

# Rashtrasant Tukadoji Maharaj Nagpur University

"Established by Government of Central Provinces Education Department by Notification No. 613 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-credited 'A' Grade by NAAC



## Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

*This is to certify that  
Shri Rajendra Vithal Babar having been found to be  
duly qualified on examination of the thesis entitled  
"Design of a FPGA Based Power Efficient Wireless  
Communication System using Multi-Rate Sampling in  
Software Defined Radio (SDR)" was admitted to the  
degree of Doctor of Philosophy (विज्ञान व तंत्रज्ञान  
आचार्य) in the Faculty of Science and Technology  
in the Subject of Electronics Engineering in this  
University in the year 2020.*

ATTESTED

Nagpur



Dated: 18-1-2020

PRINCIPAL

SINHGAD INSTITUTE OF TECHNOLOGY  
Kusgaon (Bk.), Lonavala - 410 401

Vice-Chancellor

107<sup>th</sup> Convocation 2020

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