

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR : 2023 - 24

INTERNSHIP-PROJECT DATA

Company Name: NIT-AP, Tadepalligudem

S.NO.	NAME	ROLL NUMBER	YEAR OF STUDY	TITLE OF THE INTERNSHIP-PROJECT DONE	FROM DATE	TO DATE	DURATION
1	MARTHINENI RITHWAK	20501A0247	IV	Single Phase Fault Tolerant Multilevel Inverter	20-12-2023	25-03-2024	3 Months
2	KORADA PRATYUSHA	20501A0235	IV	Single Phase Fault Tolerant Multilevel Inverter	20-12-2023	25-03-2024	3 Months
3	LANKA TULASI LAKSHMI	21505A0212	IV	Single Phase Fault Tolerant Multilevel Inverter	20-12-2023	25-03-2024	3 Months
4	AINAPARTHI PRAVEEN BABU	20501A0202	IV	Single Phase Fault Tolerant Multilevel Inverter	20-12-2023	25-03-2024	3 Months
5	BANDARU MANIKANTA	21505A0201	IV	A Quadratic High Gain Unidirectional DC-DC Convertor for EV Application	20-12-2023	25-03-2024	3 Months
6	JUBBURI PRASANTH KUMAR	21505A0207	IV	A Quadratic High Gain Unidirectional DC-DC Convertor for EV Application	20-12-2023	25-03-2024	3 Months
7	DANABOYINA SRIVIDYA	20501A0215	IV	A Quadratic High Gain Unidirectional DC-DC Convertor for EV Application	20-12-2023	25-03-2024	3 Months



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8	MENDU KAVYA	20501A0250	IV	A Quadratic High Gain Unidirectional DC-DC Converter for EV Application	20-12-2023	25-03-2024	3 Months
9	KOMARA PRATHYUSHA	20501A0232	IV	MPPT in PV Systems under Partial Shading Conditions	20-12-2023	25-03-2024	3 Months
10	KARANAM NAVEEN	20501A0225	IV	MPPT in PV Systems under Partial Shading Conditions	20-12-2023	25-03-2024	3 Months
11	MARINGANTI S V S N R YASHODA	20501A0246	IV	MPPT in PV Systems under Partial Shading Conditions	20-12-2023	25-03-2024	3 Months
12	KOTE KEERTHI	20501A0236	IV	MPPT in PV Systems under Partial Shading Conditions	20-12-2023	25-03-2024	3 Months
13	MADU LOHITHA	20501A0243	IV	Converter for Integration of V2G and G2V Applications	20-12-2023	25-03-2024	3 Months
14	MURAHARISSETTY AKSHAYA	20501A0253	IV	Converter for Integration of V2G and G2V Applications	20-12-2023	25-03-2024	3 Months
15	EDDU LAVANYA	21505A0203	IV	Converter for Integration of V2G and G2V Applications	20-12-2023	25-03-2024	3 Months
16	KUPPALA DINDI VARDHAN	21505A0211	IV	Converter for Integration of V2G and G2V Applications	20-12-2023	25-03-2024	3 Months



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No. NITANP/CRTDH-ERE/INTERN/2024/03

Date: 06 April 2024

Certification of Appreciation

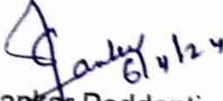
This certifies that the following students from the EEE Department of Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada- 520 007, has successfully completed an internship and did the project titled "SINGLE PHASE FAULT TOLERANT MULTILEVEL INVERTER" in CRTDH laboratory, NIT Andhra Pradesh during 20th December, 2023 to 25th March, 2024.

S.No.	Reg. No.	Name
1	20501A0247	MARTHINENI RITHWAK
2	20501A0235	KORADA PRATYUSHA
3	21505A0212	LANKA TULASI LAKSHMI
4	20501A0202	AINAPARTHI PRAVEEN BABU


During this period, the above project team has demonstrated exceptional dedication, enthusiasm, and a strong willingness to learn. They actively engaged in prototyping of single five-level inverter and developed fault tolerant multi-level inverters.

We wish them the best of luck in their future endeavours.

Date: 06-04-2024


Dr. Sankar Peddapti
Supervisor and Project Manager
CRTDH-NIT Andhra Pradesh




Dr. V. Sandeep
Project Manager
CRTDH-NIT Andhra Pradesh



No. NITANP/CRTDH-ERE/INTERN/2024/01

Date: 06 April 2024

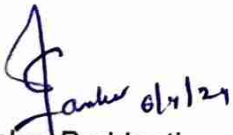
Certification of Appreciation


This certifies that the following students from the EEE Department of Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada- 520 007, has successfully completed an internship and did the project titled "A QUADRATIC HIGH GAIN UNIDIRECTIONAL DC-DC CONVERTER FOR EV APPLICATION" in CRTDH laboratory, NIT Andhra Pradesh during 20th December, 2023 to 25th March, 2024.

S.No.	Reg. No.	Name
1	21505A0201	BANDARU MANIKANTA
2	21505A0207	JUBBURI PRASANTH KUMAR
3	20501A0215	DANABOYINA SRI VIDYA
4	20501A0250	MENDU KAVYA

During this period, the above project team has demonstrated exceptional dedication, enthusiasm, and a strong willingness to learn. They actively engaged in developing a prototype of high gain dc-dc converters.

We wish them the best of luck in their future endeavours.


Dr. Sankar Peddapti
Supervisor and Project Manager
CRTDH-NIT Andhra Pradesh


Dr. V. Sandeep
Project Manager
CRTDH-NIT Andhra Pradesh





No. NITANP/CRTDH-ERE/INTERN/2024/02

Date: 06 April 2024

Certification of Appreciation


This certifies that the following students from the EEE Department of Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada- 520 007, has successfully completed an internship and did the project titled "MPPT IN PV SYSTEMS UNDER PARTIAL SHADING CONDITIONS" in CRTDH laboratory, NIT Andhra Pradesh during 20th December, 2023 to 25th March, 2024.

S.No.	Reg. No.	Name
1	20501A0232	KOMARA PRATHYUSHA
2	20501A0225	KARANAM NAVEEN
3	20501A0246	MARINGANTI S V S N R YASHODA
4	20501A0236	KOTE KEERTHI

During this period, the above project team has demonstrated exceptional dedication, enthusiasm, and a strong willingness to learn. They actively engaged in developing MPPT algorithms in PV system to track global peak under partial shaded conditions.

We wish them the best of luck in their future endeavours.

Date: 06-04-2024


Dr. Sankar Peddapti
Supervisor and Project Manager
CRTDH-NIT Andhra Pradesh


Dr. V. Sandeep
Project Manager
CRTDH-NIT Andhra Pradesh





No. NITANP/CRTDH-ERE/INTERN/2024/04

Date: 06 April 2024

Certification of Appreciation

This certifies that the following students from the EEE Department of Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada- 520 007, has successfully completed an internship and did the project titled "BIDIRECTIONAL DC-DC CONVERTER FOR INTEGRATION OF V2G AND G2V APPLICATIONS" in CRTDH laboratory, NIT Andhra Pradesh during 20th December, 2023 to 25th March, 2024.

S.No.	Reg. No.	Name
1	20501A0243	MADU LOHITHA
2	20501A0253	MURAHARISSETTY AKSHAYA
3	21505A0203	EDDU LAVANYA
4	21505A0211	KUPPALA DINDI VARDHAN

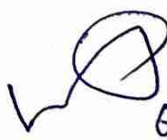
During this period, the above project team has demonstrated exceptional dedication, enthusiasm, and a strong willingness to learn. They actively engaged in developing grid integrated bidirectional converters supporting V2G and G2V applications.

We wish them the best of luck in their future endeavours.

Date: 06-04-2024


Dr. Sankar Peddapti
Supervisor and Project Manager
CRTDH-NIT Andhra Pradesh




Dr. V. Sandeep
Project Manager
CRTDH-NIT Andhra Pradesh