



## **Advanced Technology Courses offered by D. J. Sanghvi College of Engineering in collaboration with IBM innovation centre and NMIMS (Deemed to be University)**

Dwarkadas J. Sanghvi College of Engineering is known for its excellent academic standards and consistent placement records. The institute is granted autonomy by the University Grants Commission (UGC) for a period of 10 years, starting from the A.Y. 2019-20. With the autonomous status, institute wants to take one step ahead to equip the students with technical skills relevant to the latest technologies.

We are very pleased to announce that the college and IBM have partnered together to offer **Advanced Technology courses** for the benefits of our students. From this academic year i.e. 2019-20 onwards, a Certificate programme by D. J. Sanghvi College of Engineering jointly with IBM Innovation Centre and NMIMS University will be offered to students. These Advanced Technology courses are bouquet of specialized subjects to the extent of additional 30-35 credits, which are over and above the minimum credits required for the regular B.Tech/B.E. programmes. These courses are industry-aligned and will lead to better employability prospects for the students.

Following streams of technology specializations are being offered for students to select from:

- **Data Analytics**
- **Artificial Intelligence and Machine Learning**
- **Internet of Things**

The benefits to the students from this initiative are as follows:

**Project Based Learning:** The theory courses are augmented by adequate project work, which would help the students apply the knowledge they gain in the classroom. Much of the project work will be hosted on the online platform. The students would also get an opportunity to work on industry projects, as part of the program. The projects are industry aligned and are near to real live. These projects help students understand the applied aspects of technology and also get an insight into how projects are delivered in the industry. Thus, helping the students with the confidence to face the interview process during their placement cycle.

**Vibrant Courseware:** Courses have been developed by IBM with the help of technology experts from the industry, who review and keep it relevant as per the industry requirements. This support comes from the IBM Labs and other connected groups.



Shri Vile Parle Kelavani Mandal's

**DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



**Guest Lectures and Student Interactions:** Regular visits to the Campus by the IBM/Industry experts and the interactions will help the students learn from their experiences.

**Industry Events/Quiz/Campus Competitions:** The Advanced Technology courses have been designed to provide many avenues for the industry-student interactions.

**Student Monitoring & Tracking:** The online platform tracks the work, the student puts in the ecosystem. This includes the project milestones, support which the student provides/receives, articles, assignments etc., by the student.

These specializations will be offered to the students of First Year as well as Second Year Engineering during the complete duration of their under-graduate programme. Certificate will be issued by D. J. Sanghvi College of Engineering jointly with IBM Innovation Centre and NMIMS (Deemed to be University), after the successful completion of the program and also the students will be awarded an electronic badge (certificate) from IBM.

Best wishes!

Dr. Hari Vasudevan  
(Principal)