

क्रमांक / Serial No. 9

नामांक नं० / Enrollment No. 161569

रजिस्ट्रेशन नं० / Roll No. 1640130002



# इन्वर्टिस विश्वविद्यालय

**INVERTIS**  
UNIVERSITY BAREILLY

बरेली, उत्तर प्रदेश, भारत  
कसेरिका मसिवी सेमुअल  
को एतद्वारा  
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 अगस्त 2019 में अपने शोध-प्रबंध

“ए नॉवेल अप्रोच टू डिजाइन ए डिस्ट्रीब्यूटेड डेटाबेस यूजिंग यूएमएल एण्ड मेराइज”

के सफल पक्षपोषण के उपरांत  
आज 01 जनवरी, 2020 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**

*Upon*

**Kasereka Masivi Samuel**

*who has fulfilled the requirements for the degree as prescribed under the regulations  
and successfully defended in August 2019, the thesis entitled:*

**“A Novel Approach to Design a Distributed Database Using UML and Merise”**

*Given this day, on January 1, 2020.*

कुलसचिव  
REGISTRAR

Registrar  
Invertis University  
Bareilly

कुलपति  
VICE-CHANCELLOR

कुलाधिपति  
CHANCELLOR





August 19, 2019

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

Name of the Candidate : K M SAMUEL

Student ID: PHE2016006

Topic: A NOVEL APPROACH TO DESIGN A DISTRIBUTED DATABASE USING UML AND MERISE.

Name of Department: COMPUTER SCIENCES & ENGINEERING

Supervisor: Prof. R K Shukla

Date of Registration/URDC: 29.12.2016

Co-supervisor: Dr. R S Shukla

Enrolment No. 161569

**Report of The Oral Board**

**Comments:**

The candidate answered the questions raised by the committee. The award of the Ph.D degree is thus recommended.

(Use separate sheet if required)

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

PASSED.

**Viva Voce Examination Committee**

- |                       |                   |
|-----------------------|-------------------|
| 1. Prof. Y D S Arya   | Chairman          |
| 2. Dr. Divya Kumar    | External Examiner |
| 3. Prof. R K Shukla   | Dean Engineering  |
| 4. Dr. Ajay Indian    | Member            |
| 5. Dr. Gaurav Agarwal | Head, CS & E      |

*Y D S Arya* 19.8.19  
*Divya Kumar*  
*R K Shukla* 19.8.19  
*Ajay Indian*  
*Gaurav Agarwal* 19/08/19

Ph.D. Coordinator

*K M Samuel*  
19/08/19

*Y D S Arya* 19.8.19  
Approved by Vice Chancellor  
Invertis University, Bareilly

*R K Shukla*  
Registrar  
Invertis University  
Bareilly

# CERTIFICATE

This is to certify that the thesis entitled *A Novel Approach to Design a Distributed Database using UML and MERISE* submitted by Kasereka Masivi Samuel for the award of Degree of **Doctor of Philosophy** to Faculty of **Engineering and Technology** of Invertis University, Bareilly is a record of authentic work carried out by him under our 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 or Diploma.

It is further certified that he has worked with us for the required period in the Faculty of Engineering and Technology, Invertis University, Bareilly

Supervisor



Dr. R. S. Shukla

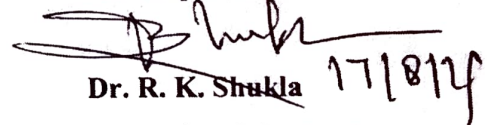
Professor, Department of Computer Science &  
Engineering, Invertis University, Bareilly, UP

INDIA

&

Saudi Electronic University, KSA

Co-Supervisor



Dr. R. K. Shukla

Dean - Engineering & Technology  
Invertis University, Bareilly, UP

INDIA



Registrar  
Invertis University  
Bareilly