Value Added Programs

SVKM' D. J. Sanghvi College of Engineering with its strong industry connect is known for its relevant curricula and pedagogical innovations. With these differentiating factors, high employability is evident in the placement. Consistent with the national framework, Engineering Programs at D. J. Sanghvi College of Engineering have been revised to 160 credits from the academic year 2019-20.

From the current academic year, we have introduced the concept of Minor/Major Honour's degree for which a bouquet of specialization to the extent of 20 to 25 credits has been curated. These are over and above 160 credits. We are very pleased to announce that SVKM' D. J. Sanghvi College of Engineering and IBM have partnered together to offer IBM technology courses for our students as a part of these specializations. Thus, giving them an opportunity to get skilled in futuristic technology areas. IBM, as you might be already aware, is one of the largest IT organizations in the world and is known for its research & development and innovations that has transformed the world. These technology specialization courses are industry-aligned and lead to better employability prospects for students.

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

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

The benefits to the students from this initiative are:

Project Based Learning: The theory courses are augmented by adequate project work, which will help the students apply for 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 life. These projects help students understand the applied aspect of technology and also get an insight into how projects are delivered in the industry, thus helping the student with the confidence to face the interview team during their placement cycle.

Vibrant Courseware: The 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 IBM Labs and other connected groups.

Guest Lectures and Student Interactions: Regular visits to the Campus by IBM / Industry experts, helping students learn from their experiences.

Industry Events / Quiz / Campus Competitions: The IBM program has been designed to provide many avenues for 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, by the student.

These specializations will be offered to the students from Second year, for three years of their under-graduate program. Apart from being eligible for the Minor/ Major Degree from Mumbai University, after the successful completion of the program, the students will be awarded an electronic badge (certificate) from IBM.

Best wishes to all!

Dr. Hari Vasudevan
(Principal)