

Hindustan College of Science & Technology, Farah, Mathura
Department of Electrical and Electronics Engineering

HCST/EE/ 2018/ ODD

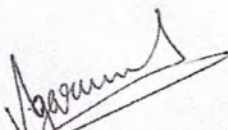
Date: 25/07/2018

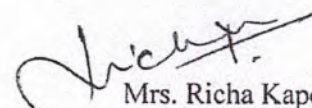
NOTICE

All the students are hereby informed that the department of Electrical and Electronics Engineering is going to organize a training course in “**Solar Technology**” (30 hrs. teaching+ practice session) in the department from 04-08-2018.

Registration will be open from **25 July, 2018 to 30 July, 2018**. Please insure that you complete your registration within this time frame.

For any further any inquiries or clarifications regarding registration, kindly reach out Mr. Sunil Pathak, Office Staff, department of EEE.


Mr. Vivek Agrawal
Course Coordinator


Mrs. Richa Kapoor
HOD, EEE, Deptt.

Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Value Added Course
VEE1801 – SOLAR TECHNOLOGY

4th AUG '2018– 1st DEC 2018 - Every Saturday: 3:00 PM – 5:00 PM

Students From Any Branch Can Join the Course



By

Mr. Vivek Agrawal
Assistant Professor, Electrical & Electronics Engineering
Research Interest: Control System

Registration Dates
25th Jul 2018 – 30th Jul 2018

For Registration: Please contact
Mr. Sunil Pathak, Office Staff, Department of EEE

Prerequisites: Basics Electrical Engineering

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Value Added Course
VEE1801 – SOLAR TECHNOLOGY

4th AUG '2018 – 1st DEC 2018 - Every Saturday: 3:00 PM – 5:00 PM

Course Objectives

The main objective of this value added course are as follows:

- 1) Understand the fundamental principles of solar energy and its conversion to electrical power.
- 2) Explore different types of solar panels and their working mechanisms.
- 3) Learn about the components and design considerations of solar photovoltaic systems.
- 4) Gain hands-on experience in solar panel installation, wiring, and troubleshooting.
- 5) Analyze the economic and environmental aspects of solar energy.
- 6) Stay updated with the latest advancements in solar technology and future trends.

Course Syllabus

Units	Details	Course Out comes
1	Introduction to Solar Energy : Overview of renewable energy sources, solar radiation and its measurement, Solar energy conversion technologies, Photovoltaic effect and solar cell operation, Environmental and economic benefits of solar energy	CO1
2	Solar Panel Technology : Types of solar panels: monocrystalline, polycrystalline, thin-film, etc., Construction and working principles of solar panels, Efficiency, power output, and degradation of solar panels, Factors affecting solar panel performance, Comparison of different solar panel technologies	CO2
3	Solar Photovoltaic Systems : System components: solar panels, inverters, charge controllers, batteries, etc., System design considerations: load estimation, sizing, shading analysis, Grid-tied vs. off-grid systems, Performance monitoring and maintenance of solar PV systems, Safety protocols and regulations for solar installations	CO3
4	Solar Panel Installation and Troubleshooting : Hands-on installation of solar panels on various surfaces, Mounting techniques and wiring practices, Electrical safety and code compliance, Testing and commissioning of solar PV systems, Troubleshooting common issues in solar installations	CO4
5	Advanced Topics and Future Trends : Emerging technologies in solar energy, Energy storage solutions for solar systems, Integration of solar power with smart grids, Policy and market trends in the solar industry, Research and development opportunities in solar technology	CO5

Prerequisites: Basic Electrical Engineering

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Value Added Course
VEE1801 – SOLAR TECHNOLOGY

4th AUG '2018 – 1st DEC 2018 - Every Saturday: 3:00 PM – 5:00 PM

Course Outcomes

- CO1** Students will gain a comprehensive understanding of the fundamental principles underlying solar energy, including the behavior of photons, the conversion of sunlight into electricity, and the various types of solar technologies.
- CO2** Students will learn how to design and analyze solar systems, including photovoltaic (PV) systems and solar thermal systems. They will acquire the necessary skills to assess the energy requirements, evaluate site conditions, determine system sizing, and optimize the performance of solar installations.
- CO3** Students will develop the ability to assess the solar energy potential of different locations. They will learn how to analyze solar radiation data, evaluate shading effects, and calculate the expected energy output of solar systems in order to make informed decisions regarding system deployment.
- CO4** Students will explore the integration of solar technology with existing energy systems, such as the electrical grid and buildings. They will learn about the challenges and opportunities associated with grid-tied solar systems, net metering, energy storage, and the incorporation of solar energy into building design and construction.
- CO5** The course will cover the broader aspects of solar technology, including its environmental sustainability and the policy frameworks that govern its implementation.

CO-PO Mappings

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3												2	3
CO2	3	3	3										3	2
CO3	3	3	3		3	3						3	3	3
CO4	3	3	3		3	3						3	3	3
CO5	3	3	3		3	3						3	3	3
Average	3	3	3		3	3						3	3	2.8

Evaluation Criteria: 1. Evaluation of Practical assignments, Group project, Viva/Quiz

[Handwritten signature]

[Handwritten signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

[Handwritten signature]
Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH -MATHURA
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Value Added Course
VEE1801 – SOLAR TECHNOLOGY



4th AUG '2018 – 1st DEC2018- Every Saturday: 3:00 PM – 5:00 PM

Program Schedule

Session	Date	Time	No of Hours	Session Topic	Resource Person
1	04/08/18	3:00 PM - 5:00 PM	2	Introduction to Solar Energy	Mr. Vivek Agrawal
2	11/08/18	3:00 PM - 5:00 PM	2	Photovoltaic (PV) Cells and Modules	Mr. Vivek Agrawal
3	18/08/18	3:00 PM - 5:00 PM	2	Solar Panel Design and Installation	Mr. Vivek Agrawal
4	25/08/18	3:00 PM - 5:00 PM	2	Solar Energy Conversion Systems	Mr. Vivek Agrawal
5	01/09/18	3:00 PM - 5:00 PM	2	Solar Power Electronics	Mr. Vivek Agrawal
6	15/09/18	3:00 PM - 5:00 PM	2	Solar Resource Assessment and Site Analysis	Mr. Vivek Agrawal
7	22/09/18	3:00 PM - 5:00 PM	2	Solar Thermal Systems	Mr. Vivek Agrawal
8	29/09/18	3:00 PM - 5:00 PM	2	Concentrated Solar Power (CSP)	Mr. Vivek Agrawal
9	06/10/18	3:00 PM - 5:00 PM	2	Solar Energy Storage	Mr. Vivek Agrawal
10	13/10/18	3:00 PM - 5:00 PM	2	Solar System Economics and Policy	Mr. Vivek Agrawal
11	27/10/18	3:00 PM - 5:00 PM	2	Solar Energy Integration and Grid Interconnection	Mr. Vivek Agrawal
12	03/11/18	3:00 PM - 5:00 PM	2	Solar Energy Applications	Mr. Vivek Agrawal
13	10/11/18	3:00 PM - 5:00 PM	2	Solar Energy in Developing Countries	Mr. Vivek Agrawal
14	17/11/18	3:00 PM - 5:00 PM	2	Solar Energy and the Environment	Mr. Vivek Agrawal
15	24/11/18	3:00 PM - 5:00 PM	2	Emerging Trends in Solar Technology	Mr. Vivek Agrawal
16	01/12/18	3:00 PM - 5:00 PM	2	Solar Energy Conversion Systems	Mr. Vivek Agrawal
Total Number of Hours covered			32		

[Handwritten signature]

[Handwritten signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

[Handwritten signature]
Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura

Hindustan College of Science and Technology - Mathura

Electrical and Electronics Department

CLASS TIME TABLE FOR ODD SEMESTER 2018-19

SESSION: 2018-19

W.E.F : 1/8/2018

CLASS TEACHER: Mr. Avnish Singh

YEAR/SEM-SEC: 2nd Year/ IIIrd

ROOM.NO : 108

COUNSELLORS : Mr. Avnish Singh

Time / Day	I	II	III	IV	V	VI	VII	VIII				
	10:10 TO 11:00	11:00 TO 11:50	11:50 TO 12:40	12:40 TO 01:30	01:30 TO 02:20	02:20 TO 03:00	03:00 TO 04:00	04:00 TO 05:00				
MONDAY	BSS	Maths	HVPE	EMI	LUNCH	ADE (T)	EM- Lab					
	Avnish Singh	Dr. M.P.S.	Dr. Mamta Sharma	Dr. SANJEEV KUMAR		Honey Kumar	Vineet Kumar					
	108	108	108	108		108	106					
TUESDAY	Maths	PDP		ADE		LUNCH	EEEM	Electronics Lab				
	Dr. M.P.S.			Honey Kumar			VINEET KUMAR	Honey Kumar				
	108			108			108	305				
WEDNESDAY	ADE	BSS	HVPE	EEEM			LUNCH	Maths (T)	HVPE			
	Honey Kumar	Avnish Singh	Dr. Mamta Sharma	VINEET KUMAR				Dr. M.P.S.	Dr. Mamta Sharma			
	108	108	108	108				108				
THURSDAY	EEEM	Maths	BSS	EMI		LUNCH		Electrical Workshop Lab		BSS		
	VINEET KUMAR	Dr. M.P.S.	Avnish Singh	Dr. SANJEEV KUMAR				Avnish Singh		Avnish Singh		
	108	108	108	108				101	108			
FRIDAY	ADE	BSS (T)	HVPE	EEEM				LUNCH	PDP		EMI	
	Honey Kumar	Avnish Singh	Dr. Mamta Sharma	VINEET KUMAR							Dr. SANJEEV KUMAR	
	108	108	108	108	108							
SATURDAY	ADE	EMI	Simulation Lab - I Avnish Singh 110		LUNCH				Maths	Value Added Course		
	Honey Kumar	Dr. SANJEEV KUMAR							Dr. M.P.S.	Mr. Vivek Agarwal		
	108	108							108	101		
Name of the Subject			Subject Code	Name of the Faculty					Total No. of Lect./Tut./Practical			
									Lect.	Tut.	Pract.	
Analog & Digital Electronic (ADE)			REC309	Mr. Honey Kumar			4		1	0		
Electrical Measurement & Instrumentation (EMI)			REE302	Dr. Sanjeev Kumar			4		0	0		
Basic System System (BSS)			REE303	Mr. Avnish Singh			4		1	0		
Mathematics(Maths.)			RAS301	Dr. M.P. Singh		4	1		0			
Universal Human Values & Professional Ethics			RVE301	Dr. Mamta Sharma		3	0		2			
Electrical & Electronics Engineering Materials			REE301	Mr. Vineet Kumar		4	0		0			
Electrical Workshop Lab			REE351	Mr. Avnish Singh				2				
EMI Lab			REE352	Mr. Vineet Kumar				2				
Simulation Lab - I			REE353	Mr. Avnish Singh				2				
Electronics Lab			REC359	Mr. Honey Kumar			2					
Value Added Course			VEE 1801	Mr. Vivek Agarwal			2					
PDP				T & D Deptt.			4					

Avnish
AVNISH SINGH
Time Table Incharge

Avnish
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Dr. Richa Kapoor
HOD, EE
Richa Kapoor
Head
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Farah, Mathura

Hindustan College of Science and Technology - Mathura

Electrical and Electronics Engineering Department

CLASS TIME TABLE FOR ODD SEMESTER 2018-19

SESSION: 2018-19

W.E.F : 1/08/18

CLASS TEACHER: Dr. Sanjeev Kumar

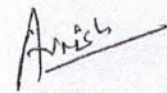
YEAR/SEM-SEC3rd Year/ Vth Sem

ROOM.NO : 107

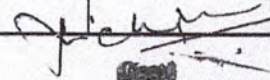
COUNSELLORS : DR. Sanjeev Kumar

Time / Day	I	II	III	IV	V	VI	VII	VIII
	10:10 TO 11:00	11:00 TO 11:50	11:50 TO 12:40	12:40 TO 01:30	01:30 TO 02:20	02:20 TO 03:00	03:00 TO 04:00	04:00 TO 05:00
MONDAY	PTD SANJEEV KUMAR 107	CYB SEC T. Senthil 107	EM-II RICHHA KAPOOR 107	PCS Vineet Kumar 107	LUNCH	CS-Lab Avnish Singh 111		ME Rajkumari 107
	PTD SANJEEV KUMAR 107	CYB SEC T. Senthil 107	EM-II RICHHA KAPOOR 107	ME Rajkumari 107		CS Avnish Singh 108	PCS Vineet Kumar 107	CS (T) Avnish Singh 108
	PTD SANJEEV KUMAR 107	CYB SEC T. Senthil 107	EM II LAB RICHHA KAPOOR 109			PDP		PCS (T) Vineet Kumar 107
THURSDAY	CS Avnish Singh 107	PDP		EM-II RICHHA KAPOOR 107		PCS Vineet Kumar 107	PTD SANJEEV KUMAR 107	ME Rajkumari 107
	CS Avnish Singh 107	CYB SEC T. Senthil 107	SBPS-Lab Sanjeev Kumar 110			ME Rajkumari 107	EM-II RICHHA KAPOOR 107	PTD (T) SANJEEV KUMAR 107
	PCS VINEET KUMAR 107	CS Avnish Singh 108	SEMINAR-I RICHHA KAPOOR 110			EM-II (T) RICHHA KAPOOR 107	Value Added Course Mr. Vivek Agarwal 101	

Name of the Subject	Subject Code	Name of the Faculty	Total No. of Lect./Tut./Practical		
			Lect.	Tut.	Pract.
Principles of Communication System(PCS)	REE052	Mr. Vineet Kumar	4	1	0
Control System (CS)	REE503	Mr. Avnish Singh	4	1	0
Power Transmission & Distribution (PTD)	REE502	Dr. Sanjeev Kumar	4	1	0
ELECTRICAL MACHINES II	REE501	Dr. Richa Kapoor	4	1	0
Cyber Security	RUC501	Mr. T. Senthil	4	0	0
Managerial Economics (ME)	RAS501	Dr. Rajkumari	4	0	0
Software Based Power System Lab	REE554	Dr. Sanjeev Kumar			2
Control system Lab	REE553	Mr. Avnish Singh			2
Electrical Machines II Lab	REE551	Dr. Richa Kapoor			2
Seminar-I	REE555	Dr. Richa Kapoor			2
Value Added Course	VEE 1801	Mr. Vivek Agarwal			2
PDP		T & D Deptt.			4


Mr. Avnish Singh
Time Table Incharge


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology
Dr. Richa Kapoor
HOD, EE

Hindustan College of Science and Technology - Mathura

Department Name: Electrical & Electronics Engg.

CLASS TIME TABLE FOR ODD SEMESTER 2018-19

SESSION: 2018-19

W.E.F : 01/8/18

CLASS TEACHER: Mr. Vineet Kumar

YEAR/SEM-SEC: 4th /7th SEM A

ROOM.NO : 104

COUNSELLORS : Mr. Vineet Kumar

Time / Day	I	II	III	IV	V	VI	VII	VIII	
	10:10 TO 11:00	11:00 TO 11:50	11:50 TO 12:40	12:40 TO 01:30	01:30 TO 02:20	02:20 TO 03:00	03 TO 04:00	04:00 TO 05:00	
MONDAY	ADC	PDP		LUNCH	QM	ED	PSP (T)	PSOC	
	HIMANSHU RAJPUT				ROHIT MITTAL	VINEET KUMAR	RICHA KAPOOR	SANJEEV KUMAR	
	104				104	104	104		
TUESDAY	ED	PSP	PSOC		ADC	QM	INDUSTRIAL RICHA KAPOOR 104		
	VINEET KUMAR	RICHA KAPOOR	SANJEEV KUMAR		HIMANSHU RAJPUT	ROHIT MITTAL			
	104	104	104		104	104			
WEDNESDAY	ED	ADC LAB HIMANSHU RAJPUT			QM	ADC	PSP	PSOC	
	VINEET KUMAR				ROHIT MITTAL	HIMANSHU RAJPUT	RICHA KAPOOR	SANJEEV KUMAR	
	104				104	104	104		
THURSDAY	PSOC	PSP	ED		ADC (T)	PDP			QM (T)
	SANJEEV KUMAR	RICHA KAPOOR	VINEET KUMAR	HIMANSHU RAJPUT	mechanical				
	104	104	104	104					
FRIDAY	ADC	QM	PSP	PS LAB AVNISH SINGH 106		PSOC (T) SANJEEV KUMAR 104		ED (T)	
	HIMANSHU RAJPUT	ROHIT MITTAL	RICHA KAPOOR					VINEET KUMAR	
	104	104	104					104	
SATURDAY	PROJECT			PROJECT		Value Added Course Mr. Vivek Agarwal 101			

Name of the Subject	Subject Code	Name of the Faculty	Total No. of Lect./Tut./Practical in Subject		
			Lect.	Tut.	Pract.
Electric Drives	NEN 701	Mr. VINEET KUMAR	4	1	0
Power System Practice	NEN 702	Dr. RICHA KAPOOR	4	1	0
Power System Operation and Control	NEN 031	Dr. SANJEEV KUMAR	4	1	0
Analog & Digital Communication	NEC 702 A	Mr. HIMANSHU RAJPUT	4	1	0
Quality Management	NOE 072	Mr. Rohit Mittal	4	1	0
Power system LAB	NEN 751	Mr. AVNISH SINGH			2
ADC Lab	NEC 752 B	Mr. HIMANSHU RAJPUT			2
Industrial Training	NEN 753	Dr. RICHA KAPOOR			2
Project	NEN754	Dr. RICHA KAPOOR			6
Value Added Course	VEE1801	Mr. Vivek Agarwal			2
PDP		T & D Deptt.			4

Avnish
Avnish Singh
Time Table Incharge

[Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

[Signature]
Dr. Richa Kapoor
HOD, EE
Dept. of Electrical & Electronics Engg.
Hindustan College of Science & Technology

Hindustan College of Science & Technology

Department of Electrical & Electronics Engineering

Value Added Course - Registration Form

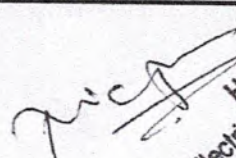
Course Name: Solar Technology Course Code: VEE1801

Session 2018-19			From August 2018 to December 2018		
Sr. No.	Roll No.	Name	Dept	Sem	Signature of Student
1	1706421001	ABHAY YADAV	EEE	III	Abhay Yadav
2	1706421002	ADITYA MAURYA	EEE	III	Aditya
3	1706421003	AKASH	EEE	III	Akash
4	1706421005	ANKUSH RISHI	EEE	III	Ankush
5	1706421006	AVADH KUMAR SRIVASTAVA	EEE	III	Avadh
6	1706421007	DHRUV PATHAK	EEE	III	Dhruv Pathak
7	1706421008	ANKITA SINGH	EEE	III	Ankita
8	1706421010	MANISH YADAV	EEE	III	Manish
9	1706421011	MAYANK ANAND	EEE	III	Mayank
10	1706421012	PAWAN PRAKASH GAUTAM	EEE	III	Pawan
11	1706421013	PRAJWAL BHARDWAJ	EEE	III	Prajwal
12	1706421014	RADHIKA SHARMA	EEE	III	Radhika
13	1706421015	RISHABH SKUKLA	EEE	III	Rishabh
14	1706421016	ROHIT KUMAR	EEE	III	Rohit
15	1706421017	SHIVANI SINGH	EEE	III	Shivani Singh
16	1706421018	UTKARSH KUMAR SINGH	EEE	III	Utkarsh
17	1706421019	UTKARSH NIGAM	EEE	III	Utkarsh
18	1706421020	VAIBHAV TIWARI	EEE	III	Vaibhav
19	1706421021	VISHAKHA BHARDWAJ	EEE	III	Vishakha
20	1606421001	ABHISHEK PRATAP SINGH	EEE	V	Abhishek
21	1606421002	AJAY SINGH	EEE	V	Ajay
22	1606421003	AJEET RATHOR	EEE	V	Ajeet
23	1606421004	AKASH DEEP	EEE	V	Akash
24	1606421005	AKASH KUMAR	EEE	V	Akash
25	1606421006	ALISHA SHAMSI	EEE	V	Alisha
26	1606421007	ALOK KUMAR SHARMA	EEE	V	Alok
27	1606421008	AMAN SHARMA	EEE	V	Aman Sharma
28	1606421009	ARJUN UPADHYAY	EEE	V	Arjun
29	1606421010	ASHISH SINGH	EEE	V	Ashish
30	1606421012	DESY NIMESH	EEE	V	Desy Nimesh
31	1606421013	GAURAV GARG	EEE	V	Gaurav
32	1606421014	HARIOM DHAKREY	EEE	V	Megha
33	1606421016	MAYANK PAL	EEE	V	Mayank
34	1606421017	MEGHA GUPTA	EEE	V	Megha
35	1606421018	MOHIT VERMA	EEE	V	Mohit
36	1606421020	PARTH SAXENA	EEE	V	Parth

Pray
Head of Department
Electrical & Electronics Engineering
Hindustan College of Science & Technology
Farah, Mathura

V. Garg
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of Science & Technology, Farah, Mathura				
Department of Electrical & Electronics Engineering				
Value Added Course - Registration Form				
Course Name: Solar Technology Course Code: VEE1801				
Session 2018-19			From August 2018 to December 2018	
Sr. No.	Roll No.	Name	Dept	Sem
1	1506421001	ANJALI KISHOR	EEE	VII
2	1506421002	AQUEB SHAHAB BARI	EEE	VII
3	1506421003	ASHNA JAIN	EEE	VII
4	1506421004	ATUL RAJPOOT	EEE	VII
5	1506421005	AVINASH CHANDRA SHARMA	EEE	VII
6	1506421007	CHARU SAXENA	EEE	VII
7	1506421008	DEEPENDRA SINGH TOMAR	EEE	VII
8	1506421011	GARIMA SHARMA	EEE	VII
9	1506421012	GAURAV BHARTI	EEE	VII
10	1506421013	HEMANT MANGAL	EEE	VII
11	1506421014	JYOTI SINGH	EEE	VII
12	1506421015	KAPIL KUMAR	EEE	VII
13	1506421016	LAWRENCE SUDHAKAR	EEE	VII
14	1506421017	MAHESH KUMAR	EEE	VII
15	1506421018	MOHD TAUQUIR ALAM	EEE	VII
16	1506421020	PRAFULL KUMAR	EEE	VII
17	1506421021	PRAVEEN SHARMA	EEE	VII
18	1506421022	SHAURABH	EEE	VII
19	1506421023	SHUBHAM GAUR	EEE	VII
20	1506421024	SHUBHAM SINGH	EEE	VII
21	1506421025	TARUN KUMAR	EEE	VII
22	1506421027	TUSHAR JAISWAL	EEE	VII
23	1506421028	VIPUL KUMAR	EEE	VII
24	1606421901	MRAGANG SARASWAT	EEE	VII
25	1606421903	ROHIT AGRAWAL	EEE	VII
26	1606421902	RADHA YADAV	EEE	VII
27	1500321008	KRITARTH DWIVEDI	EEE	VII


 Head of Department
 Electrical & Electronics Engineering
 Hindustan College of Science & Technology
 Farah, Mathura


 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

37	1606421021	PRASHANT KUMAR TIWARI	EEE	V	Prashant Kumar
38	1606421022	ROHIT SINGH	EEE	V	Rohit
39	1606421023	SACHIN KUMAR SINGH	EEE	V	Sachin
40	1606421024	SANCHIT GARG	EEE	V	Sachin
41	1606421026	SHUBHAM SARASWAT	EEE	V	Shubham
42	1606421027	SHUBHAM SAXENA	EEE	V	Shubham
43	1606421028	SOMNATH MUDGAL	EEE	V	Somnath
44	1606421031	VISHESH RATAN	EEE	V	Vishesh
45	1606421032	VISHVENDRA SINGH	EEE	V	Vishvendra Singh
46	1606421033	YASH SRIVASTAVA	EEE	V	Yash
47	1706421901	PANKAJ KUMAR	EEE	V	Pankaj Kumar

Tika
Head of Department
Electrical & Electronics Engineering
Hindustan College of Science & Technology
Farah, Mathura

Vijay

Ch...
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of Science & Technology

Department of Electrical & Electronics Engineering

Value Added Course - Attendance Sheet

Course Name: Solar Technology Course Code:VEE1801

Session 2018-19 (Year-2018)

Session wise Attendance Sheet

S. No.	Roll No.	Name	SEM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				04/08	11/08	18/08	25/08	01/09	08/09	15/09	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11
1	1706421001	ABHAY YADAV	III	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P
2	1706421002	ADITYA MAURYA	III	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A
3	1706421003	AKASH	III	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
4	1706421005	ANKUSH RISHI	III	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
5	1706421006	AVADH KUMAR SRIVASTAVA	III	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
6	1706421007	DHRUV PATHAK	III	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
7	1706421008	ANKITA SINGH	III	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
8	1706421010	MANISH YADAV	III	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
9	1706421011	MAYANK ANAND	III	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
10	1706421012	PAWAN PRAKASH GAUTAM	III	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
11	1706421013	PRAJWAL BHARDWAJ	III	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P
12	1706421014	RADHIKA SHARMA	III	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P
13	1706421015	RISHABH SKUKLA	III	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
14	1706421016	ROHIT KUMAR	III	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
15	1706421017	SHIVANI SINGH	III	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
16	1706421018	UTKARSH KUMAR SINGH	III	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
17	1706421019	UTKARSH NIGAM	III	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
18	1706421020	VAIBHAV TIWARI	III	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
19	1706421021	VISHAKHA BHARDWAJ	III	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
20	1606421001	ABHISHEK PRATAP SINGH	V	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
21	1606421002	AJAY SINGH	V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
22	1606421003	AJEET RATHOR	V	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
23	1606421004	AKASH DEEP	V	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
24	1606421005	AKASH KUMAR	V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	1606421006	ALISHA SHAMSI	V	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P
26	1606421007	ALOK KUMAR	V	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P

Head of Department
 Electrical & Electronics Engineering
 Hindustan College of Science & Technology
 Farah, Mathura

Director
**Hindustan College of
 Science & Technology
 FARAH (MATHURA)**

27	1606421008	AMAN SHARMA	V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
28	1606421009	ARJUN UPADHYAY	V	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P
29	1606421010	ASHISH SINGH	V	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
30	1606421012	DESY NIMESH	V	P	P	A	P	P	P	P	P	A	P	A	P	P	P	P
31	1606421013	GAURAV GARG	V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
32	1606421014	HARIOM DHAKREY	V	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
33	1606421016	MAYANK PAL	V	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P
34	1606421017	MEGHA GUPTA	V	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
35	1606421018	MOHIT VERMA	V	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P
36	1606421020	PARTH SAXENA	V	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
37	1606421021	PRASHANT KUMAR TIWARI	V	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P
38	1606421022	ROHIT SINGH	V	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P
39	1606421023	SACHIN KUMAR SINGH	V	P	P	P	A	P	P	P	P	P	A	P	A	P	P	P
40	1606421024	SANCHIT GARG	V	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
41	1606421026	SHUBHAM SARASWAT	V	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
42	1606421027	SHUBHAM SAXENA	V	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P
43	1606421028	SOMNATH MUDGAL	V	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
44	1606421031	VISHESH RATAN	V	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P
45	1606421032	VISHVENDRA SINGH	V	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
46	1606421033	YASH SRIVASTAVA	V	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
47	1706421901	PANKAJ KUMAR	V	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P

[Signature]
 Head of Department
 Electrical & Electronics Engineering
 Hindustan College of Science & Technology
 Farah, Mathura

[Signature]

[Signature]
 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Hindustan College of Science & Technology, Farah, Mathura

Department of Electrical & Electronics Engineering

Value Added Course - Attendance Sheet

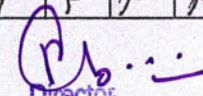
Course Name: Solar Technology Course Code: VEE1801

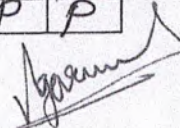
Session 2018-19 (Year-2018)

Session wise Attendance Sheet

S. No.	Roll No.	Name	SEM	Attendance														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1506421001	ANJALI KISHOR	VII	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
2	1506421002	AQUEB SHAHAB BARI	VII	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
3	1506421003	ASHNA JAIN	VII	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P
4	1506421004	ATUL RAJPOOT	VII	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
5	1506421005	AVINASH CHANDRA SHARMA	VII	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
6	1506421007	CHARU SAXENA	VII	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
7	1506421008	DEEPENDRA SINGH TOMAR	VII	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
8	1506421011	GARIMA SHARMA	VII	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
9	1506421012	GAURAV BHARTI	VII	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
10	1506421013	HEMANT MANGAL	VII	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
11	1506421014	JYOTI SINGH	VII	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
12	1506421015	KAPIL KUMAR	VII	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
13	1506421016	LAWRENCE SUDHAKAR	VII	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
14	1506421017	MAHESH KUMAR	VII	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
15	1506421018	MOHD TAUQUIR ALAM	VII	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
16	1506421020	PRAFULL KUMAR	VII	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P
17	1506421021	PRAVEEN SHARMA	VII	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
18	1506421022	SHAURABH	VII	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
19	1506421023	SHUBHAM GAUR	VII	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
20	1506421024	SHUBHAM SINGH	VII	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
21	1506421025	TARUN KUMAR	VII	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
22	1506421027	TUSHAR JAISWAL	VII	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
23	1506421028	VIPUL KUMAR	VII	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
24	1606421901	MRAGANG SARASWAT	VII	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
25	1606421903	ROHIT AGRAWAL	VII	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P
26	1606421902	RADHA YADAV	VII	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
27	1500321008	KRITARTH DWIVEDI	VII	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P

Head of Department
 Electrical & Electronics Engineering
 Hindustan College of Science & Technology
 Farah, Mathura


 Director
**Hindustan College of
 Science & Technology**
 FARAH (MATHURA)





Department of Electrical & Electronics Engineering

Certificate

OF COMPLETION

This is to certify that

ADITYA MAURYA

Session – 2018- 19

Roll No.-
1706421002

Department of Electrical and Electronics
Engineering has successfully completed 30 hours of Value Added Course (VEE
1801) titled

"SOLAR TECHNOLOGY"

Dr. R. K. Upadhyay
Director

Mr. Vivek Agrawal
Coordinator

Dr. Richa Kapoor
HOD -EEE

Hindustan College of Science and Technology, Farah, Mathura



Department of Electrical & Electronics Engineering

Certificate

OF COMPLETION

This is to certify that

ABHAY YADAV

Session – 2018- 19

Roll No.-
1706421001

Department of Electrical and Electronics
Engineering has successfully completed 30 hours of Value Added Course (VEE
1801) titled

"SOLAR TECHNOLOGY"

Dr. R. K. Upadhyay
Director

Mr. Vivek Agrawal
Coordinator

Dr. Richa Kapoor
HOD -EEE

Hindustan College of Science and Technology, Farah, Mathura

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)