



**GOA UNIVERSITY**



*This is to certify that*

*Narayan Tulshidas Vetrekar*

*son of*

*Shri Tulshidas Narayan Vetrekar*

*and*

*Smt. Shobhavati Tulshidas Vetrekar*

*from Department of Electronics*

*has been conferred the degree of*

***Doctor of Philosophy***

*in Electronics*

*having passed the qualifying examination held in December, 2018*

*Given under the seal of the University.*

*Declaration of Result : 7th December, 2018  
Taleigao Plateau - Goa*



*Narayan Jadhav*  
***Vice - Chancellor***