




# Bharath Institute of Higher Education and Research


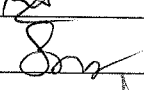
[Declared Under Section 3 of UGC Act, 1956] Chennai – 600 073.

## INTERNAL QUALITY ASSURANCE CELL (IQAC) DOCUMENTS SUBMISSION FORM

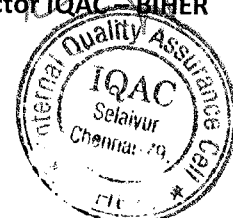
Date of Submission	28.02.2020
Type of Documents	Seminar
Description	Seminar on Ultra Wide band Technology Creating a Wireless world
Enclosures	a) REQUISITION LETTER
	b) REQUEST LETTER
	c) PROGRAM SCHEDULE
	d) CIRCULAR
	e) INVITATION
	f) PARTICIPANTS LIST
	g) PHOTO
	h) CERTIFICATE
	i) BROCHURE
	j) FEEDBACK FORM
No. of Pages	13
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: 28/2/2020
Uploaded By:	K. Senthil Kumar	Sign: 	Date: 28/2/2020
File Name:	SEMI - SEE - ECE - 2019-2020-18		

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

07.02.2020

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

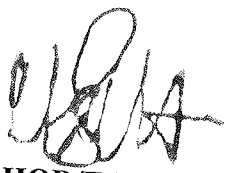
Selaiyur, Chennai-73

Respected Sir,


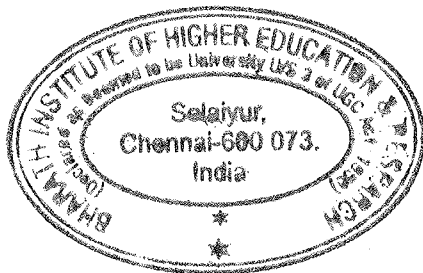
Subject : Requisition for Conducting a seminar on Seminar on Ultra Wide band Technology  
Creating a Wireless world -regarding

The School of Electrical Engineering has planned to conduct a Seminar on the topic "Seminar on Ultra Wide band Technology Creating a Wireless world" dated on 21.02.2020 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**  
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**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

**REQUISITION LETTER**

**14.02.2020**

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

To  
ATTI RAVICHANDRA,  
Automation Engineer,  
SMEC Pvt. Ltd,  
Chennai – 601 104.  
Respected sir,

Sub:- The Department of Electronics and Communication Engineering, School of Electrical Science, BIHER, proposed to conduct a seminar in “Seminar on Ultra Wide band Technology Creating a Wireless world”- Permission requested to deliver an invited talk – Reg.

In the continuation of telephonic conversation, it is requested to deliver an invited talk in “Industrial Automation “in association with SMEC Pvt. Ltd, Chennai, on 21.02.2020.Kindly accept our request and do the needful.

**Convener**

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



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

<b>PROGRAM SCHEDULE</b>	
<b>21.02.2020 (Friday)</b>	
09.30 - 10.00 AM	Inaugural Address
09.30 AM	Welcome Address Dr.M.Sangeetha
09.35 AM	About the Seminar Ms.M.SowmiyaManoj
09.40AM	Introduction of the Chief Guest Dr.S.Arulselvi
09.45 AM	Inaugural address by Chief Guest ATTI RAVICHANDRA, Automation Engineer, SMEC Pvt. Ltd, Chennai – 601 104.
10.00 AM Onwards	Invited Talk ATTI RAVICHANDRA, Automation Engineer, SMEC Pvt. Ltd, Chennai – 601 104.
12.30-1.30 PM	Lunch break
1.45-03.00pm	Presentation
<b><u>Valedictory program</u></b>	
03.30-04.00PM	Valedictory Function
04.00-04.20PM	Vote of Thanks (Coordinator)



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

## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

**Date: 17.02.2020**

The School of Electrical Engineering, Department of ECE, BIHER is glad to conduct a Seminar on “Seminar on Ultra Wide band Technology Creating a Wireless world” dated on 21.02.2020 between 9.30AM to 4.30PM. Those who are interested to participate do register your name with the program coordinator mentioned below.

**Resource Person:**

ATTI RAVICHANDRA,  
Automation Engineer,  
SMEC Pvt. Ltd,  
Chennai – 601 104.

**Convener:**

**Dr.M.Sangeetha,**

**Program Coordinator:**

Mrs.M.SowmiyaManoj  
Assistant Professor  
Email:sowmiyamanoj.ece@bharathuniv.ac.in  
Contact no:7358747803

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

# Bharath Institute of Higher Education and Research

## Department of ECE

### INVITATION



**Bharath**

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Deemed as University by the Government of India, Act 1978)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

No. 173, Aggar Road, Sathiyam, Chennai, TN - 600 073.

#### School of Electrical Engineering

In association with

M/s SMEC Private Limited, Chennai

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

Cordially Invite you for the One day Seminar on

"Seminar on Ultra Wide band Technology Creating a Wireless world"

Resource Person : ATTIRAVICHANDRA, Automation Engineer, SMEC Pvt Ltd  
Keynote Address : Dr. J Hameed Hussain, Dean Engineering, BIHER.  
SPECIAL ADDRESS : Dr. M Sangeetha, Professor, HOD, ECE, BIHER  
PROGRAM COORDINATOR : Ms. M. Sowmiya Manoj, Assistant Professor, ECE, BIHER  
VENUE : ECE SMART ROOM, SA BLOCK, BIHER  
DATE : 21.02.2020  
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

# Bharath Institute of Higher Education and Research

## 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

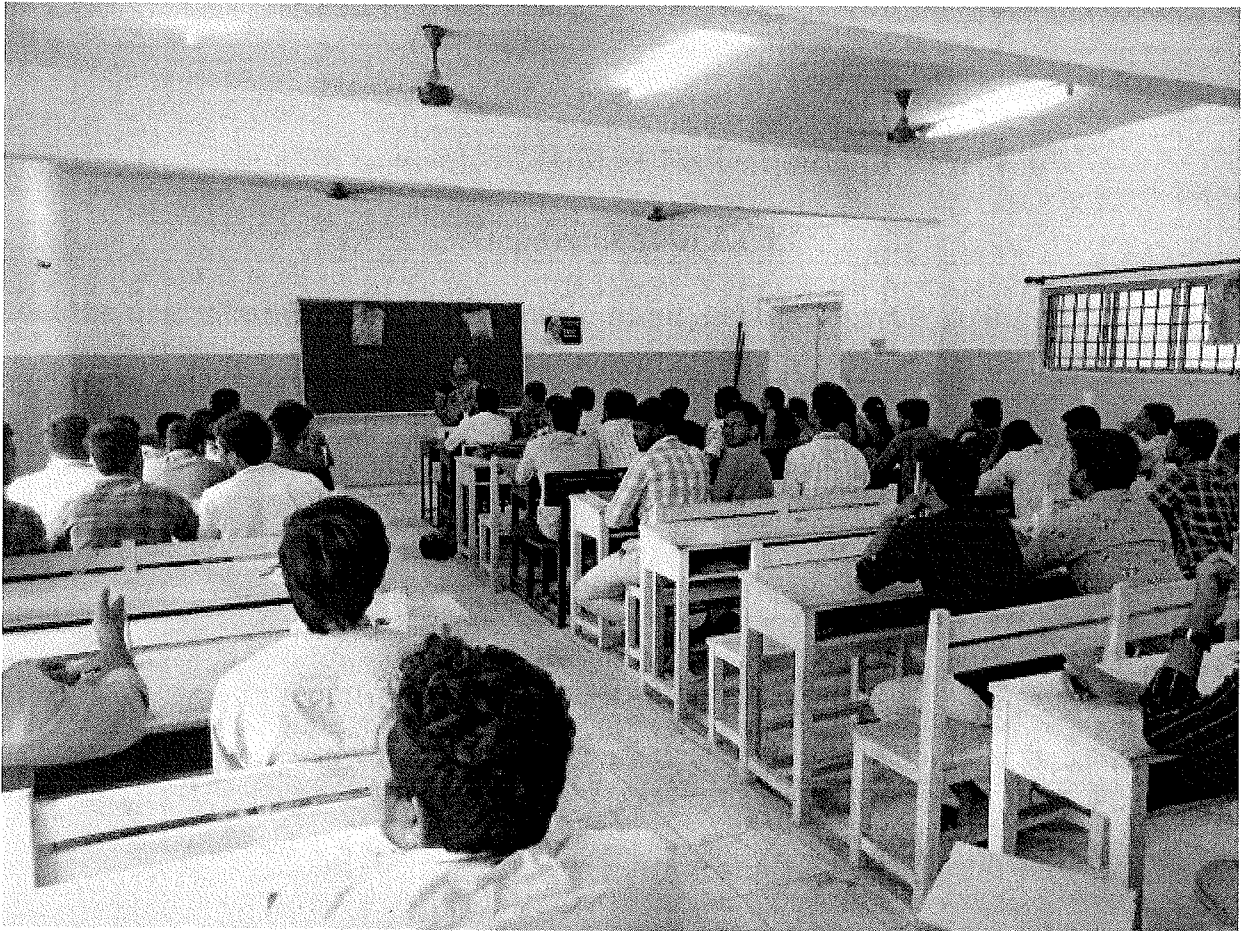
38	MANIS KUMAR YADAV	Bharath University
39	MANNE MANOJ KUMAR REDDY	SNS College of Technology
40	MUNGARA SRIHARIBABU	SNS College of Technology
41	MARUBOYINA SANDEEP	SNS College of Technology
42	K RADHAKRISHNA	SRM College of Engineering and Technology
43	KAPULURI MARUTHI RAO	Agni College of Technology
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	JIJARAPU 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
71	YANAMALA VASU	KPR Institute of Engineering and Technology

**Bharath Institute of Higher Education and Research**

**Department of ECE**

**One day Seminar on “ Ultra Wide band Technology Creating a Wireless world”**

**21.02.2020**



**Students are attending a Seminar on “Seminar on Ultra Wide band Technology Creating a Wireless world” on 21.02.2020**

# Bharath Institute of Higher Education and Research

## Department of ECE

### CERTIFICATE



**Bharath**

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

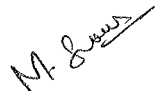
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**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Aghazam Road, Selaiyur, Chennai, T.N - 600 073.

### SCHOOL OF ELECTRICAL ENGINEERING CERTIFICATE OF PARTICIPATION

*This is to certify that Mr/Mrs. KADAPA SREENIVASULAREDDY has participated in the seminar on **Ultra Wide band Technology Creating a Wireless world** organized by the School of Electrical Engineering, BIHER in association with M/s, SMEC PVT LTD, Chennai conducted on*  
**21.02.2020**

  
**Mrs.M.Sowmiya Manoj**  
Coordinator

SMEC PVT LTD

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

Registration form:

Name :

Designation:

Name of the Title :

Area of Research :

Organization :

Address for Communication :

Contact No:

Gmail :

Category : PG

students/Research

Scholar/Faculty/Industrial  
person

Payment Details :

D.D No/ Date :

Drawn on Bank :

Amount :

Signature Head of Institution

Date :

(Photo copies of the form  
accepted)

Advisory Committee:

Dr.J.Sundeep Anand

Chancellor/BIHER

Dr.S.Sweetha Anand

Managing Director/BIHER

Dr.V.Kanagasabai

Vice chancellor/BIHER

Co-Patron

Dr.K.P.Thooyamani

Pro vice chancellor/BIHER

Dr.J.Hameed Hussian

Dean Engineering /BIHER

Dr.M.Sundararajan

Dean School of Electrical  
science/BIHER

Convener

Dr.M.Sangeetha

Professor & HOD/ECE

Program Committee:

Mrs.M.SowmiyaManoj

Assistant Professor/ECE

Technical Committee:

Dr.S.Philomina

Assistant Professor/ECE

M.Beulah Hemalatha

Assistant Professor/ECE

Organizing Secretary:

T.Vinay

Student of ECE

S.Sweetha

Student of ECE



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

BHARATH INSTITUTE OF HIGHER  
EDUCATION AND RESEARCH

173, Aghram road, Selaiyur,  
Chennai-600073

National Seminar  
on  
"Ultra Wide band  
Technology Creating a  
Wireless world"

21<sup>th</sup> February 2020

Organized  
by

DEPARTMENT OF ELECTRONICS  
AND COMMUNICATION  
ENGINEERING



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

### **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.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 Seminar:**

**Ultra-wideband (UWB, ultra wideband, ultra-wide band and ultraband)** is a radio technology that can use a very low energy level for short-range, high-bandwidth communications over a large portion of the radio spectrum.<sup>[1]</sup> UWB has traditional applications in non-cooperative radar imaging. Most recent applications target sensor data collection, precision locating<sup>[2]</sup> and tracking applications.<sup>[3][4]</sup> UWB support started to appear in high-end smartphones. A significant difference between conventional radio transmissions and UWB is that conventional systems transmit information by varying the power level, frequency, and/or phase of a sinusoidal wave. UWB transmissions transmit information by generating radio energy at specific time intervals and occupying a large bandwidth, thus enabling pulse-position or time modulation. The information can also be modulated on UWB signals (pulses) by encoding the polarity of the pulse, its amplitude and/or by using orthogonal pulses. UWB pulses can be sent sporadically at relatively low pulse rates to support time or position modulation, but can also be sent at rates up to the inverse of the UWB pulse bandwidth.

### **Instruction for the participants:**

Those who wants to participate in this national seminar fill their details in the registration form and signature from their higher authorities. Along with the registration form take DD drawn in favour of "Dean engineering" Payable at punjab national bank,selayur,chennai-73,should be sent to the head of the department of ECE/BIHER, for their participation confirmation. DD should contain name of the student, contact number, address of the student.

Note: 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.

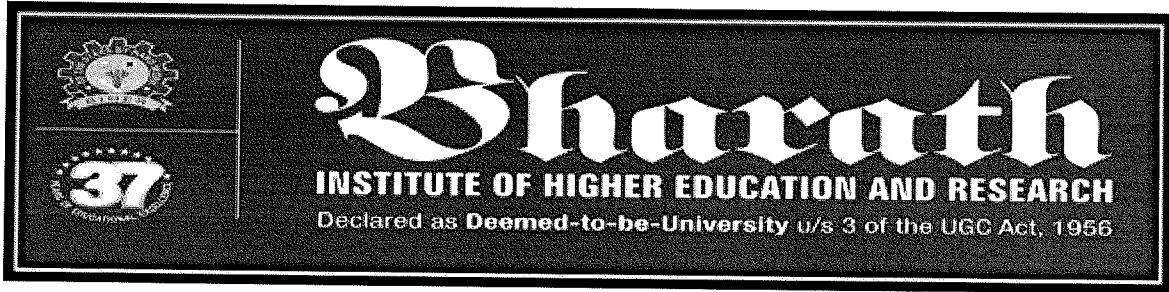
### **Dates to be Remember :**

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/-




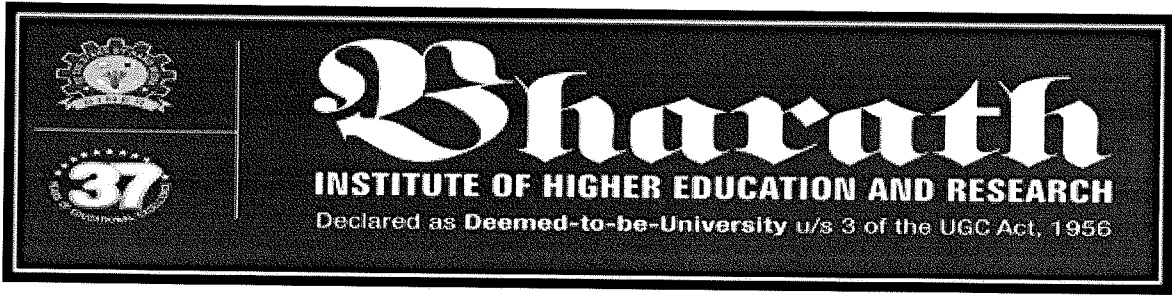
**SCHOOL OF ELECTRICAL ENGINEERING**

**FEEDBACK FORM**

**Seminar on Ultra Wide band Technology Creating a Wireless world**

FEED BACK FORM		Date: 21.02.2020			
Name	A. Mahesh				
Phone number	944 2619007				
	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?			✓		

  
**Student Signature**



**SCHOOL OF ELECTRICAL ENGINEERING**

**FEEDBACK FORM**

**Seminar on Ultra Wide band Technology Creating a Wireless world**

FEED BACK FORM		Date:21.02.2020			
Name	Ramprasath T				
Phone number	9790118911				
	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?				✓	

  
**Student Signature**