

K.S.R.M. COLLEGE OF ENGINEERING

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Anantapuramu)

(Accredited by JNTUA, Anantapuramu, NAAC, New Delhi)

(An ISO 9001:2008 Certified Institution)

KADAPA - 516 003 (A.P.)

2016 - 2018

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "FLYBACK MICROINVERTER WITH HYBRID MODE FOR PV AC MODULES" is being submitted by S. V. SAI DIVIJA (169Y1D0705), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2016 - 2018.

Project Guide:

K. Kalyan Kumar
1/19

Sri. K. KALYAN KUMAR, M.Tech.,

Assistant Professor

Department of EEE

K.S.R.M. College of Engg., (A) Kadapa.

Head of the Department:

Smt. C. N. ARPITHA

Smt. C. N. ARPITHA, M.Tech., MIE., MIEEE.,

Associate Professor & HOD

Department of EEE

K.S.R.M. College of Engg., (A) Kadapa.

Date: 15-09-2018

Smt. C. N. ARPITHA
Internal Examiner

K. Kalyan Kumar
External Examiner

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "AUTONOMOUS COORDINATION OF MULTIPLE PV/BATTERY HYBRID UNITS IN ISLANDED MICROGRIDS" is being submitted by S.VAMSI (169Y1D0704), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2017 - 2018.

Project Guide:

Smt. SALEHA TABASSUM, M.Tech., ISTE

Assistant Professor

Department of EEE

K.S.R.M. College of Engg., Kadapa.

Head of the Department:

Smt. C. N. ARPITHA, M.Tech., MIE., MIEEE.,

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K.S.R.M. College of Engg., Kadapa.

Date: 15/09/2018

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External Examiner

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CERTIFICATE

This is to certify that the project report entitled "MICRO-GRID BASED ENERGY GENERATION SYSTEM WITH BRUSHLESS GENERATORS" is being submitted by A.SWETHA (169Y1D0701), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2016 - 2018.

Project Guide:


Dr. K. AMARESH, M.Tech., Ph.D.,

Professor,

Department of EEE,

K.S.R.M. College of Engg., Kadapa.

Head of the Department:


Smt. C. N. ARPITHA, M.Tech., MIE., MIEEE.,

Associate Professor & HOD

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K.S.R.M. College of Engg., Kadapa.

Date: 15.09.2018


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CERTIFICATE

This is to certify that the project report entitled "CONTROL OF A SMALL WIND TURBINE IN THE HIGH WIND SPEED REGION" is being submitted by P.VENKATA VINODKUMAR REDDY(169Y1D0703), of KS RM college of Engineering Affiliated to Jawaharlal Nehru Technological University, Anantapuramu, in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2016 - 2018.

Project Guide:


Sri M. BHASKAR REDDY, M.Tech(Ph.D.)

Associate Professor

Department of EEE

K.S.R.M. College of Engg., Kadapa.

Head of the Department:



Smt. C.N. ARPITHA, M.Tech., MIE., MIEEE.,

Associate Professor & HOD

Department of EEE

K.S.R.M. College of Engg., Kadapa.

Date: 15/9/18


Internal Examiner


External Examiner

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CERTIFICATE

This is to certify that the project report entitled "DISTRIBUTED ENERGY STORAGE FOR DC DISTRIBUTION NETWORK CONSIDERING FLEXIBLE VOLTAGE CONTROL STRATEGY" is being submitted by M.NAGESH (179Y1D0704), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2017 – 2019.

Project Guide:

K. Kalyan Kumar

Dr. K. KALYAN KUMAR, M.Tech.,

Assistant Professor

Department of EEE

K.S.R.M. College of Engg., (A)Kadapa.

Head of the Department:

Dr. K. Amaresh

Dr. K. AMARESH, M.Tech., Ph.D., AMIE, MISTE, MIEEE

Professor & HOD

Department of EEE

K.S.R.M. College of Engg., (A)Kadapa.

Date: *13/08/19*

Dr. K. Amaresh
Internal Examiner

T. Soudhakar
External Examiner

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2017 - 2019

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CERTIFICATE

This is to certify that the project report entitled "IMPROVING POWER QUALITY WITH VOLTAGE CONTROLLED DSTATCOM IN LOW VOLTAGE DISTRIBUTION GRIDS" is being submitted by R.Jayalakshmi (179Y1D0705), of Jawaharal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2017 - 2019.

[Signature]
Project Guide:

Dr. K. AMARESH, M.Tech., Ph.D., AMIE, MISTE, MIEEE

Professor & HOD

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Dr. K. AMARESH, M.Tech., Ph.D., AMIE, MISTE, MIEEE

Professor & HOD

Department of EEE

K.S.R.M. College of Engg., (A)Kadapa.

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Date: 13/05/19

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Internal Examiner

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External Examiner

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2017 - 2019

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CERTIFICATE

This is to certify that the project report entitled "DYNAMIC MODELING AND FEASIBILITY ANALYSIS SYSTEM OF A SOLID STATE TRANSFORMER BASED POWER DISTRIBUTION" is being submitted by K.Anitha (179Y1D0702), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2017 - 2019.

[Signature]
Project Guide:

Dr. M.BHASKAR REDDY M.Tech.,(Ph.D),

Associate Professor

Department of EEE

K.S.R.M. College of Engg., (A)Kadapa.

[Signature] 06/05/19
Head of the Department:

Dr.K.AMARESH, M.Tech., Ph.D., AMIE, MISTE, MIEEE

Professor & HOD

Department of EEE

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Date: 13/05/19.

[Signature]
Internal Examiner

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External Examiner

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2017 - 2019

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CERTIFICATE

This is to certify that the project report entitled "A GRID-CONNECTED PV SYSTEM BASED ON MMC TO GET THE MAXIMUM POWER UNDER PARTIAL SHADING CONDITIONS" is being submitted by C.MERY SWARNA LATHA (179Y1D0701), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by her under our supervision during the period 2017 - 2019.

[Signature]
Project Guide

Sri P.DURGA PRASAD M.Tech, MISTE.

Assistant Professor

Department of EEE

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Head of the Department:

Dr.K. AMARESH, M.Tech., Ph.D., AMIE,MISTE,MIEEE

Professor & HOD

Department of EEE

K.S.R.M. College of Engg., (A)Kadapa.

Date: *12/05/19*

[Signature]
Internal Examiner

[Signature]
External Examiner

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2016 - 2018

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CERTIFICATE

This is to certify that the project report entitled “LOW POWER ENERGY CONVERSION SYSTEM WITH TWO PHASE PM MACHINE AND A RECTIFIER WITH REDUCED NUMBER OF CONTROLLED SWITCHES

” is being submitted by Y.T.DIVYA TEJA (169Y1D0707), of Jawaharlal Nehru Technological University, Anantapur, in partial fulfillment of the requirements for the award of the degree of MASTER TECHNOLOGY in “POWER SYSTEMS” is a bonafide record of project work carried out by her under our supervision during the period 2016 - 2018.

Project Guide:



Sri. N. SIDDHIK, M.Tech.,

Assistant Professor

Department of EEE

K.S.R.M. College of Engg., Kadapa.

Head of the Department:



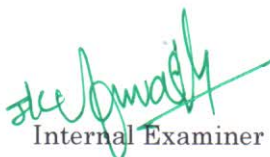
Smt. C. N. ARPITHA, M.Tech., MIE., MIEEE.,

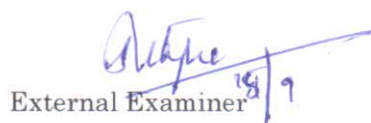
Associate Professor & HOD

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Date: 15-09-2018


Internal Examiner


External Examiner

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CERTIFICATE

This is to certify that the project report entitled "A 1- Ø GRID CONNECTED PV INVERTER BASED ON A 3-SWITCH 3-PORT FLYBACK WITH SERIES POWER DECOUPLING CIRCUIT" is being submitted by A. CHANDRA SUDARSAN REDDY(169Y1D0702), of KSRM college of Engineering Affiliated to Jawaharlal Nehru Technological University, Anantapuramu, in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in "POWER SYSTEMS" is a bonafide record of project work carried out by him under our supervision during the period 2017 - 2018.

Project Guide:


T. KISHORE KUMAR, M.Tech.

Assistant Professor

Department of EEE

K.S.R.M. College of Engg., Kadapa.

Head of the Department:

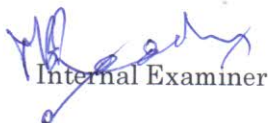

Smt. C. N. ARPITHA, M.Tech., MIE., MIEEE.,

Associate Professor & HOD

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K.S.R.M. College of Engg., Kadapa.

Date: 15/09/2018


Internal Examiner


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