

**Effectiveness of ICT Integrated Teaching in Achieving  
Learning Outcomes in Biological Science of  
Grade 9<sup>th</sup> Students**

**Dissertation Submitted to Barkatullah University, Bhopal  
In Partial Fulfilment of the required for the Degree of  
Integrated B. Ed. M. Ed  
Session: 2018-2021**

**GUIDED BY**

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Bhopal, Madhya Pradesh



**DEPARTMENT OF EDUCATION  
REGIONAL INSTITUTE OF EDUCATION  
(National Council of Educational Research and Training)  
BHOPAL-462002, MADHYA PRADESH**

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## **CERTIFICATE**

This is to certify that the dissertation entitled **Effectiveness of ICT integrated teaching in achieving learning outcomes in biological science of grade 9<sup>th</sup> students** being submitted by **Saswati Priyadarshani Biswal**, student of **Integrated B.Ed-M.Ed** bearing Roll Number **190660638** and Enrollment Number **R190664070035**, Regional Institute of Education Bhopal (M.P.) for the partial fulfilment of the degree of Integrated B.Ed-M.Ed, is a bona fide research carried out by her in the Department of Education, Regional Institute of Education Bhopal (M.P.) under my supervision and guidance. The work is original and it has not been submitted earlier in any form for any degree at any university.

I further certify Saswati Priyadarshani Biswal, a bona fide student with good moral character and wishing her to reach the pinnacle of success.

  
19.7.202

**DR. SANJAY KUMAR PANDAGALE**

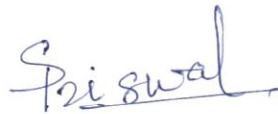
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## DECLARATION

I, Saswati Priyadarshani Biswal hereby declare that the dissertation entitled **Effectiveness of ICT integrated teaching in achieving learning outcomes in biological science of grade 9<sup>th</sup> students** submitted to Regional Institute of Education, Bhopal in partial fulfilment of **Degree of Integrated B.Ed-M.Ed** is a record of original and independent research work done by me under the supervision and guidance of **Dr. Sanjay Kumar Pandagale**, Associate Professor, Department of Education, Regional Institute of Education Bhopal, Madhya Pradesh. The dissertation is the original work and has not been submitted to any other university or college for any other degree and has never been published earlier.



**SASWATI PRIYADARSHANI BISWAL**

**Integrated B.Ed-M.Ed**

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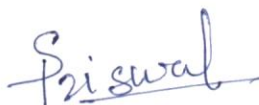
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**SASWATI PRIYADARSHANI BISWAL**

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