

A
Project Report
On
MAPPING METHODOLOGY OF PUBLIC URBAN GREEN SPACES USING GIS: AN EXAMPLE OF NAGPUR CITY, INDIA

SUBMITTED AS THE PARTIAL FULFILLMENT OF DEGREE OF

Master of Science in Geoinformatics

Submitted By

POOJA KUMARI PRAJAPATI

ID No.: 19GI14

Exam No.: 11

Under the Guidance of

Dr. UNNATI PATEL



Estd. 1999

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**INSTITUTE OF SCIENCE & TECHNOLOGY FOR
ADVANCED STUDIES & RESEARCH (ISTAR)**

**SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR-388120**

**Mapping Methodology of Public Urban Green
Spaces Using GIS: An Example of Nagpur City, India**

**By
Pooja kumari Prajapati**

Submitted in partial fulfillment of requirements for the degree of:

MASTER OF SCIENCE IN GEOINFORMATICS

For the dissertation of project work done during the period of December 2020 to
March 2021

Under the supervision of:

Mr. Vaibhav Patel, GIS Engineer, design point consulting Surat

Dr. Unnati Patel, Faculty of Msc. Geoinformatics, ISTAR, SPU



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DECLARATION

I Pooja k. Prajapati, hereby declare that the thesis entitled “ **URBAN GREEN SPACE MAPPING**” is being submitted in the partial fulfillment of the dissertation work done for the award of **Master of Science in Geoinformatics**.

The research work has been conducted under the guidance of Mr. Vaibhav Patel (GIS Engineer), at Central Computing Facility (CCF) Lab, Geographic Information Technology and Distance Learning (GT/DL) department of Design Point Consulting Surat.

The project is Completed sincerely under the supervision of Dr. Unnati Patel, faculty of M.SC. Geoinformatics, Institute of Science and Technology for Advance Studies and Research (ISTAR), affiliated to Sardar Patel University (SPU), Vallabh Vidya Nager.

Signature

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Date: April 28, 2021

This is to certify that Miss Pooja Kamari Pragnapati, a student of M.Sc. Geoinformatics in Institute of Science & Technology for advanced studies & Research, she has completed her internship from 08th December, 2020 to 08th April, 2021 at this firm.

During her stay here, she has shown positive attitude, skills as a committed, hardworking and creative toward full stack to learn basic of GIS, different coordinates system, basic of development plan and town planning scheme, application of Arc GIS in town planning and tools of Arc GIS like Georeferencing, buffer analysis, attribute data filling, different kind of format etc. She has a jubilant personality and always contributes positively towards a rift free work environment.

We wish her a pleasant and successful life ahead.

Thanking you,

Yours truly,

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CERTIFICATE

This is to certify that Mr. / Miss **POOJA KUMARI** Exam Number **11**, student of M.Sc. Geoinformatics, Institute of Science & Technology for Advanced Studies & Research, Vallabh Vidyanagar, Gujarat has carried out his/her 4th semester project work - (PS04CGIN21) in M.Sc. Geoinformatics from 08/12/2020 to 08/04/2021 as a partial fulfillment of Master of Science in Geoinformatics affiliated to Sardar Patel University.

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“Always be a work in progress.” Emily Lillian