

//JAI SRI GURIDEV//

S.J.C. INSTITUTE OF TECHNOLOGY
Department of Aeronautical Engineering Report on
Visit to India Manufacturing Show 2022, BIEC on
17th September 2022

India manufacturing Show 2022 [IMS] was hosted between 15th - 17th of September 2022 at Bengaluru International Exhibition Centre (BIEC), Bengaluru. Our department students were taken to this exhibition on 17th September. All students had gathered near our department at 9 AM, bus facility was provided from the college. Faculty incharge were Dr Nagesh D, Assc Prof. AED, Dr. Nataraju, Assc Prof. AED, Prof. Srinivas G M Asst Prof. AED, SJCIT Chickballapur.

India Manufacturing Show is India's premier event for manufacturing and engineering-related sectors. It intends to be the catalyst to accelerate the manufacturing sector by bringing together the best minds, the best technologies, and the best practices from across the globe while providing excellent Business and Knowledge sharing opportunities for all its participants.

Total 30 students had registered for the visit and our students reached the destination at 11 AM, they provided ID cards for all students and faculty members, our resource person for the Industry Oriented Skill Development Program, Sri B T Umesh also joined the program. There were 2 HALLS, firstly students were taken to Hall 2 which is related to Aerospace Sector.

They were about 60 companies. In entrance there was a company which manufactures wires for defense purpose where they used optic fibres instead metals have their core material. The advantage of this is was it avoided heat losses. Further we moved forward majority of the companies in this hall was about 3D printing. 3D printing is a method used manufacture some critical parts. Some of the companies explained us about servo controls used in aircrafts. They explained about inspection methods which is essential in Aircraft Industry. Even HAL company was present where they had kept some of their models for exhibition.

After having lunch students were taken to Hall-1. Here students got exposure to CNC machines which is a high trend in manufacturing sector. Various kind of CNC machines were exhibited. B T Umesh sir explained all kind of machines which were present in that all. He guided

our students required for exploring professional sector. Even robotics was present in this hall where few operations were done by them. Robotics was basically on AI principle which used to detect the obstacle present in front of them. Few robots were there which used to detect the dia of the given model and separate them according to their size. Further sir explained about fixture techniques. From there at 3PM we left the exhibition and reached our college.



