



## FACULTY OF ENGINEERING

*This is to certify that*

**Vara Prasad Bhemuni**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in*

**Mechanical Engineering**

*in this University, he/she having been declared to be*

*qualified to receive the same in* **2016**

*Given under the Seal of the University*



Visakhapatnam, Andhra Pradesh.

Date : 29<sup>th</sup> July, 2017

*[Signature]*

**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALEM**

*[Signature]*

**Vice-Chancellor**