



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

## INTERNATIONAL QUALITY ASSURANCE CELL(IQAC)

### DOCUMENTS SUBMISSION FORM

|                    |  |
|--------------------|--|
| Date of submission | 22/11/2019   |
| Type of Documents  | Seminar  |
| Description        | Seminar on "Matrix Method of Structural Analysis"  |
| Enclosures         | A) CIRCULAR<br>B) PERMISSION LETTER<br>C) BROCHURE, INVITATION, SCHEDULE<br>D) LIST OF PARTICIPANTS<br>E) FEED BACK FROM THE PARTICIPANTS<br>F) SNAP SHOTS<br>G) CERTIFICATE |
| No. of Pages       | 15   |
| Submitted by       | Name : Dr. P. Sumathi<br>Designation: Associate Professor<br>Department: Mathematics<br>Signature : <i>P. Sumathi</i>  |

### OFFICE USE ONLY

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| Verified by: | <i>K. Sakthivel</i>                 | Sign: <i>[Signature]</i> | Date: 22/11/2019 |
| Uploaded by: | <i>K. Senthil Kumar</i>             | Sign: <i>[Signature]</i> | Date: 22/11/2019 |
| File Name:   | <i>SEMS - BS - 2019 - 2020 - 05</i> |                          |                  |

*[Signature]*  
Director  
IQAC-BIHER





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Date: 11/11/2019

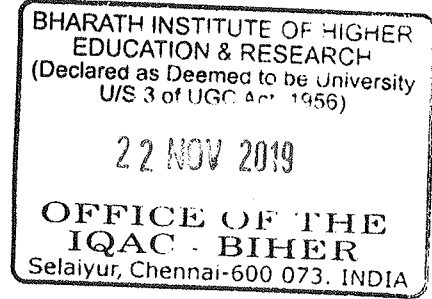
## PERMISSION LETTER

From

The Head of the Department  
Department of Mathematics  
School of Basic Sciences  
BIHER, Chennai-73

To

Dr. R. Ambrose Prabhu  
Department of Mathematics  
Sreevetha school of Engineering SIMATS  
Chennai



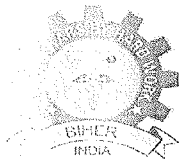
Respected Sir

Sub - Permission request to conduct Seminar on "Matrix Method of Structural Analysis" - Reg

In continuation of telephone conversation held on 22 /10/ 2019, it is requested to organize the Seminar on "Matrix Method of Structural Analysis" on **19/11/2019**.

Kindly accept our request and do the needful

*P. Senthil*  
HOD/Maths



**Bharath**  
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Date: 11/11/2019

**PERMISSION LETTER**

To

The Dean  
School of Basic Sciences  
BIHER, Chennai 73

Respected Sir

Sub - Permission request to conduct Seminar on "Matrix Method of Structural Analysis" - Reg

I wish to inform you that, it is proposed to conduct the seminar with the Resource person who is currently working as Teaching Fellow contacting in the topic "Matrix Method of Structural Analysis" on **19/11/2019**.

This seminar will improve the students knowledge in civil engineering. The students of UG from the Department of Mathematics and other Department student can participate in the seminar. Kindly Permit to conduct the above seminar on **19/11/2019**

Thanking You

*P. Sunde*  
HOD  
Department of Mathematics



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## SCHOOL OF BASIC SCIENCES

Date: 12/11/2019


### CIRCULAR

The technical Seminar on “Matrix Method of Structural Analysis” is planned by the Department of Mathematics, School of Basic Sciences on 19/11/2019.

This Seminar is offered by the department of Mathematics, faculty of arts and science, Bharath Institute of higher education and research, with the duration of 1 hour and commences on 19/11/2019. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge/ Seminar coordinator before 15/11/2019.

Conceded

Dr. V. Nanda Kumar  
Assistant Professor/ School of Basic Sciences  
Organizing Secretary  
BHIER  
Email id: [nandha2.maths@bharathuniv.ac.in](mailto:nandha2.maths@bharathuniv.ac.in)

  
HOD/Maths



**Bharath**  
 BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY  
 33/A, Agaram Main Road, Thiruvancherry,  
 Chennai - 600 026, Tamilnadu, India  
 FACULTY OF ARTS AND SCIENCE

**BHARATH INSTITUTE OF  
 SCIENCE AND TECHNOLOGY**  
 33/A, Agaram Main Road, Thiruvancherry,  
 Chennai - 600 026, Tamilnadu, India  
**FACULTY OF ARTS AND  
 SCIENCE**

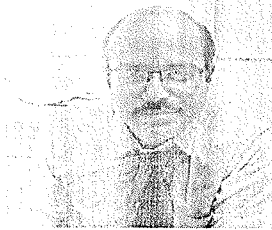


**NAAC**  
 NATIONAL ASSESSMENT AND  
 ACCREDITATION COUNCIL



## DEPARTMENT OF MATHEMATICS & STATISTICS

### ORGANIZING A SEMINAR ON "MATRIX METHOD OF STRUCTURAL ANALYSIS"



**RESOURCE PERSON**  
**Dr.R.Ambrose Prabhu**  
 Associate Professor  
 Department of Mathematics  
 Saveetha School of Engineering  
 Chennai.

DATE : 19.11.2019

TIME : 10.00 AM -11.00 AM

**Dr. Sumathi P**  
 Assistant Professor & Head  
 Department of Mathematics  
 BIHER

Convener  
**Dr.P.Chandrasekaran**  
 Associate Professor  
 BIHER  
**Dr.V.Krishnakumar**  
 Dean - Arts and Science  
 BIHER

Organizing Secretary  
**Dr.V.NandaKumar**, Assistant Professor  
**Dr.R.Radhika**, Assistant Professor

**Dr.A.Muthukumaravel**  
 Dean - Arts and Science  
 BIHER

## PROGRAM SCHEDULE

(12/11/2012)

- Inauguration : 09.30 -10.00 A.M.  
09:30 am : Welcome Address  
Mr. V. Nanda Kumar
- 09:35 am : About the Seminar  
Dr. P. Sumathi
- 09:45 am : Introduction of the Chief Guest  
Mrs. R. Radhika
- 09:55 am : Inaugural address by Chief Guest  
Dr. R. Ambrose Prabhu  
Associate Professor  
Sri Veetha school of Engineering SIMATS  
Chennai
- Dinner : 11-12.30 p.m
- Lunch : 12.30-1.30 pm
- Discussion : 1.30-3.30 p.m

## VALEDICTORY PROGRAM

Valedictory function : 3.30- 4.00 p.m

Participants' feedback

Vote of Thanks :Coordinator



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One day Seminar on “Matrix Method of Structural Analysis” on .19.11.19

## LIST OF PARTICIPANTS

| Sl. No. | Participant's Name                    | College Name  |
|---------|---------------------------------------|---|
| 1       | GORLE AVINASH                         | Mohammad Sathak College of Engineering, Chennai             |
| 2       | MENAKURU NITHEESH KUMAR               | Saveetha Engineering College, Chennai                       |
| 3       | SAKTHI ELANGO M                       | MNM Jain Engineering College                                |
| 4       | SARATHY SURIYA K                      | MNM Jain Engineering College                                |
| 5       | MD ABU TAHA                           | St. Joseph College of Engineering, Chennai                  |
| 6       | SARTAZ ALAM                           | Saveetha Engineering College, Chennai                       |
| 7       | BHARANIDHARAN                         | St. Joseph College of Engineering, Chennai                  |
| 8       | UI7CS725-GONTHINA RAMA CHANDRA GANESH | Bharath Institute of Higher Education and Research, Chennai |
| 9       | ASHWATH LAL A S                       | MNM Jain Engineering College, Chennai                       |
| 10      | GUNDEBOINA PAVAN KUMAR                | MNM Jain Engineering College, Chennai                       |
| 11      | UI7MTI36-BOLLE NAGA                   | Bharath Institute of Higher Education and Research,         |

|    |                               |   |
|----|-------------------------------|---|
|    | VENKATA VINAY AK              | Chennai   |
| 12 | SAROJ KUMAR                   | Saveetha Engineering College, Chennai                       |
| 13 | NARRA DATTA VENKATA DINESH    | Saveetha Engineering College, Chennai                       |
| 14 | UI7MT008-MALLELA DEENA BANDHU | Bharath Institute of Higher Education and Research, Chennai |
| 15 | M VENKATA ANIL                | MNM Jain Engineering College, Chennai                       |
| 16 | DASARI MANI RAM ANJAN         | Lakshmi Ammal Engineering College, Chennai                  |
| 17 | MOHAMMAD AZEEM                | MNM Jain Engineering College, Chennai                       |
| 18 | BATHINI NARAYANA              | St. Joseph College of Engineering, Chennai                  |
| 19 | KAKIMANU SEVANTH              | St. Joseph College of Engineering, Chennai                  |
| 20 | PYDIMUKKALA SATWICA           | Saveetha Engineering College, Chennai                       |
| 21 | NIHARIKA O A                  | Saveetha Engineering College, Chennai                       |
| 22 | VADLURI SAI KRISHNA           | Saveetha Engineering College, Chennai                       |
| 23 | SAYYAD VASIF HUSSAIN          | Lakshmi Ammal Engineering College, Chennai                  |
| 24 | VIJAYAKUMAR DHANUSH           | St. Joseph College of Engineering, Chennai                  |
| 25 | GORLE AVINASH                 | Lakshmi Ammal Engineering College, Chennai                  |

|    |  |   |
|----|--|---|
| 26 | MENAKURU NITHEESH KUMAR                | St. Joseph College of Engineering, Chennai                  |
| 27 | UI7AC-138 SAKTHI ELANGO M              | Bharath Institute of Higher Education and Research, Chennai |
| 28 | UI7AC124-DARSHIKA T                    | Bharath Institute of Higher Education and Research, Chennai |
| 29 | ANUPRIYA V                             | St. Joseph College of Engineering, Chennai                  |
| 30 | MALLINENI SUCHITRA CHOWDARY            | Guru nanak College, Chennai                                 |
| 31 | SANJAY SRINIVAS V                      | Guru nanak College, Chennai                                 |
| 32 | S SRIRAM                               | Guru nanak College, Chennai                                 |
| 33 | UI7EC144-R VENKADESWARAN               | Bharath Institute of Higher Education and Research, Chennai |
| 34 | UI7EC208-KAMARUL MUHAMMED BIN SYED ALI | Bharath Institute of Higher Education and Research, Chennai |
| 35 | IRRUMPORAI R                           | Saveetha Engineering College, Chennai                       |
| 36 | ASHFAQ AHMED I                         | Lakshmi Ammal Engineering College, Chennai                  |
| 37 | ETTIYAMMAL R                           | St. Joseph College of Engineering, Chennai                  |
| 38 | Y SAI CHARITHA REDDY                   | Lakshmi Ammal Engineering College, Chennai                  |
| 39 | DEVIKA P                               | Lakshmi Ammal Engineering College,                          |

|    |                            |   |
|----|----------------------------|---|
|    |                            | Chennai   |
| 40 | KIRAN KUMAR R              | Sri Prince Venkateshwara Engineering College, Chennai       |
| 41 | SRIRAM G                   | Madras Christian College, Chennai                           |
| 42 | BENJAMIN FRANKLIN          | Sri Prince Venkateshwara Engineering College, Chennai       |
| 43 | SANJAI S                   | Saveetha Engineering College, Chennai                       |
| 44 | BRINDHA R                  | Lakshmi Ammal Engineering College, Chennai                  |
| 45 | DAMMATI SAI JAHNAVI        | St. Joseph College of Engineering, Chennai                  |
| 45 | ASHWIN KUMAR J             | Lakshmi Ammal Engineering College, Chennai                  |
| 47 | YUVASREE D                 | Sri Prince Venkateshwara Engineering College, Chennai       |
| 48 | VIJAYAVIGNESH U            | Madras Christian College, Chennai                           |
| 49 | UI7EC402-SANGEETHA PRIYA D | Bharath Institute of Higher Education and Research, Chennai |
| 50 | SATHIYANARAYANAN P         | Madras Christian College, Chennai                           |
| 51 | KEERTHANA R                | Sri Prince Venkateshwara Engineering College, Chennai       |
| 52 | BHAVANASRI S               | Sri Prince Venkateshwara Engineering College,               |

|    |                          |   |
|----|--------------------------|---|
|    |                          | Chennai   |
| 33 | KANITI KALYANI           | Saveetha Engineering College                                |
| 34 | M VARUN KUMARAN          | St. Joseph College of Engineering, Chennai                  |
| 35 | UI7BM141- PAVITHRA S     | Bharath Institute of Higher Education and Research, Chennai |
| 36 | KANIMOZHI S              | Sri Prince Venkateshwara Engineering College, Chennai       |
| 37 | JAVVAJI BHARATH          | Sri Prince Venkateshwara Engineering College, Chennai       |
| 38 | BHARATHIDASAN G          | Saveetha Engineering College, Chennai                       |
| 39 | NIHIL M                  | Saveetha Engineering College, Chennai                       |
| 40 | SUDHA PATNAIK            | Madras Christian College, Chennai                           |
| 41 | PAVITHRA E               | Saveetha Engineering College, Chennai                       |
| 42 | UI7BM010-R K BANU PRABHA | Bharath Institute of Higher Education and Research, Chennai |



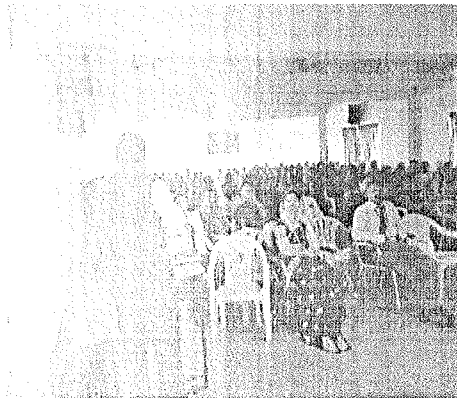
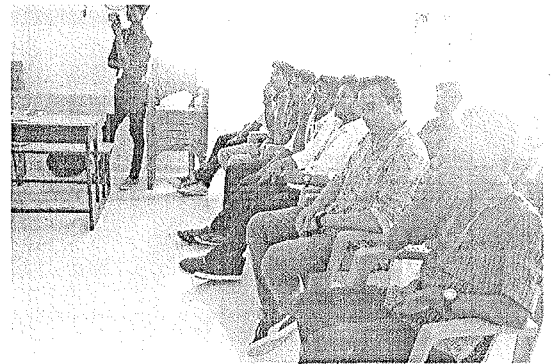
# Sharada

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One day Seminar on "Matrix Method of Structural Analysis" on .19.11.19

## PHOTOS





# Shaheed

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### FEEDBACK FORM

Name: Brindha . R  
Department: Mathematics  
College Name: BIHER

| <u>Criteria</u>                            | <u>Strongly Agree</u><br><u>(3)</u> | <u>Agree</u><br><u>(2)</u> | <u>Disagree</u><br><u>(1)</u> |
|--|-------------------------------------|----------------------------|-------------------------------|
| Seminar was relevant to my needs           |                                     | ✓                          |                               |
| Length of Seminar was sufficient           |                                     | ✓                          |                               |
| Content was well organized                 | ✓                                   |                            |                               |
| Questions were engaged                     | ✓                                   |                            |                               |
| Instructions were clear and understandable |                                     | ✓                          |                               |
| Seminar met my expectations                |                                     | ✓                          |                               |
| The presentations were effective           | ✓                                   |                            |                               |

*Brindha*  
Signature



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## FEEDBACK FORM

Name: Anupriya  
Department: Mathematics  
College Name: St. Joseph college of Engineering,

| <u>Criteria</u>                            | <u>Strongly Agree</u><br>(3) | <u>Agree</u><br>(2) | <u>Disagree</u><br>(1) |
|--|------------------------------|---------------------|------------------------|
| Seminar was relevant to my needs           |                              |                     |                        |
| Length of Seminar was sufficient           | ✓                            |                     |                        |
| Content was well organized                 | ✓                            |                     |                        |
| Questions were engaged                     |                              | ✓                   |                        |
| Instructions were clear and understandable |                              | ✓                   |                        |
| Seminar met my expectations                | ✓                            |                     |                        |
| The presentations were effective           |                              | ✓                   |                        |
|  | ✓                            |                     |                        |

  
Signature

One day Seminar on "Matrix Method of Structural Analysis" on .19.11.19

**BIHER INSTITUTE OF SCIENCE AND TECHNOLOGY**

Ward 2, Agaram Main Road, Thiruvanchery,  
Chennai-600130, Tamil Nadu, India.

**SCHOOL OF BASIC SCIENCES**

Department of Mathematics & Statistics



**CERTIFICATE OF PARTICIPATION**

This is to certify that Dr Ms Mr. SRIRAMG

participated in the Seminar on "MATRIX METHOD OF STRUCTURAL ANALYSIS" held  
at School of Basic Sciences, BIHER on 19th November 2019.

  
Dr. P. Srinath  
Head  
Department of Mathematics  
BIHER

  
Dr. P. Srinath  
Head  
Department of Mathematics  
BIHER

  
Dr. A. MUTHUKUMARAVEL  
Head - Applied Science  
BIHER