

Siddhika S. Sangare

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PROFESSIONAL SUMMARY

Dynamic and student-focused Assistant Professor with academic and research experience in Mathematics and Statistics. Proficient in curriculum development, classroom instruction, and academic mentoring. Passionate about fostering analytical thinking and research orientation among students.

SKILLS

- **Soft Skills:** Dynamic and student-focused Assistant Professor with academic and research experience in Mathematics and Statistics. Proficient in curriculum development, classroom instruction, and academic mentoring. Passionate about fostering analytical thinking and research orientation among students.
- **Mathematical Skills:** Linear Algebra, Real Analysis, Complex Analysis, PDE, Topology, Statistics, Group Theory, Graph Theory, Ring Theory
- **Data Analysis Skills:** - Machine Learning, NLP, Data Visualization and tools, SQL, Excel, Python (NumPy, Pandas, Matplotlib, Scikit-learn), R, C lang.

PROFESSIONAL EXPERIENCE

Infosys Private Ltd., Pune – System Engineer

Jun 2020-Jun2025

- Conducted internal technical training on PLM systems and data handling tools.
- Managed Teamcenter customization, system efficiency, and cross-functional collaboration.
- Facilitated client meetings and created user documentation to enhance team productivity.
- Worked on **complex SQL queries** for data manipulation and data transformation.
- Leveraged **Microsoft Excel**, VBA, Pivot tables for data cleaning and data analyzing.
- Created dashboards for **data visualization** and insights.

MIT World Peace University, Pune – Teaching Intern (UG Mathematics)

Jan 2020-Jun 2020

- Delivered lectures and tutorials to UG students in core mathematics and statistics subjects.
- Designed assignments, supported evaluation processes, and conducted doubt-solving sessions.
- **Mentored** students on **career options** after Master's and guided them in placement preparation.
- **Assisted in academic events** and contributed to course delivery improvements.
- Judge – Presentation Competition at MIT-WPU: Judged student presentations and provided constructive academic feedback.

PROJECT

- Markov chain and its application
Mentor: Prof. Vaishali Saynkar | Team Size:6

CERTIFICATIONS

- [Google: Foundations: Data, Data, Everywhere](#) *Nov 2024*
- [Accenture North America Data Analytics and Visualization](#) *Dec 2024*
- [PwC Switzerland Power BI Course](#) *Dec 2024*
- [Coursera: Software Architecture for the Internet of Things](#) *Dec 2019*
- CDAC: Python Programming (Basics and File Handling) *Dec 2019*

SEMINAR/WORKSHOPS

- Vedic Mathematics by Gogate Joglekar College, Ratnagiri. *May 2016*
- National workshop on Group Theory and its Applications *Feb 2017*
- Linear Algebra by Bhaskaracharya Pratishthan, Pune. *Mar 2019*

EDUCATION

MIT World Peace University, Pune (91.6%) <i>Master of Science, Mathematics</i>	Pune, Maharashtra <i>2020</i>
Gogate - Joglekar College of Science, Ratnagiri (92.5%) <i>Bachelor of Science, Mathematics</i>	Ratnagiri, Maharashtra <i>2018</i>
Gogate - Joglekar College of Science, Ratnagiri (81%) <i>HSC</i>	Ratnagiri, Maharashtra <i>2015</i>
Patwardhan High School, Ratnagiri (92%) <i>SSC</i>	Ratnagiri, Maharashtra <i>2013</i>

PERSONAL DETAILS

Languages Known: English, Hindi, Marathi

Date of Birth: 04/04/1997

Address: Bandar Road, Ratnagiri.