

# Bridge Course-2022



Every year, the Department of Applied Sciences and Humanities conducts Bridge Course for the new entrants. The objective of the Bridge Course is to give students the confidence and skills required for the successful transition from school to college. The Bridge Course 2021 commenced with the Inaugural session. The presentation by Dr Vinay Khatri, Head of Department, made the students acquainted with the pattern of the course. The purpose and objectives of the course were discussed so that the students could be oriented at the outset. WhatsApp groups were formulated on the basis of prior analysis (in which students were assessed with regard to language skills and basics of subjects) so that proper guidance and counselling could be given during the course.

The course encompassed the Basics of all engineering subjects, Personality Development and Communication Classes, Emerging Technologies, Motivational Lectures, Basics of Engineering Problems related to C++ problems and Special Aptitude sessions. The modes of teaching varied from PPTs to Self-made videos. The classes were conducted in offline mode. To build the culture of flipped learning, the students were asked to give presentations during the

course. Furthermore, Group discussions helped the students tremendously in building confidence and in understanding the concepts vividly.

Basics of Physics, Chemistry and Mathematics were brushed up by the faculty members of the Applied Science and Humanities department. Basics of all engineering subjects were polished by the faculty members of various departments. The sessions on Personality Development and Communication helped the students specifically from Nepal/Bihar region to meet the requisites of changing times. Emerging technologies covering Artificial Intelligence, Data Sciences, Machine Learning, Blockchain, Robotics, AR/VR, Internet of Things, 3D Printing, CS were touched to meet the demands of the technology-driven world. Keeping in mind the impact of Industry 4.0, the students were constantly motivated to build the desired skillsets by bridging the gap between industry and academia. The motivational sessions were taken by the HODs of various departments.

The Bridge Course was successfully concluded on September 13, 2022, under the esteemed guidance of the Head of Department, Dr Vinay Khatri and the Programme Coordinator, Dr Rachna Khurana.