Association with the Industry

Pune being a IT hub the department has a strong collaberation with the various IT industries. The wide spectrum of the exposure to the industry includes involvement in various aspects of academia. The industry experts are involved in all the steps to strengthen the department, some of them are involvement in design of curriculum, providing internships and industrial visits, in sponsering the projects, expert lectures, DAB and BoS members, Garnishing talent program, etc. Few majors collabertations are as follows:

Collaboration with Veritas Technologies

Cummins College of Engineering for Women (CCEW), Pune, has a very good, fulfilling Association with Veritas Technologies from Academic Year (AY) 2019-20.

- **Program Elective Course:** As part of the association, Veritas Technologies offers a Program Elective Course to CCEW Third Year Computer Engineering students. Veritas has designed an elective course entitled "Data Management, Protection and Governance (DMPG)", for CCEW Third Year Computer Engineering students. The DMPG course is conducted by the Experts in the domain from Veritas Technologies. Thus, at present, the course has been successfully completed twice, for the CCEW Third Year Computer Engineering students, **in the second semester of AY 2020-21 and AY 2021-22.**

- **Final Year Projects: AY 2020-21:** Three project groups from the Computer Department were shortlisted for working on the Project Statements given by Veritas Technologies in the AY 2020-21 and all the groups successfully completed the projects under the guidance of mentors from Veritas. Project based papers of two project groups have been published in the conference proceedings by IEEE and Springer.

  AY 2021-22: Four project groups from the Computer Department were shortlisted for working on the Project Statements given by Veritas Technologies in the AY 2021-22 and all the groups successfully completed the projects under the guidance of mentors from Veritas. Two project groups won the prizes in various project competitions.

  AY 2022-23: Three project groups from the Computer Department are shortlisted for working on the Project Statements given by Veritas Technologies in the AY 2022-23.

- **Annual Technology Fest "Illuminate" of Veritas:**
  AY 2019-20: In the year 2019-20, the selected Final Year project groups got an

opportunity to participate and present their work in the Annual Technology Fest hosted by Veritas. Also, faculties got an opportunity to participate in this event.

AY 2021-22: In the year 2021-22, project based presentation of the Third Year students from the Computer Department got shortlisted by Veritas and the students got an opportunity to participate and deliver the presentation in the Annual Technology Fest hosted by Veritas. Along with the students, faculties from the Computer Department participated in this event.

- **Webinars:** Various webinars on the State of Art topics such as "Cloud Computing - Amazon Web Services and Azure offerings", "Digital Compliance World", "High Availability and Disaster Recovery" and "Container technology" have been organized by Veritas for the students of Computer Engineering, IT and Electronics and Telecommunication Engineering disciplines at the institute level and thus with these webinars, students of various Programs have been benefited.

- **State level Project Competition "Tech-Srujan":** Veritas supported the state level project competition called "Tech Srujan", organized by the Computer Department CCEW in April 2022, in terms of the experts in various domains from Veritas as the judges for the competition.

- **Syllabus design:** Experts from Veritas contributed in the revised curriculum design in terms of the discussions and suggestions on core and elective courses.

CitiBridge Program

- Citi, a renowned multinational company and a world leader in the banking sector, has designed a unique program "Citi Bridge" for select 100 students from Maharshi Karve Stree Shikshan Samstha's (MKSSS) Cummins College of Engineering for Women, Pune, out of which more than 70% students are from the Computer department.

- The objective is to promote women in technology through skill development.
- The Citi Bridge Program aims to promote entry level women for careers in technology and banking by imparting practical knowledge and industry perspectives from technology experts at Citi.
- The structured, 100-hour program is divided into 40 hours of hands-on training. This training most importantly introduces the students to the finance domain. There are

sessions on Object oriented programming, Networking, Databases and Angular Java. They also conduct team building activities which helps the students when they are doing the assignment in a group.

- The students get a precious opportunity to interact with the people who have made a great career. They can look up to them as role models.

- After the training, the students are divided into groups of 5 and given technical assignments of 60 hours. The expert mentors from Citi guide the students during this time.

- Students implement the assignments in state of the art technologies like DevOps, SpringBoot, BootstrapSQL, Angular Java, NodeJS and JavaScript. The students present the assignments to the panel at Citi and the best five assignments are presented in front of the senior leadership. Each student gets a completion certificate from Citi.

Collaboration with Vodafone

- The Institute has a very good association with Vodafone from AY 2019-20.
- Vodafone offers internship to the students and experts from Vodafone conduct various technical sessions, talks, competitions for the students and faculty development programs.
- In AY 2020-2021, Vodafone conducted 7 Expert talks, 3 bootcamps, 1 hands-on workshop and one Faculty development program.
- In AY 2021-2022, Vodafone conducted 12 Expert talks, 2 bootcamps, 2 hands-on workshops and 2 Faculty development programs.
- State level project competition called "Tech Srujan", organized by the Computer Department CCEW in April 2022, expert from vodafone was the judge for the competition.