

**B.TECH INTEGRATED (BTI) 6 year Engineering Program after 10<sup>th</sup>**  
**(Diploma + Degree) in Data Science from NMIMS Mukesh Patel School of Technology**  
**Management and Engineering (A.Y. 2021-22)**

Data Science is one of the fastest and most popular Domains that has emerged in this digital era due to multiple rationales'. As the amount of digital data is increasing Day-by-Day, every corporate business will require “**Qualified Data Science Engineer**” who can administer the huge amount of data, Clean & Sterilize it using tools, perform Algorithm implementation with programming language of dynamic semantics, plan and built models, communicate the decree with the help of data visualization tools. This is just one feature. There are many more characteristics to it.

Data Science is purely application based – finding its requisition in all the sectors like Finance, Supply Chain, Marketing and Advertising, Operations, International Business, Human Resource Management, Healthcare, Virtual and Augmented reality etc. to name a few.

As a student who learns Data Science at NMIMS MPSTME, he/she will be properly tutored with the field of Study that gives Computers the capability to learn that is - Machine Learning, Artificial Intelligence and then further Deep Learning. Other Industry relevant subjects that will be an important part of curriculum includes Big Data, Cloud computing, Managing Uncertainty, Statistics etc. which will empower all the students to directly work in multinational conglomerates.

The first three years (of the 6 year BTI in DATA SCIENCE) will cover subjects relating to the computer science domain, providing students with a strong Foundation of the conventional computer engineering branch. The core Data Science related substance and subject matter expertise will be taught in the last three years. This will gradually transform the students from a generalized discipline to a specialized dexterity discipline of Data Science. There is an entire semester given to internship, where the student can devote the University Knowledge and put it into practice in their work-force. Excellent Career opportunities can be pursued by Students full-filling the requirements and acquiring eminent job positions of:-

- AI specialist
  - Data Scientist
  - Business Intelligence Developer
  - Data Analyst
  - Data Storyteller
  - Machine Learning Engineer
  - Data Architect
- And many more.....

The students don't have to worry about BOARD EXAMS or finding Good Under Grad University since Once a 6 year commitment from students is made and they enter this BTI Program, All the unforeseeable situations of stress arising at 10+2 grade, gets completely eliminated and smooth transition from diploma to degree is done as per the BTI program arrangement protocols with Certification awarded at the end of 6 years from the Prestigious NMIMS University, MPSTME.

Gen for all the Parents/Students: - NMIMS is the first University in India to Start a B.Tech in Data Science program after 12<sup>th</sup> in the year 2017. The first batch passed out in July 2021 with excellent fares. Placement Data Stands at an impressive Average Salary of 7.9 Lakhs and Median Salary of 7.80 Lakhs.

A few of B.Tech Data Science 2017-2021 Students testimonial is presented for reference:-

1. I came across the data science course at MPSTME after looking for an academic course that would help me combine my interests in not just Computer Science but also Statistics and Machine Learning. I believe that the knowledge and skills that I have gained over the course of my bachelor's degree will truly help shape my future career as a Data Scientist. It has been an interesting, challenging, and yet rewarding 4 years. I am thankful for the kindness and well preparedness of the teachers who have shared their wisdom and experience with us.

**- Mitali Kambli**

2. I joined the Data Science program at MPSTME because I was looking to join an interdisciplinary course that equipped me with skills that are in high demand in the industry. The data science department has great professors who teach the latest subjects such as Machine Learning, Business Statistics, Big Data and Analytics that has helped me become industry ready at the time of my graduation. The 6-month internship component which is part of the program has helped me understand the industry requirements and up skill myself accordingly. I have had a great experience over these four years, and I am sure the subsequent batches will also have a wonderful experience.

**- Abhishek Dopullapudi**