

**Visvesvaraya Technological University**  
**Jnana Sangama, Belagavi, Karnataka-590018**



Mini project report on

**“DESIGN AND IMPLEMENTATION OF 200 A  
INDUSTRIAL INVERTER WELDING  
MACHINE”**

Submitted in the partial fulfilment of the requirements for the award of Degree

Bachelor of Engineering in

Electronics and Communication Engineering

Submitted by

**Sangeetha A**

**4GK21EC034**

**Spoorthi C R**

**4GK21EC042**

**Suhana B H**

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Under the guidance of

**Dr. Shanmugam M**

**Assistant Professor**



**Department of Electronics & Communication Engineering**

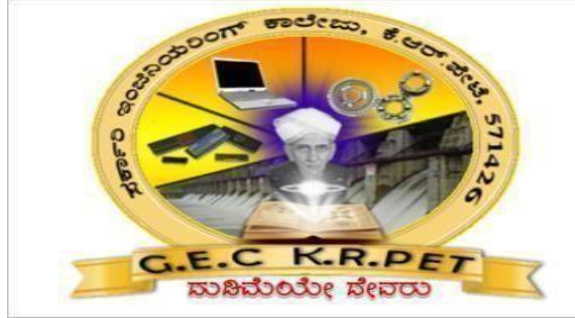
**K. R. Pet Krishna Government Engineering College,**

**K R Pet-571426**

**2023-2024**

**K. R. Pet Krishna Government Engineering College, K R Pet**

**Department of Electronics and Communication Engineering**



**CERTIFICATE**

This is to certify that the Mini Project Work entitled “**DESIGN AND IMPLEMENTATION OF 200A INDUSTRIAL INVERTER WELDING MACHINE**” carried out by **Sangeetha A** (4GK21EC034), **Spoorthi C R**(4GK21EC042),**Suhana B H** (4GK21EC044),**Varun L R** (4GK22EC413),are bonafide students of KR Pete Krishna Government Engineering college, K. R Pete, submitted in partial fulfillment for award of Degree, Bachelor of Engineering in Electronics and Communication Engineering from Visvesvaraya Technological University, Belagavi during the year 2023-2024. It is also certified that all the corrections/Suggestions indicated for internal assessments have been incorporated in the report. The Project Report has been approved as it satisfies the academic requirements prescribed for the said degree.

**Signature of Guide**

**Signature of HOD**

**Signature of Principal**

**External Viva**

**Name of Examiner**

**Signature with date**

1)

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2)

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## **ACKNOWLEDGMENT**

We feel great pleasure in submitting this Project Work Report on "Design and Implementation of 200A Industrial Inverter Welding Machine". The successful completion of any task would be incomplete without the mention of people, who made it possible and whose support had been constant sources of encouragement which crowned our efforts with success

Guidance and deadlines play a very important role in successful completion of the Mini Project report on time. We convey our gratitude to my guide and Mini project Co-ordinator **Dr. Shanmugam M**, Assistant Professor, Department of Electronics and Communication Engineering for providing constant inputs and giving feedback, without which would not have been possible to complete this Mini project successfully.

I am extremely grateful to thank **Dr. Nagabhushana H M**, Associate Professor and HOD, Department of Electronics and Communication Engineering, for providing constant inputs and giving feedbacks.

I express my respect and gratitude to our honourable Principal **Dr. K R Dinesh**, K R Pet Krishna Government Engineering College, K R Pet, for his motivation and moral support in my academic endeavours.

I also thank my Department faculty / staff members both Teaching and non-teaching staff, Friends and my parents for their encouragement and support for this Internship. All are very inspirational for us, so with due regards, we express our sincere gratitude to all the persons who are directly or indirectly supported our Mini project.

<b>Sangeetha A</b>	<b>4GK21EC034</b>
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## **DECLARATION**

We, **Sangeetha A**(4GK21EC034), **Spoorthi C R**(4GK21EC042), **Suhana B H** (4GK21EC044), **Varun L R** (4GK22EC413), are respectively studying in the 6th semester of Bachelor of Engineering in Electronics and Communications Engineering at K R. Pete Krishna Government Engineering College, KR Pet, Mandya. Hereby declare that project work entitled " Design and Implementation of 200A Industrial Inverter Welding machine " has been carried out under the supervision of **Dr. Shanmugam M**, Assistant Professor. KR Pete Krishna Government Engineering College, K R. Pet, Mandya for the partial fulfillment of the requirement for award of the degree in Electronics and Communication Engineering from Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. further state that the matter embodied in the project report has not been submitted previously by anybody to any other university for the awarding degree.

**Place:** K. R. Pet

**Sangeetha A      4GK21EC034**

**Spoorthi C R    4GK21EC042**

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