

**SCHOOL OF ELECTRICAL ENGINEERING**

**SOLAR PHOTOVOLTAICS  
FUNDAMENTALS, TECHNOLOGY AND  
APPLICATIONS**

**SCHEDULE**

**Contact Hours: 32 hrs**

DATE	SESSI ON	Contact Hours	TOPICS	Resource person
30.10.2019	FN	9.00 am to 12.30 pm	Introduction To solar photovoltaic, Review of Semiconductor Physics, Charge carrier generation and recombination.	Mr.C.Sankara Rajeswaran
	AN	1.30 pm to 4 pm	Device Physics of Solar Cells, Principle of solar energy conversion, Conversion efficiency	Dr.S.Prakash
31.10.2019	FN	9.00 am to 12.30 pm	Numerical solar cell modeling, Crystalline silicon and III-V solar cells	Mrs. S.Anitha
	AN	1.30 pm to 4 pm	Thin film solar cells: Amorphous silicon	Mrs.S.Sherine
1.11.2019	FN	9.00 am to 12.30 pm	Photovoltaic system engineering, Thermo-Photovoltaic generation of electricity, Concentration and storage of electrical energy	Dr. S.Ramamoorthy
	AN	1.30 pm to 4 pm	Photovoltaic modules, system and application, Green energy building	Dr.V.Jayalakshmi
2.11.2019	FN	9.00 am to 12.30 pm	Nanomaterial for photovoltaic, PV panels with nanostructures, Band gap engineering and optical engineering	Dr.S.P.Vjayaragava n
	AN	1.30 pm to 4 pm	Photo thermal cells, Energy Economy and management	Mrs.R.Rathika



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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.

## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

Date: 11.10.19

A value added course on "Solar photovoltaic, fundamentals, technology and applications" is planned by the School of Electrical Engineering on 30/10/2019. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge before 25.10.2019. Course commences on 30.10.2019 and it would be conducted for five days (30/10/2019 to 02/11/2019) from 9.00 AM to 4.00 P.M.

  
HOD

Copy to  
Department of ECE  
Notice Board/ Department of EEE





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## SCHOOL OF ELECTRICAL ENGINEERING

### VALUE ADDED COURSE - SOLAR PHOTOVOLTAIC, FUNDAMENTALS, TECHNOLOGY AND APPLICATIONS

FEEDBACK FORM		Date: 30/10/2019				
Name	Golla Aravind					
Register Number	U18EE022					
Phone Number	79999 35 849					
Email address	gollaaravind26@gmail.com					
	Poor	Fair	Good	Very Good	Excellent	
Overall Program			✓			
Resource person				✓		
Audio visual aids & Technology used			✓			
Presentation Handouts					✓	

Student's Signature



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**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

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## Requisition Letter

Date: 30.10.19

From  
Dr.S, Prakash, Professor &  
Head, Department of EEE,  
Bharath Institute of Higher Education and Research,  
Chennai

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

Respected sir

Subject: Request of Permission to conduct a value added course on **“Solar photovoltaic, fundamentals, technology and applications”** -Reg

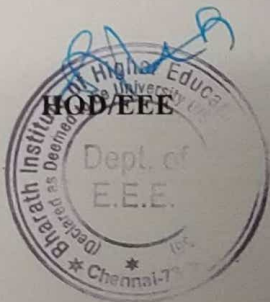
With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course on **“Solar photovoltaic, fundamentals, technology and applications”** in our campus premises on 30/10/2019.

**Dr. Mr.C.Sankara Rajeswaran, Design Engineer, Live Wire Pvt Ltd, Chennai** would deliver lecture for the above mentioned course. 60 students would be participating in this course. We request you kindly to give permission to organize this event.

Venue: **EEE seminar Hall**

Timing : **9 am to 4 pm**

Submitted to Principal for approval to organize this value added course.



DEAN ENGINEERING



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**SCHOOL OF ELECTRICAL ENGINEERING  
VALUE ADDED COURSE FOR YEAR (2019-  
2020) COURSE ON SOLAR PHOTOVOLTAIC,  
FUNDAMENTALS, TECHNOLOGY AND  
APPLICATIONS**

S.NO	REGISTER NUMBER	STUDENTS NAME
1.	U18EE002	NAVEEN KUMAR S .
2.	U18EE003	SURJITH J .
3.	U18EE005	ADIVIREDDY BINDHU SAGAR .
4.	U18EE007	GAJJALA SIDDI SAI KUMAR REDDY .
5.	U18EE008	CHINNAKUDUMALA GIRIPRASAD REDDY .
6.	U18EE009	BULLE PARASURAM .
7.	U18EE010	BHUKYA GALAXY SAI SUDHA .
8.	U18EE012	CHANUBOINA VENU GOPAL .
9.	U18EE013	JOTHISH V .
10.	U18EE014	MAHAMKALI KRISHNA CHARI .
11.	U18EE002	NAVEEN KUMAR S .
12.	U18EE003	SURJITH J .
13.	U18EE005	ADIVIREDDY BINDHU SAGAR .
14.	U18EE014	MAHAMKALI KRISHNA CHARI .
15.	U18EE015	KARNATI SAI KRISHNA .
16.	U18EE017	DONTHABHAKTUNI TEJOVRATH .
17.	U18EE018	DASARI SATHEESH KUMAR REDDY .
18.	U18EE019	SIDDI HEMANTH REDDY .
19.	U18EE020	NELLORE VIVEK .
20.	U18EE021	BILLMARK ANTONY M .
21.	U18EE022	GOLLA ARAVIND .
22.	U18EE023	NIMMAGADLA SRAVANTH SRI RAJA .
23.	U18EE024	REDDYBODIREDDYGARI SWAMY REDDY .
24.	U18EE025	SONGA PRAVEENKUMAR .
25.	U18EE026	JARUPULA MYNA .
26.	U18EE027	GOPAVARAM NITHISH KUMAR .
27.	U18EE028	SHIVAM KUMAR .
28.	U18EE029	JONNALAGADDA ANUPAM .

29.	U18EE030	VIKASH KUMAR PATEL .
30.	U18EE033	PONRAJ Y
31.	U18EE501	ROBIN S
32.	U18EE701	TASVEEN FAROOK
33.	U18EE702	YELUGURI ARAVIND
34.	U18EE703	NAVEENRAJ E
35.	U18EE704	BHUMIREDDY PAVAN KUMAR REDDY
36.	U18EE705	SYED FAIROSE S
37.	U18EE706	VARTHYA SAICHARAN SAICHARAN
38.	U18EE707	CHADA RUTHVIK REDDY
39.	U18EE708	KAILASH S
40.	U18EE709	SUBASH G
41.	U18EE710	PREMKUMAR S
42.	U18EE711	MHAKEVILIE KERA
43.	U18EE712	HARIHARAN S
44.	U18EE713	VUYYURU VENKATA NAGA SAI SRUJAN MANICHAND
45.	U18EE714	NANDHA KUMAR D
46.	U18EE715	MOHAMMAD SAMEER SOHAIL
47.	U18EE717	HEIMONMI AMKHLOO
48.	U18EE718	BANRAP BORLANG MARBANIANG
49.	U18EE719	KIVIHKA K ZHIMO
50.	U19EE001	AKASH S
51.	U19EE002	AKUTHOTA MARUTHI VARAPRASAD
52.	U19EE003	BHASKARI AKSHAY
53.	U19EE004	BHUKYA BHANU KIRAN
54.	U19EE005	BOMMA NITHIN KUMAR
55.	U19EE006	DADE KOTESWAR RAO
56.	U19EE007	GAJJALA SRINATH REDDY
57.	U19EE008	GUDA PAVAN SAI
58.	U19EE009	GUNJI PAVAN KUMAR
59.	U19EE010	KAMALA KANNAN R
60.	U19EE011	KAMISSETTY SAI MANISH



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**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr / Ms NAVEEN KUMAR S (U18EE002)  
has attended Value added Course On **“Solar  
photovoltaic, Fundamentals, technology and applications”**  
organized by the School of Electrical Engineering, BIHER  
conducted from **30/10/2019 to 2/10/2019**

*SX*

COURSE COORDINATOR

*ANAR*

CONVENOR



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**

**ENGINEERING**

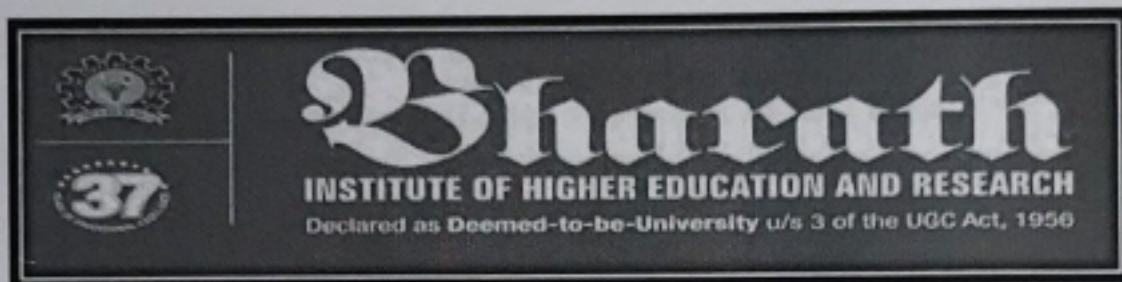
**VALUE ADDED COURSES**

**2019-2020**

VAC on “Solar photovoltaic, Fundamentals, technology and applications” by Mr. C.Sankara Rajeswaran, Design Engineer, Live Wire Pvt Ltd, Chennai on 30.10.2019.







**SCHOOL OF ELECTRICAL ENGINEERING**  
**BIOENERGY FOR REAL TIME APPLICATION**  
**SCHEDULE**

**Contact Hours: 32 hrs**

DATE	SESSI ON	Contact Hours	TOPICS	Resource person
18.12.2019	FN	9.00 am to 12.30 pm	Introduction to bioenergy, Strengths and Future Challenges	Dr. S.Ramamoorthy
	AN	1.30 pm to 4 pm	Basics of bio energy for real time applications	Dr.S.Prakash
19.12.2019	FN	9.00 am to 12.30 pm	Basics of biomass technology & biomass resources	Mrs. S.Anitha
	AN	1.30 pm to 4 pm	Basics of Biofuels I,II&III	Mrs.S.Sherine
20.12.2019	FN	9.00 am to 12.30 pm	Introduction about Bio-power I	Dr. S.Ramamoorthy
	AN	1.30 pm to 4 pm	Biofuels and Bio products Produced through Microbial Conversion of Biomass	Dr.V.Jayalakshmi
21.12.2019	FN	9.00 am to 12.30 pm	Bio electrochemistry of Microbial Fuel Cells	Dr.S.P.Vjayaragava n
	AN	1.30 pm to 4 pm	Explanation about Potential Applications in Bioenergy	Mrs.R.Rathika
23.12.2019	FN	9.00 am to 12.30 pm	Bioenergy distribution & end use for a sustainable future	Dr.Muthamizhan
	AN	1.30 pm to 4 pm	Recent Advancements in Pretreatment Technologies of Biomass to Produce Bioenergy	Dr. S.Ramamoorthy



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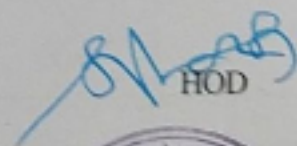
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

Date: 1.12.19

A value added course on “Bio energy for real time applications” is planned by the School of Electrical Engineering on 18/12/2019. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge before 12.12.2019. Course commences on 18.12.2019 and it would be conducted for five days (18/12/2019 to 23/12/2019) from 9.00 AM to 4.00 P.M.

  
HOD



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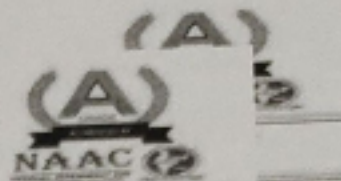
Department of ECE

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**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE - BIO ENERGY FOR REAL TIME APPLICATIONS**

FEEDBACK FORM		Date: 18/12/2019				
Name	Nagati Gopi Krishna					
Register Number	U19EE205					
Phone Number	7095048144					
Email address	Nagati.gopi.krishna30@gmail.com					
	Poor	Fair	Good	Very Good	Excellent	
Overall Program				✓		
Resource person				✓		
Audio visual aids & Technology used					✓	
Presentation Handouts			✓			

**Student's Signature**