

Summer Internship Program Report

Summer Internship Program was conducted under TEQIP-III from 18th June, 2019 to 12th July, 2019 in the Department of Computer Science & Engineering, GNDEC Ludhiana. The students of CSE department of GNDEC and ABVIET, Shimla participated in this course under twinning arrangement of TEQIP-III program.

During this Internship program, various activities and presentations were scheduled for the attendee students from ABVIET, Shimla. **Python** training was conducted from 18th June to 28th June, 2019 by **Mr. Anurag** and his team from **Sabudh Foundation, Chandigarh**. The students were taught about the basics of python language and web development. They were made aware about the libraries and their use to facilitate the application development. It was organized to learn with the proper assignments and tasks with module implementation in computer Labs. Each student was given individual attention for their assignments and solution to their problems. They also got exposure to the tools, methods and current research trends prevailing in this area so that it can be used for the benefit of society.

In spite of this, experts shared their knowledge and valuable experience in development of software technologies. The students were actively involved in the classroom discussions and shared their views about the topic of concern. The relevance and importance of internship program was discussed to enhance the practical knowledge of engineering students.

During 1st July to 3rd July, 2019, lectures of PL/SQL were delivered to acquaint the students about database connectivity with front end applications. Practical sessions were conducted to apply commands, functions and procedures to manipulate the relevant content in database. The projects were allotted to the students in groups to apply the knowledge of python language. For the evaluation of Python and project work, two presentations were conducted on 10th and 11th of July, 2019 respectively. Students delivered their presentations with great enthusiasm and answered the queries with courage and confidence. They submitted the hardcopy of the file based on python programs and project work in the specified format.

On last day of the internship, students were asked to give their feedback on specified format. They appreciated the program and provided their suggestions verbally about the internship program. **Dr. Parminder Singh**, HoD(CSE) and **Prof. Jasbir Singh Saini**, Associate Professor issued the certificates of participation to the attendees of ABVIET, Shimla.

Sh. Harpreet Singh (H)