

# इन्वर्टिस विश्वविद्यालय

**INVERTIS**  
UNIVERSITY BAREILLY

बरेली, उत्तर प्रदेश, भारत

गौरव गुप्ता

को एतद्वारा

बायोटेक्नोलॉजी विषय में विद्या वाचस्पति

की उपाधि प्रदान करता है।

विद्या-परिषद् की अनुशंसा पर यह उपाधि,

अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर

तथा दिसंबर 2020 में अपने शोध-प्रबंध

“जेनेटिक्स ऑफ़ डिप्रेशन एंड सुसाइड इन IDU-MISHMI हाई रिस्क ट्राइबल पापुलेशन फॉम नार्थ-ईस्ट इंडिया”

के सफल पक्षपोषण के उपरांत

आज 20 नवम्बर 2021 को दी गई है।

## INVERTIS UNIVERSITY

BAREILLY UTTAR PRADESH, INDIA

*Upon the recommendation of the Academic Council,  
the University hereby confers the degree of*

**Doctor of Philosophy in Biotechnology**

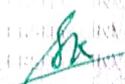
*Upon*

**Gaurav Gupta**

*who has fulfilled the requirements for the degree as prescribed under the regulations  
and successfully defended in Dec-20, the thesis entitled:*

**“GENETICS OF DEPRESSION AND SUICIDE IN IDU-MISHMI: HIGH RISK TRIBAL  
POPULATION FROM NORTH-EAST INDIA”**

*Given this day, on November 20, 2021.*

  
Registrar  
Invertis University  
Bareilly

कुलसचिव  
REGISTRAR

  
कुलपति  
MICE CHANCELLOR



  
कुलाधिपति  
MNC CHANCELLOR

## CERTIFICATE OF SUPERVISOR(S)

This is to certify that the thesis entitled "Genetics of depression and suicide in Idu-Mishmi: high risk tribal population from North-East India" submitted by Mr. Gaurav Gupta for the award of Degree of Doctor of Philosophy in Biotechnology is a record of authentic work carried out by him under our joint supervision. The matter embodied in the thesis is the original work of the candidate and has not been submitted for the award of any other degree or diploma anywhere else. It is further certified that he has worked with us for the required period of time at the Department of Biotechnology, Faculty of Biosciences and Biotechnology, Invertis University, Bareilly and Genome Foundation, Hyderabad.

  
16/12/2020

Signature of the Supervisor  
**Dr. Ravi Deval**  
Associate Professor  
Department of Biotechnology  
Invertis University, Bareilly

**DR. RAVI DEVAL**

Associate Professor & Former Head  
of Department (HOD)  
Department of Biotechnology  
Invertis University,  
Bareilly

  
Signature of the Co-Supervisor

**Prof. V. R. Rao MSc: PhD**  
Director of Research  
Genome Foundation  
Hyderabad

**PROF. V.R. RAO**

Director of Research, Genome  
Foundation & Former ICMR Emeritus  
Medical Scientist, Genetics  
Department, Osmania University,  
Hyderabad

  
Registrar  
Invertis University  
Bareilly