

## Report on “INDUSTRY 4.0”

We're in significant transformation regarding the way industry produce products thanks to the digitization of manufacturing. This transition is so compelling that it is being called **Industry 4.0** to represent the fourth revolution that has occurred due to automation of high manufacturing, productivity, agriculture, digital communication, Information technology, surveillance, traffic controlling and marketing with improved quality in short period of time to attain flexible market needs.

The event was conducted on 21<sup>st</sup> August 2019 had a footfall of 209 students, mostly from SE of IT, EXTC, Comps & TE Mechanical. The event showcased the importance of forth coming of years of technology in every domain of industry, which will make our lives sustainable and easy-living.



The details of the speaker and event is listed in the table below.

| Sr.No | Event   | Time               |
|-------|---|--------------------|
| 1.    | <p><i>Talk by speakers of various domain :</i></p> <p>Speaker 1: Mr. Sunil Kumar Koparrapu<br/>Principal Scientist,<br/>TCS Research &amp; Innovation.</p> <p>Speaker 2: Mr. Narayan Ingole,<br/>Managing Partner<br/>ETC Engineering Technology LLP.</p> <p>Speaker 3: Mr. Rajnish Khare<br/>Vice president<br/>Reliance Jio</p> | 2:30 pm to 3:45 pm |
| 2.    | <p><i>Panel Discussion:</i></p> <p>Moderator: Mr. Biswas Supritham<br/>Professor, CSE , IIT Bombay</p>  | 3:45 pm to 5pm     |

The speakers shared their view on, how technology should always come first and how to apply in a mixed working environment and also in fields of interest like 3D printing, Data science, Machine Learning and Black Box Computing. Industry 4.0 can help us build xAI i.e explainable AI which is applied to automated vehicles. They gave an insight of how the industry expectations and students expectations does not match all the time and how using Industry 4.0 ., they concluded by saying that students can bridge the gap by indulging in skill development training, learning new techniques, having software tool knowledge and creating employment for others.

The speakers also explained us how the engineering industry has evolved over the years. They made the audience understand how the concept of Industry 4.0 provides the budding engineers with opportunities at every turn. They even explained how it can be used to automate everyday things and use it in Green Technology and IoT, since Machine Learning requires Automation. The speakers emphasized on how industrial visits are very important since it helps to learn to relate concepts that they learn in the theory.

The series of talk was continued by panel discussion where many students raised their doubts and queries about various topics like internships, projects and focus on mastering skills. The event was terminated after a summarization provided by the moderator Dr. Biswas who listed out the highlight of the speakers points and terms used during the full course of the event.

The chart below show the details of the feedback that we have received form the attendees.

| Feedback Form : "Industry 4.0" on 21 August,2019 |  |        |    |    |
|--|--|--------|----|----|
| S.N.   | Evaluation Parameters  | Rating |    |    |
|  | <b>Talk/ Workshop Content Assessment</b>                             | 3      | 2  | 1  |
| 1  | How would you rate the amount of new information you learned?        | 59     | 28 | 6  |
| 2  | How would you rate the information to your curriculam/project/job?   | 57     | 31 | 5  |
| 3  | How would you rate the session in terms of meeting your expectation? | 58     | 25 | 10 |
|  | <b>Speaker's Effectiveness</b>                                       |        |    |    |
| 4  | Information was clearly explained                                    | 56     | 29 | 8  |
| 5  | Participants questions were clearly answered                         | 62     | 27 | 4  |
| 6  | Rate the Speaker's knowledge on the Topic                            | 64     | 21 | 8  |
| <b>Note: A rating of 3 would be the highest.</b> |  |        |    |    |
| Suggestions:                                     |  |        |    |    |

|  |    |    |   |
|--|----|----|---|
| Total students who gave rating of either 3/2/1 | 59 | 27 | 7 |
| Total Students where present                   |    | 93 |   |
| % of Rating                                    | 63 | 29 | 8 |

**"Industry 4.0 ": Technical Committee**

