Don Bosco Institute of Technology, Mumbai
Department of Computer Engineering

Summary Report of Research & Review

Research and Review course was additionally included in Sem VI (2020-21) so as to give an opportunity for students to explore varied research areas and familiarize with various research conventions and terminologies. This course was coordinated by Ms. Ditty Varghese under the able guidance of HOD Ms. Sana Shaikh and support of project mentors Dr. Amiya K. Tripathy and Dr. Phiroj Shaikh. During the course of Research and Review, following sessions were conducted for TE Students for cultivating and imbibing research aptitude. Sessions were conducted on different topics to help students identify problem statements which are relevant and in line with recent trends and technologies.

Session	Date	Time	Topic	Speaker
1	18 February 2021	10.30 AM to 12 PM	Introduction to Project Ideation	Dr. Amiya K. Tripathy
2	24 March 2021	3 PM to 4 PM	Research Domains	Dr. Amiya K. Tripathy
3	25 March 2021	10 AM to 11 AM	Research Objectives	Dr. Amiya K. Tripathy
4	28 April 2021	4 PM to 5.30 PM	Earth and Planetary Observation- Data Handling Techniques and Career opportunities	Dr. Sayyad Shafiyoddin

TE students were asked to form groups of 3 members and were informed that these groups will remain same for their BE Major Project. Therefore 26 project teams were formed in the class. These 26 project groups were further divided into 6 groups and were assigned technical papers as a part of the reading activity.

Details of the Reading task are stated below:

Reading Task:
Overall there were 6 papers and therefore all students were divided into six groups
1. Assigned Paper was read individually by all students.
2. Groups were asked to select a group leader per group and conduct one Group discussion for which the meeting had to be recorded.
3. Every group were required to come up with a summarized report of the paper and note inference drawn from the paper.
4. Summary Report had to be submitted on Moodle.

On completion of activity, Student groups presented their inferences and conclusions from the paper to the panel comprising of all faculty members of Computer Department and relevant feedback were given to students. Paper presentations were scheduled on 16th to 18th June 2021.

After this activity, Students were ready to explore project ideas on their own. All groups were required to find and present 3 proposals towards BE Final Year Project.

BE Project proposal presentation was an extensive process which started on the 13th July 2021. It was conducted in two rounds. In the first round, students presented their ideas and panellist provided modifications and expected more details from the groups whereas proposals of some groups were rejected and were asked to redo the exercise. In the second round, most of the ideas were finalized and even faculty proposals were discussed with some groups. Every day at least 2 hours were allotted for this process. Details of which are given below.

Panel Members: Dr. Amiya K. Tripathy, Dr. Phiroj Shaikh, Ms. Sana Shaikh and Ms. Ditty Varghese

First Round: 13th-17th July 2021

                22nd-23rd July 2021

Second Round: 24th July 2021

                27th July 2021

                28th July 2021

On 28th August, Students were assigned project guides and they started their journey toward undergraduate project. All the accepted project proposals are collated and available in the department for reference.

Overall, Research and review was a fruitful undertaking and we believe this course prepared our students for their project journey ahead.

Report Prepared by: Report Approved by:

Ms. Ditty Varghese   Ms. Sana Shaikh

Project Coordinator(Comps)   Head of Department (Comps)