



Vision

To impart knowledge of mathematics and computer sciences that serve to groom the academic potential of student and abreast with recent technological developments.

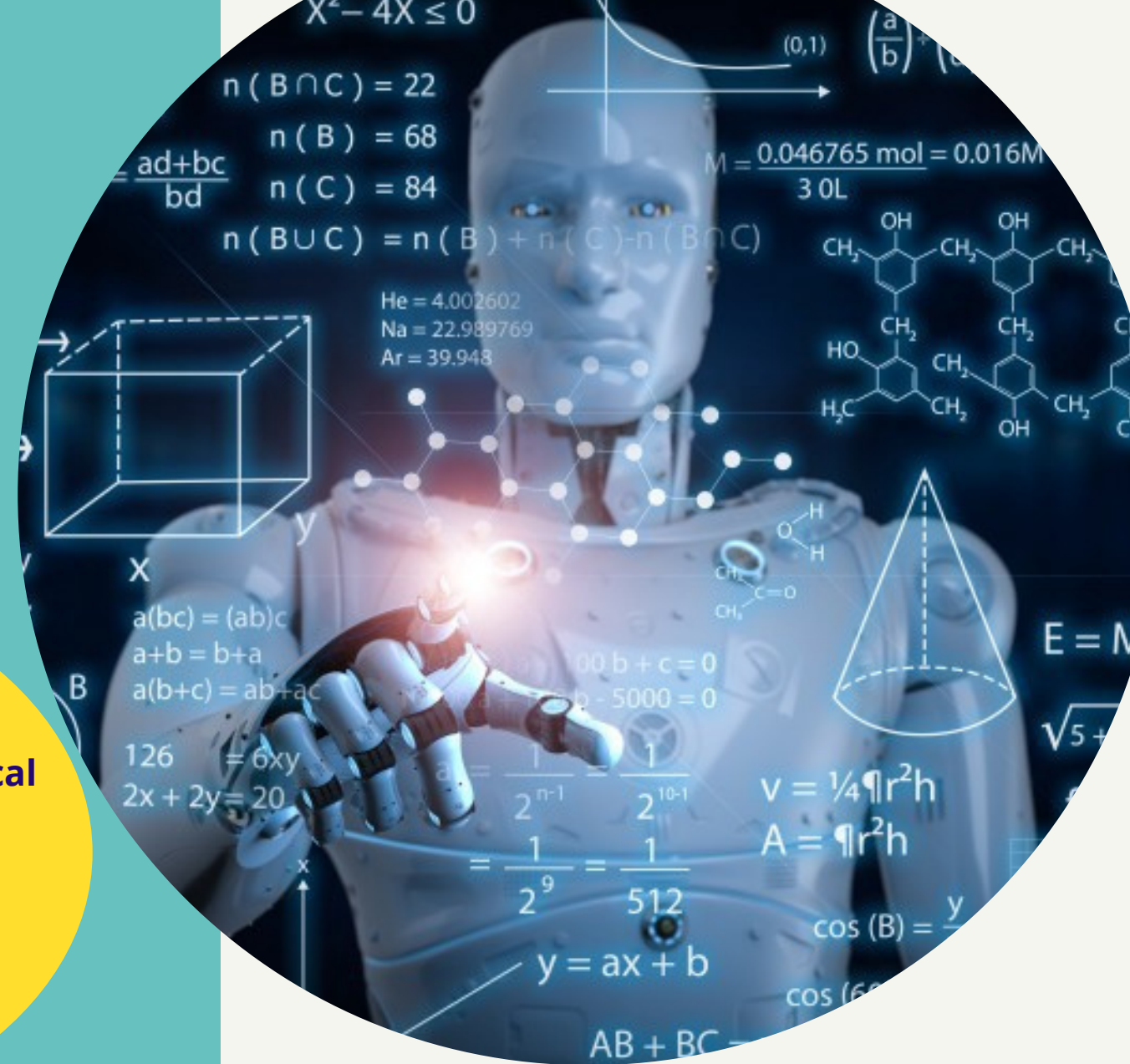
Mission

- To develop an ability towards critical questioning.
- To enhance logical attitude and aptitude ability.
- To nurture the computational aptitude on a global platform.

Admission

Enquiry

For admission and Department related queries, please refer to the institute website: www.mitsgwalior.in



**Madhav Institute of
Technology & Science,
Gwalior - 474005**

(A Govt. Aided UGC Autonomous & NAAC Accredited
Institute Affiliated to RGPV, Bhopal)

**B.Tech
in
Mathematics & Computing**



Course Introduction

The objective of this Program is for growing the students to determine the real world problems by combining the mathematical computational techniques. This programme is very popular among the JEE aspirants to pursue a promising career in industry. Mathematics & computing make the balance between theoretical and computational aspects of mathematics which enhance the learning aptitude of students to understand inside the computational techniques for nurturing their goals. Mathematics & computing are recently in great demand and will remain so due to the mostly use of computational techniques in our daily life which make significance difference between other branches of engineering graduates. Young and dynamic faculty members of the department have versatile experience both in teaching and research in various domains of mathematics & computing. The curriculum is designed in such a way that this program provides a perfect platform for the students those who seek strong mathematical and analytical approach with computational Techniques.

Job Opportunities in Industry

- Data scientist
- System Analyst
- Data Engineer
- Quantitative Researcher
- Applied Scientist
- Data Analyst (AI/ ML)
- Statistician
- Economic Researcher
- Business Data Analyst
- Meteorologist
- Information & Communications Technologist
- Financial Analyst
- Software Engineer
- Database Manager

Career/Job Prospects:

The graduates of this program will get opportunities in world renowned companies related to information technology, banking & finance, machine learning assisted technologies. The graduates could be Data Scientists in different domain.

We are expecting that program will help the students to bag post graduate and PhD programme in world renowned universities/Institutes in areas like Machine learning, Artificial Intelligence, Big Data, Mathematical Modeling, Economics and Finance, Image Processing and many more.

The advents of Big Data and Data Analytics have created opportunities for Startup Companies with very small partners/employees strength.

This program gives an opportunity to students a formidable combination of Mathematics & computing by concentrating on areas where Mathematics & computing are most relevant to each other.

Data science, AI, ML is bringing revolutionary changes in every nook of corner such as, e-commerce, healthcare, security, banking & finance, etc.

