

Bharath Institute of Higher Education and Research

[Declared Under Section 3 of UGC Act, 1956]

Chennai – 600 073

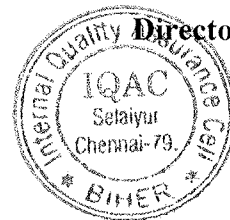
INTERNAL QUALITY ASSURANCE CELL (IQAC)

DOCUMENTS SUBMISSION FORM

Date of Submission	16.08.2019
Type of Documents	Workshop
Description	Workshop on Signal Processing
Enclosures	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
No. of Pages	13
	Designation : Dr M. SANGEETHA
	Department : Professor & HOD/ECE
	Signature :

For Office Use Only

Verified By:	K-Sakthivel	Sign:	Date: 16/8/2019
Uploaded By:	K - Senthil Kumar	Sign:	Date: 16/8/2019
File Name:	SEE-ECE - WORK - 2019-2020 - 03		



Director IQAC - BIHER



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, Selaiyur, Chennai , T.N - 600 073.

REQUISITION LETTER

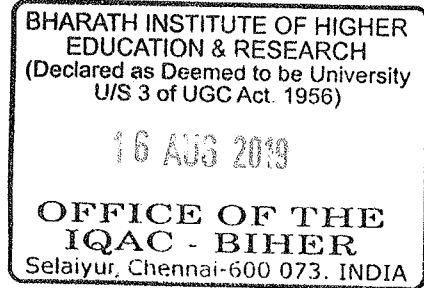
Date: 01.08.2019

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 a workshop on **Signal Processing** –Regarding.

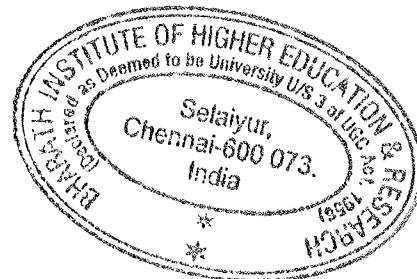
The School of Electrical Engineering has planned to conduct a Seminar on the topic “**Signal Processing**” dated from **08.08.2019 to 09.08.2019** between **9.30 AM to 4.30 PM**. In this regard, I request you to kindly grant permission for conducting the same.

Thanking You

HOD/ECE

Dean Engineering

DEAN (Engineering)
Bharath Institute of Science & Technology
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Selaiyur, Chennai-600 073.





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, Selaiyur, Chennai , T.N - 600 073.

Permission Letter

Date :02.08.2019

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

To
The Dean Engineering
Bharath Institute of Higher Education and Research
Selaiyur, Chennai-73

Respected sir,

Sub:-The Department of Electronics and Communication Engineering, School of Electrical Science, BIHER, proposed to conduct a workshop in "Signal Processing"- Permission requested. – Reg.

In the continuation of telephonic conversation, it is requested to deliver anworkshop in "Signal Processing", from 08.08.2019 to 09.08.2019.Kindly accept our request and do the needful.

Convener

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



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, Selayur, Chennai , T.N - 600 073.

CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

Date: 06.08.2019

The School of Electrical Engineering, Department of ECE, BIHER is glad to conduct a workshop on “**Signal Processing**” dated from **08.08.2019 to 09.08.2019** between **9.30AM to 4.30PM**. Those who are interested to participate do register your name with the program coordinator mentioned below.

Resource Person:

MrSelva Kumar,
Vikasha Electronics, Chennai.

Convener:

Dr.M.Sangeetha,
HOD/ECE

Program Coordinator:

Ms.B.KalaiSelvi
Assist Professor
Email:kalaselvi.ece@bharathuniv.ac.in
Contact no: 9444649010

Convener

Dr.M.Sangeetha,
HOD/ECE



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, Selaiyur, Chennai , T.N - 600 073.

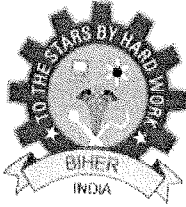
SCHOOL OF ELECTRICAL ENGINEERING

WORKSHOP ON “SIGNAL PROCESSING”

SCHEDULE

Contact Hours: 09:30 hrs

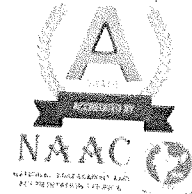
DATE	SESSION	Contact Hours	TOPICS	Resource person	
08-08-2019	FN	9:30-10:30	Basics of Signal Processing	Dr.Selva Kumar Vikasha Electronics, Chennai .	
		TEA BREAK			
		10:50 – 11:50	To explain and demonstrate the processing of ECG signals using machine learning.		
	LUNCH BREAK				
	AN	1:00 to 2:00	To explain and demonstrate the processing of EEG signals using machine learning.	Mr.Lakshmi Narayanan, Assistant Professor, PERI Inst of Tech, Chennai.	
		2:30-3:30	To describe and demonstrate speech processing, using machine learning.		
		TEA BREAK			
3:45-4:30		To describe and demonstrate image processing, using machine learning.			
09-08-2019	FN	9:30-10:30	To describe and demonstrate medical image using machine learning.	Dr.Selva Kumar Vikasha Electronics, Chennai .	
		TEA BREAK			
		10:50 – 11:50	To explain the optimization of parameters for designing an accurate model in Machine Learning.		
	LUNCH BREAK				
	AN	1:00 to 2:00	Demonstration of deep learning in computer vision on the edge	Mr.Balakrishnan, Senior Design Engineer, Foreview Technologies, Chennai.	
		2:30-3:30	Demonstration of deep learning in computer vision on the edge		
		TEA BREAK			
3:45-4:30		LAB VIEW Demo for Real time Applications			



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

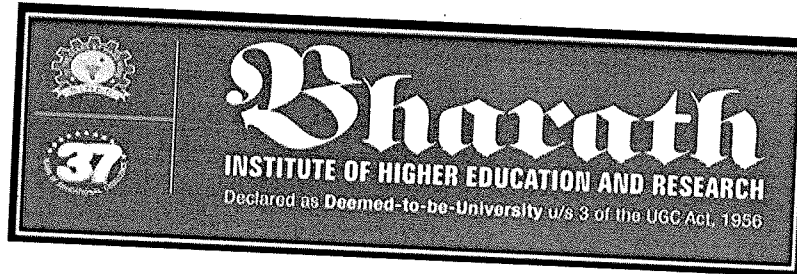
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

Bharath Institute of Higher Education and Research
Department of ECE
INVITATION



School of Electrical Engineering
Department of Electronics and Communication Engineering
Workshop on
“Signal Processing”

Resource Person : Dr. Selva kumar,
Vikasha Electronics
Chennai.

KEYNOTE ADDRESS : Dr.J.Hameed Hussian, Dean Engineering, BIHER.

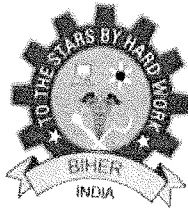
SPECIAL ADDRESS : Dr.M.Sangeetha, Professor/HOD, ECE, BIHER

PROGRAM COORDINATOR : Dr.Kalaiselvi, Assist Professor, ECE, BIHER

VENUE : ECE SMART ROOM, SA BLOCK, BIHER.

DATE : 08.08.2019 to 09.08.2019

TIME : 9.30 AM – 4.30 PM



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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

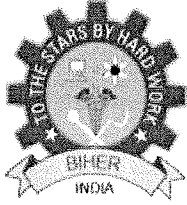


BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

WORKSHOP - BROCHURE

<p>Registration form</p> <p>Name :</p> <p>Designation:</p> <p>Name of the^o</p> <p>Organization/Institution :</p> <p>Address for Communication :</p> <p>Contact No:</p> <p>Email :</p> <p>Category : Students/Research Scholar/Faculty/Industrial person</p> <p>Payment Details :</p> <p>D.D No/ Date :</p> <p>Drawn on Bank :</p> <p>Amount :</p> <p>Signature of Head of Institution/Organization</p> <p>Date : (Photo copies of the form accepted)</p>	<p>Advisory Committee: Dr.J.Sandeep Anand Chancellor/BIHER Dr.S.Sweethe Anand Managing Director/BIHER Dr.V.Kanegesabai Vice Chancellor/BIHER</p> <p>Co-Patron Dr.K.P.Thooyamahi Pro vice chancellor/BIHER Dr.J.Hameed Hussain Dean Engineering /BIHER Dr.M.Sunderarajan Dean School of Electrical science/BIHER</p> <p>Convener Dr.M.Sangeetha Professor & HOD/ECE</p> <p>Program Committee: Ms.Kalsibevi Assist. Professor/ECE</p> <p>Technical Committee: Dr.S.Philomina Assistant Professor/ECE M.Eevalan Hemsletta Assistant Professor/ECE</p> <p>Organizing Secretary: T.Vinay Student of ECE S.Sweethe Student of ECE</p>	<p>BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH 173, Agharam Road, Selaiyur, Chennai-600073</p> <p>Workshop on "Signal Processing" 08-09th August 2019 Organized by</p> <p>DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING</p>  <p>www.bharathuniv.ac.in</p>	<p>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 Sri Lakshmi Ammal Educational Trust, established by the academic visionary Dr.S.Jeethirekshakan.</p> <p>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 1800 teaching faculty members to provide guidance to do Undergraduate, Postgraduate programs and to facilitate Ph.D. research.</p>	<p>About the Workshop: The main objective of this workshop is use of MATLAB Tools in various signal processing applications in terms of Machine Learning. The two day workshop will present the most recent and emerging technologies in machine learning for signal processing through globally expert talks and hands-on sessions. This area is of utmost importance as there is a significant and growing demand in the field of machine learning for signal analysis and classifications in various forms, either 1-D or 2-D. This workshop is to promote cross-fertilization between machine learning research and its application to signal (EES, EGS, Speech, image) processing in order to foster collaboration between these fields. Often there is a need for a systematic study of fundamentals in the proper direction for those researchers and scientists who embark on the new field of research. Working on the existing examples aids in boosting interest and consequently provides the first-hand experience of the field. 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.</p>	<p>Instructions for the Participants: Those who wants to participate in this National level Seminar fill their details in the registration form and get signature from their Higher Authorities. Along with the registration form take DD drawn in favour of "Dean Engineering" BIHER payable at Punjab National Bank (PNB), selaiyur branch - Chennai-73, should be sent to the Head of Dept. of ECE/BIHER, for their participation confirmation. DD should carry full name, contact number and address of the participants. Note : Accommodation shall be arranged on request basis at a reasonable cost.</p> <p>Dates to be Remember : Last date for Registration : 01.08.2019. Confirmation through mail from Institution : 03.08.2019 Registration fee details: Students : Rs.250/- Research scholars & Staff members : Rs.500/- Industrial Person : Rs.1000/-</p>
--	--	--	---	---	---



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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



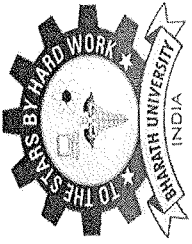
BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

Department of ECE PARTICIPANTS LIST

S.NO	STUDENTS NAME	NAME OF THE COLLEGE
1	JAGALURU THIMMA REDDY	SRM College of Engineering and Technology
2	JAGARLAMUDI CHAITANYA	Agni College of Technology
3	JAKKU MANIDEEP	Agni College of Technology
4	JAYASURYA K R	SRM College of Engineering and Technology
5	JETTY SAI SUDHEER	SRM College of Engineering and Technology
6	JOELTHAMBURAJ D	Dhanalakshmi College of Engineering
7	JONNALAGADDA VENKATA MANOJ KUMAR	Agni College of Technology
8	K O HARICHANDANA	Dhanalakshmi College of Engineering
9	KADAPA SREENIVASULAREDDY	KPR Institute of Engineering and Technology
10	KARAKAVALASA UDAY KUMAR	KPR Institute of Engineering and Technology
11	KARICHETI BALAKRISHNA	KPR Institute of Engineering and Technology
12	KARNAM MOHITH	Bharath University
13	KARTHICK T	Bharath University
14	KELAM PHANI SHANKAR	Bharath University
15	KISHOR KARTHIK G T	Bharath University
16	KODARAPU MANEESH KUMAR	Bharath University
17	KOMURAVELLI ABHILASH	Bharath University
18	KONDA ANANTH REDDY	Agni College of Technology
19	KONDA SANDEEP	SRM College of Engineering and Technology
20	KONDAMURI VENKATESH	Dhanalakshmi College of Engineering
21	KONDURU CHAITANYA	Dhanalakshmi College of Engineering
22	KONDREDDY HARITHA	Dhanalakshmi College of Engineering
23	KOTHA SIVA SANKAR	Dhanalakshmi College of Engineering
24	KOTTE VENKATA BHARATH SRINATH	KPR Institute of Engineering and Technology
25	KUCHI VENKATA RATHNA LIKITH KUMAR	Bharath University
26	KUKKALA LOKESH SAI	SNS College of Technology
27	KUMMARI SAI CHARAN	SNS College of Technology
28	KUMMARI VENKATA SURENDRANATH	SNS College of Technology
29	KOMMERA PRASHANTH REDDY	SNS College of Technology
30	KUNASANI HEMANTH	Bharath University
31	KUNCHA SAILATHA	Bharath University

32	LAKSHYA KRISHNA	Bharath University
33	M. KISHORE	SNS College of Technology
34	MADDINENI SRIKANTH	Bharath University
35	MADELA YUVARAJU	Bharath University
36	MALLA ESWARA PRASAD	Bharath University
37	MANCHALA NIRANJAN REDDY	Bharath University
38	MANIS KUMAR YADAV	Bharath University
39	MANNE MANOJ KUMAR REDDY	SNS College of Technology
40	MUNGARA SRIHARIBABU	SNS College of Technology
41	MARUBOYINA SANDEEP	SNS College of Technology
42	K RADHAKRISHNA	SRM College of Engineering and Technology
43	KAPULURI MARUTHI RAO	Agni College of Technology
44	RAMPRASATH T	Agni College of Technology
45	KAPULURI VENKATESWARLU	SRM College of Engineering and Technology
46	MUNGARA SRIHARIBABU	SRM College of Engineering and Technology
47	VEMULA SIVA SANKAR VARAPRASAD	Dhanalakshmi College of Engineering
48	GUDLURU SUMANTH	Agni College of Technology
49	KUCHULA SAIKUMAR REDDY	Dhanalakshmi College of Engineering
50	KOTA VENKATA SIVA PRASAD REDDY	KPR Institute of Engineering and Technology
51	GANGASANI SAI NANDA GOPAL REDDY	KPR Institute of Engineering and Technology
52	POKALA SUDHARSHAN REDDY	KPR Institute of Engineering and Technology
53	CHINTALA GANESH	Bharath University
54	TAMATAM HARSHAK REDDY	Bharath University
55	M DURGAPRASAD	Bharath University
56	YANDRA SAI VENKAT	Bharath University
57	AKASH KUMAR C	Bharath University
58	BHASHAKARLA GOPIKRISHNA	Bharath University
59	MADDIBOINA GIRI BABU	Agni College of Technology
60	MASANAM TARUN	SRM College of Engineering and Technology
61	N E ANIL KUMAR	Dhanalakshmi College of Engineering
62	KALLURI RAMA KSRISHNA	SRM College of Engineering and Technology
63	YALAMANDALA SANDHYA	Agni College of Technology
64	RACHARLA VENKATNARAYAN	Agni College of Technology
65	A MAHESH	SRM College of Engineering and Technology
66	MARAMREDDY MURALI MOHAN	SRM College of Engineering and Technology
67	JIJJARAPU SHIVA	Dhanalakshmi College of Engineering
68	DINESH D	Agni College of Technology
69	BURLA MALLIKHARJUNA REDDY	Dhanalakshmi College of Engineering
70	KATNAM SAIKUMAR	KPR Institute of Engineering and Technology



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)
ACCREDITED WITH 'A' GRADE BY NAAC

SCHOOL OF ELECTRICAL ENGINEERING

CERTIFICATION OF PARTICIPATION

This is to certify that JONNALAGADDA VENKATA MANOJ KUMAR has attended two days workshop on "Signal Processing" Organized by the Department of Electronics and Communication Engineering, BIHER conducted on 08.08.2019 & 09.08.2019

COORDINATOR
Ms B. Kalaiselvi

CONVENOR
Dr. M. Sangeetha



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, Selaiyur, Chennai , T.N - 600 073.

SCHOOL OF ELECTRICAL ENGINEERING
FEEDBACK FORM
Workshop on Signal Processing

FEED BACK FORM		Date: 08.08.2019			
Name	Kukikela Lokesh Sai				
Phonenumner	9176778484				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
Seminar's objective were stated clearly and met?				✓	
Audio, Visual Aids Technology used				✓	
Presentation hand outs				✓	
Seminar enhances your Studies/Research?				✓	
The information presented was useful?					✓
The speaker was engaging and Knowledgeable?				✓	

KLS
Student Signature



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, Selaiyur, Chennai , T.N - 600 073.

SCHOOL OF ELECTRICAL ENGINEERING

FEEDBACK FORM

Workshop on Signal Processing

FEED BACK FORM		Date: 09/08/2019			
Name	K.O.Harichandana				
Phonenumber	9884558027				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
Seminar's objective were stated clearly and met?				✓	
Audio,Visual Aids Technology used				✓	
Presentation hand outs					✓
Seminar enhances your Studies/Research?				✓	
The information presented was useful?				✓	
The speaker was engaging and Knowledgeable?				✓	

K.O.H.
Student Signature



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, Selaiyur, Chennai , T.N - 600 073.

Department of ECE
Workshop on "Signal Processing"
08.08.2019 to 09.08.2019

