

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Accredited by NAAC and affiliated to Jawaharlal Nehru Technological University, Kakinada)
Surampalem-533437, Peddapuram, E.G.Dt., AP

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the thesis/dissertation entitled “**PERFORMANCE CHARACTERISTIC ANALYSIS OF HEAT RECOVERY IN V.A.R.S GENERATOR BY USING EXHAUST GAS OF IC ENGINE**” is being submitted by Mr. **JAMI PAPARAO** bearing Regd...No **15P31D2103** in partial fulfillment for the award of **MASTER OF TECHNOLOGY** in **THERMAL ENGINEERING** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him/her under our guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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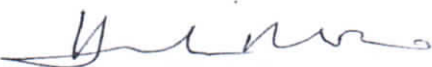
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This is to certify that the thesis entitled **EXPERIMENTAL AND CFD ANALYSIS ON DOUBLE PIPE HEAT EXCHANGER USING PLAIN TWISTED TAPE INSERTS** is being submitted by **Mr. KOMARTHI GANGADHAR** bearing **Regd. No 15P31D2105** in partial fulfilment for the award of **MASTER OF TECHNOLOGY** in **THERMAL ENGINEERING** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him under our guidance and supervision.

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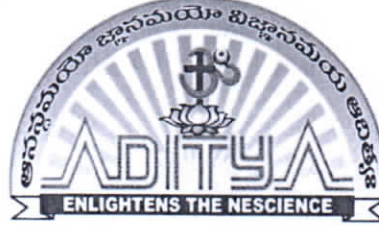
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CERTIFICATE

This is to certify that the thesis/dissertation entitled "THERMAL ANALYSIS OF SHELL AND TUBE HEAT EXCHANGER USING CORRUGATED TUBE AND CORRUGATED SHELL" is being submitted by Miss. **MONDRETI MAKARA JYOTHI** bearing Regd...No **15P31D2108** in partial fulfilment for the award of **MASTER OF TECHNOLOGY** in **THERMAL ENGINEERING** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by her under our guidance and supervision.

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