



# Indra Ganesan

**COLLEGE OF ENGINEERING**

Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR-2020-2021 EVEN

### CIRCULAR

DATE: 19.02.2021

One day Research Methodology Seminar on “Experiment on Bridge Design for Changing Environment” will be conducted by CIVIL Engineering department in association with IQAC of IGCE on **01.03.2021** for All II, III, and IV Year Civil Engineering Students. These students are instructed to attend the program at online class without fail.

Resource Person	Mr.A.Ramkumar Sai Associates Coimbatore
Venue	Google Meet  Meeting Link: <a href="https://meet.google.com/jqb-pcsn-psv">https://meet.google.com/jqb-pcsn-psv</a>

*[Signature]*  
HOD/CIVIL

*[Signature]*  
Principal

Cc:

- PRINCIPAL OFFICE
- HOD/CIVIL & Faculty Members
- All II,III and IV Year B.ECIVIL Classes
- IQAC Coordinator
- Notice Board
- Office File

*[Signature]*  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



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Cordially invite you for the

**RESEARCH METHODOLOGY**

**SEMINAR**

**ON**

**“Experiment on Bridge Design for a Changing Environment”**

**Date: 01.03.2021**

**Venue: Google Meet**

**Shri.Er.G.RAJASEKARAN**

**SECRETARY**

**Shri.Dr.G.BALAKRISHNAN**

**MANAGING DIRECTOR**

**Shri.Dr.S.BHARATHIRAJA**

**Principal**

**RESOURCE PERSON**

**Mr.A.RAMKUMAR, M.E, MISTE**

**Sai Associates**

**Coimbatore**

**Dr. G. Balakrishnan, M.E., Ph.D.**  
**Principal**

**Indra Ganesan College of Engineering**  
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## AGENDA

**DATE :** 01.03.2021

**TIME :** 10.00AM

**TITLE :** Experiment on Bridge Design for a Changing Environment

**VENUE :** Google Meet

### Welcome Address &

**Chief Guest Introduction :** Ms.D.Sheeba, AP/Civil

**Resource Person :** Mr.A.RAMKUMAR, M.E, MISTE  
Sai Associates  
Coimbatore

### Topics

**Session -I (FN) :** Research Bridge Design

**Session -II (AN) :** Application Bridge Design for a  
Changing Environment

**Vote of thanks :** Ms.D.Sheeba, AP/Civil

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal

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## DEPARTMENT OF CIVIL ENGINEERING

### ACADEMIC YEAR-2021-2022 EVEN

### **"Experiment on Bridge Design for a Changing Environment"**

### STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENT NAME	YEAR
1.	811217103001	AISHWARIYA P	IV/CIVIL
2.	811217103002	AKASH S	IV/CIVIL
3.	811217103003	AROCKIARENAL D	IV/CIVIL
4.	811217103004	AVINASHKUMAR R	IV/CIVIL
5.	811217103005	BALAJI S	IV/CIVIL
6.	811217103006	BALASUBRAMANI R	IV/CIVIL
7.	811217103007	DEEPANS K	IV/CIVIL
8.	811217103008	GAYATHRI A	IV/CIVIL
9.	811217103009	KOKILA P	IV/CIVIL
10.	811217103010	MANIKANDAN G	IV/CIVIL
11.	811217103012	NAVANEETHANKRISHNAN K	IV/CIVIL
12.	811217103013	PALANIYAPPAN N	IV/CIVIL
13.	811217103014	SALEEMKHAN S	IV/CIVIL
14.	811217103015	SATHISHKUMAR S	IV/CIVIL
15.	811217103016	THAMARISELVI K	IV/CIVIL
16.	811217103301	ARUNPRASATH R	IV/CIVIL
17.	811217103302	JOELFERNANDEZ R	IV/CIVIL
18.	811217103303	SUMITHRA R	IV/CIVIL
19.	811217103304	THIRUPATHIRAJA G	IV/CIVIL
20.	811218103002	MAHENDRAN M	III/CIVIL
21.	811218103003	MUSARAF ALI S	III/CIVIL
22.	811218103304	PRABHU J	III/CIVIL
23.	811219103001	VIGNESH R	II/CIVIL

*S. Vinitha*  
RM COORDINATOR

*(Signature)*  
Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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*(Signature)*  
HoD



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**DEPARTMENT OF CIVIL ENGINEERING**

**ONE DAY RESEARCH METHODOLOGY WORKSHOP**

**ON**


**"RECENT ENGINEERING STRUCTURES IN MODERN INDIA"**

**STUDENTS ATTENDANCE LIST**

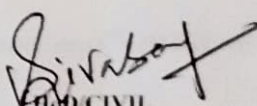
Date: 27.10.2020

S.NO	REGISTER NO	NAME OF THE STUDENT	YEAR/BRANCH	SIGNATURE
1	811217103001	AISHWARIYA P	IV/CIVIL	Online Mode
2	811217103002	AKASH S	IV/ CIVIL	Online Mode
3	811217103003	AROCKIA RENALDOrockia J	IV/ CIVIL	Online Mode
4	811217103004	AVINASH KUMAR R	IV/ CIVIL	Online Mode
5	811217103005	BALAJI S	IV/ CIVIL	Online Mode
6	811217103006	BALASUBRAMANI R	IV/ CIVIL	Online Mode
7	811217103007	DEEPAN S K	IV/ CIVIL	Online Mode
8	811217103008	GAYATHRI A	IV/ CIVIL	Online Mode
9	811217103009	KOKILA P	IV/ CIVIL	Online Mode
10	811217103010	NAVANEETHAN KRISHNAN K	IV/ CIVIL	Online Mode
11	811217103012	PALANIYAPPAN N	IV/ CIVIL	Online Mode
12	811217103013	SALEEM KHAN S	IV/ CIVIL	Online Mode
13	811217103014	SATHISH KUMAR S	IV/ CIVIL	Online Mode
14	811217103015	THAMARI SELVI K	IV/ CIVIL	Online Mode
15	811217103016	ARUN PRASATH R	IV/ CIVIL	Online Mode
16	811217103301	JOEL FERNANDEZ R	IV/ CIVIL	Online Mode
17	811217103302	SUMITHRA R	IV/ CIVIL	Online Mode
18	811217103303	THIRUPATHI RAJA G	IV/ CIVIL	Online Mode
19	811217103304	NAVANEETHAN KRISHNAN K	IV/ CIVIL	Online Mode
20	811218103002	M MAHENDRAN	III/ CIVIL	Online Mode
21	811218103003	S MUSARAF ALI	III/ CIVIL	Online Mode
22	811218103004	PRABHU J J	III/ CIVIL	Online Mode
23	811219103002	VIGNESH R	II/ CIVIL	Online Mode

  
PROGRAMME CO-ORDINATOR

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal

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S. Srinivas  
HOD CIVIL





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REPORT ON PROGRAM						
<b>TITLE</b>		Experiment on Bridge Design for a Changing Environment				
<b>Resource Person:</b>		Mr. Ramkumar, M.E, MISTE, CEO Sai Associates Coimbatore				
<b>Date of conduct from :</b>		01.03.2021	<b>To:</b>	-	<b>Duration</b>	ONE DAY
<b>Organized Department:</b>		Civil Engineering				
<b>Participant Year:</b>		2, 3, 4		<b>No. of Students Registered :</b>		25
<b>Venue:</b>		Google Meet, Meeting Link: <a href="https://meet.google.com/jqb-pcsn-psy">https://meet.google.com/jqb-pcsn-psy</a>				
<b>Outcome of seminar At the end of the Course, Students can able to</b>						
<ul style="list-style-type: none"><li>• Study on experiment in bridge design</li><li>• Learned how to deal with changing environment in bridge design.</li><li>• Studied about what nuances are followed in bridge design.</li><li>• Students understood the design methods of bridges.</li><li>• Students were able to understand the types of bridges.</li></ul>						
 <b>RM Coordinator</b>		 <b>HoD/CIVIL</b>		 <b>Principal</b>		

**Dr. G. Balakrishnan, M.E., Ph.D.,**

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One day Research Methodology Seminar

On

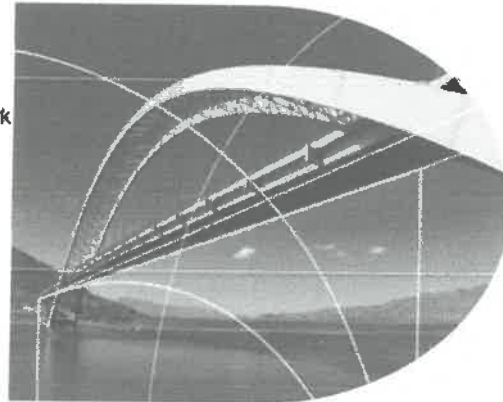
**“Experiment on Bridge Design for Changing Environment”**

GOOGLE MEET SAMPLE PPT PHOTO:



### Content

- What is Sustainable Bridge Design?
- Sustainable Bridge Design: SDG Framework
- Sustainable Bridge Design: The Difference
- Sustainable Bridge Design: Indicators
- Sustainable Bridge Design: Externalities
- Sustainability Bridge Design: Examples
- Conclusion



**Dr. G. Balakrishnan, M.E., Ph.D.,**

Principal

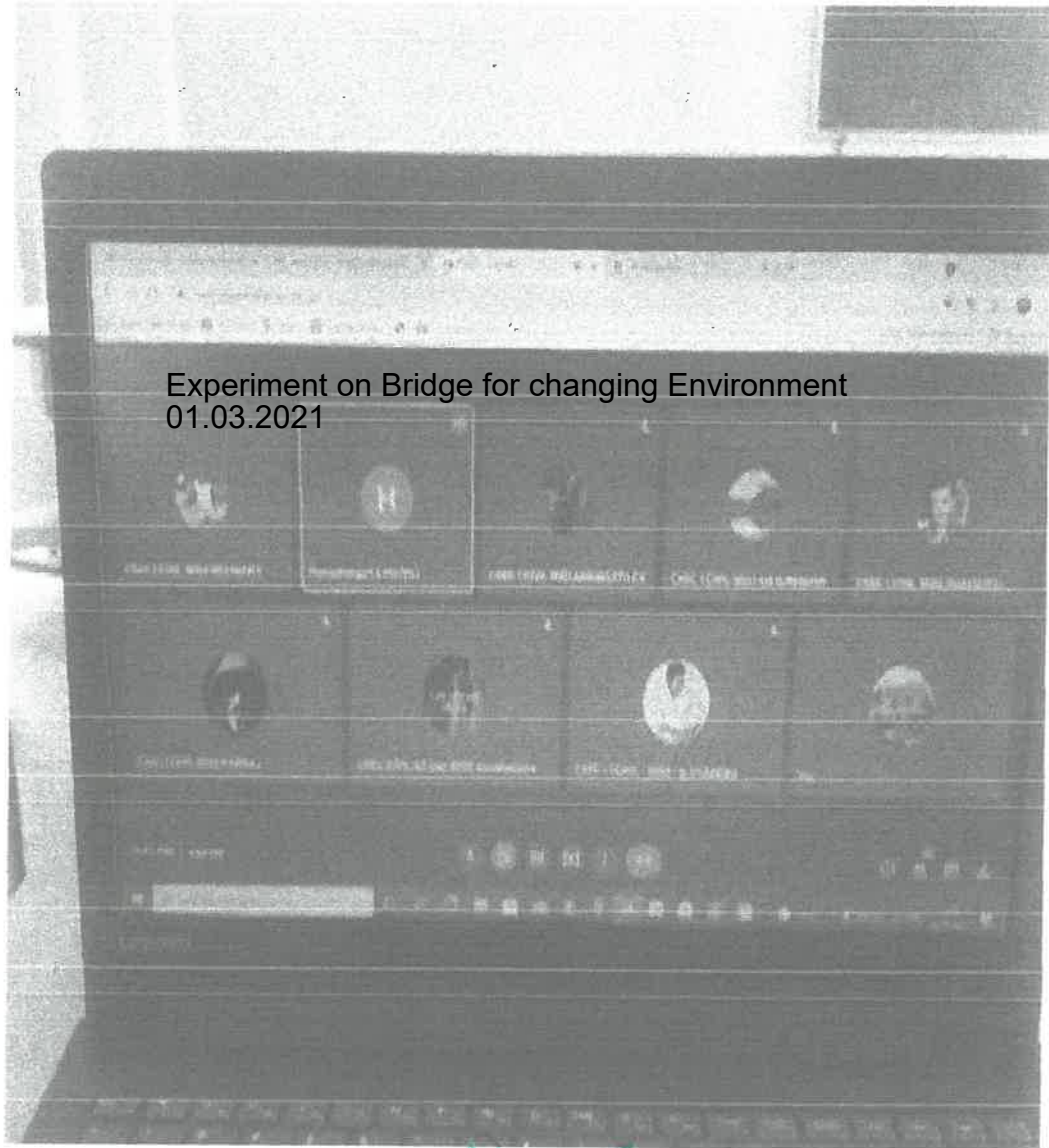
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Experiment on Bridge for changing Environment  
01.03.2021



  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr. AKASH.S IV Year B.E-CIVIL Indra Ganesan College of Engineering has participated in the one day RESEARCH METHODOLOGY seminar on "Experiment on Bridge Design for a Changing Environment" Organised By Department Of Civil Engineering in Association with IQAC OF IGCE on 01.03.2021 during Academic year 2020-2021

Managing Director  
Indra Ganesan Institutions

Dr. G. Balakrishnan, M.E., Ph.D.  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

Principal  
Indra Ganesan Institutions



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# CERTIFICATE OF PARTICIPATION

This is to certify that Mr.VIGNESH.R II Year B.E-CIVIL Indra Ganesan College of Engineering has participated in the one day RESEARCH METHODOLOGY seminar on "Experiment on Bridge Design for a Changing Environment" Organised By Department Of Civil Engineering in Association with IQAC OF IGCE on 01.03.2021 during Academic year 2020-2021

Managing Director  
Indra Ganesan institutions

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
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Principal  
Indra Ganesan institutions



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# CERTIFICATE OF PARTICIPATION

This is to certify that Mr. MAHENDRAN.M of III Year B.E-CIVIL Indra Ganesan College of Engineering has participated in the one day RESEARCH METHODOLOGY seminar on "Experiment on Bridge Design for a Changing Environment" Organised By Department Of Civil Engineering in Association with IQAC OF IGCE on 01.03.2021 during Academic year 2020-2021

Managing Director  
Indra Ganesan institutions

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

Principal  
Indra Ganesan institutions