

## SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2019 -2020)

### Certificate Course on HFSS Antenna Design and Simulation

#### Course Objective

To provide an in-depth training in use of HFSS. The course also helps candidates to get acquainted to design and simulation of antenna using HFSS. Antennas are virtually everywhere. From commercial applications such as Smartphone's, RFID tags, and wireless printers, to defense applications such as phased array antennas for aircraft radar systems or autonomous vehicles, to integrated ground-based communication systems. Electromagnetic simulation of antenna design and its interaction with the entire system allows designers to evaluate "what if" real life scenarios.

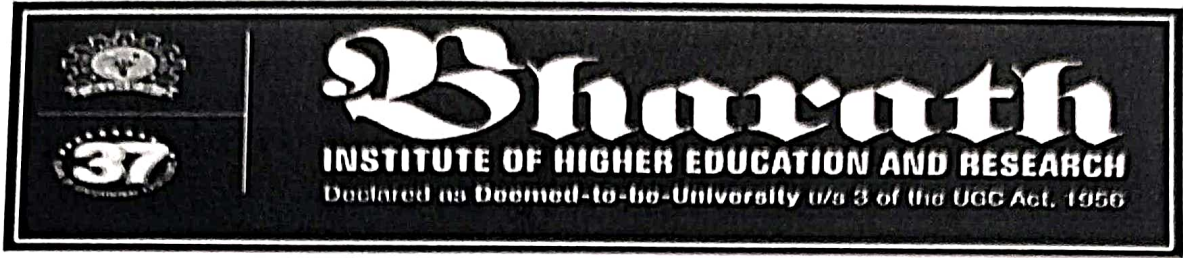
#### **Resource Persons:**

1. Mrs.G.Kanagavalli, Assistant Professor
2. Mrs.Hemalatha, Assistant Professor
3. Dr.M.Sangeetha, HOD

**Convener:**

Dr.M.Sangeetha

HOD/ECE



Requisition Letter

Date: 26.08.2019

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,

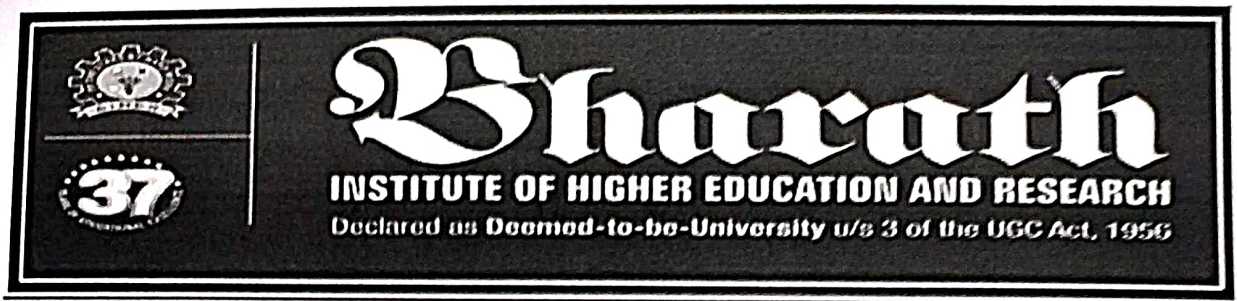
SUB: Requisition for conducting Value Added Course-Regd

School of Electrical Engineering has planned to conduct Value added Course on  
“**Certificate Course on HFSS Antenna Design and Simulation**” on 23.09.2019.  
In this regard we kindly request you to grant permission for the same.

HOD/ECE

Thanking you

Dean Engineering



CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

Date: 17.09.2019

The course on “Certificate Course on HFSS Antenna Design and Simulation” is planned by School of Electrical Engineering which commences on 23.09.2019. 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: G.Kanagavalli**

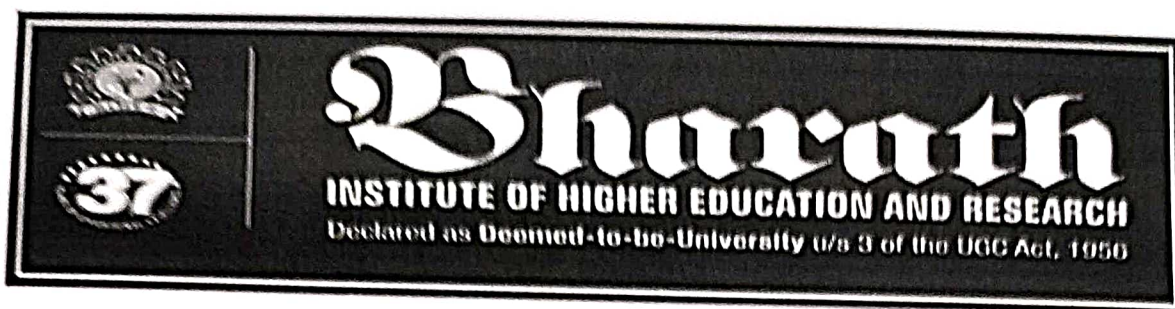
**Contact No: 9551485989**

**Email id : kanagavalli.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**

**Certificate Course on HFSS Antenna Design and Simulation**

**SCHEDULE**

**Contact Hours: 35 hrs**

<b>DATE</b>	<b>SESSION</b>	<b>Contact Hours</b>	<b>TOPICS</b>	<b>Resource person</b>
23-09-2019	FN	9.00 am to 11.30 pm	HFSS Getting Started: Introduction to ANSYS, AEDT, and HFSS FEM	Mrs.G.Kanagavalli
	AN	1.30 pm to 3 pm	Boundaries and Simulation Space	Mrs.Hemalatha
24-09-2019	FN	9.00 am to 11.30 pm	Solution Setup Adaptive Meshing and Frequency Sweep	Dr.M.Sangeetha
	AN	1.30 pm to 3 pm	Post-Processing S-Parameters and Fields	Mrs.G.Kanagavalli
25-09-2019	FN	9.00 am to 11.30 pm	Constructing Parametrized Geometry	Mrs.Hemalatha
	AN	1.30 pm to 3 pm	Ports&Optimetrics	Dr.M.Sangeetha
26-09-2019	FN	9.00 am to 11.30 pm	HFSS Antenna: Introduction	Mrs.G.Kanagavalli
	AN	1.30 pm to 3 pm	Post-Processing&Boundary Conditions	Mrs.Hemalatha
27-09-2019	FN	9.00 am to 11.30 pm	Dynamic Link&Integral Equation Solver	Dr.M.Sangeetha
	AN	1.30 pm to 3 pm	Formulations&Hybrid FEM	Mrs.G.Kanagavalli

**VALUE ADDED COURSE**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Certificate Course on HFSS Antenna Design and Simulation**

**List Of Participants**

**Date: 17.08.2020**

<b>S.No</b>	<b>Register No</b>	<b>Name Of The student</b>
1.	U16EC013	ANCHA KRISHNA REDDY
2.	U16EC014	BUGUDI RAMU
3.	U16EC015	GANJI BHARATHCHANDRA
4.	U16EC016	KATIKERI VENKATESH
5.	U16EC017	KOWSALYA K
6.	U16EC018	UNNAM SIVA KRISHNA
7.	U16EC020	RAUSHAN KUMAR
8.	U16EC021	ALIVELI CHARAN SAI
9.	U16EC022	BASIMALLA MARK RATNA BOSE
10.	U16EC023	THATIKONDA PREM SAI
11.	U16EC024	DASINENI ANUSHA
12.	U16EC025	KOLLUMALLA SHYAM NAGA SRI KIRAN
13.	U16EC026	SUNKU RAM NAVI CHAND
14.	U16EC027	J P HIMAVANTH
15.	U16EC028	THIRIVEEDI SUBBAMMA
16.	U16EC029	PEMMASANI KAVYA
17.	U16EC030	KAMASANI JYOTHI PRAKASH REDDY
18.	U16EC031	PEDINEEDI NAGARJUNA



19.	U16EC032	YANAMALA SREEKANTH REDDY
20.	U16EC033	MOTE KEERTHI
21.	U16EC034	ADDALA KRISHINA VAMSI
22.	U16EC035	GOKARAJU AJAY BABU
23.	U16EC036	MANE CHANDRAKANTH
24.	U16EC037	SANNUTHI VINAY NAGA PRANEETHI
25.	U16EC038	TELLAMEKALA PRADEEP KUMAR
26.	U16EC039	MATTAPALLI SAI SRIKANTH YADAV
27.	U16EC040	PULI NAGANATH REDDY
28.	U16EC041	KOTTRA ANUSHA GOUD
29.	U16EC042	K RADHAKRISHNA
30.	U16EC043	KAPULURI MARUTHI RAO
31.	U16EC044	RAMPRASATH T
32.	U16EC045	KAPULURI VENKATESWARLU
33.	U16EC046	MUNGARA SRIHARIBABU
34.	U16EC047	VEMULA SIVA SANKAR VARAPRASAD
35.	U16EC048	GUDLURU SUMANTH
36.	U16EC049	KUCHULA SAIKUMAR REDDY
37.	U16EC050	KOTA VENKATA SIVA PRASAD REDDY
38.	U16EC051	GANGASANI SAI NANDA GOPAL REDDY
39.	U16EC052	POKALA SUDHARSHAN REDDY
40.	U16EC053	CHINTALA GANESH
41.	U16EC054	TAMATAM HARSHAK REDDY
42.	U16EC055	M DURGAPRASAD
43.	U16EC056	YANDRA SAI VENKAT
44.	U16EC057	AKASH KUMAR C

45.	U16EC058	BHASHAKARLA GOPIKRISHNA
46.	U16EC059	MADDIBOINA GIRI BABU
47.	U16EC060	MASANAM TARUN
48.	U16EC061	N E ANIL KUMAR
49.	U16EC062	KALLURI RAMA KSRISHNA
50.	U16EC063	YALAMANDALA SANDHYA
51.	U16EC064	RACHARLA VENKATNARAYAN
52.	U16EC065	A MAHESH
53.	U16EC066	MARAMREDDY MURALI MOHAN
54.	U16EC067	JIJJARAPU SHIVA
55.	U16EC068	DINESH D
56.	U16EC069	BURLA MALLIKHARJUNA REDDY
57.	U16EC070	KATNAM SAIKUMAR
58.	U16EC071	YANAMALA VASU
59.	U16EC073	IMMADI KARTHIK
60.	U16EC074	VEMIREDDY NARASA REDDY
61.	U16EC075	MANGISHETTI RAVALI
62.	U16EC076	KOMMINENI DHARANI
63.	U16EC077	KAVALA HARI HARSHAVARDHAN
64.	U16EC078	VEMULA BHARATH
65.	U16EC079	POTHURAJU VENKATA NAGA SUBRAMANYAM
66.	U16EC080	SEELAM VISWANATH
67.	U16EC082	ABHISHEK RANJAN
68.	U16EC084	K VISHNU
69.	U16EC085	AJITH A K

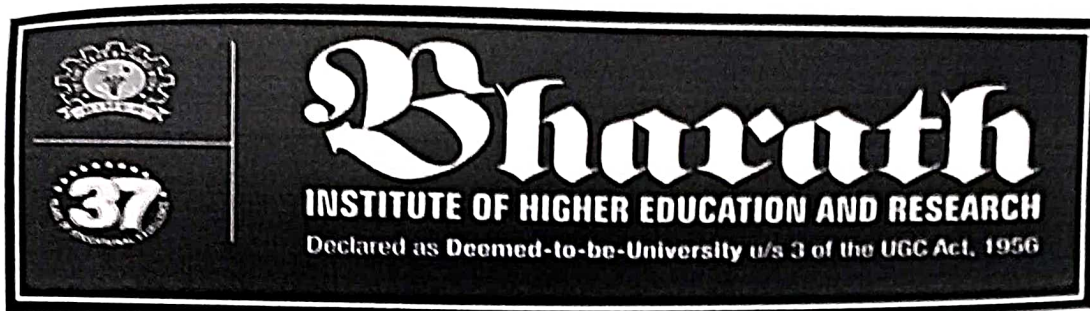
70.	U16EC086	SUNDAR BORO
71.	U16EC087	MOHAMMED MARUF KHAN A
72.	U16EC088	TAMILARASAN N
73.	U16EC089	SARASWATHI REDDY SREE PHANI MONISH
74.	U16EC501	NANDIPATI AJAY REDDY
75.	U16EC503	L JEEVAN SAI KUMAR REDDY



**(Dr.M.Sangeetha)**

**HOD/ECE**





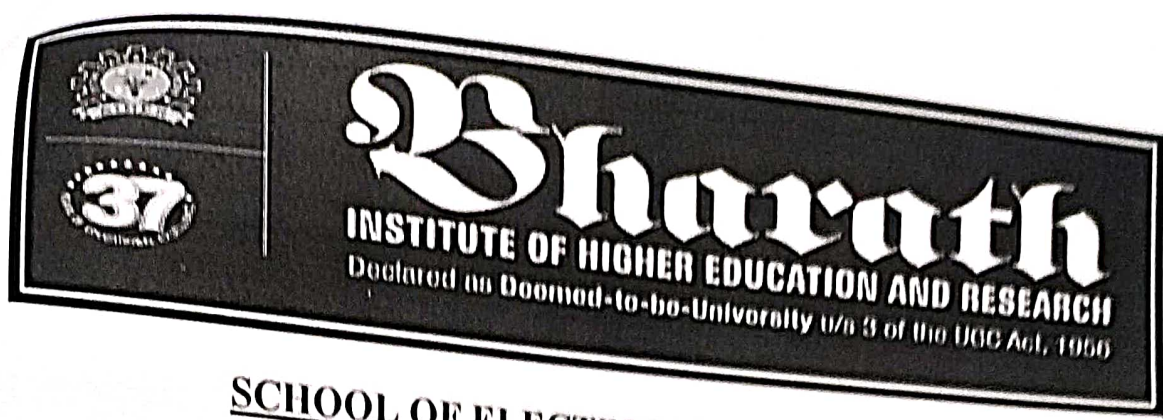
SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

Certificate Course on HFSS Antenna Design and Simulation

FEED BACK FORM		Date: 27/9/2019			
Name	SUNDAR BORO				
Register number	U16EC086				
	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**

**Certificate Course on HFSS Antenna Design and Simulation**

**FEED BACK FORM**

Date 2/19/2019

<b>Name</b>	BOGIUDI RAMU				
<b>Register number</b>	UIBEC014				
	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
<b>Overall Program</b>				✓	
<b>The Speaker</b>				✓	
<b>Audio, Visual Aids Technology used</b>					✓
<b>Presentation hand outs</b>				✓	

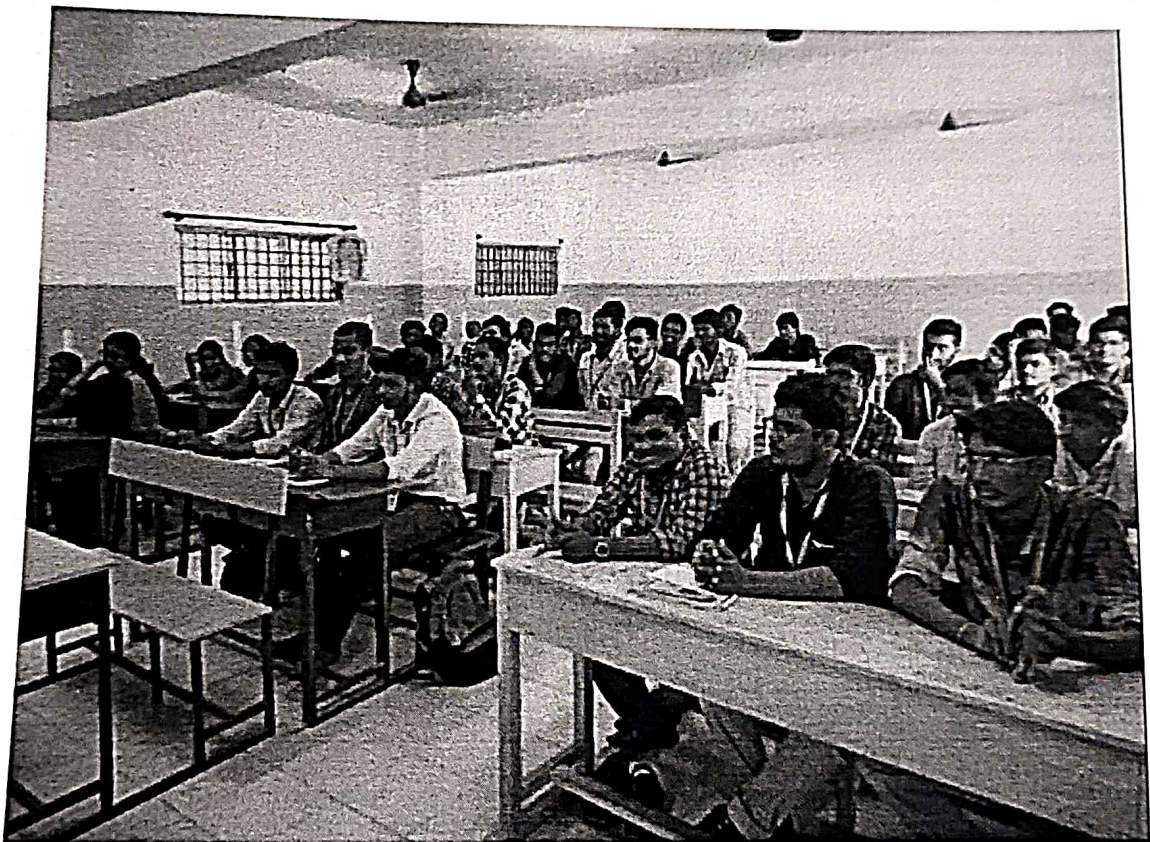
*Bogiudi Ramu*  
**Student Signature**





**SCHOOL OF ELECTRICAL ENGINEERING**

**Course on "Certificate Course on HFSS Antenna Design and Simulation"  
dated on 23.09.2019 conducted by school of Electrical Engineering**







# SShriprath

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



ABET

SCHOOL OF ELECTRICAL ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **RAM PRASATH** has attended Values added Course on "Certificate Course on HFSS Antenna Design and Simulation" Organized by the School of Electrical Engineering, BIHER conducted on 23.09.2019 to 27.09.2019

*G. G. Kanagavalli*  
Ms.G.KANAGAVALLI  
COURSE COORDINATOR

*Dr. M. S. Angetha*  
DR.M.S. ANGETHA  
CONVENOR