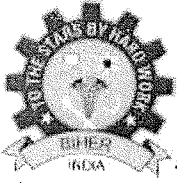


W-8  
**Bharath Institute of Higher Education and Research**

[Declared Under Section 3 of UGC Act, 1956]

Chennai - 600 073



**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**DOCUMENTS SUBMISSION FORM**

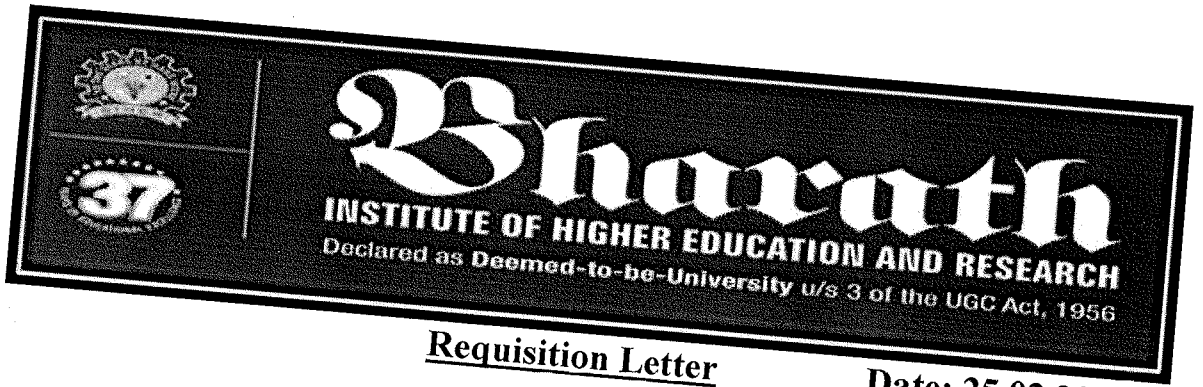
<b>Date of Submission</b>	15/03/2018
<b>Type of Documents</b>	Workshop
<b>Description</b>	Workshop on Image Processing Using Scilab
<b>Enclosures</b>	a) REQUISITION LETTER b) PERMISSION LETTER c) CIRCULAR d) SCHEDULE e) INVITATION f) BROCHURE g) LIST OF PARTICIPANTS h) FEEDBACK FORM i) PHOTO j) CERTIFICATE
<b>No. of Pages</b>	15
<b>Submitted By</b>	<b>Name: Dr.M.Sangeetha</b> <b>Designation: Professor &amp; HOD</b> <b>Department: ECE</b> <b>Signature : [Signature]</b>

**For Office Use Only**

<b>Verified By:</b>	K. Sakthivel	<b>Sign:</b>	[Signature]	<b>Date:</b>	15/3/2018
<b>Uploaded By:</b>	K. Senthil Kumar	<b>Sign:</b>	[Signature]	<b>Date:</b>	15/3/2018
<b>File Name:</b>	WORK - SEE - ECE - 2017-2018 - 108				

**Director IQAC - BIHER**





Requisition Letter

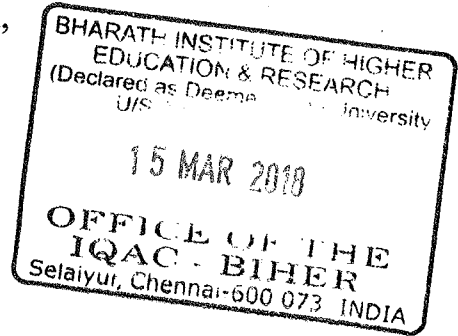
Date: 25.02.2018

From

The HOD,  
ECE Department,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai.

To

The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai.



Respected Sir,

SUB: Requisition for conducting Two days workshop -Reg  
Department of Electronics and Communication Engineering of the School of Electrical  
Engineering has planned to conduct two days workshop on "Image Processing Using Scilab" in  
association with Alfred school of Leadership, Chennai on 01.03.2018 & 02.03.2018. In this  
regard, we kindly request you to grant permission for the same.

HOD/ECE

Thanking you

Dean Engineering



# Bharath

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

No.173, Agharam Road, Selalpur, Chennai, T.N - 600 073.

## PERMISSION LETTER

From

09.01.2018

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

To

Mr. R.Karthikeyan, M.E.,  
AVIT, Chennai.

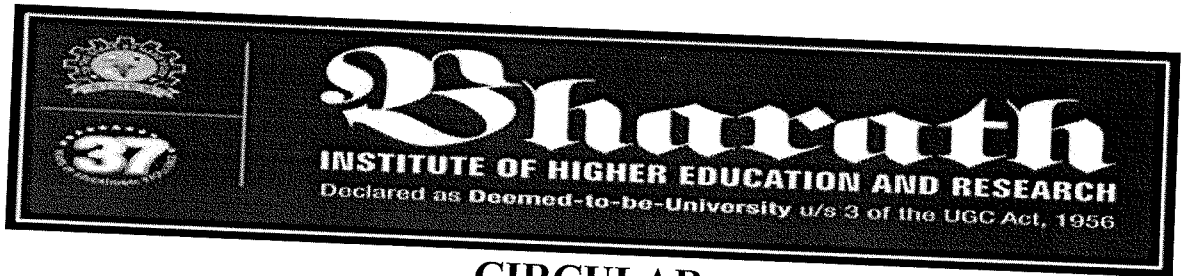
Respected sir,

Sub: - The Department of Electronics and Communication Engineering, School of Electrical Engineering, BIHER, proposed to conduct a workshop in "Image Processing Using Scilab"- Permission requested to deliver an invited talk – Reg.

In the continuation of telephonic conversation, it is requested to deliver an invited talk in "Image Processing Using Scilab " in association with Al Alfredrd school of Leadership, Chennai on 01.03.2018 & 02.03.2018. Kindly accept our request and do the needful.

Convener:

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



## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

**Date: 25.02.2018**

The Workshop on "Image Processing Using Scilab" in association with Alfrd school leadership, Chennai, is planned by the School of Electrical Engineering. This Workshop Programme is offered by the Department Of ECE, Bharath Institute of Higher Education and Research, for the duration of two days (01.03.2018 & 02.03.2018). In this Regard, Students are instructed to give their willingness and confirm their participation to their respective class in charge/workshop Coordinator before 26/02/2018.

**Resource Person :**

**Dr. R.Karthikeyan, AVIT, Chennai**

**Convener :**

**Dr.M.Sangeetha,**

**HOD/ECE**

**Workshop Coordinators**

**T.Vijayan, G.Kanagavalli**

**Assistant Professor/School of Electrical Engineering**

**Bharath Institute of Higher Education and Research**

**Email id: vijayan.ece@bharathuniv.ac.in**

**Convener:**

**Dr.M.Sangeetha**

**HOD/ECE**

To,  
Copy to ECE Department,  
Copy to EEE Department  
Department Notice board



## SCHOOL OF ELECTRICAL ENGINEERING

### Workshop on Image Processing using Scilab

#### PROGRAMME SCHEDULE

**Contact Hours : 09:30 hrs**

DATE	SESSION	Contact Hours	TOPICS	Resource person
1-03-2018	FN	9:30-10:30	Scilab theory and methods	Dr.S.Anbumozhi, Raja Engineering Collge
		10:50 – 11:50	Different programming languages available	Dr. M.K. Hemalatha SIT
	AN	1:00 to 2:00	Scilab Functions and Protocols	Dr.Merline, Sethu Institute of Technology
		2:30-3:30	Usage of Scilab in Industry	Dr. R.Karthikeyan, AVIT,Chennai
		3:45-4:30	Practical sessions	Session Chair: Ms.S.Philomina Ms.S.Saravana
2-03-2018	FN	9:30-10:30	Scilab applications in Image processing	Dr. T.David, Vels Engineering College
		10:50 – 11:50	Features and models for Scilab	Ms. M.Sowmiya Manoj, BIHER
	AN	1:00 to 2:00	Developing and Compiling a Scilab	Dr. R.Sathish Kumar, B.S. Abdur Rahman Crescent Institute of Science and Technology
		2:30-3:30	Hands on training on Scilab	Dr. T.Christina Joseph, Mephco Schelnk engineering college
		3:45-4:00	Common Source while using Scilab	Ms.A .Jasmin Ms.M.Ramalakshmi
		4:00-4.30	Valedictory Function	



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#### INVITATION



# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING ORGANIZES

#### Workshop on Image Processing using SCILAB

March 01<sup>st</sup> & 02<sup>nd</sup>, 2018

##### ADVISORY COMMITTEE:

Dr. J SANDEEP ANAND, M.S, Ph.D.,  
CHANCELLOR

Mr. V. KANAGASABAI  
VICE-CHANCELLOR

Dr. S HAMEED HUSSAN, M.E., Ph.D.,  
PRINCIPAL

##### CONVENER:

Dr. M SANGEETHA, M.E., Ph.D.,  
Professor & HOD, ECE

Dr. S ARIV. SELVI, M.E, Ph.D.,  
Assistant Professor, ECE

##### COORDINATORS:

Mr. B KARTHIK, M.E., Ph.D  
Assistant Professor, ECE

Mr. S PUDUMYI, M.E., Ph.D  
Assistant Professor, ECE

##### RESOURCE PERSON:

Mr. B KARTHIK, M.E.,  
Assistant Professor ECE, AHT, Chennai

TIME: 9.30 A.M to 4.30 P.M

##### Objective

The Scope of this one day workshop Program is to provide brief introduction to Image Processing & SCILAB followed by hands on experience in Image Processing using SCILAB, an open source alternative for MATLAB.

##### Course Module

- ✓ Scilab Programming fundamentals & Image Processing
- ✓ Scripts and Functions
- ✓ Scilab Operators
- ✓ Scilab Programming Examples
- ✓ Scilab toolboxes

##### Registration Details:

Name : \_\_\_\_\_

Institute : \_\_\_\_\_

Department : \_\_\_\_\_

Mobile number : \_\_\_\_\_

Email id : \_\_\_\_\_

Students : Rs. 100/-

Research scholars : Rs. 200/-

DD Can be taken in favor of "BIHER" Payable at Chennai.

Spot payment can be done with prior notification.

No Spot Registration.

To reserve your seat, please register @ <http://www.bharathuniv.ac.in>

For details, please visit: [www.bharathuniv.ac.in](http://www.bharathuniv.ac.in) or Call @

9884992248



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**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

## Department of ECE BROCHURE

<p>Registration form: Name : Designation: Name of the Title :  Area of Research : Organization : Address for Communication :</p> <p>Contact No. Gmail : Category - PG students/Research Scholar/Faculty/Industrial person</p> <p>Payment Details :  D D No/ Date : Drawn on Bank : Amount :</p> <p>Signature Head of Institution</p> <p>Date : (Photo copies of the form accepted)</p>	<p>Advisory Committee: Dr.J.Sundeep Anand Chancellor/BIHER Dr.S.Sweettha Anand Managing Director/BIHER Dr.V.Kanagasabai Vice chancellor/BIHER</p> <p>Co Patron Dr.K.P.Thooyamani Pro vice chancellor/BIHER Dr.J.Hameed Hussain Dean Engineering /BIHER Dr.M.Sundararajan Dean School of Electrical science/BIHER</p> <p>Convener Dr.M.Sangoetha Professor &amp; HOD/ECE</p> <p>Program Committee: TVijayan, G.Kanagasabai Assistant Professor/ECE</p> <p>Technical Committee: Dr.S.Philomina Assistant Professor/ECE M.Boulah Hemalatha Assistant Professor/ECE</p> <p>Organizing Secretary: TVinsy Student of ECE S.Sweettha Student of ECE</p>	 <p><b>BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH</b> 173, Agharam road, Selaiyur, Chennai-600073</p> <p><b>National workshop on "Image Processing Using Scilab"</b> in association with Alfred School Of Leadership, Chennai, <b>01.03.2018</b> &amp; <b>02.03.2018</b> Organized by</p>  <p><a href="http://www.bharathuniv.ac.in">www.bharathuniv.ac.in</a></p>
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**About the University:**

The first self-financing Engineering College in the name of Bharath Institute of Science and Technology (BIST) was started in Tamil Nadu in 1984 by SA Lakshmi Ammal Educational Trust, established by the academic visionary Dr.S.Jagathrakshakan.

Bharath University and is known for providing high quality education to around 10000 students from across the world in multi stream. The institute facilitates the guidance of 1300 teaching faculty members to provide guidance to do Undergraduate, Postgraduate programs and to facilitate Ph.D. research.

**About the Department:**

Electronics and Communication Engineering (ECE) is a swiftly advancing field, with new ideas emerging every other seconds. Graduate engineers in this discipline will be equipped to design and fabricate, install, operate and maintain complex electronic circuits, equipment's and systems.

The course also covers designing security in communications, besides all the software and hardware required in the communication domain.

**About the workshop:**

Scilab is an open source computational software used for writing user defined subroutines for solving complex mathematical problems. This workshop will help participants develop good understanding of computational software and have good hands on experience on how to solve different engineering problems using the software. The main focus of the course is on imparting the importance of using such tools and as well making the participants familiar with industry grade problems and solutions in engineering.

**Workshop Structure:**

**Theory of Scilab - Get familiar with**

1. Different Programming Languages available at disposal
2. What is Scilab
3. Usage of Scilab in industry
4. Different libraries available in Scilab
5. Syntax in Scilab
6. Developing and compiling a sub-routine
7. Limitations of using Scilab
8. Common errors while using Scilab

We cordially invite the students, research scholars, Faculties, Industrial persons to explore the various areas of research and to enhance research skill and to enlighten those around you.

**Practical Session - Gain hands-on experience by**

1. Developing simple sub-routines and compiling them.
2. Using in built libraries to solve common engineering problems.
3. Exploring different methods of visualizing the outcome (graphs, etc.)
4. Solving industry related engineering problems and devising solutions.

**Brainstorming session - Solve an assigned problem covering the entire topics on your own at the venue to assess your learning.**

The Research scholars and students, Faculties can confirm their registration by sending the DD. The DD should take in favour of "BIHER Chennai" before 15.02.2018, backside of DD carry full name, contact number and address of the author.

Selected candidates list announced through email. Accommodation shall be arranged on request at a reasonable cost.

**Dates to be Remember :**

Last date for Registration: 10/02/2018

Short listed candidates list announcement: 25/02/2018

**Registration fee details:**

Students : Rs.250/  
 Research scholars &  
 Staff members : Rs.500/  
 Industry Person : Rs.750/



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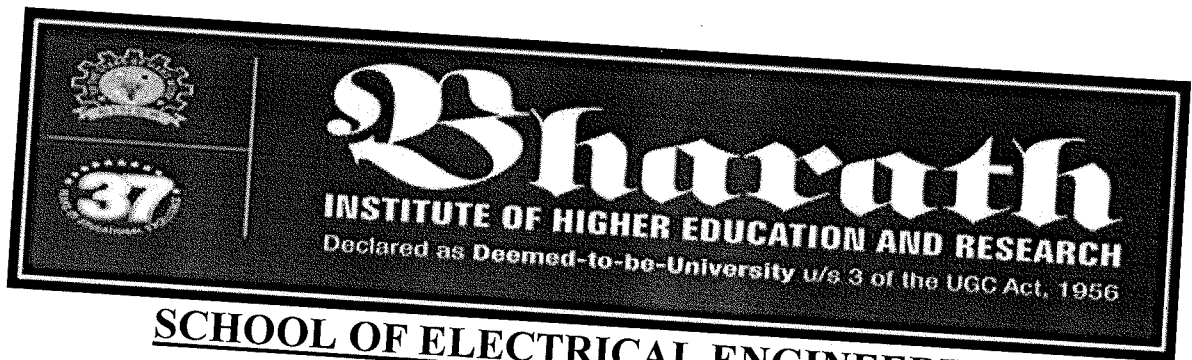
## SCHOOL OF ELECTRICAL ENGINEERING WORKSHOP ON IMAGE PROCESSING USING SCILAB

### LIST OF PARTICIPANTS

**TOTAL NUMBER OF PARTICIPANTS:43**

S.N O	NAME OF THE PARTICIPANT	CATEGOR Y	INSTITUTE	STATE
1	RAHUL REDDY	FACULTY	Agni College of Technology	TAMILNADU
2	ISHWARYA	FACULTY	SRM College of Engineering and Technology	TAMILNADU
3	JAYED AHMED	FACULTY	Dhanalakshmi College of Engineering	TAMILNADU
4	KUMARI PRIYANKA	FACULTY	Dhanalakshmi College of Engineering	TAMILNADU
5	ANIS MD	FACULTY	Dhanalakshmi College of Engineering	TAMILNADU
6	MURALITHARA N	FACULTY	Dhanalakshmi College of Engineering	TAMILNADU
7	NABIL NAIDU	FACULTY	KPR Institute of Engineering and Technology	TELEGANA
8	PAVITHRA	FACULTY	Bharath Institute of Higher Education and Research	TAMILNADU
9	NAVEEN	FACULTY	SNS College of Technology	TELEGANA
10	NEERAJ	FACULTY	SNS College of Technology	TELEGANA
11	DEEPSHIKA KUMARI	FACULTY	SNS College of Technology	TELEGANA
12	HARESH	FACULTY	SNS College of Technology	ANDRAPRA DESH
13	SARATH BABU	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
14	TAMIZH THENDRAL	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	ANDRAPRA DESH
15	SUGENTHAN	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
16	UDHAYAN	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
17	LOKESH	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
18	JAISHANKAR	STUDENTS	BIHER	TELEGANA
19	ABHISHEK	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA

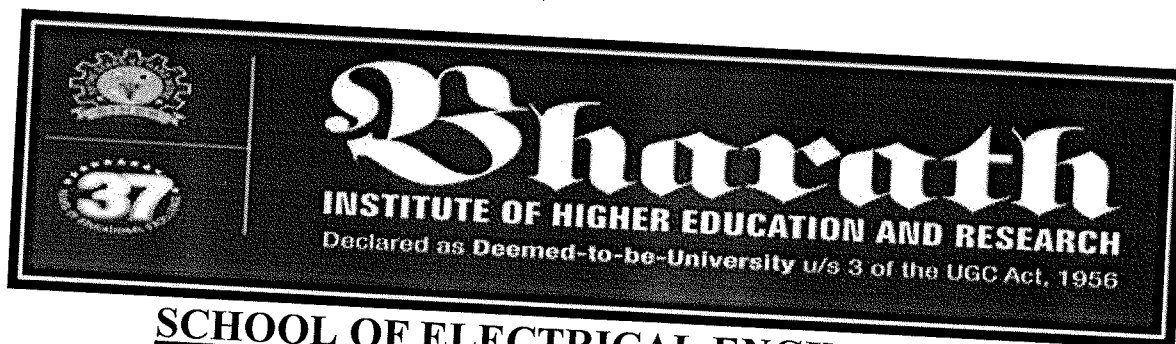
20	HARESH	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TAMILNADU
21	AKASH KUMAR C	STUDENTS	BHARATH UNIVERSITY	ANDRAPRA DESH
22	BHASHAKARLA GOPIKRISHNA	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TAMILNADU
23	SRIJAN KUMAR	STUDENTS	BHARATH UNIVERSITY	ANDRAPRA DESH
24	SADHANA	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	BIHAR
25	SUMIT	STUDENTS	Dhanalakshmi College of Engineering	TAMILNADU
27	ABINAYA	STUDENTS	BHARATH UNIVERSITY	TELEGANA
28	AKIRUL ISLAM	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
29	ANAND RAHUL	STUDENTS	BIHER	TAMILNADU
30	ANGEL	STUDENTS	BIHER	TELEGANA
31	ANJALIKUMARI	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	BIHAR
32	ARAVIND.V	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TAMILNADU
33	ASHIKQUE ALAM	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	ANDRAPRA DESH
34	ASVATHAMAN	STUDENTS	BIHER	ANDRAPRA DESH
35	BABLOOKUMAR	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	ANDRAPRA DESH
36	BALRAM YADAV	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
37	CLIFORD.G	STUDENTS	BIHER	TELEGANA
38	CLIFORD .C	STUDENTS	BIHER	BIHAR
39	DEEPAK KUMAR	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	ANDRAPRA DESH
40	DEEPAN RAJ	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
41	DEEPSHIKA KUMARI	STUDENTS	BIHER	TELEGANA
42	PRIYANKA	STUDENTS	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	TELEGANA
43	ELVIS RYNTONG	STUDENTS	BHARATH UNIVERSITY	ANDRAPRA DESH



**SCHOOL OF ELECTRICAL ENGINEERING  
FEEDBACK FORM  
WORKSHOP ON IMAGE PROCESSING USING SCILAB**

FEED BACK FORM					
					Date: 01/3/2018
Name	UDHAYAN				
Phone number	92244 32324				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					
The Speaker				✓	
Audio, Visual Aids Technology used				✓	
Presentation hand outs				✓	

*Udhayan*  
Student Signature



**SCHOOL OF ELECTRICAL ENGINEERING**  
**FEEDBACK FORM**  
**WORKSHOP ON IMAGE PROCESSING USING SCILAB**

FEEDBACK FORM					
					Date: 02/3/2018
Name	SUGENTHAN				
Phone number	9222343410				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					
The Speaker				✓	
Audio, Visual Aids Technology used				✓	
Presentation handouts					✓

  
 Student Signature

**Bharath Institute of Higher Education and Research**  
**Department of ECE**  
**CERTIFICATE**

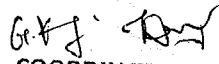



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ACCREDITED WITH 'A' GRADE BY NAAC

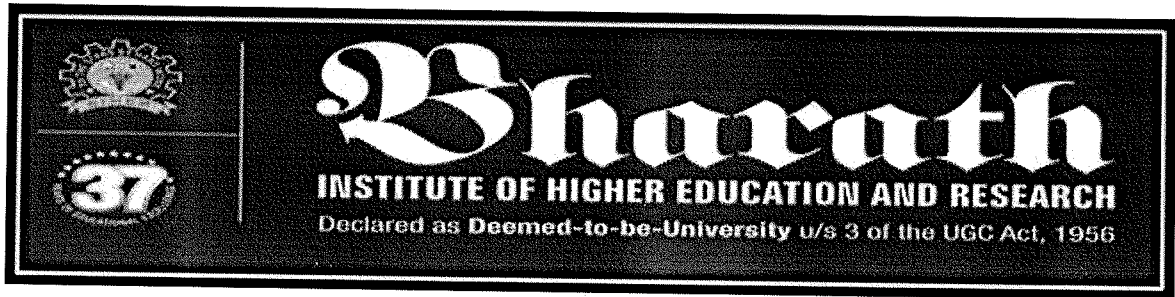
**SCHOOL OF ELECTRICAL ENGINEERING**

**CERTIFICATION OF PARTICIPATION**

This is to certify that **Mr. BALRAM YADAV** has attended two days workshop on "Image Processing Using Scilab" in association with Alfrd school of Leadership, Chennai, Organized by the Department of Electronics and Communication Engineering, BIHER conducted on 01.03.2018 & 02.03.2018

  
COORDINATORS  
Ms.G.Kanagavalli  
Mr.T.Vijayan

  
CONVENOR  
Dr.M.Sangeetha



**Department of ECE**  
**PHOTOS**

**“IMAGE PROCESSING USING SCILAB”** in association with Alfrd school of Leadership,  
Chennai on 01.03.2018 & 02.03.2018