem related to any technical aspect related to the allotted domain of civil
  engineering.
- The project or problem selected may require a multi-disciplinary approach to find a solution.
- The project or problem selected should have different alternative solutions, which could be theoretical, a
  practical working model or non-working model, a demonstration, or a software analysis.

Prof. G. B. Dhumal

(PBL Coordinator)

or. S. Anaokar

(HOD Civil Engineering Department)

Dept. of Civil Engineering ZES's Zeal College of Engineering a Receasion, Narhe, Pune 41.

1

#### Savitribai Phule Pune University, Pune Second Year Civil Engineering (2019 Course) 201017 Project Based Learning Credits: 02

Teaching Scheme: Practical: 04hrs/week

Examination Scheme: Term Work: 50 Marks

#### Preamble:

Project Based Learning (PBL) was introduced in curriculum of First Year Engineering in Semester II (Course code- 110013) in 2019 course. In that course, students in group might have planned, managed and completed a task/ project/ activity which addressed the stated problem. In a continuation with this, PBL is introduced in core course of Civil Engineering. PBL demonstrates the power of student projects to develop college, community connections, applied research skills and higher levels of student thinking. PBL is a dynamic approach to teaching in which students explore real-world problems and challenges simultaneously developing 21st century Civil Engineering skills while working in collaborative groups. The aim of this course is to demonstrate the important attributes like communication, presentation, organization, time management, research, inquiry, self-assessment, group participation, leadership and critical thinking. Performance assessed on an individual basis and takes into account the quality of task/project/activity completed, the depth of content understanding demonstrated and the contributions made to the ongoing process of project realization. PBL allows students to reflect upon their own ideas and opinions and make decisions that affect project outcomes and the learning process in general.

#### Course Objectives:

- 1. To engage students in constructive learning environment and develop self-learning abilities.
- To develop critical thinking and solving civil engineering problems by exploring and proposing sustainable solutions.
- 3. To integrate knowledge and skills from civil and other engineering areas.
- 4. To develop professional skills and project management.

#### Course Outcomes:

After completion of course the students will be able to

- Identify the community/ practical/ societal needs and convert the idea into a product/ process/ service.
- Analyse and design the physical/ mathematical/ ICT model in order to solve identified problem/project.
- 3. Create, work in team and applying the solution in practical way to specific problem.

#### Course Content

Introduction to Project Based Learning, Traditional vs. Cognitive Learning, Why PBL?,
 Principles of Problem Design Seven Steps of Problem Design, Online PBL, Applications and
 Research Trends Case Studies in Confederations.

#### Group Structure:

- Working in mentor monitored groups. The students identify, plan, manage and complete
  a task/ project/ activity which address the stated problem related to civil engineering.
- · There should be team/group of maximum four students.
- A supervisor / mentor faculty teacher assigned to individual groups.

#### Selection of Project/Problem:

At start of course revision of PBL, significance, guidelines and evaluation parameters should be discussed commonly at start of semester. In this session basics PBL, in brief research methodology points relevant to PBL, sample case studies related to civil engineering and brief information about patent, copy right and publications should be given.

Selection of project/problem related to any technical aspect of civil engineering is recommended or if any project/problem selected in first year engineering related to civil engineering can be continued if enough potential is there. Give preference to select project/problem related to solving any problem/ issue for which suitable model can be developed or software can be used. The project/problem selected could have different alternative solutions which could be theoretical, practical, working model, demonstration or software analysis. The project/problem selected may have multi-disciplinary approach to get the solution. Problem needs to refer back to a particular practical, scientific, or technical domain. It is recommended to include hands-on activities, organizational and field visits, expert consultation to make students aware with current use of technologies. Proper representation of project/problem, course work and report on the results and conclusion is important for assessment of course.

#### Assessment:

The institution/head/mentor is committed to assessing and evaluating both students' performance and program effectiveness. Progress and review of PBL is monitored regularly on weekly basis. It is recommended to appoint one teaching faculty as a mentor per group/ batch and it will be duty of mentor to perform monitoring and continuous assessment of individual students as well as entire group for their performance. College/ Department is required to provide necessary assistance. It is the responsibility of students to follow guidelines of their group mentor, maintain self-discipline, authentic collaboration, peer learning and personal responsibility, motivation and adopt interactive learning environment. The institution/department should support students in this regard through guidance/orientation programs and the provision of appropriate resources and services. Supervisor/mentor and Students must actively participate in assessment and evaluation processes. Intermittent review and assessment of each group should be done after six weeks from the start of the semester. Each group has to submit their work at end of semester during the end review. Group may demonstrate their knowledge and skills through presentation by developing a model/product/poster and report. Individual assessment for each student (Understanding individual capacity, role and involvement in the project). Group assessment (roles defined, distribution of work, intra-team communication and togetherness).

#### **Evaluation and Continuous Assessment:**

Prepare "PBL Log Book" which includes record of activities performed and evaluation carried out with appropriate remarks. Maintain regular record on weekly basis. Records and documents must also be maintained at student level Continuous assessment sheet must be prepared by each faculty

which consists assessment made on weekly basis also performance made during mid-review and end-review. PBL log book must be maintained as a record even after completion of semester. It will serve as document which will reflect the punctuality, accountability, technical writing ability

### Recommended parameters for assessment, evaluation and weightage: and project workflow.

Evaluation criteria and respective percentage weightage for marks.

- 2. Solution provided/ final product at end of course = 50% (Individual assessment and team
- Documentation in the form of PBL report (typed, hard copy) = 15%
- 4. Presentation/ Demonstration of model/ PPT/ poster = 10%
- Participation/ involvement in group activity =10%
- 6. Publication/ participation on technical platform = 10% Course assessment rubrics can be prepared based on the given evaluation parameters for excellent, moderate, acceptable and not acceptable.

- References: 1. M. Savin-Baden and C. Howell Major, Foundations of Problem-based Learning. McGraw-Hill Education, 2004
- 2. T. J. Newby, D. A. Stepich, J. D. Lehman and J. D. Russell, Instructional technology for teaching and learning: Designing instruction, integrating computers, and using media. Englewood Cliffs, NJ: Merrill/Prentice-Hall, 1996
- 3. S. N. Alessi and S. R. Trollip, Multimedia for learning: methods and development. Needham Heights, MA: Allyn& Bacon, 2001
- Guerra, Aida, Ulseth, Ronald, Kolmos, Anette, PBL in Engineering Education: International Perspectives on Curriculum Change, Springer, 2017
- MahnazMoallem Woei Hung Nada Dabbagh, The Wiley Handbook of Problem-Based Learning, Wiley, 2019
- Jane I. Krauss, Suzanne K. Boss, Thinking Through Project-Based Learning: Guiding Deeper Inquiry.
- 7. John Larmer, David Ross, John R. Mergendollar, Project Based Learning (PBL) Starter Kit.
- 8. William N. Bender, Project-Based Learning: Differentiating Instruction for the 21st Century.
- 9. Bob Lenz, Justin Wells, Sally Kingston, Transforming Schools Using Project-Based Learning, Performance Assessment, and Common Core Standards.
- 10. Suzie Boss with John Larmer (ASCD/Buck Institute for Education), Implementing Project-Based Learning Solutions by Suzie Boss

#### Website for references

- 1. www.pblwork.org
- www.my.pblworks.org
- www.swayam.gov.in/nd2 ntr20 ed12/preview
- 4. www.schoology.com

i) Front Cover Page ii) Certificate iii) Acknowledgement iv) Synopsis v) Contents vi) List of



Chapter 1 Introduction (This consists of: 1.1 Introduction of the Project Work; 1.2 Problem Statement, 1.3 Objectives and 1.4 Scope of the Project Works, 1.5 Research Methodology, 1.6

Chapter 2 Literature Review (It shall include theoretical support, details regarding work done by various persons, methods established, any new approach.

Chapter 3 Planning Schedule/ Flow Chart for Completion of Project

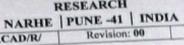
References and Bibliography (The references and bibliography shall include name of author/code/manual/book, title of paper/code/manual/book, name of the journal, month & year of publication, volume number/ISBN number, page number x-y. The references and bibliography shall be as per universal standards as mentioned in any international journal of professional body).

Report Printing details:

- 1. Report shall be typed on A4 size Executive Bond paper with single spacing preferably on Both sides of paper.
- 2. Margins: Left Margin: 37.5 mm, Right Margin: 25 mm, Top Margin: 25 mm, Bottom Margin: 25 mm.
- 3. Give page number at bottom margin at center.
- 4. Size of Letters: Chapter Number: 16 font size, Times New Roman in Capital Bold Letters, Chapter Name: 12 Font size in Capital Bold Letters, Main Titles (1.1, 2.5 etc): 16 Font size in Bold Letters Sentence case, Sub Titles (1.1.5, 4.5.1 etc): 14 Font size in Bold Letters Sentence case. All other matter: 12 Font size sentence case.
- No blank sheet be left in the report.
- Figure name: 12 Font size in sentence case Bold- Below the figure.
- Table title -12 font size in sentence case- Bold-Above the table.







Record No.: ZCOER-ACAD/R/

Date:01/04/2021

Department: Civil

Semester: II

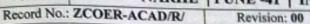
Academic Year: 2022-23

Date: 23/02/2023

	artment: C	Div: NA		Date	: 23/02/				-	
Sr.	Roll No	Name of the Student	Group No.		Domai		omain F and cor numi	stact	A	
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3	S111008	INGALE PRATHAMESH MAHESH	+	-						
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	S111072	PADTE ANURAG SUNIL	4							
7	\$111073	PAWAR PRANAV VIKRAM	+			Ballon	10	SRM		
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13	S111007	GADE AISHWARYA BHAUSAHEB		CEPBL 004		engineer	ing	g SAM		
14	S111025	THE SANDHYA KERAPPA	004		- 001			SKI	1	
15	S111039	BANSODE KHUSHI SANJAY		Sec.	-					
16	S111045	ADAGALE BHARATI SHANKAR					lan!	Prof. G. B. Dhumal		
17	S111044	ADAGALE BHAKATTON			CELDE		hnical eering	(888844987	(8888449876)	
18	S111036	MESTRY VIRAJ SHIVARAM		005		Eligines		(000		
-	S111037	DAWAR SUMIT SUNIE	663	1				-		
19	S111038	T - WAD VAIBHAY DIE	SEL PIE		1269			Prof. G.	Prof. G. B.	
20		MUNDE HARSHAD MANGESH		CEPBL		L. Geotechnica		Dhum	Dhumal	
21	S11105	A DUAY ABHISHEK TEJU		1	006	Eng	ineering	(888844	9810	
22	S11100	TAR SOHAM SOMNATTI		-		1			_	
23	S11100	6 BORKAR SOLLAR		-		+				
24	S11101	6 PASALKAR SARTHAK				1		Prof.	H. A	
	S11102	- VIE MAHESHWAIG			CEPBI	L Tr	ansporta	ition (9766	4582	
25	The state of the s	OMK AR BHAUA	N		007		1	(3,00		
26	S11107	TOTAL PE SANDIP SALIA		-					-	
27	S11106	NEHA DINESH	3111291	1					-	
28	S11101	0 JADHAV NEHA DITTE	CORE	100		-				



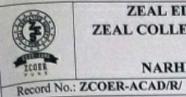
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Date:01/04/2021

29	S111033	KALE PARAJI SHRIRAM		1		123		
30	S111043	TAKE RITESH SUNIL	CEPBL	Trac	nsportation		R. B.	
31	S111029	GHARBUDAVE VIJAY MADHUKAR	008	1		(8087	(040808)	
32	S111011	KAMBLE SAHIL LALU						
33	S111002	BHILARE SIDDHANT RAJENDRA		1		Dec	of, S. D.	
34	S111003	BHOKARE RUCHITA SUNIL	CEPBL		Concrete 'echnology	R	tedekar	
35	S111004	BHOSALE PRATIK PRASHANT	009	1.	echnology	(940	05841974)	
36	\$111005	BHOSALE YASH DADASAHEB		-		1		
37	S111014	NATKAR ABHISHEK VISHWAS			Concrete Technology		Prof. S. D.	
38	\$111015	PANGARKAR MAYUR JAYWANT	CEPB 010				Redekar 405841974)	
39	S111017	PAWAR ALOK BHAGWAN	- 010				403841774)	
40	S111018	PAWAR OMKAR NILARAM		-				
41	S111020	SONA WANE DURGA		I	Jrban Plannir	ng l	Prof. A. A.	
42	S111023	CHAVAN ABHISHEK SOPAN	CEPE	3L	and	1	Turate (7038983685)	
43	S111024	CHAVAN KETAN MOTIRAM	- 01		Managemen	,		
44	S111026	GAJMAL VIJAY MOHAN		-		1		
45	S111027	GEDAM RUTUJA VINAYAK			Urban Plann	ing	Prof. A. A.	
46	S111028	GHANGHAV KOMAL BAJIRAO	CEP	BL	and		Turate (7038983685)	
47	S111030	GHULE GAURAV GOVIND	- 0.		Manageme	m	(100	
48	S111032	GONDAL VIJAY VINOD					STORY OF	
49	S111034	KAMTHE SHUBHAM DILIP	-	Wa			Prof. A. R. Bansode	
50	S111035	MASAL VIVEK DHANANJAY		PBL 13	Resourc	1000	(9096257741)	
-	S111040	SARGAR DHIRAJ LAXMAN			Engineer	mg	5	
51	S111041	CLIDYA WANSHI PANKAJ ANKUSH						
52	S111046	BHUKTARE PRADNYA VISHWAMBHA	AR		Wate	er	Prof. A. R. Bansode	
53	S111040 S111047	CHAKHALE MAYUR DILIP	10	EPBL 014	Resou		(9096257741	
54		DHANAWADE ANIKET NAVANATH			Engine	cring		
55	S111048	DHURI KALYANDAS JAYWANT			4	I THE		
56	S111049	GHAYAL SANDEEP VAIJINATH			S	oft	Dr. G. S.	
57	S111050	JADHAV PRATHAMESH MANGESH	(	CEPB	Com	puting	Anaokar (0.42205458	
58	S111052	JADHAV PKATHAMESH		015		ools	(942205458	
59	S111053	JADHAV RAVI SUBHASH				100		
60	S111054	KAMBLE NISHA PRAKASH	124.77	CEPE		Soft	NF	
61	S111055	MORE PRATIK	ina.	016	1 0	nputing	g	
	S111057	NANAWARE RAJ SANJAY	MD 7.2	1		197		
62	3111037	186	3000					



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Date:01/04/2021

_	S111058	PASALKAR MAHESH BAPU		Tools	MAK
53	\$111059	PATIL SUDESH PRAKASH			
15	\$111060	RASHINKAR PRATIK BABASAHEB			
6	\$111061	SAWANT NIRANJAN SANTOSH	CEPBL	Construction Management	Prof. U. U. Buch (7798989445)
7	S111062	SAYYAD ISMAIL MAHHAMAD	017	Management	
58	S111063	UNNI ANEESH D			
69	S111064	VAIRAT ADITYA SAINATH		,	Prof. U. U. Buch
70	S111067	KALE ROHIT NAMDEV	CEPBL 018	Construction Management	(7798989445)
71	S111068	KAMAT VIVEK DHARMENDRA	010		
72	S111069				Prof. A. A.
73	S111071	MUNDLIK ADITYA PAVAN	CEPBL	Building	Turate
74	S111074		019	Material	(7038983685)
75	S111075	WARADE DEEPTI PRADIP			Navada Na

	Abbreviation	Name of Faculty
THE RESIDENCE OF THE PARTY OF T	Control of the last of the las	Prof. A. A. Turate
Dr. G. S. Anaokar		Prof. G. B. Dhumal
Dr. P. P. Walvekar	GBD	
	HAA	Prof. H. A. Admane
The state of the s	RBM ·	Prof R. B. Matkar
The state of the s		- 1
Prof. S. D. Redekar	NF	New Faculty
Prof. U. U. Buch		
	Name of Faculty Dr. G. S. Anaokar Dr. P. P. Walvekar Prof. A. R. Bansode Prof. A. V. Wakchaure Prof. S. D. Redekar Prof. U. U. Buch	Dr. G. S. Anaokar  Dr. P. P. Walvekar  Prof. A. R. Bansode  Prof. A. V. Wakchaure  Prof. S. D. Redekar  NF

Prof. G. B. Dhumal

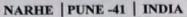
(PBL Coordinator)

Dr. G. S. Anaokar

(HØD Civil Engineering Department)









Alloc

Date:01/04/2021

Record No.: ZCOER-ACAD/R/

Revision: 00

Semester: II

Academic Year: 2022-23

Class: SE

Department: Civil

Div: NA

Date: 23/02/2023

Sr. No.	Roll No	Name of the Student	Group No.	Domain Faculty	Signatu
1	S111019	SHINDE YOGESH BALASO			
2	S111012	MANTAGE HANUMAN BIRAPPA	CEPBL001	AVW	*
3	S111013	MULE ONKAR POPAT			#
4	S111008	INGALE PRATHAMESH MAHESH	,		
5	S111051	HONBUTE VIVEK VIKAS			
6	S111066	EKKALDEVI ATHARV RAMESH	CEPBL002	AVW	*
7	S111072	PADTE ANURAG SUNIL	CEFBLOOZ		A
8	S111073	PAWAR PRANAV VIKRAM			,
9	S111042	SUTAR ANJALI BABASO			
10	S111031	GOLATKAR DIVYA HEMANT	CEPBL003	NF	Di.
11	S111001	BHATTAGOUD KRISHNA CHANNAPPA	CEPBEOOS		
12	S111021	UPADHYAY ANKUSH JAYSHANKAR			
13	S111007	GAJBHARE AKANKSHA VIDYASAGAR			8-200
4	S111025	GADE AISHWARYA BHAUSAHEB	CEPBL004	NF	
5	S111039	PRAKSHALE SANDHYA KERAPPA	CEPBL004	141	/
6	S111045	BANSODE KHUSHI SANJAY			A POST OFFI
7	S111044	ADAGALE BHARATI SHANKAR			
8	S111036	MESTRY VIRAJ SHIVARAM	CEPBL005	GBD	adel
9	S111037	PAWAR SUMIT SUNIL	CEPBLOOS		1
0	S111038	PAWAR VAIBHAV DILIP			
1	S111056	MUNDE HARSHAD MANGESH			gold
2	S111009	JADHAV ABHISHEK TEJU	CERRI 006	GBD	
3	S111006	BORKAR SOHAM SOMNATH	CEPBL006		
4	S111016	PASALKAR SARTHAK			
5	S111022	YELVE MAHESHWARI MANOJ			
5	S111070	MATHANE OMKAR BHAGAVAT	GERRI COS	IIAA	21
7	S111065	WAGHMARE SANDIP SATYAWAN	CEPBL007	HAA	Amae
3	S111010	JADHAV NEHA DINESH			
,	S111033	KALE PARAJI SHRIRAM		1	
	S111043	TAKE RITESH SUNIL	CEPBL008	RBM	





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Record No.: ZCOER-ACAD/R/

Revision: 00

Date:01/04/2021

31	S111029	GHARBUDAVE VIJAY MADHUKAR	1		al I
32	S111011	KAMBLE SAHIL LALU	,		C.
33	S111002	BHILARE SIDDHANT RAJENDRA			
34	S111003	BHOKARE RUCHITA SUNIL		CDB	0
35	S111004	BHOSALE PRATIK PRASHANT	CEPBL009	SDR	2
36	S111005	BHOSALE YASH DADASAHEB			7
37	S111014	NATKAR ABHISHEK VISHWAS	TI IS ELLEN		
38	S111015	PANGARKAR MAYUR JAYWANT	CEPBL010	SDR	125
39	S111017	PAWAR ALOK BHAGWAN	CEPBLOIO		
40	S111018	PAWAR OMKAR NILARAM			
41	S111020	SONA WANE DURGA	CHAPPING.		
42	S111023	CHAVAN ABHISHEK SOPAN	CEPBL011	AAT	A vale
43	S111024	CHAVAN KETAN MOTIRAM			Our
44	S111026	THE RESERVE OF THE PROPERTY OF	7-1-1-30	1.	7
45	S111027				- 10
46	S111028	GHANGHAV KOMAL BAJIRAO	CEPBL012	AAT	Abrate.
47	S111030	GHULE GAURAV GOVIND			( Co
48	S111032	GONDAL VIJAY VINOD			
49	S111034	KAMTHE SHUBHAM DILIP			N I
50	S111035	MASAL VIVEK DHANANJAY	CEPBL013	ARB	(P)
51	S111040	SARGAR DHIRAJ LAXMAN			19
52	S111041	SURYAWANSHI PANKAJ ANKUSH			
53	S111046	BHUKTARE PRADNYA VISHWAMBHAR			101/
54	S111047	CHAKHALE MAYUR DILIP	CEPBL014	ARB	1/4//
55	S111048	DHANAWADE ANIKET NAVANATH	CEIBBUT		19
56	S111049	DHURI KALYANDAS JAYWANT			
57	S111050	GHAYAL SANDEEP VAIJINATH		1	AL WASTER
58		JADHAV PRATHAMESH MANGESH	CERRI AL	GSA	Mag
59	S111053	JADHAV RAVI SUBHASH	CEPBL01	OSA	King
2016	S111054	KAMBLE NISHA PRAKASH			
60		MORE PRATIK	4 9100		1
61	S111055			THE RESERVE	Herlan
62	S111057	NANAWARE RAJ SANJAY	CEPBL01	6 NF	1
63	S111058	PASALKAR MAHESH BAPU	300		
64	S111059	PATIL SUDESH PRAKASH	13/5		



# ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH



NARHE | PUNE -41 | INDIA

Record No.: ZCOER-ACAD/R/

Revision: 00

Date:01/04/2021

4	S111059	PATIL SUDESH PRAKASH	1		The state of the s
55	S111060	RASHINKAR PRATIK BABASAHEB			
66	S111061	SAWANT NIRANJAN SANTOSH	CEPBL017	UUB	32
67	S111062	SAYYAD ISMAIL MAHHAMAD			
68	S111063	UNNI ANEESH D			1000
69	S111064	VAIRAT ADITYA SAINATH			24 25
70	\$111067	KALE ROHIT NAMDEV	CEPBL018	UUB	132
71	\$111068	KAMAT VIVEK DHARMENDRA			
72	S111069	Control of the Contro			10
73	S111071		CEPBL019	AAT	(A) wat
74	S111074		CEPBEOL		
75	S11107	WARADE DEEPTI PRADIP		SURLEY SINGE	

		Abbreviation	Name of Faculty	
Abbreviation	Name of Faculty	AAT	Prof. A. A. Turate	
GSA	Dr. G. S. Anaokar		Prof. G. B. Dhumal	
PPW	Dr. P. P. Walvekar	GBD	Prof. H. A. Admane	
	Prof. A. R. Bansode	HAA		
ARB	Prof. A. V. Wakchaure	RBM	Prof R. B. Matkar	
AVW			New Faculty	
SDR	Prof. S. D. Redekar	NF	New Faculty	
UUB	Prof. U. U. Buch			

Prof. G. B. Dhumal

(PBL Coordinator)

Dr. G. S. Anaokar

(HOD Civil Engineering Department)







Record No.: ZCOER-ACAD/R/

Revision: 00

Date:01/04/2021

Department: Civil

Semester: II

Academic Year: 2022-23

Class: SE

Div: NA

Date: 04 - 03 - 2023

Sr. No.	Roll No	Name of the Student	Group No.	Topic Name	Signature of Students
1	S111019	SHINDE YOGESH BALASO			A House
2	S111012	MANTAGE HANUMAN BIRAPPA	CEPBL001	Retrofiting on RC	MHONE
3	S111013	MULE ONKAR POPAT		Building	P.M-logal
4	S111008	INGALE PRATHAMESH MAHESH		Structural Analysis of a	Ment
5	S111051	HONBUTE VIVEK VIKAS		Dila de empuete 14'S	akaldari
6	S111066	EKKALDEVI ATHARV RAMESH	CEPBL002	strength and load	-A-
7	S111072	PADTE ANURAG SUNIL		bearing capacity.	QQ.
8	S111073	PAWAR PRANAV VIKRAM		study of vehicular	Batar.
9	S111042	SUTAR ANJALI BABASO		I The Topport of	early
10	S111031	GOLATKAR DIVYA HEMANT	CEPBL003	Forironment	ANT.
11	S111001	BHATTAGOUD KRISHNA CHANNAPPA			
12	S111021	UPADHYAY ANKUSH JAYSHANKAR		Green Buildings: Futuristic approach to Environmental	Achiganto
13	S111007	GAJBHARE AKANKSHA VIDYASAGAR		approach to Environmental	Seell
14	S111025	TOTAL CHIWARYA BHAUSANED	CEPBL004		
15	S111039	DDAVSHALE SANDHYA KEKATIA		Name of the Agents of the Agen	Scharat
16	S111045	THE PROPERTY LIST SANJAT		Use of Plastic High pavere	Va mestry
17	S111044	TO DUARALI SHAINKI	CEPBL00	rivenally construction)  Use of Plastic Aggregate in subgreade level/pavene (Recycled - optional)	Sauce.
18	\$111036	VICETRY VIRAJ SHIVARADA		( Recycled - option	
19		- OVER CIT CLINII.	2		





Revision: 00 Record No.: ZCOER-ACAD/R/ 20 | S111038 | PAWAR VAIBHAV DILIP Study on soil tonicks with cement and waste material 21 S111056 MUNDE HARSHAD MANGESH S111009 JADHAV ABHISHEK TEJU 22 CEPBL006 23 S111006 BORKAR SOHAM SOMNATH S111016 PASALKAR SARTHAK 24 25 S111022 YELVE MAHESHWARI MANOJ Traffic Analysis in S111070 MATHANE OMKAR BHAGAVAT S111065 WAGHMARE SANDIP SATYAWAN 26 CEPBL007 Zeal Chauk 27 28 S111010 JADHAV NEHA DINESH S111033 KALE PARAJI SHRIRAM S111043 TAKE RITESH SUNIL 29 Accident STUDY Beetween 30 KateaT - Navale Beidge 31 \$111029 GHARBUDAVE VIJAY MADHUKAR CEPBL008 S111011 KAMBLE SAHIL LALU S111002 BHILARE SIDDHANT RAJENDRA 33 Not Reported to 34 S111003 BHOKARE RUCHITA SUNIL A S111004 BHOSALE PRATIK PRASHANT S111005 BHOSALE YASH DADASAHEB 35 CEPBL009 Cruide. -120 36 A 37 S111014 NATKAR ABHISHEK VISHWAS Fresh Concrete. S111015 PANGARKAR MAYUR JAYWANT S111017 PAWAR ALOK BHAGWAN 39 CEPBL010 \$111018 PAWAR OMKAR NILARAM 40 APB 41 S111020 SONAWANE DURGA CEPBLOII highway with flexible fowerment S111023 CHAVAN ABHISHEK SOPAN 42





	Record	No.: ZCOER-ACAD/R/	Revision: 00	D	ate:01/04/2021	
43	S111024	CHAVAN KETAN MOTIRAM	1			رسى.
44	\$111026	GAJMAL VIJAY MOHAN			(g)	3
45	S111027	GEDAM RUTUJA VINAYAK		1 0 1	- 111	SACA C
46	S111028	GHANGHAV KOMAL BAJIRAO		Impact of Mivan		A-
47	S111030	GHULE GAURAV GOVIND	CEPBL012	over conventiona	I form Work	(2. Cr, Cr.
48	S111032	GONDAL VIJAY VINOD				Verde
49	S111034	KAMTHE SHUBHAM DILIP	A STATE OF THE PARTY OF THE PAR	The impact of		La Company
50	S111035	MASAL VIVEK DHANANJAY		change of water	las I	
51	S111040	SARGAR DHIRAJ LAXMAN	CEPBL013			Ser
52	S111041	SURYAWANSHI PANKAJ ANKUSH		Resou	ree	- A-
53	S111046	BHUKTARE PRADNYA VISHWAMBHAR		Study of Fartho	quake: 1	Eachyla
54	S111047	CHAKHALE MAYUR DILIP		Case study - "	Turkey 1 3	Montes
55	S111048	DHANAWADE ANIKET NAVANATH	CEPBL014	Case strang	2023)	Alemana Bold
56	S111049	DHURI KALYANDAS JAYWANT	E - 083	- 0 11- 1	2023)	Last.
57	S111050	GHAYAL SANDEEP VAIJINATH		Soft computing to	- Cools	(all)
58	S111052	JADHAY PRATHAMESH MANGESH	CEPBL015	for sottware in	of cars .	A month
59	S111053	JADHAV RAVI SUBHASH	CEPBLUIS	E + TOTT F	mation.	Harten
60	S111054	KAMBLE NISHA PRAKASH		Cali computing to	chaigues by	A SE
61	S111055	MORE PRATIK		Soft computing to using software	In civil	-
62	S111057	NANAWARE RAJ SANJAY	CEPBL016	using Sortware		Popul
63	S111058	PASALKAR MAHESH BAPU		Engineering.		Grafil
64	S111059	PATIL SUDESH PRAKASH	N. Page		,	pratik
65	S111060	RASHINKAR PRATIK BABASAHEB	(8)			

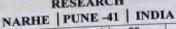


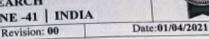


5	\$111061	lean	Revision: 0	0	Date:01/04/202	
7 8 9	S111062 S111063 S111064	SAWANT NIRANJAN SANTOSH SAYYAD ISMAIL MAHHAMAD UNNI ANEESH D VAIRAT ADITYA SAINATH	CEPBL017	Significance of R	isk Managem Industry	ay Sauce
0 1 2 3 4 5	S111068 S111069 S111071 S111074	KAMAT VIVEK DHARMENDRA LOKHANDE VISHVESH SHASHIKANT MUNDLIK ADITYA PAVAN RINDHE SANIKA DAVAN	CEPBL018	Knowledge Areas		Ayavat Right
		WARADE DEEPTI PRADIP	CEPBL019	Recycled Agre		Patilp











Department: Civil

Semester: II

Academic Year: 2022-23

DO

Div: NA

Date: 26/04/2023

All students of Second Year Civil Engineering are informed that the Project Based Learning Class: SE (PBL) Review Phase-II of S.E. Project is scheduled as follows:

	Reporting Time	Date	Group
Venue	Acceptance of		CE PBL001- CE PBL019
S. E.	12:30 PM to 3:30 PM	28/04/23	CE PBLOOT- CE I BLOTS

Review stage	Structure	Mode of conduction	Recommended		
			There will be the problem		
Phase-II	Problem Identification	PPT	identification to your selected topic.		

- Identify the community/ practical/ societal needs and convert the idea into a product/ process/
- Analyze and design the physical/ mathematical/ ICT model in order to solve identified
- Create & work in team and applying the solution in practical way to specific problem.

- Selection of a project or problem related to any technical aspect related to the allotted domain of civil
- The project or problem selected may require a multi-disciplinary approach to find a solution.
- The project or problem selected should have different alternative solutions, which could be theoretical, a practical working model or non-working model, a demonstration, or a software analysis.
- The presentation should be in college format.
- The PBL log book is mandatory at the time of Review 2.

Prof. G. B. Dhumal

(PBL Coordinator)



Prof. A. R. Bansode

(HOD Civil Engineering Department) HOD

Dept. of Civil Engineering ZES' Zeal College of Engineering & Research Narhe, Pune-411 041





Record No.: ZCOER-ACAD/R/

Revision: 00

Date:01/01/2021

#### **Project Based Learning Attendance**

Department: Civil Engineering

Semester: II

Academie Year: 2022-23

Class: SE

Div: NA

Date: 28/04/2022

Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
S111001	BHATTAGOUD KRISHNACHANNAPPA		S111022	YELVEMAHESHWARIMANOJ	
S111002	BHILARESIDDHANTRAJENDRA		S111023	CHAVANABHISHEKSOPAN	Andre
S111003	BHOKARERUCHITASUNIL		\$111024	CHAVANKETANMOTIRAM	Ober
S111004	BHOSALEPRATIKPRASHANT		S111025	GADEAISHWARYABHAUSAHEB	
S111005	BHOSALEYASHDADASAHEB	1000	S111026	GAJMALVIJAYMOHAN	CE ALL
S111006	BORKARSOHAMSOMNATH	STOW	S111027	GEDAMRUTUJAVINAYAK	1
S111007	GAJBHARE AKANKSHAVIDYASAGAR	Brun	S111028	GHANGHAVKOMALBAJIRAO	
S111008	INGALEPRATHAMESHMAHESH		S111029	GHARBUDAVEVIJAYMADHUKAR	alia
S111009	JADHAVABHISHEKTEJU	Janisa	S111030	GHULEGAURAVGOVIND	ALL D
S111010	JADHAVNEHADINESH	1	S111031	GOLATKARDIVYAHEMANT	1
S111011	KAMBLESAHILLALU	Paris :	S111032	GONDALVIJAYVINOD	
S111012	MANTAGEHANUMANBIRAPPA	MHarrie	S111033	KALEPARAJISHRIRAM	
\$111013	MULEONKAR POPAT	ORN	S111034		Saud)
5111014	NATKARABHISHEKVISHWAS	AMMATA		KAMTHESHUBHAMDILIP	
8111016	PASALKARSARTHAK	N		MASALVIVEKDHANANJAY	102
3111017	PAWARALOK BHAGWAN	147	S111036	MESTRYVIRAJSHIVARAM	100
3111018	PAWAROMKAR NILARAM	A-B-P	S111037	PAWARSUMIT SUNIL	San
111019	CUDIDENCE		S111038	PAWARVAIBHAVDILIP	0.1
111021	UPADHYAY	y. B. Shinde	S111039	PRAKSHALESANDHYAKERAPPA	00.00
	ANKUSHJAYSHANKAR		S111040	SARGARDHIRAJ LAXMAN	- WELLT



\$111041	SURYAWANSHI PANKAJ ANKUSH		S111061	SAWANT NIRANJAN SANTOSH	Benna
S111042	SUTAR ANJALI BABASO		S111062	SAYYAD ISMAIL MAHHAMAD	
S111043	TAKE RITESH SUNIL	ONL	S111063		Anuss
S111044	ADAGALE BHARATI	Ahhonn	S111064	VAIRAT ADITYA SAINATH	
S111045	SHARKAR	thread	S111065	WAGHMARE SANDIP SATYAWAN	
S111046	BHUKTARE PRADNYA VISHWAMBHAR		S111066	EKKALDEVI ATHARV RAMESH	Walder
S111047	CHAKHALE MAYUR DILIP		S111067	KALE ROHIT NAMDEV	
S111048	DHANAWADE ANIKET NAVANATH		S111068	KAMAT VIVEK DHARMENDRA	
S111049	DHURI KALYANDAS JAYWANT		S111069	LOKHANDE VISHVESH SHASHIKANT	
S111050	GHAYAL SANDEEP		S111070	BHAGATAI	BW
S111051	HONBUTE VIVEK VIKAS	whote	S111071	MUNDLIK ADITYA PAVAN	
\$111052	JADHAV PRATHAMESH MANGESH		S111072		100
\$111053	JADHAV RAVI SUBHASH		S11107	PAWAR PRANAV VIKRAM	ar.
5111054	KAMBLE NISHA PRAKASH	Panble	S11107	4 RINDHE SANIKA RAKES	
111055	MORE PRATIK		S11107	5 WARADE DEEPTI PRADI	P ENGO
111056	MUNDE HARSHAD MANGESH	Que.			
111057	NANAWARE RAJ SANJAY				
111058	PASALKAR MAHESH BAPU				
111059	PATIL SUDESH PRAKASH				
111060	RASHINKAR PRATIK BABASAHEB				

