



**2 YEARS POST GRADUATE PROGRAMME**

# **Master of Science in GEOINFORMATICS**

offered by

**Nagindas Khandwala College**

Autonomous | Affiliated to University of Mumbai



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**“The beautiful thing about learning is that no one can take it away from you”**

– B. B. King

# ABOUT COLLEGE

- Provides **16+ Under Graduate Programme, 7+ Post Graduate Programme and 3 Ph.D. Programme.**
- Ranked **12th at all India level** by Education World Magazine in 2020-2021.
- Ranked **5th at Maharashtra level** by Education World Magazine in 2019-2020 and 2020-2021.
- Ranked **First** among India's Top 10 private higher education institutions for '**BEST MANAGEMENT PRACTICES & SYSTEMS**' in the Education World India Higher Education Grand Jury Award 2020-21.
- Ranked **33rd at all India level** by Education World Magazine in 2019-2020.
- **Best College Award** for Quality in Education by Indo Global Chamber of Commerce.
- **Best Educational Quality Enhancement Team President Award**, 2013.
- **I.M.C. Ramkrishna Bajaj National Quality Commendation Certificate**, 2013.
- **Educational Excellence Award** by Indus Foundation, U.S.A.
- **Best College Award** 2012 by University of Mumbai.
- Received **Autonomous** Status in 2016-17.
- Re-Accredited by NAAC in 3rd Cycle with **A Grade**.
- **ISO 9001:2015 Certified**

**Dr. Mrs. Ancy Jose**  
**Principal**



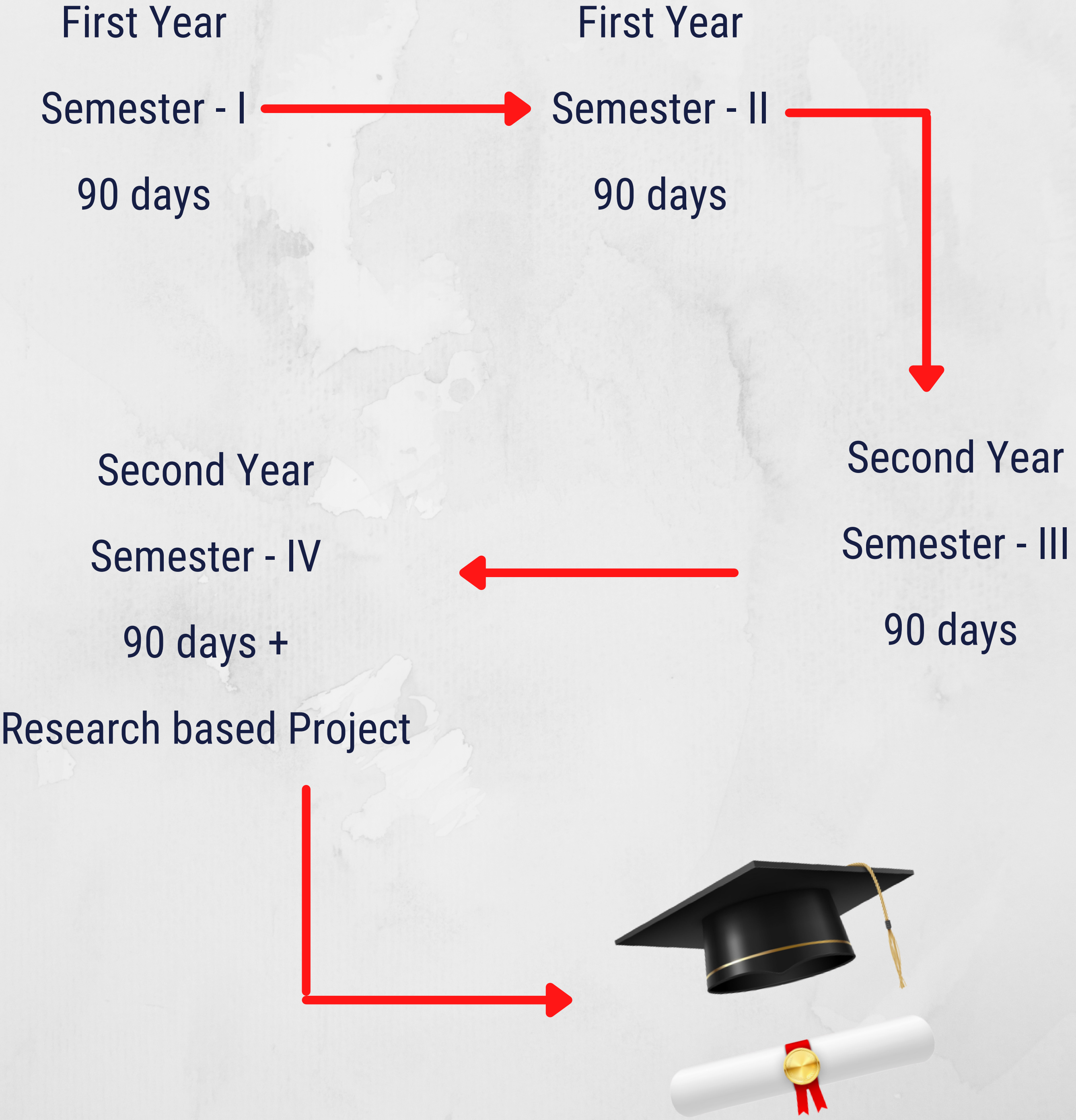
# ABOUT PROGRAMME

- Master of Arts is a **2 year Post Graduate Programme** consisting of **4 Semesters**.
- Appropriate **Software and Cartographical maps** are used to have hands on experience.
- Gain knowledge of widely used Programming Language "**Python**" with a blend of **Data Management**.
- Learn from **Experienced Team of Faculties**.
- This programme at Nagindas Khandwala College promotes **holistic development of students**.
- We also provide **Placement Assistance** at our College Campus.

**Dr. Moushumi Datta**  
**Professor & Vice Principal**  
**Programme Coordinator**



# LEARNING PATH



# PROGRAMME CURRICULUM

## Semester I

- Fundamentals of Remote Sensing
- Fundamentals of the Earth's System
- Fundamentals of Mathematics
- Fundamentals of Computers
- Tools and Techniques in Geoinformatics – I
- Tools and Techniques in Geoinformatics – II

## Semester II

- Introduction to Geo Informatics
- Spatial Analysis on Statistical Methods
- Digital Image Processing
- Programming with Python
- Tools and Techniques in Geoinformatics – III
- Tools and Techniques in Geo Informatics – IV

## Semester III

- Research Methodology
- Advances in Remote sensing and advanced Techniques in Spatial Data Processing.
- Advances in GIS
- Web Designing
- Project

## Semester IV

- Geoinformatics and Health Care
- Data Base Management System
- Project

# PROGRAMME DETAILS


**Duration:**

**2 Years**

**Eligibility:**

**BA/BSc Degree Examination or BE Civil Engineering/ B. Arch in Architecture or any Information Technology related fields.**

To register yourself, contact: **Prof. Dr. Moushumi Datta**

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