

GLIMPSES OF COLABORATIVE SITE VISITS AND FIELD TRAININGS

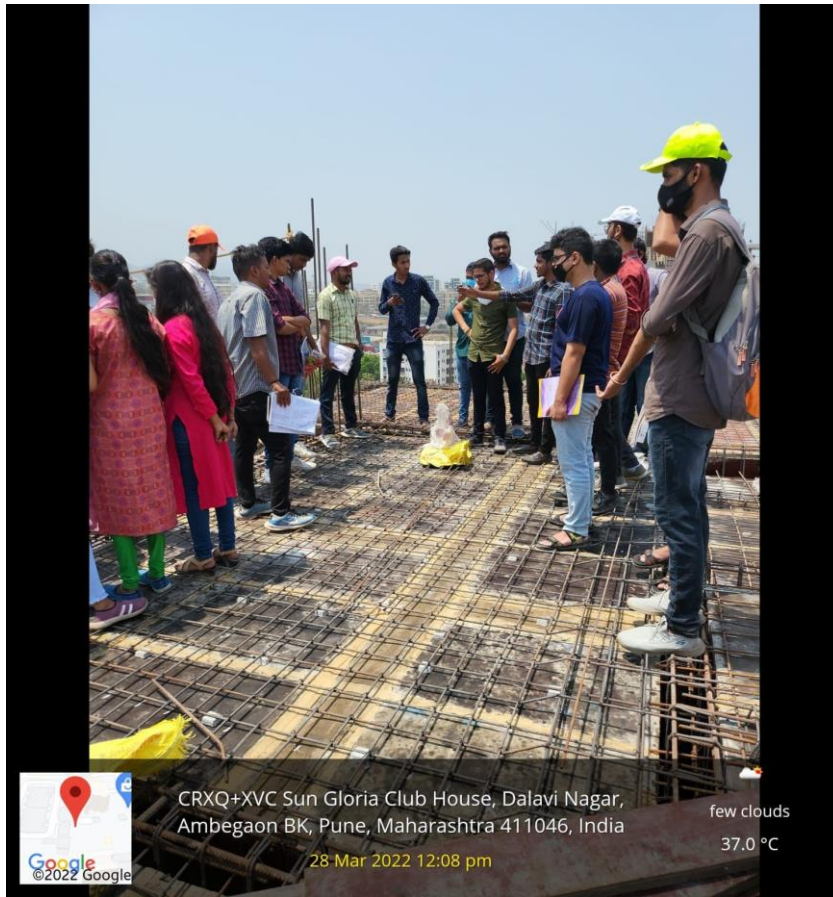
CONDUCTED IN AY 2021-22



A site visit to Panshet Dam to study different components



A site visit to Panshet Dam to have interaction with Section Engineer, Water Resource Department.



A site visit to study Structural Components with reference to RCC slab



A site visit to study hazardous waste management practices and interaction with officials of Pune Municipal Corporation





A site visit to study Air Pollution control Devices



A site visit to study Air Pollution control Devices Design and Manufacturing

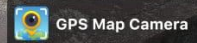




A site visit to study Wastewater Treatment Plant operated by Pune Municipal Corporation



Pune, Maharashtra, India
FV34+868, Katraj, Pune, Maharashtra 411046, India
Lat 18.453254°
Long 73.855897°
30/08/22 11:14 AM



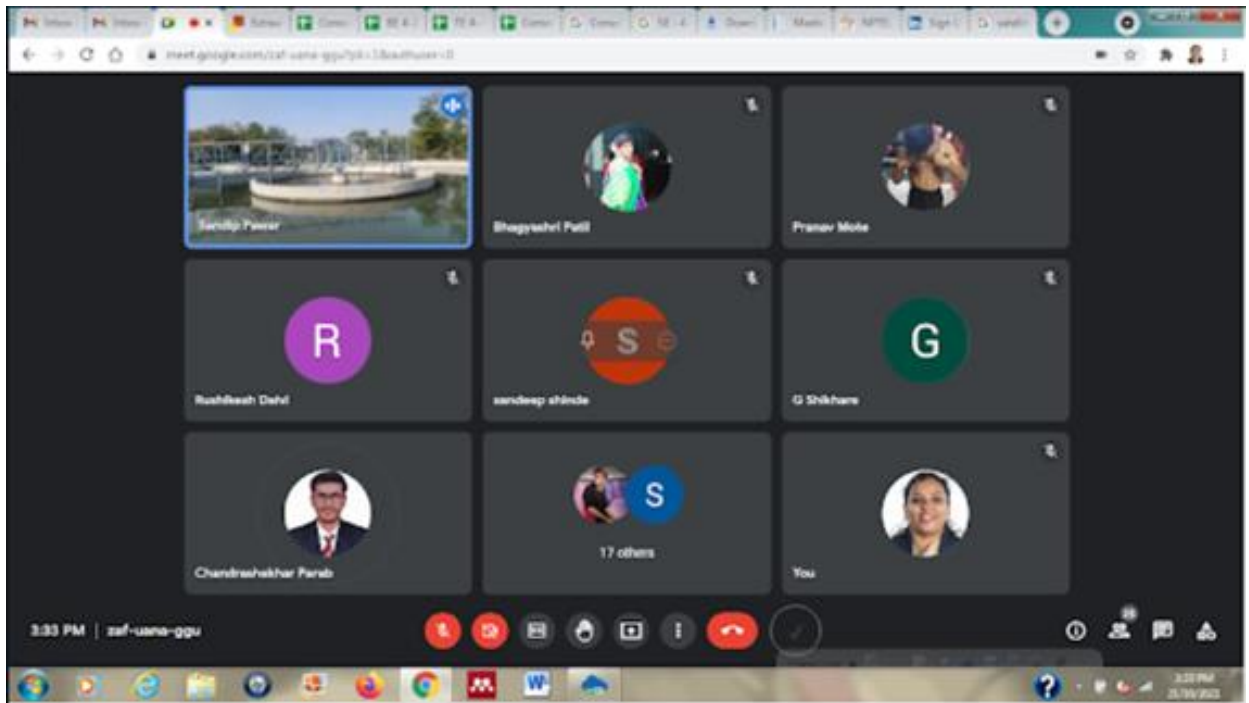
A site visit to study Water Treatment Plant operated by Pimpri Chinchwad Municipal Corporation



A site visit to study Hot Mix Bituminous Plant



A site visit to study Gantry Girder and its Design



A Virtual Site visit in association with Karad Municipal Corporation and Alumni

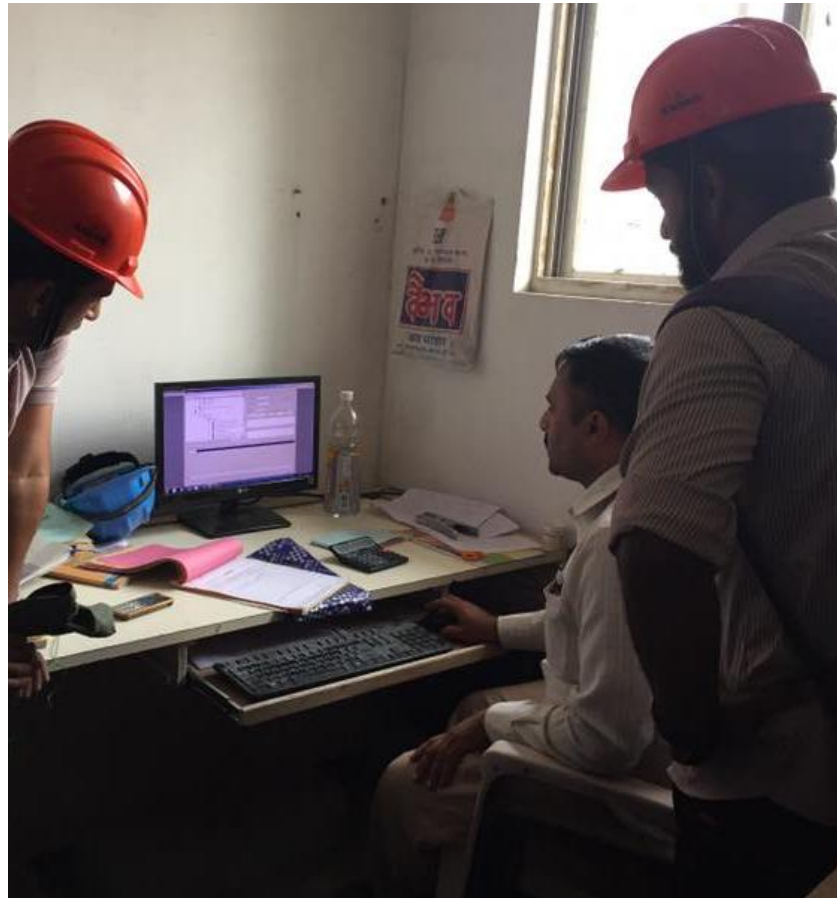


A field training for lining out of building





A field training for building construction practices



On-site training of Ready Mix Concrete Plant





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



Record No.: **ZCOER-ACAD/R/39**

Revision: **00**

Date: **01/04/2021**

Collaborative Site Visits

Sr. No	Date of Visit	Class	No. of students	Subject	Location
1	18/08/2021	BE	82	Transportation Engineering	Hot mix plant, Yerwada
2	22/11/2021	TE	34	DRCS	Nakoda Metal, Bhosale Industrial Estate, Narhe.
3	22/11/2021	TE	37	DRCS	Diligent Engineering, Malhari Bhosale Industrial Estate, Narhe
4	26/03/2022	TE	63	DRCS	DG Developers, Vision Properties, Dhayari.
5	10/03/2022	SE	30	Solid Waste Management	Posco Industries, Pune
6	11/03/2022	TE	57	Waste Water Engineering	Naidu Treatment Plant
7	17/03/2021	SE	50	Concrete Technology	Pragati Enterprises, RMC Plant, Katraj
8	25/03/2021	BE	67	Air Pollution Control	Katraj Dairy
9	28/03/2022	BE	67	Irrigation	Panshet and Vasargaon Dam



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

To,
The Executive Engineer
Road Department
PMC, Pune

Date- 18/08/2021

Subject: Permission to virtual visit (Online) Hot mix plant on 19/08/2021

Respected Sir,

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

We would like to request you to allow our B. E. Civil Engineering students to virtual visit Hot mix to study operation and processes carried at plant.

As a part of curriculum of university the students are supposed to prepare a detailed report based on the visit.

Kindly provide suitable date and timings to visit the plant for a batch of 82 students.

We will be highly obliged if you could spare some of your valuable time along with our faculty and students during the visit.


Kindly permit the visit for the benefit of our student and faculty.



Thanking you in anticipation.

Yours,

A.R. Bawde
Course Faculty

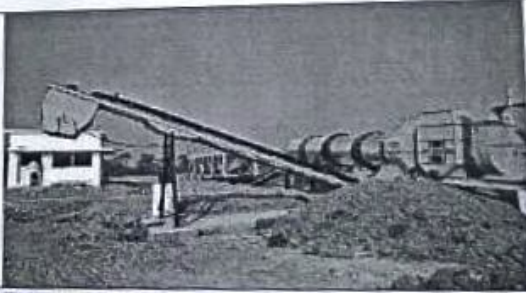
Received


HOD
HOD
Dept of Civil Engineering
ZES's Zeal College of
Engineering & Research
Narhe, Pune-411 004

	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA		
	Record No.: ZCOER-ACAD/R/	Revision: 00	

Industrial Expert/Guest Lecture Report

Department: Civil Engineering Semester: II Academic Year: 20210-22
 Class: SE Div: NA Date: -18/08/2021

Title	Transportation Engineering														
Date of Lecture	18/08/2021														
Resource Person	NA														
Summary	The site visit was conducted to aware students about the function, principle & working of hot mix plant and various operations performed on hot mix plant location.														
Objective/Purpose	To aware students about the function, principle & working of hot mix plant and various operations performed on hot mix plant location.														
POs/PSOs Attained	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
	✓				✓			✓			✓		✓		
Outcomes	Students are able to understand function, principle & working of hot mix plant and various operations performed on hot mix plant location.														
Photo Gallery															





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



Record No.: ZCOER-ACAD/IR/

Revision: 00

Date: 01/04/2021

Permission for Industrial Visit

Date: - 20/11/2021

To,
Nakoda Metal,
Bhosale Industrial Estate,
Narhe, Pune 411041.

Subject: - Permission for Industrial Visit on 22/11/2021.

Respected Sir,

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


Our students from T E civil (total students-82) are interested to visit Industrial building, Roof Truss, Gantry Girder. So student will able to understand the different aspects of Civil engineering.

Kindly permit the visit for the benefit of our student and faculty members
Thanking You


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

Ashah
 20/11/21
 Received

Remarks:


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





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



Record No.: ZCOER-ACAD/R/

Revision: 00

Date:01/01/2021

Site Visit Undertaking

Department: Civil Engineering

Semester: 1

Academic Year: 2021-22

Class: BE

Div: NA

Date: 22/11/2021

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.

It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching – non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
B111001	ABHYANKAR VARUNRAJ VILAS		B111042	KODAG PRADNYA VASANT	<i>Kodag</i>
B111002	BANKAR SAKSHI SANJAY		B111043	KUKADE VEDANT BALASAHEB	<i>Mesari</i>
B111003	BHOJ SHREYASH MAHADEV		B111044	KULKARNI SNEHAL NITIN	<i>Snehal</i>
B111004	BHOSALE AISHWARYA GANESH	<i>Abhishek</i>	B111045	KUMBHAR ABHISHEK SANTOSH	<i>Abhishek</i>
B111005	BHOSALE JANMEJAY DATTATRAYA		B111046	KUSHE TEJAS PRAKASH	<i>Pratik</i>
B111006	BHUJBAL ANIKET DADA	<i>Pratik</i>	B111047	MANE PRATIK DEEPAK	<i>Pratik</i>
B111007	BOBADE VYANKTESH SHARADKUMAR		B111048	MANOLI PRASAD JAYPAL	
B111008	CHARWAD PRATIK PRAKASH	<i>Pratik</i>	B111049	MHASKAR VAIBHAV SURESH	
B111009	CHAUDHARI MAHESH NILESH		B111050	MOHITE NISHIKANT SHAHAJI	<i>Pratik</i>
B111010	CHAVAN NATHSINHA YUVRAJ		B111051	MORE ABHISHEK MADAN	<i>Pratik</i>
B111011	CHAVAN SHARWIN KAILASH		B111052	MORE RAHUL POPAT	
B111012	DAHIFALE TUSHAR MARUTI		B111053	MOTEWAR AVINASH MAROTIRAO	
B111013	DENGALE AISHWARYA SACHIN	<i>Sachin</i>	B111054	MULIK KISHOR BHARAT	
B111014	DEOKAR OMKAR MANOHAR	<i>Omkar</i>	B111055	MUNDHE AMAR RAGHUNATH	
B111015	DESAI SUJAY LAXMAN		B111056	NAKIL RUTUJA JALINDER	<i>Rutuja</i>
B111016	DESHMUKH DAYANAND MANOHAR		B111057	NIRALA PRASHANTLAL HIRALAL	
B111017	DESHMUKH VEDANT ARVIND	<i>Arvind</i>	B111058	PAGARE SHUBHAM KAPIL	
B111018	DEVKATE VISHAL TATTYASO	<i>Vishal</i>	B111059	PALEKAR AKSHAYKUMAR BHASKAR	<i>Pratik</i>
B111019	DHOLE TUSHAR MUKUND	<i>Tushar</i>	B111060	PANDHARE AKSHAY VIJAY	
B111020	DUMANE DIKSHA ARJUN		B111061	PASALKAR SAKSHI DATTATRAYA	
B111021	GADE ANIKET RAJENDRA		B111062	PATEL MAHARSH ISHWARBHAI	
B111022	GAIKWAD PRASHANT RAMESH		B111063	PATIL JAYESH RAVINDRA	<i>Pratik</i>
B111023	GANGODE PRASHANT PUNDLIK	<i>Pratik</i>	B111064	PATIL KHAGEN SUPADU	



B111024	GUTTE ASHWINI ASHOK	ANUR	B111065	PATIL NILESH CHHAGAN	
B111025	HAJARE OMKAR BABAN	Pratik	B111066	PATIL PALLAVI VINAYAK	
B111026	ICHAKE PRATIK PRAVIN	Pratik	B111067	PHATE SRUSHTI CHINTAMANI	Pratik
B111027	INGOLE KETAKI KALIDAS	Pratik	B111068	PILANKAR SONAM PRAVIN	
B111028	JADHAV MONIKA LAXMAN	Pratik	B111069	PODDAR MANOJ	
B111029	JADHAV SUMIT VITTHAL		B111070	POL ADHISHTEK RAMLING	
B111030	JADHAV TANMAY GANESH		B111071	PULIKAJ VENKATESH NARSONG	
B111031	JAVALEKAR ASHISH ANIL		B111072	RATHOD PREM PRAKASH	Pratik
B111032	JORE OMKAR VJAYKUMAR		B111073	RATHOD YASH MADHUKAR	
B111033	KADAM DIPALI BALASAHEB	DIPALI	B111074	RAYKAR TEJAS VIKRAM	
B111034	KAKADE AJINKYA MAHENDRA	Pratik	B111075	SAKULKAR KUNAL VINOD	
B111035	KALE PRATIK GANGADHAR		B111076	SAWANT DHANANJAY VILAS	Pratik
B111036	KAMBLE MONISH MOHAN		B111077	SHELAR SUNNY DNYANDEO	Pratik
B111037	KARKANDE SAHIL NATHA		B111078	SHINDE MANDAR HEMANT	
B111038	KARLEKAR PRIYANKA BABURAO		B111079	SHINDE SURAJ ANANDRAO	
B111039	KARNE OMKAR PANDURANG	Pratik	B111080	SHIVSHARAN AJINKYA LAXMAN	
B111040	KENJALE PRATHMESH VIJAY	Pratik	B111081	TAPKEER VISHAL SANJAY	
B111041	KHOPADE PRITI DADASO	Pratik	B111082	VASAVE VIRENDRA JALAMSING	Pratik
			B111083	YAMGAR HARSHVARDHAN ABA	





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

Permission for Industrial Visit

Date: - 20/11/2021

To,
Diligent Engineering,
Malhari Bhosale Industrial Estate,
Narhe, Pune 411041.


Subject: - Permission for Industrial Visit on 22/11/2021.

Respected Sir,

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

Our students from T E civil (total students-82) are interested to visit Industrial building, Roof Truss, Gantry Girder. So student will able to understand the different aspects of Civil engineering.

Kindly permit the visit for the benefit of our student and faculty members
Thanking You


Prof. A. V. Wakchaure
Assistant Professor
Civil Engg. Dept.

Remarks:

*Sanalika
Received*

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





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



Record No. ZCOER-ACAD/R/39

Revision: 00

Date 01/04/2021

Date: 22-11-2021

SITE VISIT UNDERTAKING

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.
It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching - non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No	Name of Student	Sign	Roll No	Name of Student	Sign
T111001	AKHADE ATHARVARAJ NARESH		T111017	GHIGE JIVAN SHRIPATI	
T111002	BANARASE SHUBHAM ARVIND		T111018	GHONE GITANJALI MAHESH	
T111003	BATHE PRASAD NANA		T111019	GHUDE PRAJAKTA MANOJ	
T111004	BELURE RUSHIKESH KASHINATH		T111020	GHUGE SAURABH PANJABRAO	
T111005	BODAKE RUSHIKESH VISHNU		T111021	GONDAL VIKRAM VINOD	
T111006	BORSE SUYASH YASHWANT		T111022	GONGE GAURAV SHANKAR	
T111007	CHARWAD SARTHAK KULDEEP		T111023	HODLURKAR VALLABH UMESHRAO	
T111008	CHAVAN MAHESH NAMDEO		T111024	INGALE POONAM MARUTI	
T111009	CHAVAN SANGRAM RAJARAM		T111025	JAGTAP RUSHIKESH RAJENDRA	
T111010	DALVI RUSHIKESH INDRAJEET		T111026	JAYBHAYE PRACHI VITTHAL	
T111011	DARKUNDE GAURAV UDDHAV		T111027	KADAM ASMIT ANAND	
T111012	DESHMUKH TEJRAJ BHOLANATH		T111028	KAKDE SHIVAM SHAHADEV	
T111013	DEVKATE ABHISHEK TANAJI		T111029	KALE ANIKET RAMCHANDRA	
T111014	GAVIT PUJA NAMVANT		T111030	KAMBLE PRANALI MARUTI	
T111015	GAWADE ROHIT ZUNJAR		T111031	KARALE MOHAN SHIVAJI	
T111016	GHATULE AKASH EKNATH		T111032	KARLE RUSHIKESH VILAS	





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NARHE | PUNE -41 | INDIA**



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Roll No	Name of Student	Sign	Roll No	Name of Student	Sign
T111033	KENDRE PRASHANT DAYANAND		T111049	PATIL BHAGYASHRI VIJAY	<i>Patil</i>
T111034	KHAIRMODE ABHISHEK BHANUDAS		T111050	PATIL HARSHADA VINOD	
T111035	KHAN NOMAN KADIR		T111051	PATIL MAHADEV NIVRUTTI	
T111036	KHEMNAR RAVINDRA MARUTI		T111052	PATIL NALIN SURESH	
T111037	KOLEKAR SOURABH SHAHAJI	<i>Shaha</i>	T111053	PATIL RUTIK ANIL	<i>Patil</i>
T111038	LOHOKARE ABHISHEK SANJAY		T111054	PATIL SATISH	
T111039	LOKARE SNEHA KERABA	<i>Sneha</i>	T111055	PATIL TANMAY HANUMANT	
T111040	LOKARE TUSHAR BABAN		T111056	PATIL VISHAL RAM	
T111041	LONDHE POOJA NAGESH		T111057	PAWAR SHRENIK BAPU	
T111042	MAIDEO KEDAR RANGANATH	<i>MAI</i>	T111058	POTE ABHIJEET RAMESH	<i>Pote</i>
T111043	MORE TANESH KASHINATH		T111059	RAKESH RAJENDRA LAD	
T111044	MOTE PRANAV KISAN	<i>Mote</i>	T111060	RASKAR DIPALI DILIP	
T111045	NACHAN DIVYA SATISH	<i>Divya</i>	T111061	RATHOD SAURABH RAJKUMAR	
T111046	NADGE ATHARVA RAHUL		T111062	SABLE BHUPESH KANHAIYALAL	
T111047	NEVE NANDINI SUNIL	<i>Neve</i>	T111063	SANTDARSHAN SURESH GURAV	
T111048	PARAB NAVIN NARESH		T111064	SHIKHARE GEETA LAXMAN	





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NARHE | PUNE -41 | INDIA



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Roll No	Name of Student	Sign
T111065	SHINDE SANDEEP CHANDRAKANT	
T111066	SHINDE SOHAM AJAY	
T111067	SHINDE SURAJ ANANDA	
T111068	SHIVAM SATISH SHENDGE	
T111069	SINGH PRASHANT NARENDRA	
T111070	SURAVASE SURAJ RAJENDRA	
T111071	TADAVI AFRIN RASHID	
T111072	TAPASE VINAY ANAND	
T111073	TATHE VIRAJ VAIBHAV	
T111074	VAKHARIYA DARSHAN SATISHKUMAR	
T111075	VATARI KAUSHAL NANDKUMAR	
T111076	VEER ASHISH PANDURANG	
T111077	VISHWAS OMKAR MOHAN	
T111078	VYAVAHARE VISHAL ARUN	
T111079	WAGHAMARE SANKET DHANANJAY	
T111080	WAGHMARE SARVADEEP SANJAY	
T111081	WAN EBOR HYNNEWTA	
T111082	WARE SHUBHAM BABURAO	





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



Record No.: ZCOER-ACAD/R/

Revision: 00

Date: 01/01/2021

Site Visit Permission

Date: 24-03-2022

To,

Senior Engineer,
DG Developers,
Vision Properties,
Dalviwadi, Baragini mala,
Dhayri 41.

Subject: Permission to avail site visit at DG Developers, Vision Properties, Dalviwadi, Baragini mala, Dhayri 41

Respected Sir,

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

We would like to request you to allow our Civil Engineering Students and faculties for **Site Visit** to DG Developers, Vision Properties, Dalviwadi, Baragini mala, Dhayri 41. As a part of curriculum of Savitribai Phule Pune University the students are supposed to prepare a detailed report based on the visit.

Kindly provide suitable date and timings to visit the plant for two faculties who will arrange the virtual site visit for the students

Further we assure that there will not be any kind of recording in either format. The report generated will be used purely for academic purpose. All safety measures will be strictly followed by our faculties.

We will be highly obliged if you could depute any technical person along with our faculty during the visit.

Kindly permit the visit for the benefit of our student and faculty.

Thanking you in anticipation.

Yours,

Permitted.

R. S. Dalvi

[Signature]
Dr. G. S. Anaokar
Head-Civil Department

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



M/s. D. G. DEVELOPERS
S. No.132, Dalviwadi, Sinhgad Rd.,
Nanded Phata, Dhayari,
Tel. Havell, Dist. Pune-411 041.



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



Record No.: ZCOER-ACAD/

Revision: 00

Date: 01/04/2021

SITE VISIT UNDERTAKING

Department: Civil Engineering
Class and Div.: TE

Semester: II
Subject: DRCS

Academic Year: 2020 -2021
Date: 26-03-2022

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.
It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching – non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No	Name of Student	Sign	Roll No	Name of Student	Sign
T111001	AKHADE ATHARVARAJ NARESH		T111019	GHUDE PRAJAKTA MANOJ	
T111002	BANARASE SHUBHAM ARVIND		T111020	GHUGE SAURABH PANJABRAO	
T111003	BATHE PRASAD NANA		T111021	GONDAL VIKRAM VINOD	
T111004	BELURE RUSHIKESH KASHINATH		T111022	GONGE GAURAV SHANKAR	
T111005	BODAKE RUSHIKESH VISHNU		T111023	HODLURKAR VALLABH U.	
T111006	BORSE SUYASH YASHWANT		T111024	INGALE POONAM MARUTI	
T111007	CHARWAD SARTHAK KULDEEP		T111025	JAGTAP RUSHIKESH RAJENDRA	
T111008	CHAVAN MAHESH NAMDEO		T111026	JAYBHAYE PRACHI VITTHAL	
T111009	CHAVAN SANGRAM RAJARAM		T111027	KADAM ASMIT ANAND	
T111010	DALVI RUSHIKESH INDRAJEET		T111028	KAKDE SHIVAM SHAHADEV	
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T111013	DEVKATE ABHISHEK TANAJI		T111031	KARALE MOHAN SHIVAJI	
T111014	GAVIT PUJA NAMVANT		T111032	KARLE RUSHIKESH VILAS	
T111015	GAWADE ROHIT ZUNJAR		T111033	KENDRE PRASHANT DAYANAND	
T111016	GHATULE AKASH EKNATH		T111034	KHAIRMODE ABHISHEK B.	
T111017	GHIGE JIVAN SHRIPATI		T111035	KHAN NOMAN KADIR	
T111018	GHONE GITANJALI MAHESH		T111036	KHEMNAR RAVINDRA MARUTI	





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NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/

Revision: 00

Date: 01/04/2021

SITE VISIT UNDERTAKING

Department: Civil Engineering
Class and Div.: TE

Semester: II
Subject: DRCS

Academic Year: 2020 -2021
Date: 26-03-2022

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.
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Roll No	Name of Student	Sign	Roll No	Name of Student	Sign
T111037	KOLEKAR SOURABH SHAHAJI		T111055	PATIL TANMAY HANUMANT	
T111038	LOHOKARE ABHISHEK SANJAY		T111056	PATIL VISHAL RAM	
T111039	LOKARE SNEHA KERABA		T111057	PAWAR SHRENIK BAPU	
T111040	LOKARE TUSHAR BABAN		T111058	POTE ABHJEET RAMESH	
T111041	LONDHE POOJA NAGESH		T111059	RAKESH RAJENDRA LAD	
T111042	MAIDEO KEDAR RANGANATH		T111060	RASKAR DIPALI DILIP	
T111043	MORE TANESH KASHINATH		T111061	RATHOD SAURABH RAJKUMAR	
T111044	MOTE PRANAV KISAN		T111062	SABLE BHUPESH KANHAIYALAL	
T111045	NACHAN DIVYA SATISH		T111063	SANTDARSHAN SURESH GURAV	
T111046	NADGE ATHARVA RAHUL		T111064	SHIKHARE GEETA LAXMAN	
T111047	NEVE NANDINI SUNIL		T111065	SHINDE SANDEEP CHANDRAKANT	
T111048	PARAB NAVIN NARESH		T111066	SHINDE SOHAM AJAY	
T111049	PATIL BHAGYASHRI VIJAY		T111067	SHINDE SURAJ ANANDA	
T111050	PATIL HARSHADA VINOD		T111068	SHIVAM SATISH SHENDGE	
T111051	PATIL MAHADEV NIVRUTTI		T111069	SINGH PRASHANT NARENDRA	
T111052	PATIL NALIN SURESH		T111070	SURAVASE SURAJ RAJENDRA	
T111053	PATIL RUTIK ANIL		T111071	TADAVI AFRIN RASHID	
T111054	PATIL SATISH		T111072	TAPASE VINAY ANAND	





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



Record No.: ZCOER-ACAD/

Revision: 00

Date: 01/04/2021

SITE VISIT UNDERTAKING

**Department: Civil Engineering
Class and Div.: TE**

**Semester: II
Subject: DRCS**

**Academic Year: 2020 -2021
Date: 26-03-2022**

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.
It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching - non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No	Name of Student	Sign	Roll No	Name of Student	Sign
T111073	TATHE VIRAJ VAIBHAV		T111078	VYAVAHARE VISHAL ARUN	
T111074	VAKHARIYA DARSHAN S.		T111079	WAGHAMARE SANKET DHANANJAY	
T111075	VATARI KAUSHAL NANDKUMAR		T111080	WAGHMARE SARVADEEP SANJAY	
T111076	VEER ASHISH PANDURANG		T111081	WAN EBOR HYNNEWTA	
T111077	VISHWAS OMKAR MOHAN		T111082	WARE SHUBHAM BABURAO	





पुणे महानगरपालिका
आरोग्य अधिकारी कार्यालय
अन्न व परवाना विभाग
जा.क्र.एचएलओ/२३१८
दि. ०९/०३/२०२२

प्रती,
झील एज्युकेशन सोसायटी
झील कॉलेज ओफ इंजिनीअरिंग एन्ड रिसर्च सेंटर
पुणे ४११०४१

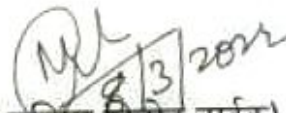
विषय :-पुणे मनपाच्या जैव वैद्यकीय कचरा प्रकल्पास भेट देणे बाबत.

संदर्भ :- आरोग्य कार्यालयाकडील आक्र/एच.एल./४९१५दि.०७.०३.२०२२
चे पत्र.

झील एज्युकेशन सोसायटी झील कॉलेज ओफ इंजिनीअरिंग एन्ड रिसर्च सेंटर, नन्हे, पुणे
यांना आपल्या संस्थेच्या जैव वैद्यकीय कचरा विल्हेवाट प्रकल्पास भेट देण्यासाठी
परवानगी मिळणेबाबत मागणी केलेली आहे.



तरी पुणे मनपा च्या आरोग्य विभागामार्फत संदर्भांकित पत्रानुसार पुणे
महानगरपालिकेच्या कैलास स्मशानभूमी, डॉ.नायडू हॉस्पिटल जवळ येथील जैव वैद्यकीय
कचरा प्रकल्पास भेट देण्यास परवानगी दि. १०/०३/२०२२ रोजी देण्यात येत आहे. तसेच
पाहणी केल्यानंतर त्याचा अहवाल आपले संस्थेमार्फत आमचे कार्यालयाकडे सादर करावा
ही विनंती.

कळावे


(डॉ. मनिषा विनोद नाईक)
सहाय्यक आरोग्य अधिकारी
पुणे महानगरपालिका

प्रत :- माहितीकरिता व कार्यवाहीसाठी
मे.पास्को एन्व्हायर्नमेंटल प्रायव्हेट लिमिटेड



	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA	
Record No.: ZCOER-ACAD/R/059	Revision: 00	Date: 01/04/2021

Site Visit Report

Department: Civil Engineering

Academic Year: 2021-22

Semester: II

Date: 10/03/2022

To,

Head of the Department,

Subject: Submission of SWM site visit report for Sem II of Year 2021-2022

Respected Sir,

I am submitting the report of SWM Hazardous site visit report conducted on 10/03/2022 at Poascco Industries Pune. I request you to note the activities and observations during session conduction.

Site visit started at 09.30 AM with site introduction given by Prof. C. R. Parab & Mr. Singh. Total 30 students were present for site visit from TE Civil class.

Activity 1: Prof. S. D. Redekar introduced about site visit topic and location to all students.

Activity 2: Study of various features of hazardous waste management plant has been observed during the visit.

Activity 3: Specialties of hazardous waste plant have been studied like different units, transport facility, incinerator units were observed.

Activity 4: The visit was concluded with vote of Thanks given by Kaushal Vatari & asked for feedback of the session.

Photographs of conducted activities are attached below:





Hazardous Waste Plant



Explanation of unit by Singh Sir



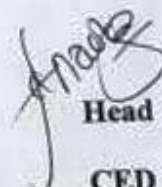
Posco Plant Presentation

Activity : Site Visit

Attendee: 30 (SE)


Subject Teacher
CED


Academic Coordinator
CED


Head
CED

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

HOD
Dept. of Civil Engineering
Zeal College of Engineering & Research, Narhe, Pune-411041





अधिक्षक अभियंता
मलनिःसारण (विद्युत) विभाग
पुणे महानगरपालिका

पुणे महानगरपालिका भवन, रूम नं. १२४, शिवाजी नगर पुणे-४११००५
कार्यालय : (०२०) २५५०१३७७/२५५०१३७४

जावक क्र. २३०७
दिनांक :- २१/३/२०२२

प्रति,
Dr. G. S. Anaokar
Dept of Civil Engineering
Zes's Zeal College of Engineering
& Researc, Narhe, Pune 411041

यांस,

विषय :- नवीन नायडू मैलापाणी शुद्धीकरण केंद्र येथे शैक्षणिक प्रशिक्षण दरम्यान पाहणीसाठी परवानगी मिळणेबाबत.

संदर्भ :- आपले पत्र आ.क्र.२२३० दि.१/३/२०२२

आपले कॉलेजमधील अभ्यासक्रमासाठी संदर्भाकित पत्रान्वये नवीन नायडू मैलापाणी शुद्धीकरण केंद्र, पुणे या प्रकल्पावर शैक्षणिक पाहणीसाठी परवानगी मागितली आहे. दि.११/३/२०२२ व दि.१२/३/२०२२ रोजी प्रत्येकी ४१ विद्यार्थी व २ स्टाफसह सकाळी १०.३० वाजता सदर प्रकल्पाला भेट देण्याची परवानगी खालील अटी व शर्तीस अधिन राहून आपणांस देणेत येत आहे.

अटी व शर्ती

- १) पुणे शहरातील विविध भागातून येणारे मैलापाणी शुद्धीकरण करून नदीमध्ये सोडणेत येते. त्यासाठी कमी अधिक क्षमतेची प्रक्रिया केंद्रे उभारणेत आली आहेत सदर प्रकल्पात विविध टप्प्यांमध्ये मैलापाण्यावर प्रक्रिया करणेसाठी डायजेस्टर, क्लोरिफायर, एरिएटर, सेंट्रीफ्युज, डिक्कंटर, सी.सी. टी. (क्लोरीनेशन प्लॅन्ट) इ. प्रकारचे बांधकाम उभारणी केलेली आहे. याशिवाय या ठिकाणी बऱ्याच उघड्या टाक्या आहेत याची नोंद घ्यावी. तसेच सदर प्रकियेमध्ये आरोग्यास काही प्रमाणात हानीकारक असणारे प्रदूषण वायू निर्माण होतात.
- २) पाहणीसाठी आलेल्या सर्व विद्यार्थ्यां सोबत ओळखपत्र असणे बंधनकारक आहे.
- ३) सर्व विद्यार्थी व स्टाफ यांना कोविड-१९ च्या अनुषंगाने मास्क लावणे बंधनकारक असणार आहे. तसेच विना मास्क कोणालाही प्रवेश मिळणार नाही याची दक्षता घ्यावी.
- ४) दोन्ही लस घेतलेल्या विद्यार्थ्यांनाच प्रवेश देण्यात येईल. सर्टिफिकेट बंधनकारक आहे.
- ५) अभ्यास दौरा चालू असताना विद्यार्थी यांचेमधील अंतर कमीतकमी २ फूट असणे बंधनकारक आहे.
- ६) प्रकल्प पाहणीचे वेळी कोणत्याही प्रकारचे गैरवर्तन करू नये. प्रकल्पावरील कामकाजाचे फोटो काढणे अथवा चित्रिकरण करणे त्यासाठी विशेष परवानगी घेणेत यावी.



विशेष सूचना :-



१. आपल्या संस्थेचे प्रोफे. एस.डी.रेडेकर मोबाईल क्रमांक-९४०५८४९९७४ यांनी परवानगी मागितले असून त्यांना सदर पत्राद्वारे सूचना करण्यात येत आहे की, वरील सर्व अटी व शर्तीस मान्य असल्यास सदर प्रकल्पास भेट द्यावे व तसे मान्य असल्याचे लेखी संमती घ्यावी. या संमतीनुसार ते सदर प्रकल्प भेटीस स्वतः जबाबदार राहणार असून त्यांनी प्रकल्पातील सर्व सुरक्षा नियमांचे पालन करणे बंधनकारक आहेत (प्रकल्प भेटीदरम्यान मनुष्य हानी झाल्यास पुणे मनपा व्यवस्थापन जबाबदार राहणार नाही)
२. आपणाकडून पुणे मनपाचे नुकसान झाल्यास त्याची नुकसान भरपाई आपणाकडून घेतली जाईल याची नोंद घ्यावी.
३. श्रीमती.दिपा जांभूळकर (शाखा अभियंता) मोब क्रमांक -९६८९९३९०२४ आपणास या पत्राद्वारे सूचना करण्यात येत आहे की सदर परवानगी पत्र अटी व शर्तीनुसार संबंधीत संस्थाकडून हमीपत्र व परवानगी पत्र तपासणी करणे आवश्यक आहे. प्रकल्पातील पूर्ण सुरक्षा नियमांचे पालन संबंधीत भेटीमध्ये पाळले जातील याची दक्षता घ्यावी. ह्या भेटीमध्ये आवश्यक व योग्य प्रकारची माहिती संस्थाना देणेत यावी जेणेकरून मनपास हानीकारक व नुकसान होणार नाही ह्याबाबत काळजी घ्यावी.
४. वरील सर्व केंद्रांचे पाहणीनंतर आपले माहितीचा उपयोग शैक्षणिक कामासाठी करावा व ही माहिती सार्वजनिक वापरासाठी करण्यात येऊ नये. तसेच आपले निष्कर्षाची एक प्रत या कार्यालयाकडे जमा करण्यात यावी, अन्यथा संस्थेस कळविण्यात येईल.
कळावे.

Shophale
श्रीपाद पोफळे
मलनिःसारण (विद्युत) विभाग
पुणे महानगरपालिका

प्रत:- प्लॉट मॅनेजर (विद्यार्थी व स्टाफ यांचे वॅक्सिन सर्टिफिकेट तपासून प्रवेश देण्यात यावा.)
श्री.धिरज झेंडे, मो.क्र.९६५७९४०७४०
नवीन नायडू मैलापाणी शुद्धीकरण केंद्र
पुणे महानगरपालिका

यांजकडेस, पुढील कार्यवाहीसाठी सादर...



	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA	
Record No.: ZCOER-ACAD/R/059	Revision: 00	Date:01/04/2021

Site Visit Report

Department: Civil Engineering

Academic Year: 2021-22

Semester: II

Date: 12/03/2022

To,

Head of the Department,

Subject: Submission of WWE site visit report for Sem II of Year 2021-2022

Respected Sir,

I am submitting the report of WWE site visit report conducted on 11/03/2022 at Naidu Plant. I request you to note the activities and observations during session conduction.

Site visit started at 12.00 PM with a welcome note given by Prof. S.D. Redekar. Total 30 students were present on site from TE Civil class.

Activity 1: Prof. S. D. Redekar introduced about site visit topic and location to all students.

Activity 2: Study of various waste water treatment units and sewage treatment has been shown during the visit by plant engineer Mr. Sachin Sir.

Activity 3: ASP treatment unit and secondary treatment has been observed on plant location by students..

Activity 4: Visit was concluded with vote of Thanks given by Neve Nandini & asked for feedback of the session.

Photographs of conducted activities are attached below:





Skimming Tank



Mechanical Screens



Waste Inlet



Group Photo

Activity : Site Visit

Link For Meet: Microsoft Teams

Attendance: 57 (TE)


Subject Teacher

CED


Academic Coordinator

CED

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


Head

CED

HOD
Dept. of Civil Engineering
ZES's Zeal College of Engineering
& Research, Narhe, Pune-411041





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



Record No.: ZCOER-ACAD/R/35

Revision: 00

Date: 01/01/2021

Ref:

Date: 14/3/21

To

Pragati Enterprises
Katraj, Pune

Respected Sir,

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

We would like to request you to allow our S. E. Civil Engineering faculties for physical visit to RMC plant near Katraj to study unit operation and unit processes carrying out at plant. As a part of curriculum of Savitribai Phule Pune University, the students are supposed to prepare a detailed report based on the visit.

Kindly provide suitable date and timings to visit the plant for 2 staffs.

We will be highly obliged if you could depute any technical person along with our faculty during the visit.

Kindly permit the visit for the benefit of our students and faculty.

Thanking you in anticipation.

Yours,

Permitted
Aakar

G.S. Anaokar
Dr. G. S. Anaokar

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





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



Record No.: ZCOER-ACAD/R/

Revision: 00

Date: 01/01/2021

Site Visit Undertaking

Department: Civil Engineering

Semester: I

Academic Year: 2021-22

Class: SE

Div: NA

Date: 4/10/2021

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.

It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching - non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
S111001	BAJAD ABHISHEK RAMKISAN		S111015	KAMBLE POOJA SHRIRAM	<i>Pooja</i>
S111002	BAJARE RUTIKA MANOJ	<i>Rutika</i>	S111016	KHAIRE ATHARVA YASHWANT	<i>Atharva</i>
S111003	BARAMADE AKSHAY BALAJI		S111017	KHANVILKAR ADITYA VIJAY	<i>Aditya</i>
S111004	BHAGAT SURAJ DATTATRAY	<i>Suraj</i>	S111019	LAVUDYA GANESH	<i>Ganesh</i>
S111005	BHALERAO SOURABH RAVINDRA	<i>Sourabh</i>	S111020	MANE SHUBHAM CHANDRAKANT	<i>Shubham</i>
S111006	BICHAKULE HRITHIK NAVNATH		S111021	MEHATTARE RUTUJA GUNDU	<i>Rutuja</i>
S111007	CHAVAN JANVI SATISH	<i>Janvi</i>	S111022	MHASKE VISHAL VIKRAM	
S111008	CHAVAN JEEVAN SUNIL	<i>Jeevan</i>	S111023	MISAL SHIVAM MANIK	<i>Shivam</i>
S111009	GAYAKWAD YOGESH SURESH	<i>Yogesh</i>	S111024	MORE PANKAJ MACHINDRA	<i>Pankaj</i>
S111010	INGALE GOPAL PRAKASH	<i>Gopal</i>	S111026	PARMAR ANKIT PRAKASH	<i>Ankit</i>
S111011	INGOLE RAJRATAN KISAN	<i>Rajratn</i>	S111027	PATIL KULDEEP PRADEEP	<i>Kuldeep</i>
S111012	JADHAV DIGVIJAY ASHOK	<i>Digvijay</i>	S111028	PATIL SHYAM ANANDA	<i>Shyam</i>
S111013	KALANDAR ATTAR YUSUF	<i>Attar</i>	S111029	PATIL YASH ANIL	
S111014	KAMBLE JATIN DILIP	<i>Jatinkamble</i>	S111030	PAWAR SAHIL YASHWANT	<i>Sahil</i>



Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
S111031	RATHOD ABHJEET ANIL		S111059	SHINDE PRATIK SURESH	
S111032	RATHOD YOGESH ARJUN		S111060	SHITOLE PRASANNA RAHUL	
S111033	SALUNKE ROHAN SHASHIKANT		S111061	SONWAL SANIKA SANJAY	
S111034	SAPKAL ADITYA GANESH		S111062	SURWASE POOJA MADHUKAR	
S111035	SHILIMKAR ABHINAY SATISH		S111063	TODKAR SHUBHAM KALIDAS	
S111036	SHIRKE ATHARVA DATTATRAY		S111066	BORSE VISHAKHA SHASHIKANT	
S111038	VEKHANDE SANJAY NAGNATH		S111067	DIXIT RUTURAJ DILIP	
S111039	WADIKAR OMKAR NARSING		S111068	KATKE ANJALI DATTU	
S111040	WAGHMARE ANURADHA SAHEBRAO		S111069	KHEDEKAR SHUBHAM MANGESH	
S111041	DIVEKAR HRISHIKESH PRAKASH		S111070	KUMBHAR ABHISHEK MARUTI	
S111042	CHAVAN ARPITA MADHAV		S111071	MALI ANIKET BHIMRAO	
S111043	DUMBRE DNYANESHWARI SAMPAT		S111072	MORE TANMAY PANKAJ	
S111044	GAIKWAD PIYUSH PANDURANG		S111073	SHEDE MANISH MAHESH	
S111045	KADAM AKSHADA SUBHASH		S111074	SONDKAR SAHIL GORAKH	
S111046	KATHE JEET DNYANESHWAR		S111075	SONKAMBLE AAKANKSHA VITTHAL	
S111047	KHABALE LAXMI SHAMRAO		S111076	NINAWE SURAJ SHRIKANT	
S111048	KHANDARE PAWAN SANTOSH		S111077	TADAVI RAHUL FATTESING	
S111049	MAYUR VIJAY GADE		S111078	JAWALKAR VISHAL NANA	
S111050	NAIK ARPITA SHIVAJI		S111079	LUDBE BANSI JAYWANT	
S111051	NIVALKAR GAURAV GAJANAN		S111080	VASAVE MANOHAR RAYSING	
S111052	PATIL PRATHAMESH DAULAT		65	Pranay S. Bharekar	
S111053	PAWAR SWAPNIL SAIRAM				
S111054	PISAL PRATIKSHA BAPU				
S111055	PUJARI SANJU DUNDAPPA				
S111056	RAMTEKE KUNAL SUJIT				
S111057	RATHOD YASHKUMAR SHANKAR				
S111058	SHAH AKSHAY CHUNNILAL				





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



Record No.: ZCOER-ACAD/R/35

Revision: 00

Date: 01/01/2021

Date: 03/03/2022

Ref:

To,

The Executive Director,
Katraj Dudh Utpadak Sangh Maryadit,
Katraj, Pune.

Subject: Permission for site visit at Katraj Dairy (Bag House Filter).

Respected Sir,

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

We would like to request you to allow our B. E. Civil Engineering students to study and visit Bag House Filter. As a part of curriculum of university, the students are supposed to prepare a detailed report based on the visit.


Kindly provide suitable date and timings to visit the plant for a batch of 70 students and 4 faculties.
64 2

We will be highly obliged if you could depute an expert along with our faculty and students during the visit.

Kindly permit the visit for the benefit of our student and faculty.

Thanking you in anticipation.

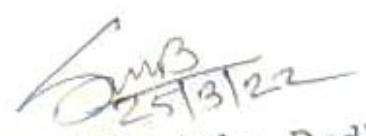
Yours,


Dr. G. S. Anaokar

Head - Civil Department

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




25/3/22
Pune Zilla Saha, Dudh
Utpadak Sangh Mar.
Pune-Satara Road,
Katraj Dairy, Pune-411046.



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



Record No.: ZCOER-ACAD/R/

Revision: 00

Date: 01/01/2021

Site Visit Undertaking

Department: Civil Engineering
Class: BE

Semester: I
Div: NA

Academic Year: 2021-22
Date: -23/3/2021

We UNDERSIGNED, hereby declare that study visit arranged and we all are abide to follow rules and regulation regarding the same.

It will be our responsibility to reach in time and safely and maintain all discipline on the site. Society, College, staff (teaching - non teaching) will not be responsible for any circumstances occurred due to my negligence during site visit.

Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
B111001	ABHYANKAR VARUNRAJ VILAS		B111020	DUMANE DIKSHA ARJUN	
B111002	BANKAR SAKSHI SANJAY		B111021	GADE ANIKET RAJENDRA	
B111003	BHOJ SHREYASH MAHADEV		B111022	GAIKWAD PRASHANT RAMESH	
B111004	BHOSALE AISHWARYA GANESH		B111023	GANGODE PRASHANT PUNDLIK	
B111005	BHOSALE JANMEJAY DATTATRAYA		B111024	GUTTE ASHWINI ASHOK	
B111006	BHUJBAL ANIKET DADA		B111025	HAJARE OMKAR BABAN	
B111007	BOBADE VYANKTESH SHARADKUMAR		B111026	ICHAKE PRATIK PRAVIN	
B111008	CHARWAD PRATIK PRAKASH		B111027	INGOLE KETAKI KALIDAS	
B111009	CHAUDHARI MAHESH NILESH		B111028	JADHAV MONIKA LAXMAN	
B111010	CHAVAN NATHSINHA YUVRAJ		B111029	JADHAV SUMIT VITTHAL	
B111011	CHAVAN SHARWIN KAILASH		B111030	JADHAV TANMAY GANESH	
B111012	DAHIFALE TUSHAR MARUTI		B111031	JAVALEKAR ASHISH ANIL	



B111013	DENGAL AISHWARYA SACHIN	<i>[Signature]</i>	B111032	JOKE OMKAR VIJAYKUMAR	
B111014	DEOKAR OMKAR MANOHAR	<i>[Signature]</i>	B111033	KADAM DIPALI BALASAHEB	<i>[Signature]</i>
B111015	DESAI SUJAY LAXMAN	<i>[Signature]</i>	B111034	KAKADE AJINKYA MAHENDRA	
B111016	DESHMUKH DAYANAND MANOHAR	<i>[Signature]</i>	B111035	KALE PRATIK GANGADHAR	<i>[Signature]</i>
B111017	DESHMUKH VEDANT ARVIND	<i>[Signature]</i>	B111036	KAMBLE MONISH MOHAN	<i>[Signature]</i>
B111018	DEVKATE VISHAL TATTYASO	<i>[Signature]</i>	B111037	KARKANDE SAHIL NATHA	
B111019	DHOLE TUSHAR MUKUND	<i>[Signature]</i>	B111038	KARLEKAR PRIYANKA BABURAO	<i>[Signature]</i>
B111039	KARNE OMKAR PANDURANG		B111064	PATIL KHAGEN SUPADU	<i>[Signature]</i>
B111040	KENJALE PRATHMESH VIJAY	<i>[Signature]</i>	B111065	PATIL NILESH CHHAGAN	<i>[Signature]</i>
B111041	KHOPADE PRITI DADASO	<i>[Signature]</i>	B111066	PATIL PALLAVI VINAYAK	<i>[Signature]</i>
B111042	KODAG PRADNYA VASANT	<i>[Signature]</i>	B111067	PHATE SRUSHTI CHINTAMANI	<i>[Signature]</i>
B111043	KUKADE VEDANT BALASAHEB	<i>[Signature]</i>	B111068	PILANKAR SONAM PRAVIN	
B111044	KULKARNI SNEHAL NITIN	<i>[Signature]</i>	B111069	PODDAR MANOJ	<i>[Signature]</i>
B111045	KUMBHAR ABHISHEK SANTOSH		B111070	POL ABHISHEK RAMLING	<i>[Signature]</i>
B111046	KUSHE TEJAS PRAKASH	<i>[Signature]</i>	B111071	PULIRAJ VENKATESH NARSING	<i>[Signature]</i>
B111047	MANE PRATIK DEEPAK	<i>[Signature]</i>	B111072	RATHOD PREM PRAKASH	<i>[Signature]</i>
B111048	MANOLI PRASAD JAYPAL	<i>[Signature]</i>	B111073	RATHOD YASH MADHUKAR	<i>[Signature]</i>
B111049	MHASKAR VAIBHAV SURESH	<i>[Signature]</i>	B111074	RAYKAR TEJAS VIKRAM	<i>[Signature]</i>
B111050	MOHITE NISHIKANT SHAHAJI		B111075	SAKULKAR KUNAL VINOD	<i>[Signature]</i>
B111051	MORE ABHISHEK MADAN	<i>[Signature]</i>	B111076	SAWANT DHANANJAY VILAS	<i>[Signature]</i>
B111052	MORE RAHUL POPAT	<i>[Signature]</i>	B111077	SHELAR SUNNY DNYANDEO	<i>[Signature]</i>
B111053	MOTEWAR AVINASH MAROTIRAO	<i>[Signature]</i>	B111078	SHINDE MANDAR HEMANT	<i>[Signature]</i>
B111054	MULIK KISHOR BHARAT		B111079	SHINDE SURAJ ANANDRAO	<i>[Signature]</i>
B111055	MUNDHE AMAR RAGHUNATH	<i>[Signature]</i>	B111080	SHIVSHARAN AJINKYA LAXMAN	



B111056	NAKIL RUTUJA JALINDER			
B111057	NIRALA PRASHANTLAL HIRALAL	<i>Rutuja</i>	B111081	TAPKEER VISHAL SANJAY
B111058	PAGARE SHUBHAM KAPIL		B111082	VASAVE VIRENDRA JALAMSING
B111059	PALEKAR AKSHAYKUMAR BHASKAR	<i>Palekar</i>	B111083	YAMGAR HARSHVARDHAN ABA
B111060	PANDHARE AKSHAY VIJAY	<i>Ashay</i>		
B111061	PASALKAR SAKSHI DATTATRAYA	<i>Pasalkar</i>		
B111062	PATEL MAHARSH ISHWARBHAI	<i>M. I. Patel</i>		
B111063	PATIL JAYESH RAVINDRA			



No. KID/PB-1/9000 /2022

Khadakwasla Irrigation Division, Pune.

Date:- 24 MAR 2022

To,
Head of Department,
Zeal Education Societys
Zeal College Of Engineering And Research,
Narhe/ Pune-41 / India
Department of Civil Engineering

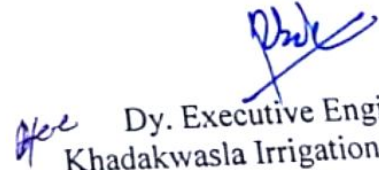
Sub :- Regarding permission for visiting Panshet Dam and Varasgaon Dam.

Ref :- Your letter dated 17-03-2022

With reference to above cited subject, the permission for visiting Panshet Dam and Varasgaon Dam. is granted between 28-03-2022 for 83 students & staff members for study purpose Subject to the following terms & conditions.

1. It is insured by you that, no harm to the Government property on Dam site or in the Government premises.
2. Safety of all visitors is your responsibility.
3. Photography/ Video shooting in the Dam premises is strictly prohibited.
4. Non-violation of Government rules is to be insured by you.
5. Please keep Identity Photo proff of visiting members & shall be produced if requird.

O.C. Signed By E.E.


Dy. Executive Engineer
Khadakwasla Irrigation Divisic
Pune-11

Copy to :- Sub-divisionl Engineer, Mutha Canals Irrigation Subdivision, P
information & necessary action please.



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



Record No.: ZCOER-ACAD/R/

Revision: 00

Date: 01/01/2021

Site Visit Attendance

Department: Civil Engineering

Semester: II

Academic Year: 2021-22

Class: BE

Div: NA

Date: 25/3/2021



Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
B111001	ABHYANKAR VARUNRAJ VILAS		B111020	DUMANE DIKSHA ARJUN	
B111002	BANKAR SAKSHI SANJAY		B111021	GADE ANIKET RAJENDRA	
B111003	BHOJ SHREYASH MAHADEV		B111022	GAIKWAD PRASHANT RAMESH	
B111004	BHOSALE AISHWARYA GANESH		B111023	GANGODE PRASHANT PUNDLIK	
B111005	BHOSALE JANMEJAY DATTATRAYA		B111024	GUTTE ASHWINI ASHOK	
B111006	BHUJBAL ANIKET DADA		B111025	HAJARE OMKAR BABAN	
B111007	BOBADE VYANKTESH SHARADKUMAR		B111026	ICHAKE PRATIK PRAVIN	
B111008	CHARWAD PRATIK PRAKASH		B111027	INGOLE KETAKI KALIDAS	
B111009	CHAUDHARI MAHESH NILESH		B111028	JADHAV MONIKA LAXMAN	
B111010	CHAVAN NATHSINHA YUVRAJ		B111029	JADHAV SUMIT VITTHAL	
B111011	CHAVAN SHARWIN KAILASH		B111030	JADHAV TANMAY GANESH	
B111012	DAHIFALE TUSHAR MARUTI		B111031	JAVALEKAR ASHISH ANIL	
B111013	DENGALE AISHWARYA SACHIN		B111032	JORE OMKAR VIJAYKUMAR	
B111014	DEOKAR OMKAR MANOHAR		B111033	KADAM DIPALI BALASAHEB	
B111015	DESAI SUJAY LAXMAN		B111034	KAKADE AJINKYA MAHENDRA	
B111016	DESHMUKH DAYANAND MANOHAR		B111035	KALE PRATIK GANGADHAR	



B111017	DESHMUKH VEDANT ARVIND		B111036	KAMBLE MONISH MOHAN	<i>Prakash</i>
B111018	DEVKATE VISHAL TATTYASO	<i>Vishal</i>	B111037	KARKANDE SAHIL NATHA	
B111019	DHOLE TUSHAR MUKUND	<i>Tushar</i>	B111038	KARLEKAR PRIYANKA BABURAO	<i>Prakash</i>
B111039	KARNE OMKAR PANDURANG		B111064	PATIL KHAGEN SUPADU	<i>Prakash</i>
B111040	KENJALE PRATHMESH VIJAY	<i>Prakash</i>	B111065	PATIL NILESH CHHAGAN	<i>Prakash</i>
B111041	KHOPADE PRITI DADASO	<i>Prakash</i>	B111066	PATIL PALLAVI VINAYAK	<i>Prakash</i>
B111042	KODAG PRADNYA VASANT	<i>Prakash</i>	B111067	PHATE SRUSHTI CHINTAMANI	<i>Prakash</i>
B111043	KUKADE VEDANT BALASAHEB	<i>Vedant</i>	B111068	PILANKAR SONAM PRAVIN	
B111044	KULKARNI SNEHAL NITIN	<i>Prakash</i>	B111069	PODDAR MANOJ	<i>Prakash</i>
B111045	KUMBHAR ABHISHEK SANTOSH		B111070	POL ABHISHEK RAMLING	<i>Prakash</i>
B111046	KUSHE TEJAS PRAKASH	<i>Prakash</i>	B111071	PULIRAJ VENKATESH NARSING	<i>Prakash</i>
B111047	MANE PRATIK DEEPAK	<i>Prakash</i>	B111072	RATHOD PREM PRAKASH	<i>Prakash</i>
B111048	MANOLI PRASAD JAYPAL	<i>Prakash</i>	B111073	RATHOD YASH MADHUKAR	<i>Prakash</i>
B111049	MHASKAR VAIBHAV SURESH		B111074	RAYKAR TEJAS VIKRAM	<i>Prakash</i>
B111050	MOHITE NISHIKANT SHAHAJI		B111075	SAKULKAR KUNAL VINOD	<i>Prakash</i>
B111051	MORE ABHISHEK MADAN	<i>Prakash</i>	B111076	SAWANT DHANANJAY VILAS	<i>Prakash</i>
B111052	MORE RAHUL POPAT	<i>Prakash</i>	B111077	SHELAR SUNNY DNYANDEO	<i>Prakash</i>
B111053	MOTEWAR AVINASH MAROTIRAO		B111078	SHINDE MANDAR HEMANT	<i>Prakash</i>
B111054	MULIK KISHOR BHARAT		B111079	SHINDE SURAJ ANANDRAO	<i>Prakash</i>
B111055	MUNDHE AMAR RAGHUNATH	<i>Prakash</i>	B111080	SHIVSHARAN AJINKYA LAXMAN	
B111056	NAKIL RUTUJA JALINDER	<i>Prakash</i>	B111081	TAPKEER VISHAL SANJAY	<i>Prakash</i>
B111057	NIRALA PRASHANTLAL HIRALAL	<i>Prakash</i>	B111082	VASAVE VIRENDRA JALAMSING	<i>Prakash</i>
B111058	PAGARE SHUBHAM KAPIL		B111083	YAMGAR HARSHVARDHAN ABA	<i>Prakash</i>
B111059	PALEKAR AKSHAYKUMAR	<i>Prakash</i>			



	BHASKAR	Palkar		
B111060	PANDHARE AKSHAY VIJAY	Manu		
B111061	PASALKAR SAKSHI DATTATRAYA	Pasalkar		
B111062	PATEL MAHARSH ISHWARBHAI	M. S. Patil		
B111063	PATIL JAYESH RAVINDRA			

 ZCOER PUNE	ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE PUNE -41 INDIA	
Record No.: ZCOER-ACAD/R/26A	Revision: 00	Date: 01/04/2021

Allocation of Project Topic


Department: Civil
Class: BE

Semester: I/II
Div: NA

Academic Year: 2021- 2022
Date: 10/08/2021

Group No.	Roll. No.	Name of group members	Project Guide	Finalized Project Topic	Sponsored/ In-house (if sponsored, name of sponsor organization)
CE2021003	B111060	Akshay Vijay Pandhare	Dr. G. S. Anaokar	Flood forecasting using Artificial Neural Network and Alarm system by Internet of Things	In collaboration with Water Resource Dept. Satara Sub Division
	B111059	Akshaykumar Bhaskar Palekar			
	B111001	Varunraj Vilas Abhyankar			
	B111029	Sumit Jadhav			
CE20210012	B111040	Prathmesh Kenjale	Prof. A.V. Wakchaure	Hydrodynamic studies for proposed development of passenger jetti at Janjira	In collaboration with CWPRS-Pune
	B111074	Tejas Raykar			
	B111021	Aniket Gade			




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



ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND RESEARCH
NARHE, PUNE -41



Department of Civil Engineering

Date: 17/08/2021

To,
The Superintending Engineer,
Satara Irrigation Circle,
Satara.

Respected Sir,

Greetings from ZCOER, Pune!

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


Few of our students of B E Civil Class have planned to work on project entitled "**Flood forecasting using Artificial Neural Network and alarm system by Internet of Things (IoT)**". For the development of soft computing model, they will need the data regarding rainfall, Dam Discharge, etc. for the period of 10 years. After completion of this project students will be able to develop ANN model for flood prediction for similar sites. The application of GSM supported IoT will be helpful to develop early warning system in flood affected areas. The detail synopsis we will submit soon as we may have data with us. Requesting to suggest suitable site as per your expertise in this field.

We assure that the data provided from your office will be purely utilized for academic purpose and will not be shared without your consent. Further, no any work will be published in any form (digital/ Hard) without your permission.

Requesting to provide the necessary data and convey any opportunity to our students where they can contribute and join your team.

Thanking You,

Sincerely Yours,


Prof. (Dr.) G. S. Anaokar
Head - Civil Engg. Dept.

HOD

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



अधीक्षक अभियंता

सातारा सिंचन मंडळ,

सिंचन भवन, कृष्णानगर, सातारा - ४१५००३

दुरध्वनी :- (०२१६२)२४६०७१ (०२१६२)२४५१८९ (०२१६२)२४५०७१

ई मेल :- sicsatara@gmail.com



महाराष्ट्र

शासनजलसंपदा

“जनसंपदा विभागाच्या संकेतस्थळाला कृपया भेट द्या - <http:// wrd.maharashtra.gov.in>”

जा.क्र. सासिम/ कक्ष २/ 32८९ /सन २०२१

दिनांक

:

३० /०८ /२०२१

प्रति,

कार्यकारी अभियंता,

सातारा सिंचन विभाग, सातारा

विषय- धोम प्रकल्पाची माहिती देणेबाबत.

संदर्भ- HOD Dept of civil Engg Dept, Zeal College of Engineering and Research कडील
दि. १७/८/२०२१

उपरोक्त संदर्भिय पत्रान्वये Flood Forecasting using artificial neural network and alarm system by Internet of things (IOT) करणेकरीता आवश्यक ती माहिती उपलब्ध करून देणेबाबतचे पत्र प्राप्त झाले आहे.

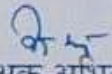
त्याअनुषंगाने आपले विभागाकडील धोम प्रकल्पाबाबची खालील माहिती संबंधितांना उपलब्ध करून देणेचे निर्देश देणेत येत आहेत.

१. Raing fall data (last १० years)
२. Dam Discharge data (last १० years)

हे आपले माहितीसाठी व पुढील कार्यवाहीसाठी रवाना.

सोवत-संदर्भिय पत्र

स्थळप्रत- अ.अ यांना मान्य असे.


उपअधीक्षक अभियंता,
सातारा सिंचन मंडळ, सातारा

✓ प्रत- HOD Dept of civil Engg Dept, Zeal College of Engineering and Research, Narhe, pune ४११
०४१ यांना माहितीसाठी.

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

(SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE)



University of Pune

CERTIFICATE

This is to certify that the Project report entitled "Forecasting Flood Due to Unplanned Discharge of Dams in Western Maharashtra Using Artificial Neural Network and Real Time Monitoring by Internet of Things" was successfully completed by the student of eight semester Degree in Civil engineering. This work is being submitted in the partial fulfilment of the prescribed syllabus of Savitribai Phule Pune University for the academic year 2020-2021.

NAME OF STUDENT


1. AKSHAY VIJAY PANDHARE
2. AKSHAYKUMAR BHASKAR PALEKAR
3. SUMIT VIITHAL JADHAV
4. VARUNRAJ VILAS ABHYANKR

ENROLLMENT NO

B111060
B111059
B111029
B111001


DR. G. S. ANAOKAR
(GUIDE)
Dept. of civil Engineering


DR. G. S. ANAOKAR
(H.O.D CIVIL)
Dept. of civil Engineering


DR. A.M. KATE
(PRINCIPAL)
Zeal College of Engineering


(EXTERNAL EXAMINER)

ACKNOWLEDGEMENT

First and for most, we would like to express our sincere thanks to our Guide **Prof.G.S. Anaokar** for giving us and opportunity to work on this project.

These few lines are an effort to personify my deep sense of gratitude towards all those who helped me to complete my project successfully. We obligated this moment of satisfaction with deep sense of thankfulness to our Guide **Prof. G. S. Anaokar**. His direction and whole hearted is inspiration have been of the greatest help to us in bringing out this work in its present shape. The advice and route provided by him was very helpful in implementation of this project. We are thankful to Principal **Dr. A. M. Kate** for his valuable support.

We are also thankful to **Prof. G. S. Anaokar** (Head of the Civil Engineering Department), for giving us the opportunity to work on this project and spent lot of valuable time with us, without whose co-operation and guidance experimentation of project would not been success and also thankful to Manan Velani & Keval Dholu for Helping us in IOT Work. Furthermore, we would also like to acknowledge with much appreciation the crucial role of Mr. Sanjay Daiphode (WRD Superintending Engg) who provided us data for analysis also we would like to thank to Priti Patil Technically guided us for this project

We would also thank our Institution and our faculty members without whose cooperation and direction of experimentation of project would be impossible.

Place: Narhe, Pune

AKSHAY VIJAY PANDHARE
AKSHAYKUMAR BHASKAR PALEKAR
VARUNRAJ VILAS ABHYANKAR
SUMIT VITTHAL JADHAV



Glimpses of Collaborative Projects

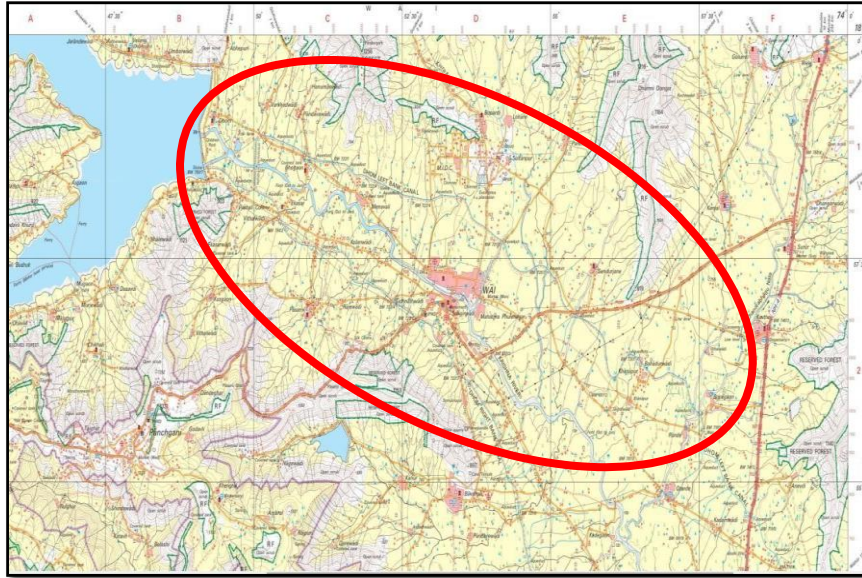


Figure 1 Study Area



Figure 2 Study Area

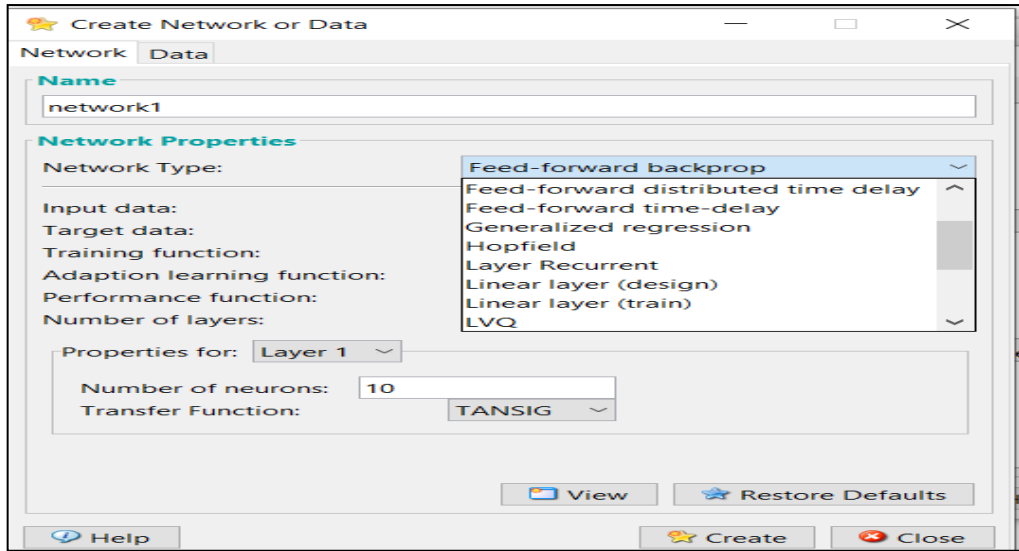


Figure 3- Network Type

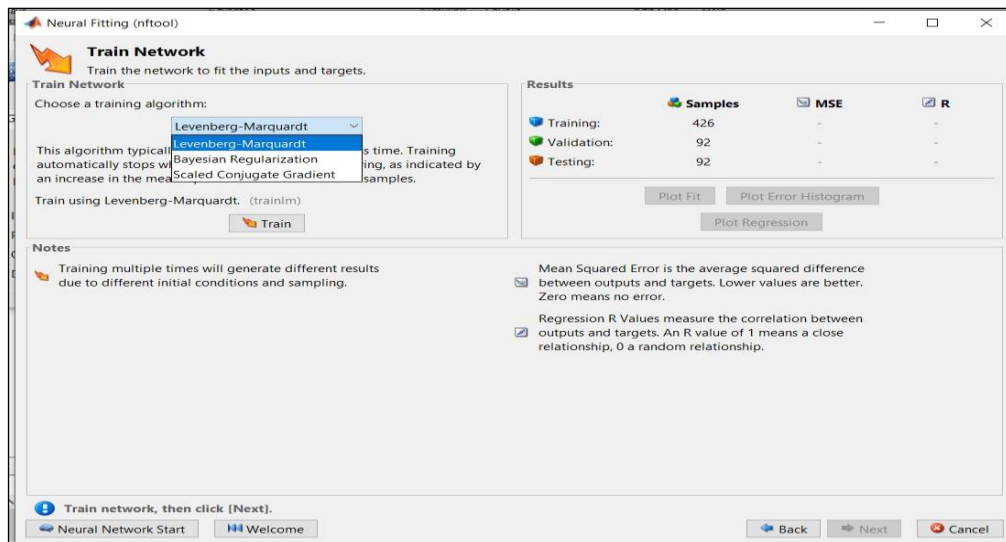


Figure 4- Algorithms

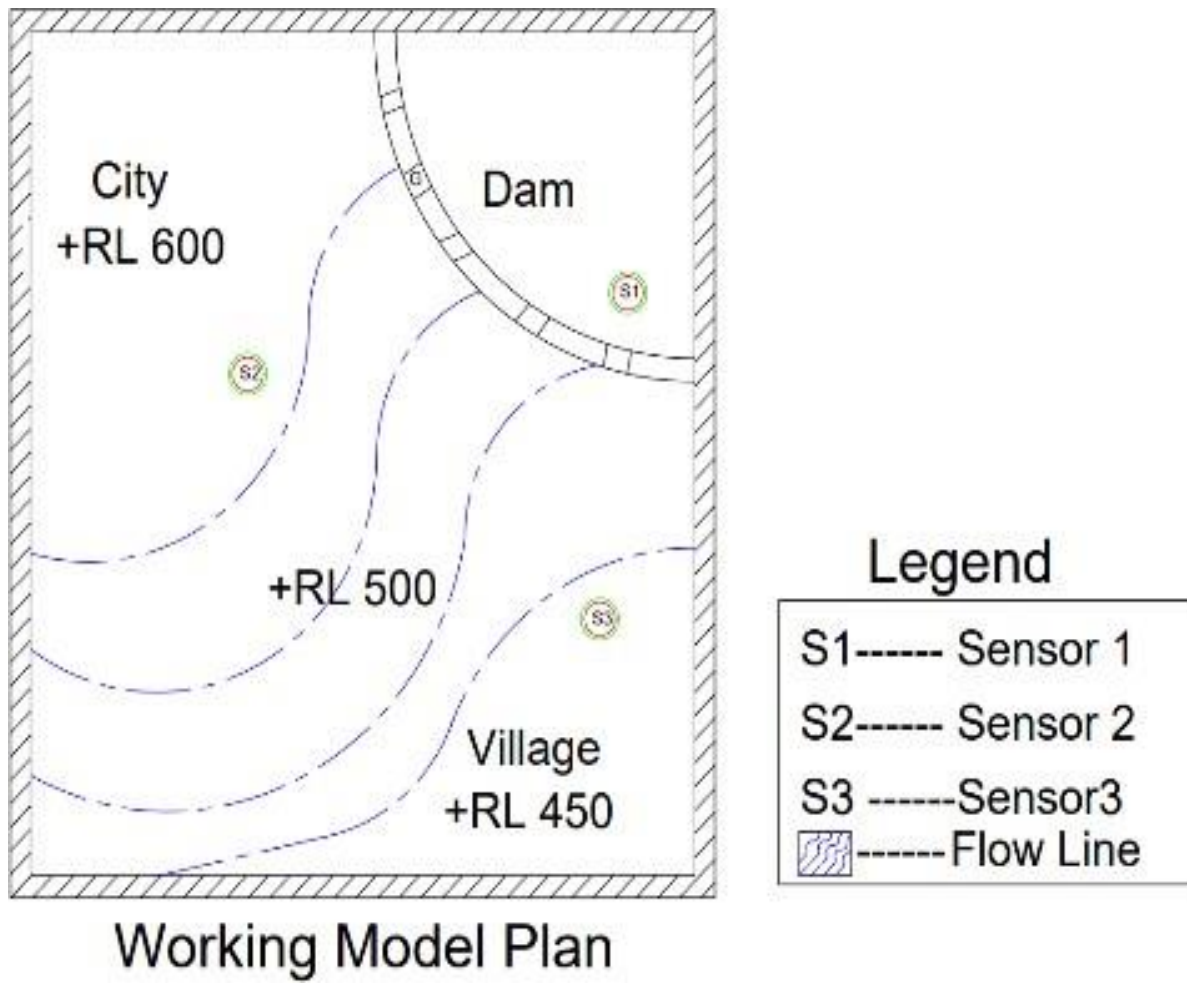


Figure 5- Dam Model



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जल शक्ति मंत्रालय / Ministry of Jal Shakti
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
Department of Water Resources, River Development and
Ganga Rejuvenation
केन्द्रीय जल और विद्युत अनुसंधान शाला
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Khadakwasla, Pune - 411 024

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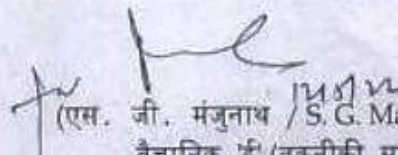
Date: 12 MAY 2022

CERTIFICATE

This is to certify that **Shri Aniket Rajendra Gade, Shri Tejas Vikram Raykar and Shri Prathmesh Vijay Kenjale**, B.E. (Civil) students from Department of Civil Engineering, Zeal College of Engineering and Research, Pune have satisfactorily completed their Project under the supervision and guidance of **Shri B. L. Meena**, Scientist 'C', CWPRS, Pune during Academic year 2021-22.

The topic of their project was "Hydrodynamics and Sedimentation Studies for a Passenger Jetty at Maharashtra Coast"

During the period of their Project Work, they were punctual, hard working and inquisitive. We wish them good luck in future.


(एस. जी. मंजुनाथ / S. G. Manjunatha)
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ZEAL COLLEGE OF ENGINEERING AND RESEARCH

(SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE)



University of Pune

CERTIFICATE

This is to certify that the Project report entitled **"HYDRODYNAMIC STUDIES FOR DEVELOPMENT OF PASSENGER JETTY AT MAHARASHTRA COAST"** was successfully completed by the student of eight semester Degree in Civil engineering. This work is being submitted in the partial fulfilment of the prescribed syllabus of Savitribai Phule Pune University for the academic year 2021-2022.

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I would like to thank my parents, my friends for supporting me in every possible way to make this project successful in limited time frame.



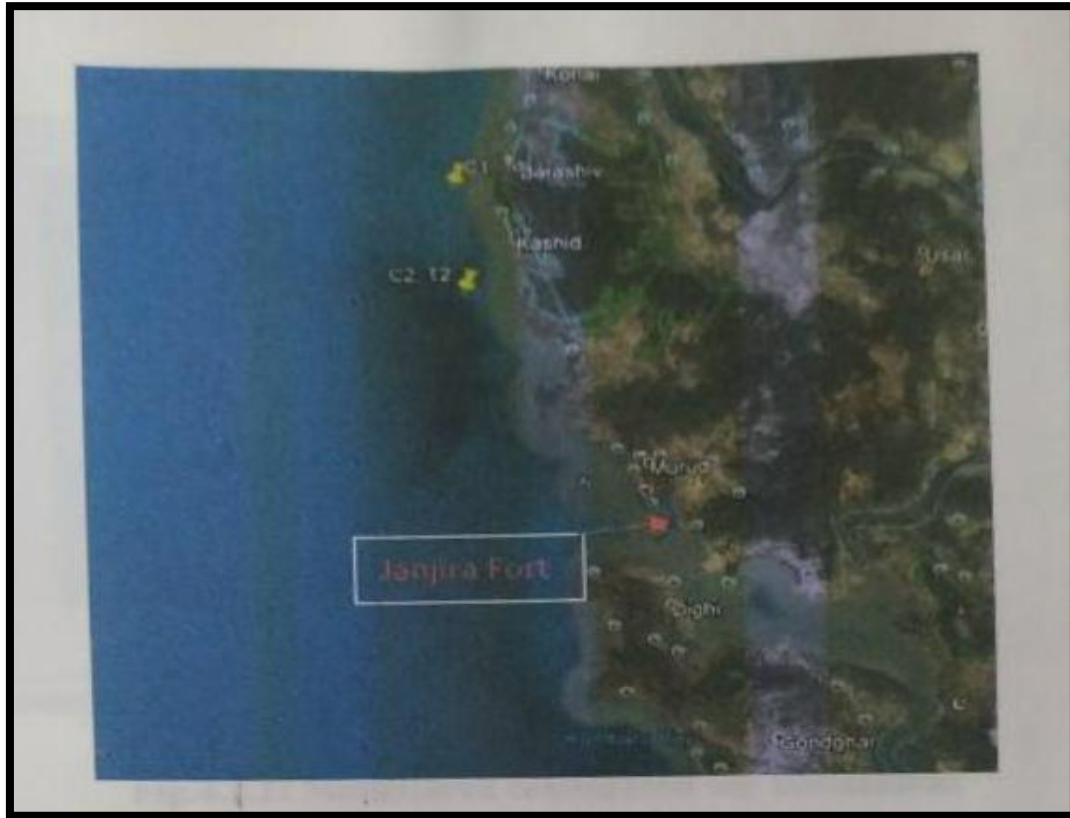


Figure 1- Field Data observation location C1 and C2

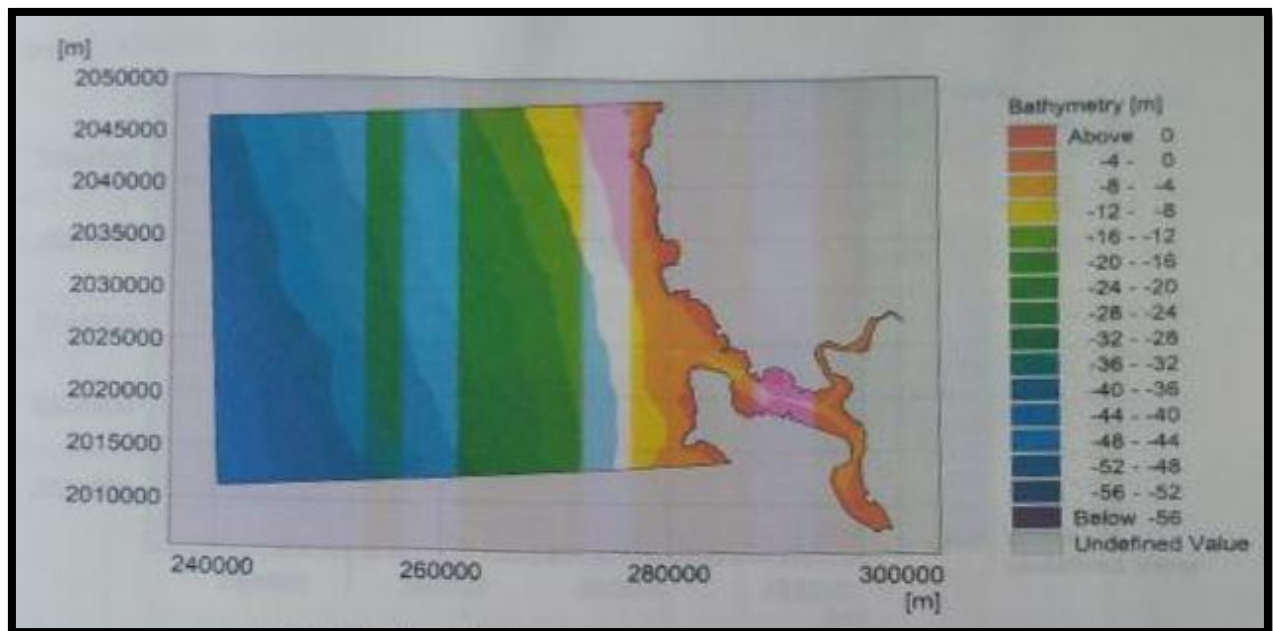


Figure 2-Model Area considered for simulation