

NEW HORIZON COLLEGE OF ENGINEERING

Department of Information Science and Engineering

Report on Industrial Visit to Bharat Fritz Werner

The Department of Information Science and Engineering organized an industrial visit to Bharat Fritz Werner on the 13th of September, 2019. A total of 22 students from the 3rd semester along with the faculty in-charge Prof Shobha and Prof. Gowri Prasad had been a part of this Industrial visit.

The welcome speech was given by Mr. AN Chandramouli, Board Member of Starrag India and Director, Bangalore Aerospace Consultants. The theme setting for the Industry visit was set by Mr. B Indushekar and the importance of Industry 4.0 was provided by Mr. Ravi Raghavan, MD and CEO of BFW.

Mr. Ankit Jain, Operation Excellence, gave an introduction to BFW's own IoT platform "IRIS". He gave the students an idea of emerging technologies and digitalization of Assembly Line in BFW. A virtual visit through remote monitoring of BFW's Machine shop at Hosur was carried out. Poka-Yoke case study on Pallet Change position confirmation was performed by Mr. Venkatesh and Mr. Kapil ,HMC, BFW. Students made shop floor visit at Machine shop and at Assembly Line.

The team definitely gave the students a broader perspective on how they need to work towards developing a successful career. He also gave an insight to the students on how to make visibility in this competitive world.

Students learned the importance of digitalization and automation using the latest technology of Internet of things (IoT). The Software product line 'Iris' which provides live updates and its integration with GPS technology to automate the industrial workplace was demonstrated to the students. This helped them to have a real world understanding of the application of technology to digitalize Industry. Students were exposed to the foundation of Industry 4.0

Thus, this Industrial Visit was quite a remarkable one that allowed the aspiring engineers to have an experience of Industry 4.0 revolution. The buddy engineers understood the automation and digitalization of product line system using Internet of Things(IoT) paradigm.



Students and Faculty coordinators at Bharat Fritz Werner Industrial Visit



Glimpses of the session by Mr. Ankit Jain, Operation Excellence, BFW.



Glimpses of the session by Mr. Venkatesh, HMC , BFW

List of Participants

USN	NAME
1NH18IS079	PUNITH KUMAR S
1NH18IS080	PUSHKAR SINHA
1NH18IS081	R H SHRAVYA
1NH18IS082	RAHUL V
1NH18IS084	REEM FATIMA AZEEZ
1NH18IS085	RIA CAROL MOHAN
1NH18IS086	RITOM TAMULI
1NH18IS088	VASANTH S
1NH18IS090	SAGAR SHANKAR
1NH18IS092	SAKSHI ARYAL
1NH18IS093	SALONI K
1NH18IS094	SAMRUDH G R
1NH18IS095	SANCHITHA B S
1NH18IS096	SANGEETHA D
1NH18IS097	SANJANA A
1NH18IS098	SATHMIKA.R
1NH18IS099	SAVEEN C V
1NH18IS100	SEELA VENKATA CHARAN REDDY

1NH18IS101	SHAIK NYAMATHULLA
1NH18IS102	SHARANYA G
1NH18IS104	SHUBHODEEP SARKAR
1NH18IS106	SILPA S