

**A**  
**MINI PROJECT-1B REPORT**

**ON**

**“STUDY AND INSPECTION OF STRUCTURAL  
CRACKLS”**

Submitted in partial fulfillment of the requirements of curriculum of

**TE CIVIL ENGINEERING**

Conferred by

**UNIVERSITY OF MUMBAI**

**SUBMITTED BY**

**Mr. CHETAN WADILE**

**Mr. SHIVANI PATIL**

**Mr. VIJAY SHELAVAL**

**Mr. ANIL GUNTHALE**

**SANTOSH GHULE**



**DEPARTMENT OF CIVIL ENGINEERING**

**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,**

**MUMBAI UNIVERSITY (2023-24)**

**AT MOHILI, POST AGHAI, DIST-THANE**

**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,  
MUMBAI UNIVERSITY (2023-24)  
AT MOHILI, POST AGHAI, DIST-THANE  
DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the Project Report titled **“STUDY AND INSPECTION OF STRUCTURAL CRACKS”** is bonafide work of;


**Mr. CHETAN WADILE**

**Mr. SHIVANI PATIL**


**Mr. VIJAY SHELAVALE**

**Mr. ANIL GUNTHALE**

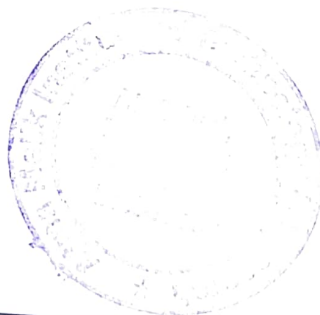
Has successfully completed in a satisfactory manner in a partial fulfillment of requirements for award of Degree in Civil Engineering conferred by the University of Mumbai.

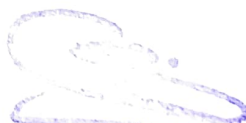
  
**PROF. SANTOSH GHULE**

(Project Guide)

  
**PROF. PRAVIN THORAT**

(HOD, Civil Engineering Degree)





**DR. D.D. SHINDE**

(Principal, AMRIT)

A

**MINI PROJECT-1B REPORT**

**ON**

**“PARTIAL USE OF WASTE GLASS AS A COARSE  
AGGREGATE IN CONCRETE”**

Submitted in partial fulfillment of the requirements of curriculum of

**TE CIVIL ENGINEERING**

Conferred by

**UNIVERSITY OF MUMBAI**

**SUBMITTED BY**

**Mr. MAHESH BONDRE [03]**

**Mr. OMKAR DALVI [04]**

**Mr. ATHARV AVHAD [01]**

**Mr. CHETAN JAVHERI [08]**

**GUIDED BY**

**PROF. SONIYA KADAM**



**DEPARTMENT OF CIVIL ENGINEERING**

**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,**

**MUMBAI UNIVERSITY (2023-24)**

**AT MOHILI, POST AGHAI, DIST-THANE**

ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,  
MUMBAI UNIVERSITY (2023-24)  
AT MOHILI, POST AGHAI, DIST-THANE  
DEPARTMENT OF CIVIL ENGINEERING



**CERTIFICATE**

This is to certify that the Project Report titled “PARTIAL USE OF WASTE GLASS AS A COARSE AGGREGATE IN CONCRETE” is bonafide work of;

Mr. MAHESH J. BONDRE [03]

Mr. OMKAR R. DALVI [04]

Mr. ATHARV A. AVHAD [01]

Mr. CHETAN P. JAVHERI [08]

Has successfully completed in a satisfactory manner in a partial fulfillment of requirements forward of Degree in Civil Engineering conferred by the University of Mumbai.

  
23/4/24

PROF. SONIYA KADAM

(Project Guide)

  
PROF. DR. M. S. PURKAR

(HOD, Civil Engineering Degree)



  
DR. D.D. SHINDE

(Principal, AMRIT)



**A**  
**MINI PROJECT-2B REPORT**  
**ON**

**“Use of bamboo as reinforcement in structural elements”.**

Submitted in partial fulfillment of the requirements of curriculum of

**TE CIVIL ENGINEERING**

Conferred by

**UNIVERSITY OF MUMBAI**

**SUBMITTED BY**

**Ms. PRIYANKA V. BHOIR** [02]

**Mr. SURAJ A. JADHAV** [07]

**Mr. ABDULKADIR D. MADNI** [10]

**Ms. POONAM S. TAYDE** [14]

**GUIDED BY**

**Prof. SONIYA KADAM**



**DEPARTMENT OF CIVIL ENGINEERING**  
**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,**

**MUMBAI UNIVERSITY (2022-23)**

**AT MOHILI, POST AGHAI, DIST-THANE 2022-2023**

ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,  
MUMBAI UNIVERSITY (2022-23)

AT MOHLI, POST AGHAI, DIST-THANE 2022-2023

DEPARTMENT OF CIVIL ENGINEERING



**CERTIFICATE**

This is to certify that the Project Report titled “Use of bamboo as reinforcement instrstructural element” is bonafide work of;

**Ms. PRIYANKA V. BHOIR**

**Mr. SURAJ A. JADHAV**

**Mr. ABDULKADIR D. MADNI**

**Ms. POONAM S. TAYDE**

Has successfully completed in a satisfactory manner in a partial fulfilment of requirements for award of Degree in Civil Engineering conferred by the Maharashtra State Board of Technical Education.

  
**Prof. SONIYA KADAM**  
(Project Guide)

  
**Dr. M. S. PURKAR**

(HOD, Civil Engineering Degree)





**Dr. D.D. SHINDE**

(Principal, AMRIT)

**A**  
**MINI PROJECT-2A REPORT**

**ON**

**“Soil Stabilization Using Marble Dust”.**

Submitted in partial fulfillment of the requirements of curriculum of

**TE CIVIL ENGINEERING**

Conferred by

**UNIVERSITY OF MUMBAI**

**SUBMITTED BY**

**Ms. LEENA B. PATIL [11]**

**Ms. DIYA V. MADHAVI [09]**

**Mr. PRATIK R. DOKE [05]**

**GUIDED BY**

**Prof. NIVRUTTI JADHAV**



**DEPARTMENT OF CIVIL ENGINEERING**

ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,

MUMBAI UNIVERSITY (2023-24)

ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,  
MUMBAI UNIVERSITY (2023-24)

AT-MOHILI, POST-AGHAI, TAL-SHAHAPUR, DIST-THANE

DEPARTMENT OF CIVIL ENGINEERING



**CERTIFICATE**

This is to certify that the Project Report titled “**Soil Stabilization Using Marble Dust**” is bonafide work of;

Ms. LEENA B. PATIL	[11]
Ms. DIYA V. MADHAVI	[09]
Mr. PRATIK R. DOKE	[05]

Has successfully completed in a satisfactory manner in a partial fulfilment of requirements forward of Degree in Civil Engineering conferred by the University of Mumbai.

 22/04/2024  
Prof. NIVRUTHI JADHAV  
(Project Guide)

 23/04/24  
Prof. DR.M.S. PURKAR

(HOD, Civil Engineering Degree)



Dr. D.D. SHINDE

(Principal, AMRIT)





**REPORT**

**ON**

**“DETAIL STUDY OF READY MIX CONCRETE”.**

Submitted in partial fulfilment of the requirements of curriculum of

**TE CIVIL ENGINEERING**

Conferred by

**UNIVERSITY OF MUMBAI**

**SUBMITTED BY**

**Mr. PRANAY MORE**

**[17]**

GUIDED BY

**Prof. SONIA KADAM**



**DEPARTMENT OF CIVIL ENGINEERING**

**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,**

**MUMBAI UNIVERSITY (2023-24)**

**AT MOHILI, POST AGHAI, DIST-THANE 2023-2024**

**ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH,  
MUMBAI UNIVERSITY (2023-24)  
AT MOHILI, POST AGHAI, DIST-THANE 2023-2024  
DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the Project Report titled “DETAIL STUDY OF READY MIX CONCRETE” is bonafide work of;

Has successfully completed in a satisfactory manner in a partial fulfillment of requirements for award of Degree in Civil Engineering conferred by the University Of Mumbai.

**Mr. PRANAY MORE**

[17]

**Prof. SONIYA KADAM**  
(Project Guide)

**Prof. PRAVIN M. THORAT**

(HOD, Civil Engineering Degree)

**Dr. D.D. SHINDE**

(Principal, AMRIT)

