



## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE-New Delhi)  
(Accredited by NAAC with "A" Grade and Accredited by NBA for CSE, ECE, EEE, ISE and ME)  
(ISO 9001:2015 & ISO 14001:2015 Certified Institute)

### Department of Civil Engineering

Mini project Academic Year 2021-22

| Sl. NO | Batch No | Name of the student   | USN        | Mini Project Title                  |
|--------|----------|-----------------------|------------|-------------------------------------|
| 1      | Batch 1  | Suma S                | 1SG20CV027 | Under water tunnel                  |
| 2      |          | Prathiksha P Palankar | 1SG20CV016 |                                     |
| 3      |          | Adarsh Pandey         | 1SG20CV001 |                                     |
| 4      |          | DARSHAN R             | DIP        |                                     |
| 5      |          | MANOJ D M             | DIP        |                                     |
| 6      | Batch 2  | Rakshitha R           | 1SG20CV018 | vertical opening bridge             |
| 7      |          | Yamuna K R            | 1SG20CV034 |                                     |
| 8      |          | Nisarga S S           | 1SG20CV015 |                                     |
| 9      |          | YASHAS K A            | 1SG20CV035 |                                     |
| 10     |          | Bhoomika D R          | 1SG20CV004 |                                     |
| 11     | Batch 3  | Neha TM               | 1SG20CV014 | Hydraulic press                     |
| 12     |          | BINDUSHREE A S        | DIP        |                                     |
| 13     |          | Kishan                | 1SG20CV010 |                                     |
| 14     |          | MALLIKARJUN           | DIP        |                                     |
| 15     |          | Shivraj Kumar         | 1SG20CV024 |                                     |
| 16     | Batch 4  | AKSHAY GOWDA B M      | 1SG20CV002 | Speed breaker power generator       |
| 17     |          | DHANUSH LK            | 1SG20CV005 |                                     |
| 18     |          | HARSHAVARDHAN M       | 1SG20CV006 |                                     |
| 19     |          | YOUNIS AHMAD TALI     | 1SG20CV037 |                                     |
| 20     |          | K LOHIT BABU          | 1SG20CV008 |                                     |
| 21     | Batch 5  | KARTHIK KJ            | 1SG20CV009 | Sieve Shaker                        |
| 22     |          | LAKSHMAN NAIK KS      | 1SG20CV011 |                                     |
| 23     |          | MOHD MUDASSAR RATHA   | 1SG20CV012 |                                     |
| 24     |          | NABIN KUMAR MAHATO    | 1SG20CV013 |                                     |
| 25     |          | PREETHAM K R          | 1SG20CV017 |                                     |
| 26     | Batch 6  | SAGAR MN              | 1SG20CV021 | Rotating bridge                     |
| 27     |          | TARUN K               | 1SG20CV028 |                                     |
| 28     |          | SANKETH VALAHATTI     | 1SG20CV022 |                                     |
| 29     |          | Kiran                 | DIP        |                                     |
| 30     |          | Tejas M               | 1SG20CVO29 |                                     |
| 31     | Batch 7  | Sujay gowda           | 1SG20CVO26 | Application of EPS Geoform          |
| 32     |          | Rohan M               | 1SG20CV019 |                                     |
| 33     |          | Vidya S               | 1SG20CV032 |                                     |
| 34     |          | Thanushree KS         | 1SG20CV030 |                                     |
| 35     |          | Vinay v               | 1SG20CV032 |                                     |
| 36     | Batch 8  | Anand itagi           | 1SG20CV003 | Base isolation earthquake resistant |
| 37     |          | Sharan s              | 1SG20CV023 |                                     |
| 38     |          | Venktesh              | 1SG20CV031 |                                     |
| 39     |          | YASHU GOWDA R         | 1SG20CV036 |                                     |

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HOD CV  
Dept. of Civil Engg.  
S.C.E, Bangalore-560 057.



VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
"JNANA SANGAMA", BELAGAVI-590018



A MINI PROJECT REPORT ON  
UNDER WATER TUNNEL

Submitted By:

|                       |            |
|-----------------------|------------|
| SUMA S                | 1SG20CV027 |
| PRATHIKSHA P PALANKAR | 1SG20CV016 |
| ADARSH PANDEY         | 1SG20CV001 |
| DARSHAN R             | DIP        |
| MANOJ D M             | DIP        |

Under the Guidance Of:  
Prof. *PALLAVI G. A.*  
Asst. Professor



DEPARTMENT OF CIVIL ENGINEERING  
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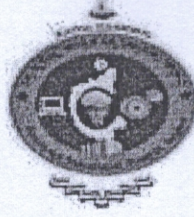
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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that the Mini Project work entitled "UNDER WATER TUNNEL" carried out by SUMA S (1SG20CV027), Prathiksha P Palankar (1SG20CV016), Adarsh Pandey (1SG20cv001), Darshan R (), Manoj D M () of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Prof. PALLAVI G A  
Asst. professor  
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Dr. RAJESHWARI R  
H.O.D  
Department of Civil Engineering



VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
"JNANA SANGAMA", BELAGAVI-590018



A MINI PROJECT REPORT ON  
VERTICAL OPENING BRIDGE

Submitted By:

|              |            |
|--------------|------------|
| Rakshitha R  | 1SG20CV018 |
| Yamuna K R   | 1SG20CV034 |
| Nisarga S S  | 1SG20CV015 |
| YASHAS K A   | 1SG20CV035 |
| Bhoomika D R | 1SG20CV004 |

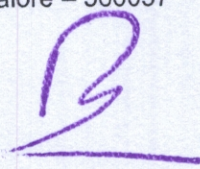
Under the Guidance Of:  
Prof. PALLAVI G A  
Asst. Professor



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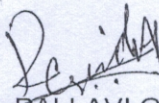
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DEPARTMENT OF CIVIL ENGINEERING





CERTIFICATE

Certified that the Mini Project work entitled "Vertical Opening Bridge" carried out by Rakshitha R (1SG20CV018), Yamuna K R (1SG20CV034), Nisarga S (1SG20CV015), YASHAS K A (1SG20CV035) of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

  
Prof. PALLAVI G A  
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A MINI PROJECT REPORT ON  
HYDRAULIC PRESS

Submitted By:

|                |            |
|----------------|------------|
| Neha TM        | 1SG20CV014 |
| BINDUSHREE A S | DIP        |
| Kishan         | 1SG20CV010 |
| MALLIKARJUN    | DIP        |
| Shivraj Kumar  | 1SG20CV024 |


Under the Guidance Of:  
MAHESH  
Asst. Professor



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CERTIFICATE

Certified that the Mini Project work entitled "Hydraulic Press" carried out by Neha T M (1SG20CV014), Bindushree A S (), Kishan (1SG20CV010), Mallikarjun () Shivraj Kumar (1SG20CV024) of 3rd Semester in partial fulfillment for the award of degree in Bachelor of Engineering at Sathagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

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Department of Civil Engineering



VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
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A MINI PROJECT REPORT ON

SPEED BREAKER POWER GENERATOR

Submitted By:

|                   |            |
|-------------------|------------|
| AKSHAY GOWDA B M  | 1SG20CV002 |
| DHANUSH LK        | 1SG20CV005 |
| HARSHAVARDHAN M   | 1SG20CV006 |
| YOUNIS AHMAD TALI | 1SG20CV037 |
| K LOHIT BABU      | 1SG20CV008 |


Under the Guidance Of:  
DR. RAJESHWARI R  
Professor & Head



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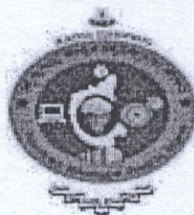
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CERTIFICATE

Certified that the Mini Project work entitled "Speed breaker power generator" carried out by AKSHAY GOWDA B M (1SG20CV002), DHANUSH LK (1SG20CV005), HARSHAVARDHAN M (1SG20CV006), YOUNIS AHMAD TALI (1SG20CV037), K LOHIT BABU (1SG20CV008) of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

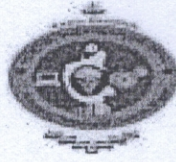
Dr. RAJESHWARI R  
Professor

Dr. RAJESHWARI R  
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A MINI PROJECT REPORT ON

SIEVE SHAKER

Submitted By:

|                      |            |
|----------------------|------------|
| KARTHIK KJ           | 1SG20CV009 |
| LAKSHMAN NAIK KS     | 1SG20CV011 |
| MOHD MUDASSAR RATHAR | 1SG20CV012 |
| NABIN KUMAR MAHATO   | 1SG20CV013 |

Under the Guidance Of:


Prof. Akshay J  
Asst Professor



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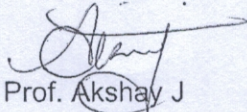
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
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Certified that the Mini Project work entitled "Sieve Shaker" carried out by KARTHIK KJ (1SG20CV009), LAKSHMAN NAIK KS (1SG20CV011), MOHD MUDASSAR RATHAR (1SG20CV012), NABIN KUMAR MAHATO (1SG20CV013) of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

  
Prof. Akshay J  
Asst. Professor

  
Dr. RAJESHWARI R  
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A MINI PROJECT REPORT ON

ROTATING BRIDGE

Submitted By:

|                   |            |
|-------------------|------------|
| PREETHAM K R      | 1SG20CV017 |
| SAGAR MN          | 1SG20CV021 |
| TARUN K           | 1SG20CV028 |
| SANKETH VALAHATTI | 1SG20CV022 |
| Kiran             |            |

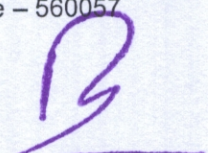
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Prof. Shobha Y N  
Asst Professor



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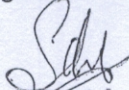
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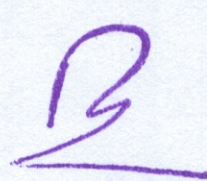


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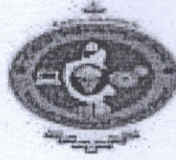
  
Prof. Shobha Y N  
Asst. Professor

  
Dr. RAJESHWARI R  
H.O.D

  
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
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A MINI PROJECT REPORT ON

Application of EPS Geoform

Submitted By:

|               |            |
|---------------|------------|
| Tejas M       | 1SG20CVO29 |
| Sujay gowda   | 1SG20CVO26 |
| Rohan M       | 1SG20CV019 |
| Vidya S       | 1SG20CV032 |
| Thanushree KS | 1SG20CV030 |

Under the Guidance Of:

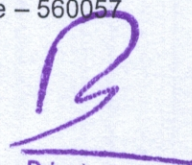
Prof. Suma N G  
Asst Professor



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DEPARTMENT OF CIVIL ENGINEERING



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Certified that the Mini Project work entitled "Applications of EPS Geoform" carried out by Tejas M (1SG20CVO29), Sujay gowda(1SG20CVO26), Rohan M (1SG20CV019), Vidya S (1SG20CV032), Thanushree KS (1SG20CV030) of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

  
Prof. Sema N G  
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Dr. RAJESHWARI R  
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A MINI PROJECT REPORT ON  
BASE ISOLATION AND EARTHQUAKE RESISTANCE

Submitted By:

|               |            |
|---------------|------------|
| Vinay v       | 1SG20CV032 |
| Anand itagi   | 1SG20CV003 |
| Sharan S      | 1SG20CV023 |
| Venktesh      | 1SG20CV031 |
| YASHU GOWDA R | 1SG20CV036 |

Under the Guidance Of:

Prof.

Asst Professor



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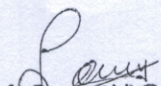
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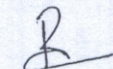


CERTIFICATE

Certified that the Mini Project work entitled " Base Isolation and Earthquake Resistant" carried out by Vinay V (1SG20CV032), Anand itagi (1SG20CV003), Sharan S (1SG20CV023), Venktesh (1SG20CV031), YASHU GOWDA R (1SG20CV036) of 3rd Semester in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

  
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