



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)


Projects/Internship/Field visits

AY : 2021-22

Program Code	Program Name	Projects		Internships		Field visits	
		No of projects	Total no. of students	No. of Internships	Total no. of students	No. of Field visits	Total no. of students
O21D52	M.Tech – PED	16	21	--	--	--	--
O21D08	M.Tech - HVE	18	18	--	--	--	--
O21D34	M.Tech – AEPS	11	13	--	--	--	--
O21A02	B.Tech-EEE	11	53	56	56	--	--


Coordinator


REGISTRAR
J.N.T. University Kakinada
Kakinada-533003


HOD
Professor & Head
Dept. of Elec. & Electronics Engg.
University College of Engg.
J.N.T. University Kakinada
KAKINADA-533'003.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

Projects

Program Code: 021A02

Program Name: B.tech - EEE

Year 2021-22

S.No	Student name	Project Title	Guide Name	Dates (Duration)	Organization Location
1	BOMMALATA VARALAKSHMI (19025A0246)	HARDWARE IMPLEMENTATION OF NVC AND NLC FOR FIVE LEVEL CASCADED H-BRIDGE MULTILEVEL INVERTER	DR.CH. SAI BABU	11-2021 to 05-2022	MATLAB-UCEK JNTUK
	CHITIKALA DHANA RAJU (19025A0236)				
	KOPPANA RAKESH (19025A0245)				
	NALLA PURUSOTHAM NAIDU (18021A0216)				
2	PACHIKURA DURGA MURALI AKANKSHA (18021A0204)	ENHANCEMENT OF VOLTAGE STABILITY AND RELIABILITY IN RADIAL DISTRIBUTION SYSTEM USING COMPENSATION	DR.S.SIVANAGA RAJU	11-2021 to 05-2022	MATLAB-UCEK JNTUK
	MALKIREDDY DHANUNJAYA REDDY (18021A0204)				
	WUPADRASTA SUJANA (19025A0238)				
	VADLAMURI SAI GOUTHAM (18021A0220)				
	YENNE SAI TEJA (18021A0208)				
3	SHAIK MUNNA (18021A0219)	MATLAB SIMULATION OF CLOSED LOOP SPEED CONTROL OF 3-PHASE INDUCTION MOTOR USING	DR.V.V.N.MURTHY	11-2021 to 05-2022	MATLAB-UCEK JNTUK
	GOONDLA NAVEEN (19025A0235)				

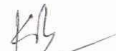
	PIRADI NIKHITA SATYA PRIYA (19025A0233)	SPWM TECHNIQUE			
	BODDEPALLI SRINIVASA RAO (19025A0240)				
4	ANALA LAKSHMI MOUNICA (18021A0207)	EFFECTS OF PARTIAL SHADING ON SOLAR POWER GENERATION	DR.T.MURALI MOHAN	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	MARAKA NUTANA SRI (18021A0223)				
	PRAGADA MEGHANA (18021A0224)				
	MEDAPATI ANANTHA CHARAN (19025A0248)				
	SODIMELLA BADRI (18021A0215)				
5	RONANKI NAVYA (18021A0205)	MODELING AND SIMULATION OF HYBRID ELECTRIC VEHICLE CHARGER THROUGH CONDUCTIVE AC CHARGING METHOD	DR K.SRI KUMAR	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	TARRA SUSHMA (18021A0227)				
	MUNDURI MEGHA SAI VENKATA RAMAKRISHNA (19025A0241)				
	ALLU VENKAT NITHISH KUMAR (18021A0201)				
	VIVEK KAPARAPU (18021A0221)				
6	GORLE SUSHMA (18021A0213)	IOT BASED AUTOMATIC DOOR OPENING MECHANISM WITH THERMAL SCREENING	DR K.SRI KUMAR	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	USSE PRATHYUSHA (18021A0211)				
	PULIVARTHI GOPI (19025A0254)				

	GORUMUTCHU SPANDANA (19025A0237)				
	CHOPPARA VAMSI KRISHNA (18021A0203)				
7	TAKASI HAREESH BABU (18021A0206)	DESIGN AND SIMULATION OF BUCK-BOOST CONVERTER CONSIDERING NON- IDEALITIES	DR. K.RAVINDRA	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	TENTU VIJAYA LAXMI (18021A0209)				
	GOWRI SANKAR TELU (18021A0225)				
	PERUMALLA PAVAN KUMAR (19025A0251)				
	TANVEER MISHRA SHAIK (18021A0222)				
8	GOLLA SATYA SAI VAISHNAVI (18021A0214)	MODELLING AND SIMULATION OF SOLAR POWERED BLDC MOTOR	DR. K. VENKATA REDDY	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	TIRUPATHI NAGA VENKATA KIRAN (19025A0247)				
	JAKKAMSETTI SATYANARAYANA (19025A0244)				
	JAKKAMSETTI SATYANARAYANA (19025A0252)				
	PODIUM KEERTHANA (18021A0228)				
9	BALAGA SAI CHAITANYA (18021A0218)	DESIGN OF SHUNT HYBRID ACTIVE FILTER TO REDUCE HARMONICS ON AC SIDE DUE TO NON- LINEAR LOADS	DR. M. NAGESWARA RAO	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	MOKA ROCHISHNU (18021A0202)				
	MAMIDISETTI SAI KISHORE (18021A0226)				

	MUDAVATH MUNI NAIK (19025A0253)				
	TEJAVATH SINDHU (18021A0217)				
10	GOKEDA VISHNU PRASAD (19025A0249)	WAVECT BASED IMPLEMENTATION OF SPWM TECHNIQUE FOR 3- LEVEL INVERTER WITH INDUCTION MOTOR LOAD	SRI. B. NARESH	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	NAGAKANAKADURGA SRIRAJINI KAKI (19025A0250)				
	BODDU ASHOK (19025A0243)				
	KARRI CHAITANYA VEERREDDY (19025A0243)				
	JUTURU VIJAY KUMAR (18021A0232)				
11	BURLA SILPA (19025A0239)	SIMULATION OF THREE PHASE 3-LEVEL INVERTER USING IGBT WITH SPWM CONTROL	DR N.SUMATHI	11-2021 to 05- 2022	MATLAB-UCEK JNTUK
	CHEEPURI SATYAVATHI (19025A0234)				
	BASA KALYAN SRIRAM (19025A0242)				
	THATITHOTI VENKATA TEJA (18021A0230)				
	YANAMALA MANOJ KUMAR (18021A0231)				


Coordinator


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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)

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CERTIFICATE

This is to certify that the project entitled "Design and Simulation of Buck-Boost Converter Considering Non-Idealities" that is being submitted by Takasi Hareesh Babu (18021A0206), Tentu Vijaya Laxmi (18021A0209), Telu Gowri Sankar (18021A0225), Perumalla Pavan Kumar (19025A0251), Tanveer Mishra Shaik (18021A0222) in partial fulfillment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

Project Guide
Dr. K. RAVINDRA,
Professor of EEE,
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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)



CERTIFICATE

This is to certify that the project entitled **"IOT based automatic door opening mechanism with thermal screening"** that is being submitted by Gorle Sushma (18021A0213), Usse Prathyusha (18021A0211), Pulivarthi Gopi (19025A0254), Gorumutchu Spandana (19025A0237), Choppara Vamsi Krishna (18021A0203) in partial fulfillment of the requirements for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering** to the **University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them 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 or diploma.

Project Guide

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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)

472
473
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CERTIFICATE

This is to certify that the project entitled "MODELLING AND SIMULATION OF SOLAR POWERED BLDC MOTOR" that is being submitted by G. Satya Sai Vaishnavi (18021A0214), T. Naga Venkata Kiran (19025A0247), J. Satyanarayana (19025A0244), G. Karunakar Reddy (19025A0252), P. Keerthana (18021A0228) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

Project Guide
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CERTIFICATE

This is to certify that the project entitled "EFFECTS OF PARTIAL SHADING ON SOLAR POWER GENERATION" that is being submitted by A. Lakshmi Mounica(18021A0207), M.Nutana Sri(18021A0223),P.Meghana(18021A0224),M.Anantha Charan(19025A0248), S. Badri(18021A0215) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

T. Murali Mohan
31/5/2022

Project Guide
Dr. T. MURALI MOHAN,
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K. Sri Kumar
16/6/22

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)

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CERTIFICATE

This is to certify that the project entitled "MODELLING AND SIMULATION OF HYBRID ELECTRIC VEHICLE CHARGER THROUGH CONDUCTIVE AC CHARGING METHOD" that is being submitted by Ronanki Navya (18021A0205), Tarra Sushma (18021A0227), Munduri Megha Sai Venkata Ramakrishna (19025A0241), Allu Venkat Nithish Kumar (18021A0201), Vivek Kaparapu (18021A0221) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under my guidance and supervision.

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Project Guide

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)



CERTIFICATE

This is to certify that the project entitled "MATLAB SIMULATION OF CLOSED-LOOP SPEED CONTROL OF 3-PHASE INDUCTION MOTOR USING SPWM TECHNIQUE" that is being submitted by SHAIK MUNNA (18021A0219), GOONDLA NAVEEN (19025A0235), PIRADI NIKHITA SATYA PRIYA (19025A0233), BODDEPALLI SRINIVASA RAO (19025A0240) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

Project Guide
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)




CERTIFICATE

This is to certify that the project entitled "ENHANCEMENT OF VOLTAGE STABILITY AND RELIABILITY IN RADIAL DISTRIBUTION SYSTEM USING COMPENSATION" that is being submitted by P. Durga Murali Akanksha (18021A0204), M. Dhanunjaya Reddy (18021A0210), W. Sujana (19025A0238), V. Sai Goutham (18021A0220), Y. Sai Teja (18021A0208) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

Project Guide
Dr. S. SIVANAGARAJU,
Professor of EEE,
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING UNIVERSITY COLLEGE OF ENGINEERING
KAKINADA (A)

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CERTIFICATE

This is to certify that the project entitled "Hardware Implementation of NVC and NLC for Five Level Cascaded H-Bridge Multilevel Inverter" is being submitted by Bommalata Varalakshmi (19025A0246), Chitikala Dhana Raju(19025A0236), Koppana Rakesh (19025A0245), Nalla Purusotham Naidu (18021A0216) in partial fulfillment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them 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 or diploma.

Project Guide

Dr. Ch. Sai Babu,
Professor in Dept. of EEE &
Director-Academic Audit,
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Head of the Department

Dr. K. Sri Kumar,
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Professor & Head
Dept. of Elec. & Electronics Engg.
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REGISTRAR
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA - 533003 (A.P)

2018-2022



CERTIFICATE

This is to certify that the project entitled "Design of Shunt Hybrid Active Power Filter to Reduce Harmonics on AC Side Due to Non Linear Loads", which is being Submitted by BALAGA SAI CHAITANYA(18021A0218), MOKA ROCHISHNU(18021A0202), MAMIDISETTI SAI KISHORE(18021A0226), TEJAVATH SINDHU(18021A0217), MUDAVATH MUNI NAIK(19025A0253) in the partial fulfilment of requirements for the award of the Degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada, India is a record of bonafide work carried out by them under my guidance and supervision.

The results in this project have not been submitted elsewhere for the award of any degree or diploma.

MAY
31/05/2022

Project Guide

Dr.M.NAGESWARA RAO,

Professor of EEE,

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Dr.Srikumar,

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)



CERTIFICATE

This is to certify that the project entitled "SIMULATION OF THREE PHASE THREE LEVEL INVERTER USING IGBT WITH SPWM CONTROL" that is being submitted by B. Silpa (19025A0239), Ch. Satyavathi (19025A0234), B. Kalyan Sriram(19025A0242), Y. Manoj Kumar (18021A0231), T. Venkata Teja(18021A0230) in partial fulfilment of the requirements for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering** to the **University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them 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 or diploma.

Project Guide

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)

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CERTIFICATE

This is to certify that the project entitled "WAVECT BASED IMPLEMENTATION OF SPWM TECHNIQUES FOR 3-LEVEL INVERTER WITH INDUCTION MOTOR LOAD" that is being submitted by G. Vishnu Prasad (19025A0249), K. N. K. D. Sri Rajini (19025A0250), B. Ashok (19025A0243) K. Chaitanya Veerreddy (18021A0212), J. Vijay Kumar (18021A0232) in partial fulfilment of the requirements for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering to the University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under my guidance and supervision.

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B. Nares

Project Guide:

Shri B.NARESH M.Tech (PH. D),
Associate Professor of EEE,
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[Signature]
1/6/22

Head of the Department

Dr. K. SRIKUMAR,
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