



# Bharath Institute of Higher Education and Research

[Declared Under Section 3 of UGC Act, 1956] Chennai – 600 073.

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

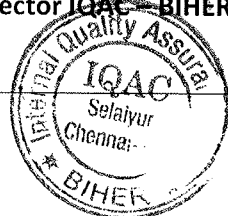
|                    |                                    |
|--------------------|------------------------------------|
| Date of Submission | 19.06.2017                         |
| Type of Documents  | Workshop                           |
| Description        | Workshop on Tower Testing          |
| Enclosures         | a) REQUISITION LETTER              |
|                    | b) PERMISSION LETTER               |
|                    | c) CIRCULAR                        |
|                    | d) PROGRAM SCHEDULE                |
|                    | e) INVITATION                      |
|                    | f) BROCHURE                        |
|                    | g) PARTICIPANTS LIST               |
|                    | h) FEEDBACK FORM FROM PARTICIPANTS |
|                    | i) PHOTO                           |
|                    | j) CERTIFICATE                     |
| No. of Pages       | 16                                 |
| Submitted By       | Name : Dr. M.Sangeetha             |
|                    | Designation : Professor &HOD/ECE   |
|                    | Department : ECE                   |
|                    | Signature :                        |

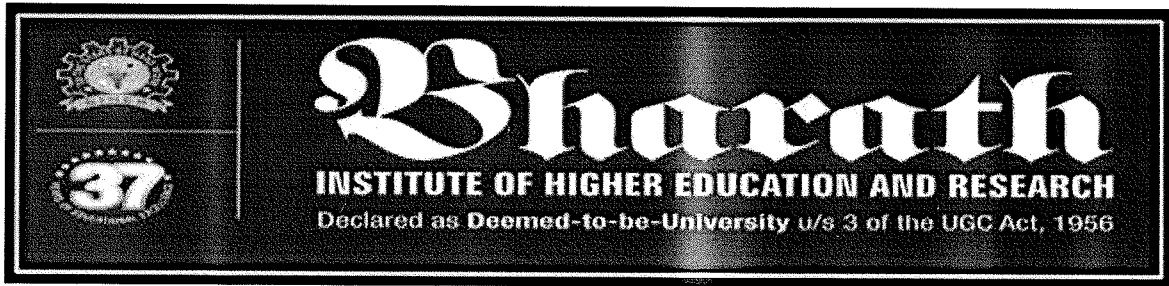
### DOCUMENTS SUBMISSION FORM

#### For Office Use Only

|              |                                     |       |                 |
|--------------|-------------------------------------|-------|-----------------|
| Verified By: | K. Sakthivel                        | Sign: | Date: 19/6/2017 |
| Uploaded By: | K. Senthil Kumar                    | Sign: | Date: 19/6/2017 |
| File Name:   | WORK - SEE - ECE - 2017 - 2018 - 10 |       |                 |

Director IQAC - BIHER





**SCHOOL OF ELECTRICAL ENGINEERING**

**REQUISITION LETTER**

**01.06.2017**

FROM

The HOD

Department of ECE

Bharath Institute of Higher Education and Research

Selaiyur, Chennai-73

TO

The Dean Engineering

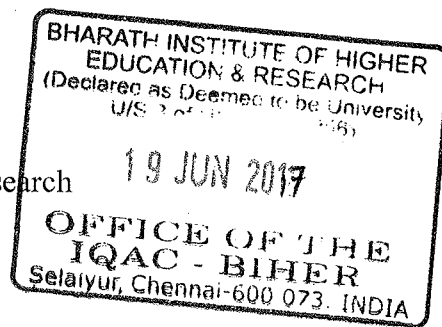
Bharath Institute of Higher Education and Research

Selaiyur, Chennai-73

Respected Sir,

Subject : Requisition for Conducting Workshop -reg

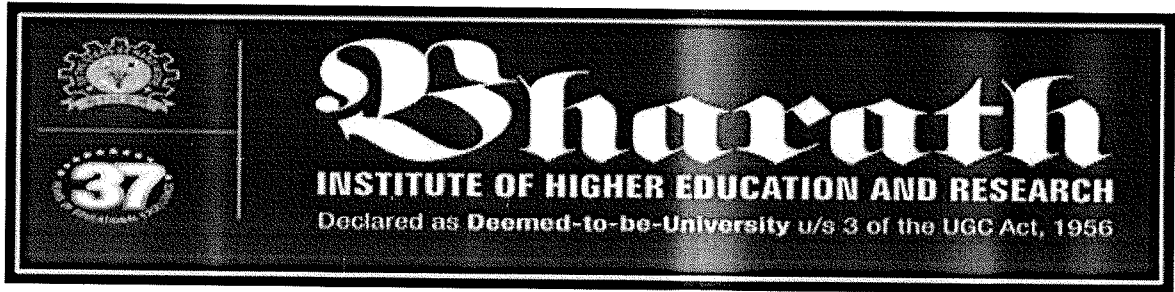
The School of Electrical Engineering has planned to conduct a two days workshop on the topic "Tower Testing" dated on 13.06.2017 & 14.06.2017 between 9.30 AM to 4.30 PM. In this regard ,I request you to kindly grant permission for conducting the same.



**HOD/ECE**

Thanking You

**Dean Engineering**



**SCHOOL OF ELECTRICAL ENGINEERING**

**PERMISSION LETTER**

**05.06.2017**

From

The HOD,  
Department of ECE,  
School of Electrical Engineering,  
BIHER.

To

Mr.Arun Kumar,  
Application Engineer,  
Technocrat Solutions Pvt Ltd  
Chennai – 601 104.

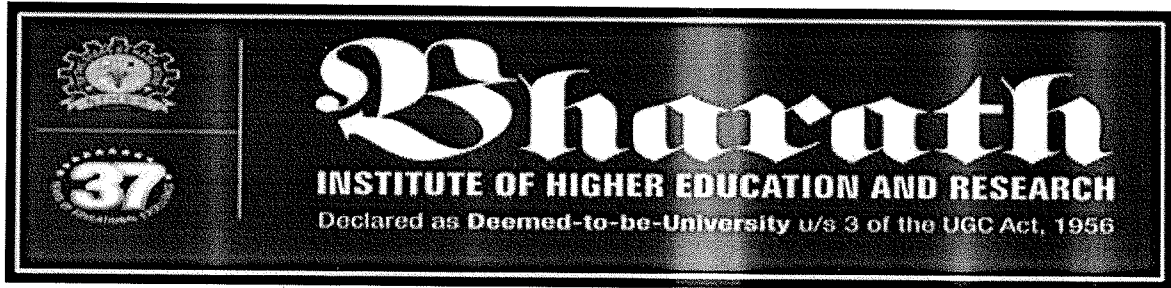
Respected sir,

Sub:- The Department of Electronics and Communication Engineering, School of Electrical Science, BIHER, proposed to conduct a workshop in “Tower Testing”- Permission requested to deliver an Invited talk – Reg.

In the continuation of telephonic conversation, it is requested to deliver an invited workshop on “Tower Testing “in association with Technocrat Solutions Pvt. Ltd, Chennai, on 13.06.2017 & 14.06.2017.Kindly accept our request and do the needful.

Convener:

**Dr.M.Sangeetha, HOD/ECE**



## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

**Date: 08.06.2017**

The Workshop on "Tower Testing is planned by the School of Electrical Engineering on 13.06.2017 & 14.06.2017. This Workshop Programme is offered by the Department Of ECE, Bharath Institute of Higher Education and Research, with a duration of two days. In this regard, Students are instructed to give their willingness and confirm their participation to their respective class in charge/workshop Coordinator before 10.06.2017

#### **Workshop Coordinator**

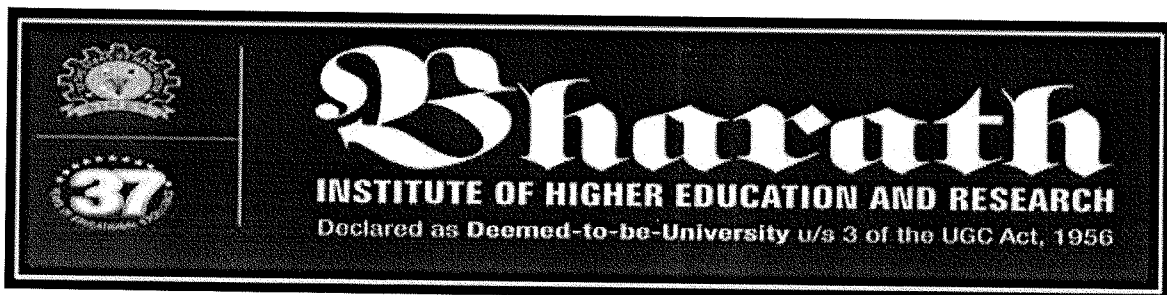
Dr.S.Arulsevi  
Associate Professor/School of Electrical Engineering

Mrs.S.Saravana  
Assistant Professor/School of Electrical Engineering

Bharath Institute of Higher Education and Research  
Email id : [arulsevi2003@gmail.com](mailto:arulsevi2003@gmail.com)  
Email id : [saravanadurai1975@gmail.com](mailto:saravanadurai1975@gmail.com)

**Dr.M.Sangeetha**

**HOD/ECE**



## SCHOOL OF ELECTRICAL ENGINEERING

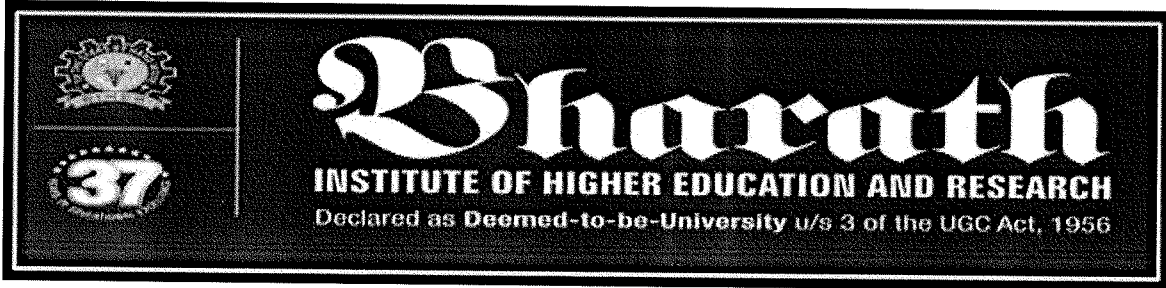
**PROGRAM SCHEDULE Day 1(13.06.2017)**

**PROGRAM SCHEDULE Day 1(13.06.2017)**

|                         |  |
|-------------------------|--|
| <b>09.30 - 10.00 AM</b> | Inaugural Address  |
| <b>09.30 AM</b>         | Welcome Address<br>Dr.M.Sangeetha  |
| <b>09.35 AM</b>         | About the Workshop<br>Ms.M.Sowmiya Manoj   |
| <b>09.40AM</b>          | Introduction of the Chief Guest<br>Dr.S.Arulselvi  |
| <b>09.45 AM</b>         | Inaugural address by Chief Guest<br>Mr.ArunKumar,<br>Application Engineer,<br>Technocrat Solutions Pvt Ltd<br>Chennai – 601 104. |
| <b>10.00 AM Onwards</b> | Invited Talk<br>Mr.ArunKumar,<br>Application Engineer,<br>Technocrat Solutions Pvt Ltd<br>Chennai – 601 104.                     |
| <b>1.30 -2.30 PM</b>    | Lunch break  |
| <b>2.30-04.30pm</b>     | Workshop <b>session</b> on Cell Tower testing  |

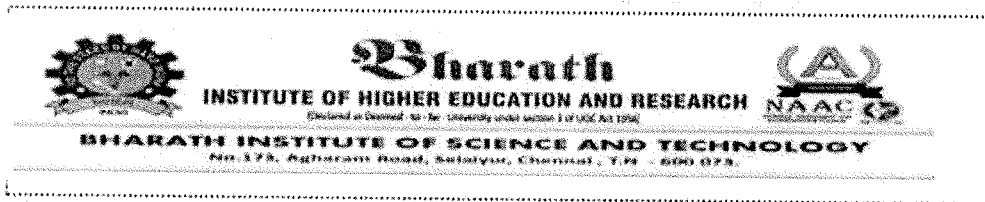
**PROGRAM SCHEDULE Day 2(14.06.2017)**

| <b>PROGRAM SCHEDULE Day 2(14.06.2017)</b> |   |
|---|---|
| <b>9.30-12.30 PM</b>                      | Session on Failure of transmission line towers in testing |
| <b>12.30-1.30PM</b>                       | Lunch break   |
| <b>1.30-3.30PM</b>                        | Workshop session on Tower design and analysis             |
| <b><u>Valedictory program</u></b>         |   |
| <b>03.30-04.00PM</b>                      | <b>Valedictory Function</b>                               |
| <b>04.00-04.20PM</b>                      | <b>Vote of Thanks (Coordinator)</b>                       |



## SCHOOL OF ELECTRICAL ENGINEERING

### INVITATION



#### School of Electrical Engineering

In association with

M/s Technocrat Solutions Pvt Ltd

The Management, Chancellor, Vice Chancellor, Deans, HODs, Faculty and Students of School of Electrical Engineering

Cordially Invite you for the One day Seminar on  
"TOWER TESTING"

Resource Person : Mr. Arun Kumar, Application Engineer, Technocrat Solutions Pvt Ltd  
Keynote Address : Dr. J. Hameed Hussain, Dean Engineering, BIHER  
SPECIAL ADDRESS : Dr. M. Sangeetha, Professor/HOD, ECE, BIHER  
PROGRAM COORDINATOR : Dr. S. Arulselvi, Associate Professor, ECE, BIHER  
Mrs. S. Saravana, Assistant Professor, ECE, BIHER  
VENUE : ECE SMART ROOM, SA BLOCK, BIHER  
DATE : 13.06.2017 & 14.06.2017  
TIME : 9.30 AM - 4.30 PM

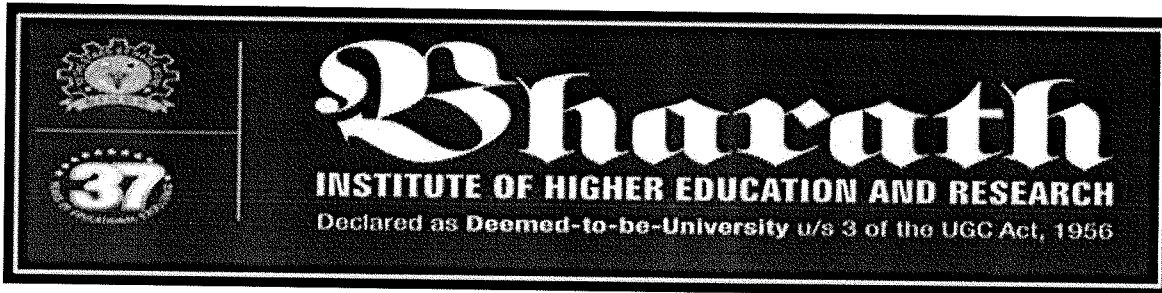
Organized by

The Department of ECE,

School of Electrical Engineering,

Bharath Institute of Higher Education and Research

Chennai-6000073



**SCHOOL OF ELECTRICAL ENGINEERING**

**Brochure**

**REGISTRATION FORM**

- 1. Name :
- 2. Department :
- 4. Designation :
- 5. Qualification :
- 6. Mobile Number :
- 7. Contact Address :
- 8. E-Mail ID :

**REGISTRATION FEE: RS 750**

**PAYMENT DETAILS:**

D.D.No:                      Date:

Drawn on Bank:

Amount:

Signature                      Head of Institution

Date:  
 (Photocopies of the form accepted)

**CO-ORDINATORS:**

- 1. Dr. B. Arul Selvi  
 Associate Professor, ECE
- 2. Mrs. S. Saranya  
 Assistant Professor, ECE

**VENUE:**

Smart Room  
 Department of Electronics and  
 Communication Engineering, BHHER,  
 Chennai.

**COURSE CONTENT**

- Develop understanding about the Telecom Infrastructura industry
- Learn about the telecom industry
- Understand role of a Tower Technician
- Differentiate between various technologies used in Telecom Networks
- Understand about the various equipment deployed at a tower site
- Know about the tools used in maintaining a tower site resource person

**RESOURCE PERSONS**

Mr. Arun Kumar,  
 Application Engineer,  
 Technocrat Solutions Pvt Ltd  
 Chennai - 601 104

**CONVENER**

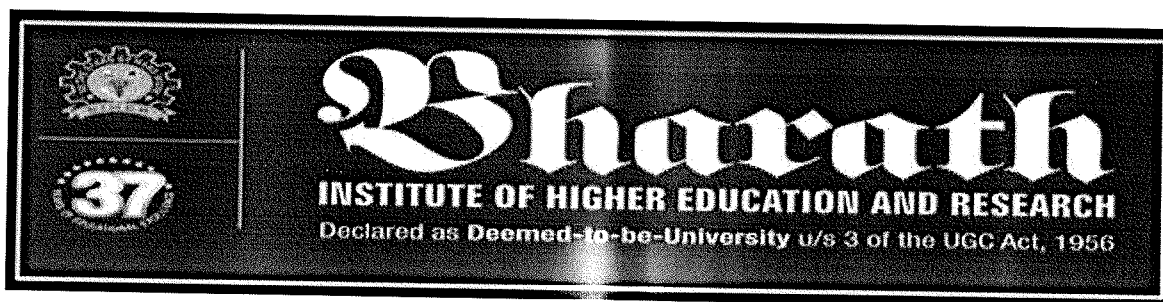
~~~~~  
 ~~~~~

**Bharath**  
 INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
 171, Alwar Road, Chennai-600 021

**WORKSHOP**  
 On  
**TOWER TESTING**  
 13<sup>th</sup> and 14<sup>th</sup> JUNE 2017

ORGANIZED  
 BY  
 DEPARTMENT OF ELECTRONICS AND  
 COMMUNICATION ENGINEERING  
 SCHOOL OF ELECTRICAL SCIENCES

[www.bharathuniv.ac.in](http://www.bharathuniv.ac.in)



## SCHOOL OF ELECTRICAL ENGINEERING

**Department of ECE**

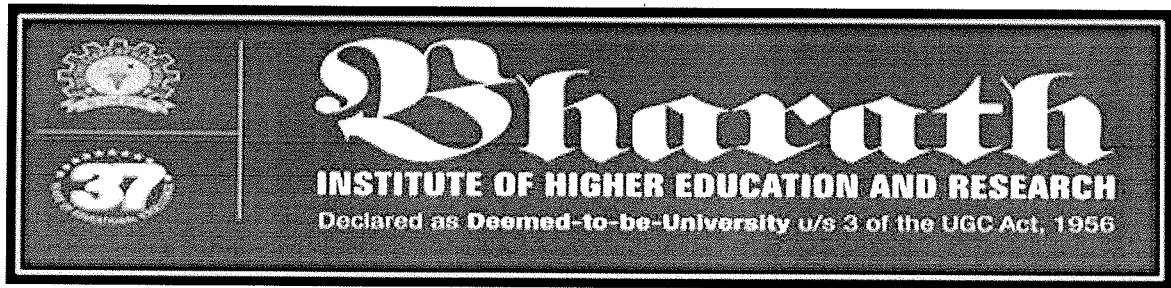
### **PARTICIPANTS LIST**

**Total No. Of Students=40**

| S.NO | STUDENTS NAME                    | CATEGORY | NAME OF THE COLLEGE                       | STATE                  |
|------|----------------------------------|----------|---|------------------------|
| 1    | JAGALURU THIMMA REDDY            | Student  | SRM College of Engineering and Technology | Tamilnadu-Chengalpattu |
| 2    | JAGARLAMUDI CHAITANYA            | Student  | Agni College of Technology                | Tamilnadu-Chennai      |
| 3    | JAKKU MANIDEEP                   | Student  | Agni College of Technology                | Tamilnadu-Chennai      |
| 4    | JAYASURYA K R                    | Student  | SRM College of Engineering and Technology | Tamilnadu-Chengalpattu |
| 5    | JETTY SAI SUDHEER                | Student  | SRM College of Engineering and Technology | Tamilnadu-Chengalpattu |
| 6    | JOELTHAMBURAJ D                  | Student  | Dhanalakshmi College of Engineering       | Tamilnadu-Kancheepuram |
| 7    | JONNALAGADDA VENKATA MANOJ KUMAR | Student  | Agni College of Technology                | Tamilnadu-Chennai      |

|    |                             |         |   |                            |
|----|-----------------------------|---------|---|----------------------------|
| 8  | K O HARICHANDANA            | Student | Dhanalakshmi<br>College of<br>Engineering               | Tamilnadu-<br>Kancheepuram |
| 9  | KADAPA<br>SREENIVASULAREDDY | Student | KPR Institute<br>of<br>Engineering<br>and<br>Technology | Tamilnadu-<br>Coimbatore   |
| 10 | KARAKAVALASA UDAY<br>KUMAR  | Student | KPR Institute<br>of<br>Engineering<br>and<br>Technology | Tamilnadu-<br>Coimbatore   |
| 11 | KARICHETI BALAKRISHNA       | Student | KPR Institute<br>of<br>Engineering<br>and<br>Technology | Tamilnadu-<br>Coimbatore   |
| 12 | KARNAM MOHITH               | Student | BIHER<br>(U15EC051)                                     | Tamilnadu-<br>Chennai      |
| 13 | KARTHICK T                  | Student | BIHER<br>(U15EC052)                                     | Tamilnadu-<br>Chennai      |
| 14 | KELAM PHANI SHANKAR         | Student | BIHER<br>(U15EC053)                                     | Tamilnadu-<br>Chennai      |
| 15 | KISHOR KARTHIK G T          | Student | BIHER<br>(U15EC054)                                     | Tamilnadu-<br>Chennai      |
| 16 | KODARAPU MANEESH<br>KUMAR   | Student | BIHER<br>(U15EC055)                                     | Tamilnadu-<br>Chennai      |
| 17 | KOMURAVELLI ABHILASH        | Student | BIHER<br>(U15EC056)                                     | Tamilnadu-<br>Chennai      |
| 18 | KONDA ANANTH REDDY          | Student | Agni College<br>of<br>Technology                        | Tamilnadu-<br>Chennai      |
| 19 | KONDA SANDEEP               | Student | SRM College<br>of<br>Engineering<br>and<br>Technology   | Tamilnadu-<br>Chengalpattu |
| 20 | KONDAMURI VENKATESH         | Student | Dhanalakshmi<br>College of<br>Engineering               | Tamilnadu-<br>Kancheepuram |
| 21 | KONDURU CHAITANYA           | Student | Dhanalakshmi<br>College of<br>Engineering               | Tamilnadu-<br>Kancheepuram |
| 22 | KONDREDDY HARITHA           | Student | Dhanalakshmi<br>College of<br>Engineering               | Tamilnadu-<br>Kancheepuram |
| 23 | KOTHA SIVA SANKAR           | Student | Dhanalakshmi<br>College of                              | Tamilnadu-<br>Kancheepuram |

|    |                                   |         |   |                      |
|----|-----------------------------------|---------|---|----------------------|
|    |                                   |         | Engineering                                 |                      |
| 24 | KOTTE VENKATA BHARATH SRINATH     | Student | KPR Institute of Engineering and Technology | Tamilnadu-Coimbatore |
| 25 | KUCHI VENKATA RATHNA LIKITH KUMAR | Student | Bharath University                          | Tamilnadu-Chennai    |
| 26 | KUKKALA LOKESH SAI                | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |
| 27 | KUMMARI SAI CHARAN                | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |
| 28 | KUMMARI VENKATA SURENDRANATH      | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |
| 29 | KOMMERA PRASHANTH REDDY           | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |
| 30 | KUNASANI HEMANTH                  | Student | BIHER (U15EC069)                            | Tamilnadu-Chennai    |
| 31 | KUNCHA SAILATHA                   | Student | BIHER (U15EC070)                            | Tamilnadu-Chennai    |
| 32 | LAKSHYA KRISHNA                   | Student | BIHER (U15EC071)                            | Tamilnadu-Chennai    |
| 33 | M. KISHORE                        | Student | BIHER (U15EC072)                            | Tamilnadu-Chennai    |
| 34 | MADDINENI SRIKANTH                | Student | BIHER (U15EC073)                            | Tamilnadu-Chennai    |
| 35 | MADELA YUVARAJU                   | Student | BIHER (U15EC074)                            | Tamilnadu-Chennai    |
| 36 | MALLA ESWARA PRASAD               | Student | BIHER (U15EC075)                            | Tamilnadu-Chennai    |
| 37 | MANCHALA NIRANJAN REDDY           | Student | BIHER (U15EC076)                            | Tamilnadu-Chennai    |
| 38 | MANIS KUMAR YADAV                 | Student | BIHER (U15EC051)                            | Tamilnadu-Chennai    |
| 39 | MANNE MANOJ KUMAR REDDY           | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |
| 40 | MARUBOYINA SANDEEP                | Student | SNS College of Technology                   | Tamilnadu-Coimbatore |



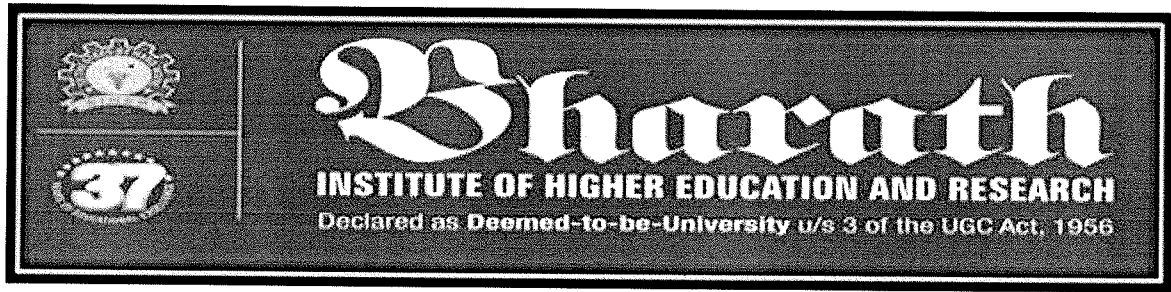
**SCHOOL OF ELECTRICAL ENGINEERING**

**FEEDBACK FORM**

**WORKSHOP ON TOWER TESTING**

| FEED BACK FORM                     |            | Date: 13/6/2017 |      |           |           |
|------------------------------------|------------|-----------------|------|-----------|-----------|
| Name                               | M. kishore |                 |      |           |           |
| Phone number                       | 9665522442 |                 |      |           |           |
|                                    | Poor       | Fair            | Good | Very Good | Excellent |
| Overall Program                    |            |                 |      | ✓         |           |
| The Speaker                        |            |                 |      | ✓         |           |
| Audio, Visual Aids Technology used |            |                 |      |           | ✓         |
| Presentation hand outs             |            |                 |      | ✓         |           |

  
 Student Signature



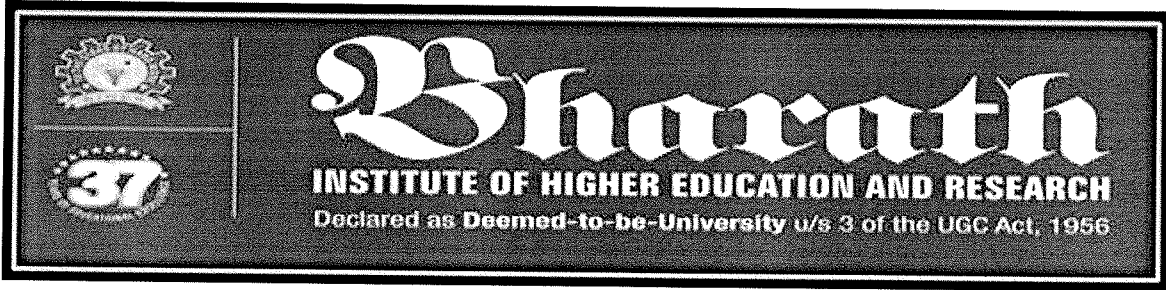
**SCHOOL OF ELECTRICAL ENGINEERING**

**FEEDBACK FORM**

**WORKSHOP ON TOWER TESTING**

| FEED BACK FORM                     |                  | Date: 14/6/2017 |      |           |           |
|------------------------------------|------------------|-----------------|------|-----------|-----------|
| Name                               | KUNASANI HEMANTH |                 |      |           |           |
| Phone number                       | 9224458662       |                 |      |           |           |
|                                    | Poor             | Fair            | Good | Very Good | Excellent |
| Overall Program                    |                  |                 |      | ✓         |           |
| The Speaker                        |                  |                 |      | ✓         |           |
| Audio, Visual Aids Technology used |                  |                 |      |           | ✓         |
| Presentation hand outs             |                  |                 |      | ✓         |           |

  
**Student Signature**



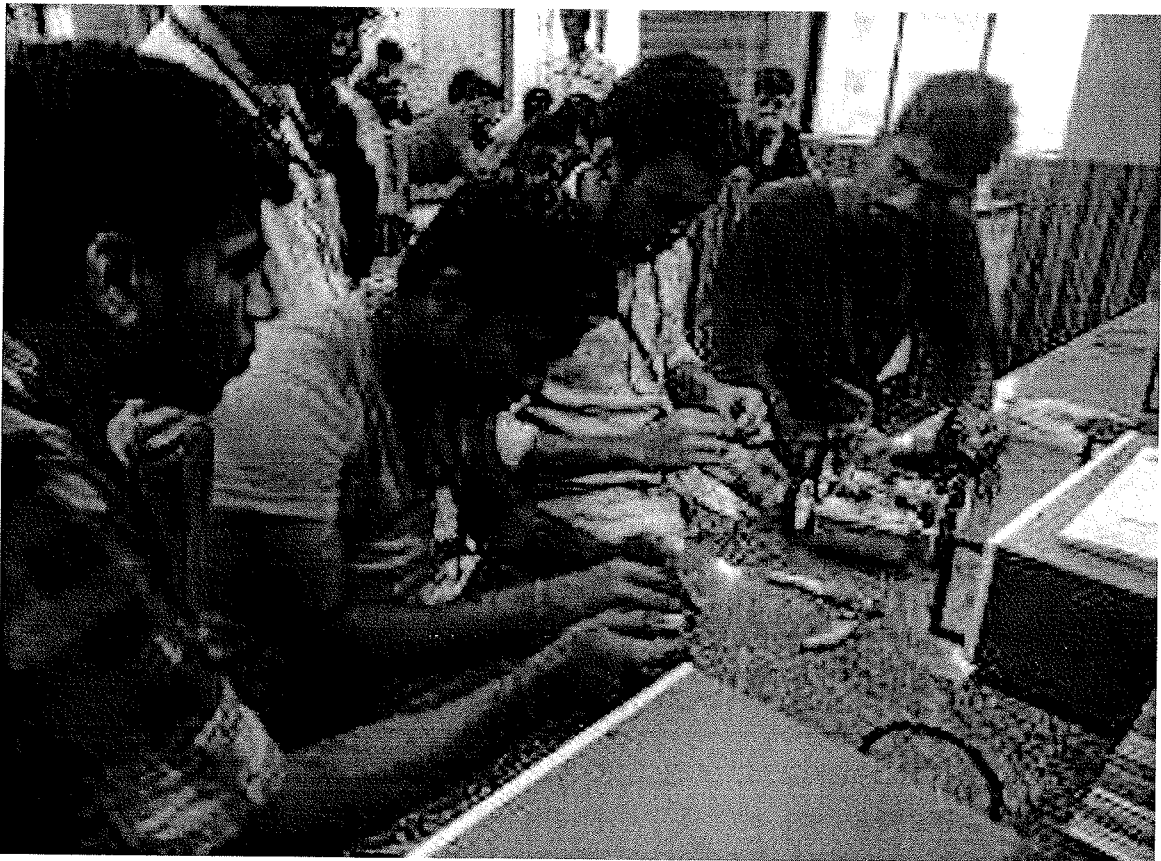
**Bharath Institute of Higher Education and Research**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Department of ECE**

**Two day Workshop on “TOWER TESTING”**

**(13.06.2017 & 14.06.2017)**

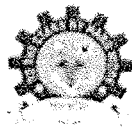


**Bharath Institute of Higher Education and Research**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Department of ECE**

**CERTIFICATE**



**Bharath**

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

Distance Centre for the Institute of Higher Education and Research



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

No. 173, Agbaram Road, Velayudh, Chennai - 600 073

**SCHOOL OF ELECTRICAL ENGINEERING**

**CERTIFICATE OF PARTICIPATION**

*This is to certify that Mr/Mrs. KISHORE of SNS College of Engineering has attended two day workshop on "TOWER TESTING" Organized by the School of Electrical Engineering, BIHER in association with M/s, TECHNOCRAFT SOLUTIONS PVT LTD, Chennai conducted on 13.06.2017*

*& 14.06.2017*

Dr. S. Arulselvi

Coordinator

Dr. M. Sangeetha

HOD/ECE