

**Requisition Letter**

**Date: 12.03.2019**

From

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

To

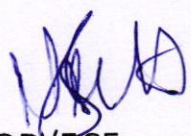
The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai.

Respected Sir,


SUB : Requisition for conducting Value Added Course-Regd

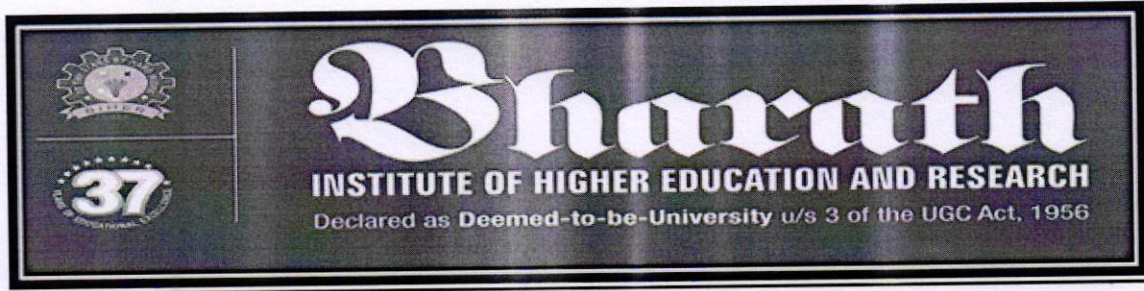
School of Electrical Engineering has planned to conduct Value added Course on "Computational Electromagnetics" on 22.04.2019. In this regard we kindly request you to grant permission for the same.

Thanking you

  
HOD/ECE



  
Dean Engineering



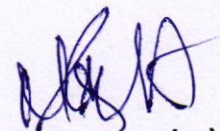
**CIRCULAR**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Date: 02.04.2019**

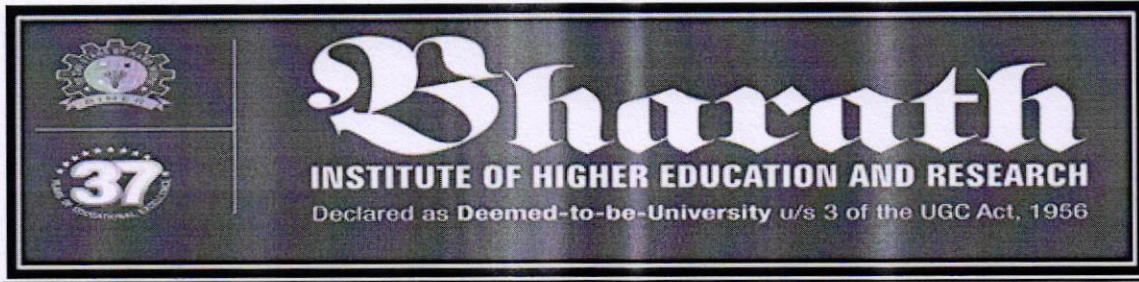
The course on Computational Electromagnetics is planned by School of Electrical Engineering which commences on 22-4-2019 (Monday). In this regard the students are requested to give their willingness to Course Coordinator. It is instructed to actively participate and get benefitted for the certified course.

Course Coordinator: S.Balaji  
Contact No: 9566078080  
Email id : balajis.ece@bharathuniv.ac.in

  
(Dr.M.Sangeetha)  
HOD/ECE



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



## SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2018 -2019)

### Computational Electromagnetics

#### Course Objective

To understand the concepts of computational electromagnetics, to enable analysis of numerical stability and dispersion. Introduction to the finite-difference time-domain (FDTD) method in numerical modeling of electromagnetic and optical wave interactions with engineering structures.

#### Resource Persons :

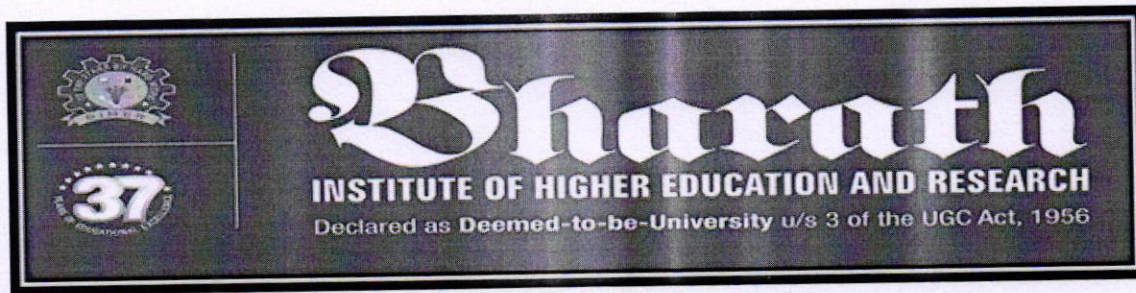
1. Dr. S Arulsevi
2. Ramya S

Convener

Dr. M. Sangeetha

HOD/ECE





## SCHOOL OF ELECTRICAL ENGINEERING

### Computational Electromagnetics

#### SCHEDULE

**Contact Hours : 32 hrs**

DATE	SESSION	Contact Hours	TOPICS	Resource person
22-4-2019	FN	9.00 am to 12.30 pm	Basic Principles: Radar equation, Radar Cross section	Dr.S Arulselvi
	AN	1.30 pm to 4 pm	CW Radar, FMCW Radar	Ramya S
23-4-2019	FN	9.00 am to 12.30 pm	Pulsed Radar Principles	Dr.S Arulselvi
	AN	1.30 pm to 4 pm	Clutter Analysis, MTI Improvement Factor, Pulsed Doppler Radar	Ramya S
24-4-2019	FN	9.00 am to 12.30 pm	Tracking Radar, Angular resolution, Monopulse Technique	Dr.S Arulselvi
	AN	1.30 pm to 4 pm	Detection Theory: Match Filtering, Radar Ambiguity Function	Ramya S
25-4-2019	FN	9.00 am to 12.30 pm	Imaging Radar: Resolution Concept, Pulse Compression	Dr.S Arulselvi
	AN	1.30 pm to 5 pm	Synthetic Aperture Processing, ISAR Imaging	Ramya S
26-4-2019	FN	9.00 am to 12.30 pm	Probability of false alarm and Detection, Modified Radar Range Equation with Swerling Models	Dr.S Arulselvi
	AN	1.30 pm to 5 pm	Ground Penetrating Radar for close sensing	Ramya S

**VALUE ADDED COURSE**  
**SCHOOL OF ELECTRICAL ENGINEERING**

**Computational Electromagnetics**


**List Of Participants**

**Date: 22-4-2019**

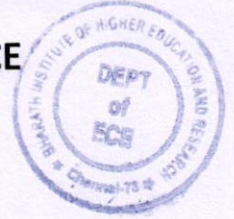
Sl.No	REG.NO	NAME OF THE CANDIDATE
1.	U15EC010	ANKIT KUMAR DUBEY
2.	U15EC011	ARAVINDH M
3.	U15EC012	ARIVAZHAGAN R
4.	U15EC013	ARJUN R
5.	U15EC014	ARULANTONY RAJI
6.	U15EC015	ATTAR MOHAMMED TOUSIF
7.	U15EC016	ATUKURI AVINASSH
8.	U15EC017	BASETTY HIMABINDU
9.	U15EC018	BOJJA PHANINDHRA REDDY
10	U15EC019	C. SHIVARAMAN SRIKANTH
11	U15EC020	CHANDAN PANDAY
12	U15EC021	CHAPARTHI KARTHIK
13	U15EC022	CHEKKA KESAVA PRAJWAL
14	U15EC023	CHITTIBOMMA SWATHI
15	U15EC024	DASARI HARI SAI KUMAR
16	U15EC025	DUDEKULA FAYAZ

17	U15EC026	DUDEKULA NOORNIYAZ
18	U15EC027	DUGYALA PREETHI
19	U15EC028	FAHIMA NASREEN S
20	U15EC029	G. VIGNESH
21	U15EC030	GADE MOUNIKA
22	U15EC031	GOKUL.G
23	U15EC032	GORANTLA SRINADH
24	U15EC033	GOWTHAM R
25	U15EC034	GUDIVADA HEMASAGAR
26	U15EC035	GUNDRATHI AJAY KUMAR
27	U15EC036	GURIGINJAKUNTA VISHNU KUMAR
28	U15EC037	GURU PRASAD M
29	U15EC038	INDRA KUMAR SAHU
30	U15EC039	J PHANEENDRANATH
31	U15EC040	JAGALURU THIMMA REDDY
32	U15EC041	JAGARLAMUDI CHAITANYA
33	U15EC042	JAKKU MANIDEEP
34	U15EC043	JAYASURYA K R
35	U15EC044	JETTY SAI SUDHEER
36	U15EC045	JOELTHAMBURAJ D
37	U15EC046	JONNALAGADDA VENKATA MANOJ KUMAR
38	U15EC047	K O HARICHANDANA
39	U15EC048	KADAPA SREENIVASULAREDDY
40	U15EC049	KARAKAVALASA UDAY KUMAR

41	U15EC050	KARICHETI BALAKRISHNA
42	U15EC051	KARNAM MOHITH
43	U15EC052	KARTHICK T
44	U15EC053	KELAM PHANI SHANKAR
45	U15EC054	KISHOR KARTHIK G T
46	U15EC055	KODARAPU MANEESH KUMAR
47	U15EE010	EEGA RAMESH
48	U15EE011	GODDUMARRI PRUTHVIRAJ
49	U15EE012	GOWTHAM K
50	U15EE013	HEMANT KUMAR SAHU
51	U15EE014	JATAVATH SURESH
52	U15EE015	JAYANT KUMAR

  
(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)



SCHOOL OF ELECTRICAL ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms **HEMANT KUMAR SAHU (U15EE013)**  
has attended Value added Course on “**Computational Electromagnetics**”  
organized by the School of Electrical Engineering, BIHER  
conducted from 22-4-2019 to 26-4-2019.

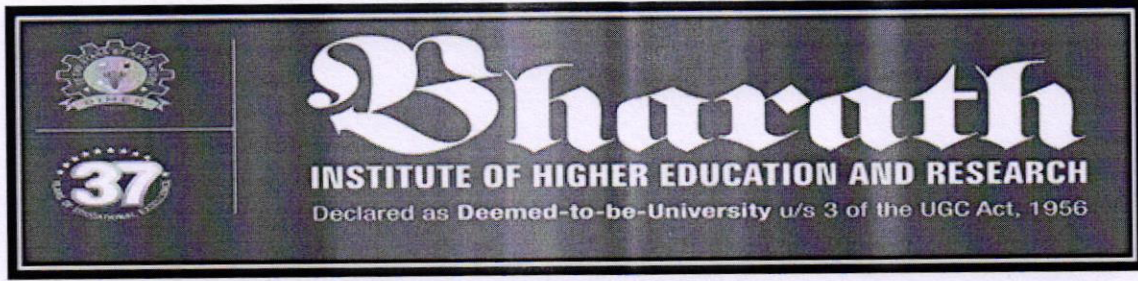
*S. Balaji*

BALAJI S  
COURSE COORDINATOR

*Dr. M. Sangeetha*

Dr.M.SANGEETHA  
CONVENOR



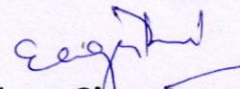


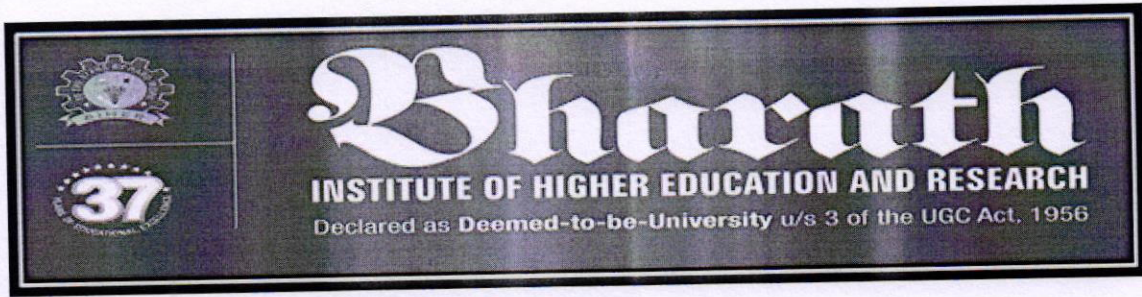
**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE**

**Computational Electromagnetics**

FEED BACK FORM		Date:26-4-2019			
Name	Eega Lamesh.				
Register number	VISEE010.				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					✓
The Speaker				✓	
Audio, Visual Aids Technology used					✓
Presentation hand outs			✓		✓

  
**Student Signature**

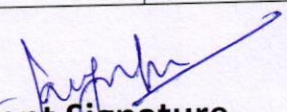


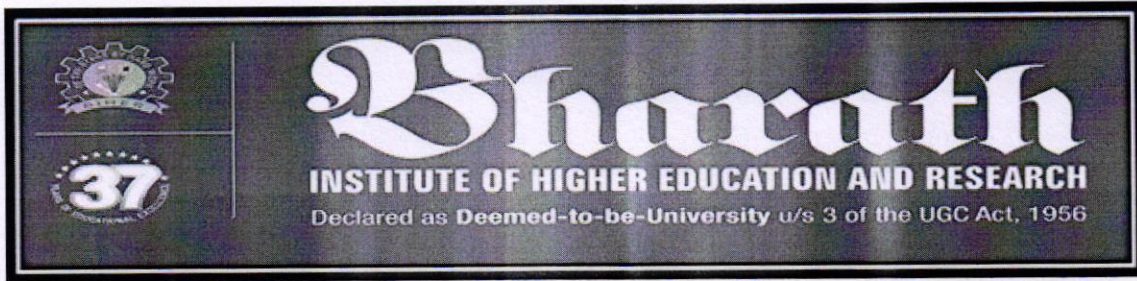
**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE**

**Computational Electromagnetics**

FEED BACK FORM		Date:26-4-2019			
Name	Jayasree . K.R				
Register number	UISEC 043				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
The Speaker					✓
Audio, Visual Aids Technology used				✓	
Presentation hand outs					✓

  
 Student Signature



## SCHOOL OF ELECTRICAL ENGINEERING

Course on Computational Electromagnetics dated on 22-4-2019 conducted by school of Electrical Engineering

