

A MAJOR RESEARCH PROJECT REPORT ON

**“Urban Sprawl Modeling Based on Remote Sensing, GIS and
Markov CA in Johannesburg City”**

Submitted to the
University of Mysore for the fulfilment and award of
Masters of Science degree in Geographical Information System (GIS)



Submitted by,
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SEPTEMBER - 2020

CERTIFICATE

This is to certify that Mr. ARTHUR BONOKUHLE MANQELE with Register No: GS11004 has completed his fourth Semester's Major Research Project on the topic "Urban Sprawl Modeling Based on Remote Sensing, GIS and Markov CA in Johannesburg City" satisfactorily for the award of Masters of Science in Geographical Information System (GIS) during the year September 2020.

Rekha HV
Signature *24/9/2020*

Dr Rekha H V,
Research Supervisor,

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Dr. Ramu,
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Internal Examiners

Name:

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SEPTEMBER - 2020