

इन्वर्टिस विश्वविद्यालय

INVERTIS
UNIVERSITY BAREILLY

बरेली, उत्तर प्रदेश, भारत

सौरभ 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 अक्टूबर 2017 में अपने शोध-प्रबंध

“एक्सप्रेशन प्रोफाइलिंग ऑफ इलॉगसस एंड इफेक्ट ऑफ एलोवल 6 ओवर एक्सप्रेशन ड्यूरिंग एडिपोजेनिक डिफरेंसिएसन ऑफ मेसेनकाइमल स्टेम सेल”

के सफल पक्षपोषण के उपरांत

आज 01 जनवरी, 2018 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

Saurabh Gupta

*who has fulfilled the requirements for the degree as prescribed under the regulations
and successfully defended in October 2017, the thesis entitled:*

**“Expression profiling of elongases and effect of elovl6 over expression during adipogenic
differentiation of mesenchymal stem cell”**

Given this day, on January 01, 2018.





Registrar
Invertis University
Bareilly




कूलपति
VICE CHANCELLOR


कूलसचिव
CHANCELLOR


कूलसचिव
REGISTRAR

INVERTIS UNIVERSITY, BAREILLY
Report of Ph D Thesis Viva Voce Examination

Date: 03.10.2017

Name of the Candidate: Saurabh Gupta Student ID: PHB2014003

Topic: EXPRESSION PROFILING OF ELONGASES AND EFFECT OF ELOVL6 OVER EXPRESSION DURING ADIPOGENIC DIFFERENTIATION OF MESENCHYMAL STEM CELL

Name of Department: Biotechnology

Date of Registration / URDC: 25.07.2015

Enrollment No. 140241

Date of Viva Examination: 03.10.2017

Report of The Oral Board

Comments..... *The presented his work effectively and answered the questions adequately to satisfaction of Viva examination Board.*

(Use separate sheet if required)

The Candidate has PASSED / ~~TO RE-APPEAR~~ / ~~FAILED~~

Viva Voce Examination Committee:

1. Prof. J. Rai (Vice Chancellor-Chairman)..... *J. Rai* 03.10.17
2. Prof. Ramasare Prasad (External Expert- IIT Roorkee)..... *Ramasare Prasad* 03.10.17
3. Dr. Y D S Ary(Director Engineering)..... *Y D S Ary* 3.10.17
4. Dr Ravi Deval(HOD)..... *Ravi Deval* 3.10.17
5. Dr R K Shukla (Dean Engineering)..... *R K Shukla* 3.10.17
6. Dr Sanjeev Maurya (Supervisor)..... *Sanjeev Maurya* 03/10/2017

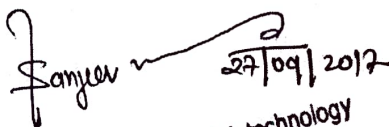
Ph D Coordinator *Saurabh Gupta* 03-10-17

[Signature]
Registrar
Invertis University
Bareilly

[Signature]
13.10.17
Approved by Vice Chancellor

Certificate of the Supervisor


This is to certify that thesis entitled “**Expression Profiling of Elongases and Effect of ELOVL6 Over Expression during Adipogenic Differentiation of Mesenchymal Stem Cell**” submitted by **Mr. Saurabh Gupta** (Roll No. 1440810003) for the award of Degree of **Doctor of Philosophy** in the Department of Biotechnology, Invertis University, Bareilly is a record of authentic work carried out by him under my supervision. The matter embodied in this thesis is the original work of the candidate and has not been submitted for the award of any other degree and diploma. It is further certified that he has worked with me for required period in the Department of Biotechnology, Invertis University, Bareilly.

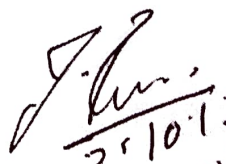

27/09/2017

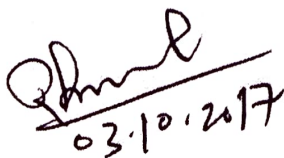
(Signature of Supervisor)
Department of Biotechnology
Invertis University, Bareilly
Dr. Sanjeet Kumar Maurya
Assistant Professor,
Department of Biotechnology,
Invertis University, Bareilly


Date: 29/09/2017

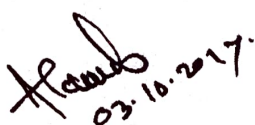
It is to further certify that the viva voce examination was held on03.10.2017... and the candidate was found suitable for the award of **Doctor of Philosophy** degree.

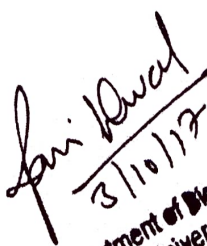

03/10/17


3.10.17
VICE CHANCELLOR
INVERTIS UNIVERSITY
BAREILLY


03.10.2017


3.10.2017


03.10.2017


3/10/17
Department of Biotechnology
Invertis University, Bareilly


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