



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



Department of Electrical and Electronics Engineering

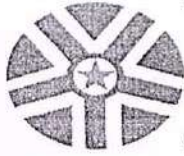
For the academic year 2021-22, the students of Electrical and Electronics Engineering have undergone Major Projects in their IV B.Tech as prescribed by JNTUH, Hyderabad in the Curriculum.

S.No	Description	No. of Students	Page No.
1	Major Projects	29	2-12
	Total Number of Students:	29	--



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Vignans Institute of Management & Technology For Women
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D)-501301
Telangana State



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Department of Electrical and Electronics Engineering


Admitted Year: 2018

Academic Year: 2021-2022

IV B.TECH-II SEM- Major Project List

SNo	Batch No	Roll No	Name of the Student	Title of the Project	Name of the Guide
1	1	18UP1A0201	Alwa Jyoshna	Active And Reactive Power Injection Strategies For Three Phase Four Wire Inverters During Symmetrical /Asymmetrical Voltage Sags	Miss. K KUMARI
2		18UP1A0203	Dende Manasa		
3		18UP1A0218	Uppala Geetha Rani		
4		19UP5A0206	Kamunipelli Yamini		
5	2	18UP1A0202	Bonthala Hima Bindu	Pv Based Shunt Active Harmonic Filter For Power Qualit Improvement	Mr. L Kiran kumar
6		18UP1A0204	Dokku Vatsalya		
7		19UP5A0207	Jorige Navya		
8	3	18UP1A0205	Golla Swathi	Grid Connect Wind- Photovoltaic Cogeneration Using Back To Back Voltage Source Coverter	Mr. L Kiran kumar
9		19UP5A0205	Gubba Supriya		
10		19UP5A0209	Tolugudla Srujana		
11	4	18UP1A0206	Tarlada Jahnavi	Dual Pq Theory Based Energy Optimized Dynamic Voltage Restorer For Power Quality Improvement In Distribution System	Mrs. B Divya Laxmi
12		18UP1A0210	Kommuri Varsha		
13		19UP5A0202	Dorashetty Sowmya		
14	5	18UP1A0208	Kannekanti Lalitha	Diagnosis Of Covid-19 Infection In Chest X-Ray Images	Mr. L Kiran kumar
15		18UP1A0214	Sana Begum		
16		18UP1A0215	Sudireddy Sneha Latha		
17	6	18UP1A0209	Karanam Meghana	Pv-Statcom : A New Smart Inverter For Voltage Control In Distribution System	Mr. T Rambabu
18		18UP1A0219	Uppala Gowthami Rani		
19		19UP5A0203	Gopi Reddy Sai Prasanna		
20		19UP5A0208	Martha Neethu		




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21	7	18UP1A0211	L Shireesha	Intelligent Grid Iterfaced Solar Water Pumping System	Mr. T Rambabu
22		18UP1A0213	Parvatha Lalitha Devi		
23		19UP5A0210	Vavilala Nithya		
24	8	18UP1A0216	Tadikamalla Sushma	Grid Interactive Solar Pv Based Water Pumping Using Bldc Motor Drive	Mr. L Kiran kumar
25		18UP1A0217	Thotakura Srilekha		
26		19UP5A0204	Gopireddy Anjali		
27	9	18UP1A0207	Jorige Navya	Development Of Electric Vehicles Dynamis For E- Verito Various Drive Cycles	Mr. L Kiran kumar
28		18UP1A0212	Manne Sai Nandini		
29		19UP5A0201	Budida Himabindu		

Project coordinator

HOD-EEE
Head of the Department
Electrical and Electronics Engineering
Vignan's Institute of Management and Technology for Women
Kondapur (V), Ghatkesar (M), R.R. Dist-501 301



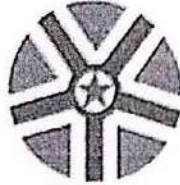
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Kondapur (V), Ghatkesar (M), R.R. District-501301




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

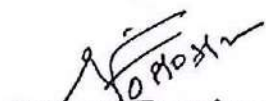
CERTIFICATE

This is to certify that the project report entitled "ACTIVE AND REACTIVE POWER INJECTION STRATEGIES FOR THREE-PHASE FOUR-WIRE INVERTER DURING SYMMETRICAL/ASYMMETRICAL SAGS" submitted by A.JYOSHNA(18UP1A0201),D.MANASA(18UP1A0203),U.GEETHA RANI (18UP1A0218),K.YAMINI(19UP5A0206)in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted in any other university for the award of any degree and the results are achieved satisfactorily.


Mr.L.KIRAN KUMAR
Head of the Department


(Internal Guide)
MISS. K. KUMARI
Assistant professor




External Examiner


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Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
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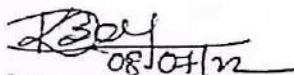
KONDAPUR(V), GHATKESAR (M) ,MEDCHAL(Dist.)-501 301, TELANGANA



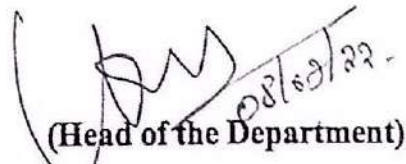
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

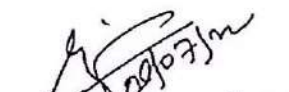
This is to certify that the project report entitled "PV BASED SHUNT ACTIVE HARMONIC FILTER FOR POWER QUALITY IMPROVEMENT" that is being submitted by HIMABINDU(18UPIA0202),D.VATSALYA(18UPIA0204), MADIHA KULSUM(19UP5A207) in partial fulfillment for the award of the Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, is a record of sincere work carried by him under my guidance and Supervision. The results embodied in this project have not been submitted to any Other University or institute for the award of any degree.


Internal Guide)

Miss.K. Kumari


(Head of the Department)

Mr. L. KIRAN KUMAR


External Examiner




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Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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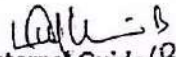
Kondapur (V), Ghatkesar (M), R.R.DISTRICT-501301

2018-2022



CERTIFICATE

This is to certify that the thesis work titled " Grid-Connected Wind-Photovoltaic Cogeneration Using Back-to-Back Voltage Source Converters" submitted by G.Supriya (19UP5A0205), T. Srujana (19UP5A0209), G. Swathi (18UP1A0205) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONIC ENGINEERING to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embedded in this project report have not been submitted in any other university for the award of any degree.


Internal Guide (B.D.WVA
LAKSHMI)

Ms. B. DIVYALAXMI

Project Guide

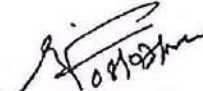
Dept. of EEE


Head of the Department

Mr. L. KIRAN KUMAR

Associate Professor & HOD

Dept. of EEE


External Examinee

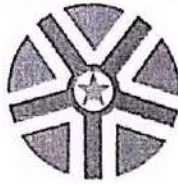



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(Approved by AICTE & Affiliated to JNTUII)

Kondapur (V), Ghatkesar (M), R.R. District-501301

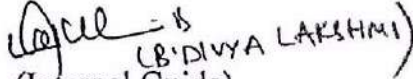


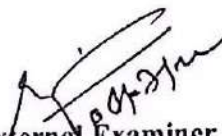
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "DUAL PQ THEORY BASED ENERGY OPTIMIZED DYNAMIC VOLTAGE RESTORER FOR POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM" submitted by T. JAHNAVI (18UP1A0206), D. SOWMYA (19UP5A0202), K. VARSHA (18UP1A0210) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of bonafide work carried out by them under my guidance and supervision. The results embedded in this project report have not been submitted in any other university for the award of any degree and the results are achieved satisfactorily.


LANKA KIRAN KUMAR
Head of the Dept


(Internal Guide)
B. DIVYA LAXMI
Assistant professor


External Examiner

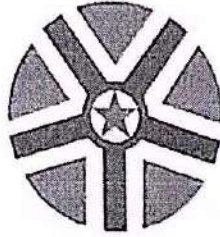



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Kondapur(V), Ghatkesar(m), Medchal Dist-501 301.
(Affiliated to Jawaharlal Nehru Technological University, Hyderabad)

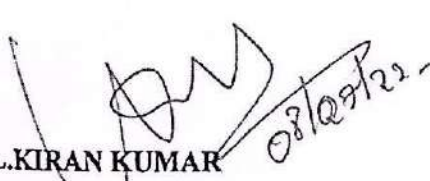
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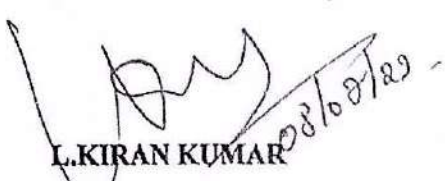


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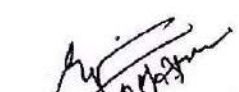
CERTIFICATE

This is to certify that this is the bonafide record of the project entitled "DIAGNOSIS OF COVID-19 INFECTION IN CHEST X-RAY IMAGES", submitted by LALITHA KANNEKANTI(18UP1A0208),SUDIREDDY SNEHALATHA(18UP1A0215) and SANA BEGUM(18UP1A0214)of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Electrical and Electronics Engineering, Department of EEE during the year 2021-2022. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.


L.KIRAN KUMAR
INTERNAL GUIDE
VMTW


L.KIRAN KUMAR
HEAD OF THE DEPARTMENT
VMTW




External Examiner


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Vignans Institute of Management & Technology For Women
Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
Telangana State

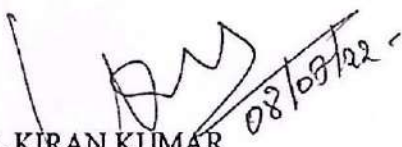
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

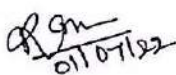
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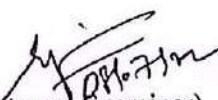


This is to certify that the thesis work titled "PV-STATCOM: A NEW SMART INVERTER FOR VOLTAGE CONTROL IN DISTRIBUTION SYSTEM" submitted by, **K Meghana(18UP1A0209), U Gowthami rani(18UP1A0219), G Sai Prasanna (19UP5A0203), M Neethu (19UP5A0208)** in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering to the **VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR** is a record of Bonafide work carried out by them under my guidance and supervision.

The results embodied in this project report have not been submitted in any university for the award of any degree and the results are achieved satisfactorily.


L.KIRAN KUMAR
HEAD OF THE DEPARTMENT
VMTW


T. RAM BABU
PROJECT GUIDE
VMTW


(External Examiner)

VMTW




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Kondapur(V),Ghatkesar(M),Medchal-Malkajgiri(Dt)-501301
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EEE

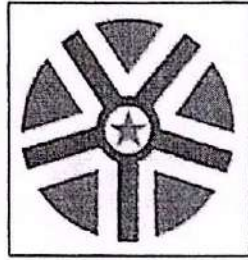
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Kondapur(V), Ghatkeshar(M)

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Hyderabad

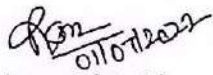
Medchal (Dist.)-501 301, Telangana



Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the thesis work titled " Intelligent Grid Interfaced Solar Water Pumping System" submitted by P. Lalitha Devi (18UP1A0213), L. Shireesha (18UP1A0211), V.Nithya (19UP5A0210) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering to the " VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN",KONDAPUR is a record of bonafide work carried out by her under my guidance and supervision.


01/07/2022

Internal Guide

Mr. T .RAMBABU

Assistant Professor

Dept. of EEE

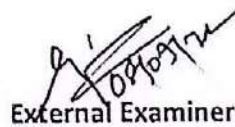

23/08/22

Head of the Department

Mr.L.KIRAN KUMAR

Associate Professor & HOD

Dept. of EEE


08/09/22

External Examiner




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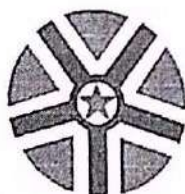
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Approved by AICTE & Affiliated to JNTUH)


Kondapur (V), Ghatkesar (M), R.R. District-501301

2018-2022



CERTIFICATE


is to certify that the project report entitled "GRID INTERACTIVE SOLAR PV BASED
PUMPING USING BLDC MOTOR DRIVE" submitted by T. SUSHMA (18UP1A0216), T.SRILEKHA
(18UP1A0217), G.ANJALI (19UP5A0204) in partial fulfillment of the requirements for the award of the
degree of Bachelor of Technology in Electrical & Electronics Engineering to the VIGNAN'S
INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, KONDAPUR is a record of
the hard work carried out by them under my guidance and supervision. The results embedded
in this project report have not been submitted in any other university for the award of any degree
and the results are achieved satisfactorily.


LANKA KIRAN KUMAR


Head of EEE department


Mr. LANKA KIRAN KUMAR

(Project Guide)


External Examination




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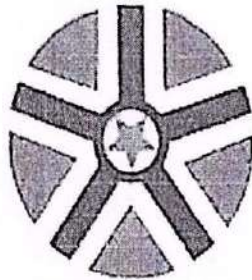
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FOR WOMEN

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Approved by AICTE & Affiliated to JNTUII)

Kondapur (V), Ghatkesar (M), Medchal District 501301

2021-2022



CERTIFICATE

This is to certify that the project report entitled "DEVELOPMENT OF ELECTRIC VEHICLE DYNAMICS FOR EVERITO USING VARIOUS DRIVE CYCLES" that is being submitted by J.NAVYA(18UP1A0207), M.SAI NANDINNI(18UP1A0212), B.HIMABINDU (19UP5A0201) in partial fulfillment for the award of the Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, is a record of bonafide work carried by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or institute for the award of any degree and the results are achieved satisfactorily.

Mr L.KIRAN KUMAR

Head of EEE Department

EXTERNAL EXAMINER

Mr L.KIRAN KUMAR

INTERNAL GUIDE



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