

# CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)

	DEF	PARTMENT OF ELECTRICAL	AND ELECTRONICS ENG	GINEERING					
REGULATION 2017, EIGHTH SEMESTER									
EE8811 - PROJECT WORK									
S. NO	REG. NO.	NAME	PROJECT DOMAIN	GUIDE NAME					
1	920319105003	DHARSHINI.A	Experiment on						
2	920319105007	JOSE MAHIMA A	shadowing effect and						
3	920319105009	PANDISELVI A	bypass diode based solution in solar PV system	Mr.R.Sam Stanley					
4	920319105002	BALAN .S	Performance						
5	920319105302	ARUN VIJAYA KUMAR	assessment of Hybrid						
6	920319105304	EMMANUVAL RAJAN R	(solar-wind) Power	Dr.P.Paramasivan					
7	920319105309	KUMARAGURU S	System						
8	920319105010	RAJAPANDI P	IoT based Smart						
9	920319105011	RAMESH.P	Energymeter	Mrs. S. Vijaya Samundeeswari					
10	920319105014	TAMILSELVAN	Monitoring with Theft Detection	ivirs. 5. vijuvu sumanaceswam					
11	920319105012	SREE HARISH.K	Experiment on						
12	920319105004	GOW <mark>S</mark> HIK V	Performance						
13	920319105005	HEMANTH K ENG	Assessment of Micro Wind Energy Generator	Dr.T.Gopalakrishnan					
14	920319105303	ASAITHAMBI J	Characteristics and						
15	920319105305	GANESAN V	Efficiency of Solar PV	Dr.P.Booma Devi					
16	920319105001	ASRAF ALI K	system						

PRINCIPAL

Christian College of Engg.& Tech.. Oddanchatram - 624 619 Dindigul District



# CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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	DE	PARTMENT OF ELECT ACAI EE8611-1	DEMIC YI	EAR 2022-2023 JECT (Reg-2017)	
		CLASS:III EEE			EM:VI
S.NO	REG.NO	NAME	BATCH	SUPERVISOR	Title
1	920320105005	BALA MURUGAN A	I	Dr.P.PARAMASIVAN	Performance Analysis of Hybrid (Solar-Wind) Power system
2	920320105007	DIVYA J			
3	920320105009	JAI SURYA T			
4	920320105018	SARAN R			
5	920320105336	YUTHA.G			
6	920320105401	ARAVIND.T (B.SC)			
7	920320105006	CLINTON PRABHU L	п	Dr.P.BOOMA DEVI	Simulation study on Hydro Power
8	920320105012	JOSHUA JACOB			
9	920320105023	VINOTHINI S			
10	920320105308	HARSON ROY. M			
11	920320105017	PRAKASH S	6. 1	Dr.T.GOPALAKRISHN AN	Performance Analysis of Micro Win Generator
12	920320105019	SATHISKUMAR G	ш		
13	920320105022	VIGNESH M			
14	920320105307	HARAN.L.V			
15	920320105312	KARTHIKEYAN.S			
16	920320105321	PRADEEP.C	1.	the second second	
17	920320105014	KAMESH KUMAR R	IV	Mrs.S.VIJAYA SAMUNDEESWARI	Smart Energy Meter Monitoring System Based on IOT
18	920320105015	KINGSLIN L			
19	920320105016	MOHAN K			
20	920320105324	RAJENTHIRA PRASATH.P			
21	920320105332	SELVAKUMAR.S			
22	920320105004	ARO MILTON A	1000	Mr.R. SAM STANLEY	Power Losses Reduction of Bypass Diode Based Solution in Solar PV system
23	920320105010	JERRISH ROBERT T			
24	920320105021	SUNTHARA PANDIYAN	v		
25		JAYA PRAKASH. J			
26		MAHESH KUMAR. J			
27		EUJIN JOSUVA P	17 I.C.	Mrs.R.Agenya	Simulation study on Solar-Wind Power
28		SUJITH P	VI		
29		YOGESH PANDIYAN A			
30		DANIEL MARK. Y			
31		KABILASH.S			
32		REMO.S			
33		BIBIN.M		Mr.S.VIJAYA KUMAR	Intelligent Energy Management Controller for Hybrid System
34		MARIMUTHU.S			
35		MARIMUTHU.K	vп		
36		NAGAMUTHU.M			
37		BALA MURUGAN A			
38		SARATHKUMAR.S			

PROJECT COORDINATOR

PRINCIPAL

HOD

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### ANNA UNIVERSITY :: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE ASSESSMENT OF HYBRID (SOLAR-WIND) POWER SYSTEM" is the bonafide work of "BALA MURUGAN.A (920320105005) DIVYA.J (920320105007) JAI SURYA.T (920320105009) SARAN.R (920320105018) YUTHA.G (920320105336) ARAVIND.T (920320105401)" who carried out the project work under my supervision.

SIGNATURE

Dr. P. BOOMA DEVI, M.E, Ph.D., HEAD OF THE DEPARTMENT DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, ODDANCHATRAM DINDIGUL - 624619

Dr. P. PARAMASIVAN, M.E., Ph.D., SUPERVISOR ASSISTANT PROFESSOR DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, ODDANCHATRAM DINDIGUL – 624619

Submitted for the Anna University Project viva-voice held on .02.06. 2023

EXTER



### **ANNA UNIVERSITY : CHENNAI 600 025**

#### **BONA FIDE CERTIFICATE**

Certified that this project titled "SIMULATION STUDY ON HYDEL POWER" is the bonafide work of "CLINTON PRABHU L (9203201065006), JOSHUVA JACOB (920320105012), HARSHON ROY M (920320105308), VINOTHINI (920320105023)" who carried out the project work under my supervision.

# P.B. P 2/1/23

SIGNATURE Dr. P.BOOMA DEVI,M.E, Ph.D., HEAD OF THE DEPARTMENT Department of EEE Christian College of Engineering and Technology, Oddanchatram. Dindigul (District) Tamil Nadu. J. B. D. 2/6/23 SIGNATURE Dr.P.BOOMA DEVI,M.E.,Ph.D., SUPERVISOR Department of EEE Christian College of Engineering and Technology, Oddanchatram. Dindigul (District) Tamil Nadu.

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INTERNAL EXAMINER

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### ANNA UNIVERSITY : CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE ANALYSIS OF MICRO WIND ENERGY GENERATOR" is the bonafide work of "PRAKASH.S(920320105017), SATHISHKUMAR.G(920320105019),VIGNESH.M (920320105022), HARAN.L.V(920320105307), KARTHIKEYAN.S (920320105312), PRADEEP.C (920320105321)" who carried out the project work under my supervision.

J.B. 216/23 SIGNATURE Dr.P. BOOMA DEVI M.E.,Ph.D., HEAD OF DEPARTMENT ELECTRICAL AND ELECTRONICS DEPARTMENTCHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, ODDANCHATRAM DINDIGUL - 624619

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Submitted for the Anna University Project Viva Voce held on .02.06.2023

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# ANNA UNIVERSITY : CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "SMART ENERGY METER MONITORING SYSTEM BASED ON IOT" is the bonafide work of "KAMESH KUMAR.R (920320105014) ,KING3LIN.L(920320105015),MOHAN.K(920320105016), RAJENTHIRA PRASATH.P(920320105324),SELVAKUMAR.S(920320105332)," who carried out the project work under my supervision.

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Submitted for the Anna University Project Viva Voce held on ... D2/06/23.

INTERNAL EXAMINER

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#### **ANNA UNIVERSITY : CHENNAI 600 025**

#### **BONAFIDE CERTIFICATE**

Certified this project report as "POWER LOSSES REDUCTION OF BYPASS DIODE BASED SOLUTION IN SOLAR PV SYSTEM" is the bonafide work of "MAHESHKUMAR.J (920320105313), JAYAPRAKASH.J (920320105310), JERRISH ROBERT.T (920320105010), AROMILTON.A (920320105004), SUNTHARA PANDIYAN.S (920320105021)" who carried out the project work under my supervision.

SIGNATURE Dr. P. BOOMA DEVI, M.E, Ph.D., HEAD OF THE DEPARTMENT Department of Electrical and Electronics Engineering, Christian College of Engineering and Technology, Oddanchatram

SIGNATURE Mr.M.SAM STANLEY, M.E,(Ph.D)., SUPERVISOR Assister Professor, Department of Electrical and Electronics Engineering, Christian College of Engineering and Technology, Oddanchatram

Submitted for the Anna University project viva-voice held on ..... 02/0.6./2023...

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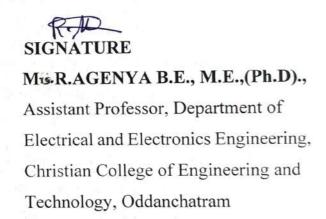


#### ANNA UNIVERSITY:: CHENNAI 600 025

#### **BONAFIDE CERTIFICATE**

Certified that this project report "SIMULATION STUDY ON SOLAR WIND ENERGY SYSTEM" is the bonafide work of "DANIELMARK.Y(920320105306),EUJIN JOSUVA.P 920320105008), KABILASH.S (920320105311), REMO.S (920320105327), SUJITH.P 920320105020),YOGESHPANDIYAN.A(920320105024)" who carried out the project work ander my supervision.

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Submitted for the anna university project viva-voice held on ... C2 / 06 / 2023.....

INTERNAL EXA

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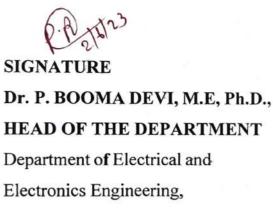




#### ANNA UNIVERSITY: CHENNAI 600 025

#### **BONAFIDE CERTIFICATE**

Certified this project report as "Intelligent Energy Management controller for Hybrid System " is the bonafide work of " REVINKUMAR. S (920320105328), SARATH KUMAR.S (920320105331)"MARIMUTHU.K (920320105316), MARIMUTHU. S (920320105317), NAGAMUTHU. M (920320105320), BIBIN. M (920320105305) who carried out the project work under my supervision.



Christian College of Engineering and Technology, Oddanchatram

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Mr.VIJAYA KUMAR, M.E, Assistant Professor, Department of Electrical and Electronics Engineering, Christian College of Engineering and Technology, Oddanchatram

Submitted for the Anna University project viva-voice held on 02 06 23.

- EX





#### ANNA UNIVERSITY:: CHENNAI 600 025

#### **BONAFIDE CERTIFICATE**

Certified this project report as "EXPERIMENT ON SHADOWING EFFECT AND BYPASS DIODE BASED SOLUTION IN SOLAR PV SYSTEM" is the bonafide work of "DHARSHINI.A (920319105003), JOSE MAHIMA.A (920319105007), PANDISELVI.A (920319105009)" who carried out the project work under my supervision.

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Submitted for the Anna University project viva-voice held on. 23 23

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# ANNA UNIVERSITY :: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE ASSESSMENT OF HYBRID (SOLAR-WIND) POWER SYSTEM" is the bonafide work of "BALAN.S (920319105002), ARUN VIJAYAKUMAR.S (920319105302), EMMANUVEL RAJAN.R (920319105304), KUMARAGURU.S (920319105309)" who carried out the project work under my supervision.

P.B. P 23/5/23 SIGNATURE

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Submitted for the Anna University Project viva-voice held on ......

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### ANNA UNIVERSITY :: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "IOT BASED SMART ENERGY METER MONITORING WITH THEFT DETECTION" is the bonafide work of "RAJA PANDI. P (920319105010), RAMESH.P (920319105011), TAMIL SELVAN .A (920319105014)" who carried out the project work under my supervision.

P. P. P. 23/5/23 SIGNATURE

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Submitted for the Anna University Project Viva Voce held on .23 5.28

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### ANNA UNIVERSITY:: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "EXPERIMENT ON PERFORMANCE ASSESSMENT OF MICRO WIND ENERGY GENERATOR" is the bonafide work of "GOWSHIK.V (920319105004), HEMANTH.K (920319105005), SREE HARISH.K (920319105012)" who carried out the project work under my supervision.

P.B. P 23/5/23 SIGNATURE

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Submitted for the Anna university project viva-voice held on 23/5/23

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### ANNA UNIVERSITY: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "CHARACTERSTICS AND EFFICIENCY OF SOLAR PV SYSTEM" is the bonafide work of "K.ASRAF ALI (920319105001). J.ASAITHAMBI (920319105303), V.GANESAN (920319105305) " who carried out the project work under my supervision.

P. B P 23/5/23 SIGNATURE

Dr. P. BOOMA DEVI HEAD OF THE DEPARTMENT DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, ODDANCHATRAM **DINDIGUL - 624619** 

P. B D 23/5/23 SIGNATURE Dr. P. BOOMA DEVI ASSOCIATE PROFESSOR SUPERVISOR

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Submitted for the University Project Viva- voice held on ... 23 5.23.....

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