Research and Development Cell	Date: 23/07/2021

Report on Research Based Learning (RBL1) SEM-V (Batch 2023)

➢ **Event Details**

- RBL Event began with the orientation given by Dr. Aaditya Desai, Dept. Co-ordinator.
- Teaching material for the RBL1 activity was collected from the trainers before the start of programme on Google drive.
- Session was held from 10.00 am to 12.00 pm which included evaluation on the topic taught in the session.
- All the tasks and teaching material were posted on Google classroom on day to day basis.
- Last day students created groups for RBL1 project and selected the topic of their choice as presented by the faculty members

➢ **Detailed schedule of the event**

Sr. No.	Date	Timings	Activities Planned	Faculty Responsible
1	14ᵗʰ July 2021	12.00 pm-2.00 pm	**Orientation for RBL 1** **Technical Quiz** and Evaluation Revision of applications of subjects taught in previous semesters. Section 1 (Sem 3): M-III, DSA ,DMS, DCD, Java, Linux	Dr. Aaditya Desai (Speaker) (A) Mr. Bhushan Nemade (Speaker) (B) **Subjects:** Mrs. Mary Margaret and Mr. Sandip Bankar (Speaker) Mrs. Purvi Sankhe (Speaker) Mr. Vijay Yele and Mr. Anil Vasoya (Speaker) Mr. Bhushan Nemade and Mrs. Neha Kapadia (Speaker) Mrs. Mary Margaret (Speaker) Lab Assistant : Mr. Vaibhav Chavan (Div A) and Mr. Mahendra Vishwakarma (Div B)
2	15ᵗʰ July 2021	12.00 pm-2.00 pm	**Technical Quiz** (Subjects) and Evaluation and Quiz for Personality test and Evaluation Revision of applications of subjects taught in previous semesters. Section 2 (Sem 4): M-IV, Python, CN, Pcom, Python (Classes will be swapped for section1 and Section 2) Personality test to check the inclination of student's interest and discussion/counseling.	**Subjects:** Mr. Bhushan Nemade and Mrs. Neha Kapadia (Speaker) Dr. Rajesh Bansode and Mr. Vijay Yele(Speaker) Mr. Vijay Yele and Dr. Vikas Kaul(Speaker) Mr. Shridhar Kamble and Mr. Namdeo Badhe (Speaker) **Personality Test:** Dr. Aaditya Desai (Div A) Mr. Sandip Bankar (Div B)

				Lab Assistant : Mr. Anil Taware (Div A) and Mr. Mahendra Vishwakarma (Div B)
3	16th July 2021	12.00 pm-2.00 pm	Technical Debate and Evaluation Discussion on debate Techniques and rubrics Team making activity with topic distribution (Teams can be made roll number wise) Debate Conduct and Evaluation (15 to 20 Min)	Dr. Aaditya Desai (Speaker - Div A) Mr. Vijay Yele (Speaker - Div B) Mr. Bhushan Nemade (Observer- Div A) Mr. Sandip Bankar (Observer - Div B) Mrs. Pranjali Kasture (Evaluator - Div A) Dr. Vikas Kaul (Evaluator – Div B) Mrs. Purvi Sankhe (Evaluator - Div A) Mr. Rahul Neve (Evaluator - Div B) Mr. Shridhar Kamble (Evaluator - Div A) Mr. Namdeo Badhe (Evaluator - Div B) Mrs. Neha Patwari (Evaluator - Div A) Lab Assistant : Mr. Vaibhav Chavan (Div A) and Mr. Phaujdar Ram (Div B)
4	17th July 2021	10.00am to 12.00 Noon	Webinar on Idea Generation and Discussion on Idea by Faculty Feedback for RBL1 activities.	All Faculty members. Dr. Aaditya Desai (Observer- Div A) Mrs. Purvi Sankhe (Observer - Div B) Lab Assistant : Mr. Vinod Maurya

➢ **Objectives**

This course is focused to engage the learner in research by:

- Conducting revision and test of the subjects taught in 3rd and 4th Semester
- Testing the students to understand their personality through personality test and psychometric test
- Understanding the process of technical debate and participating in the debate
- Learning the idea generation process and selecting the project amongst the listed ideas

➢ **No. of project groups:**
TE Div A: 25, TE Div B: 25, TE Total: 50 groups
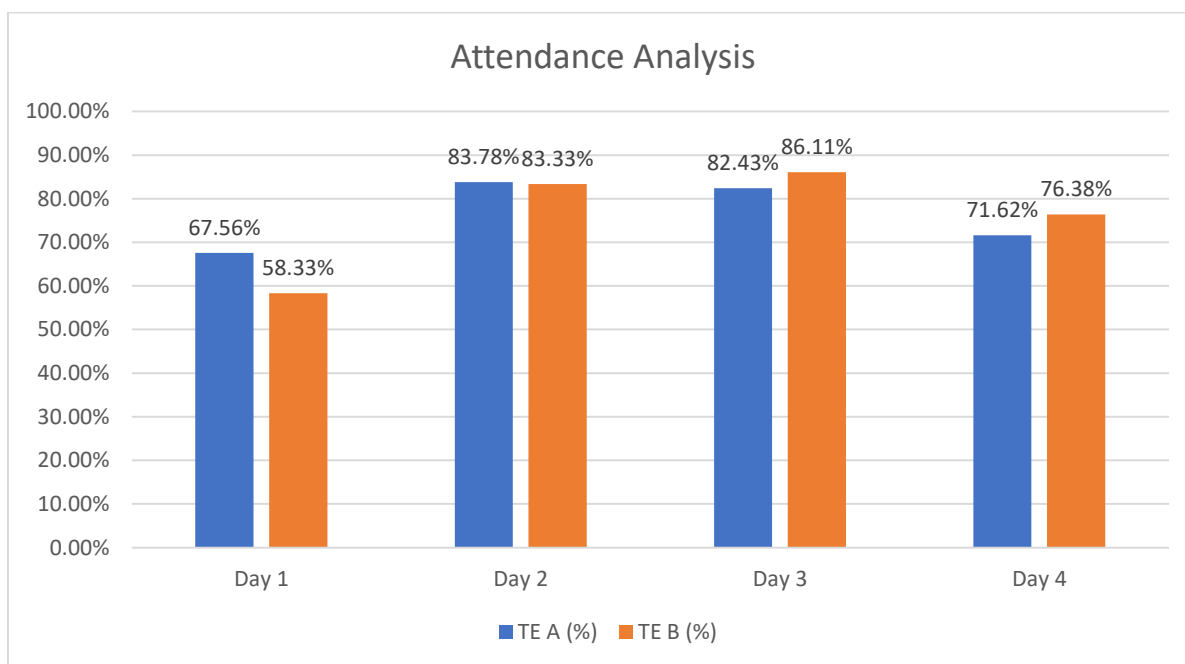
➢ **Faculty members involved**

Sr. No.	Name of the Faculty member	Role given
1	Dr. Aaditya Desai	RBL IT Dept. Co-ordinator, Observer, Trainer and Evaluator
2	Mrs. Neha Kapadia	RBL IT Dept. Co-ordinator
3	Mrs. Purvi Sankhe	RBL IT Dept. Co-ordinator
4	Dr. Rajesh Bansode	Speaker
5	Dr. Bijith Marakarkandy	Speaker
6	Dr. Sangeeta Vhatkar	Speaker
7	Mr. Vikas Kaul	Evaluator and Speaker
8	Mr. Namdeo Badhe	Evaluator and Speaker
9	Mrs. Pranjali Kasture	Speaker
10	Mr. Anil Vasoya	Speaker
11	Mr. Bhushan Nemade	Evaluator and Speaker
12	Mr. Vijaykumar Yele	Observer, Evaluator and Speaker
13	Mr. Rahul Neve	Evaluator and Speaker
14	Mr. Shridhar Kamble	Evaluator and Speaker
15	Mr. Sudhir Dhekane	Speaker
16	Mr. Sandip Bankar	Observer, Evaluator and Speaker
17	Mrs. Shruti Mathur	Speaker
18	Mrs. Neha Patwari	Evaluator and Speaker

➢ **Feedback:**

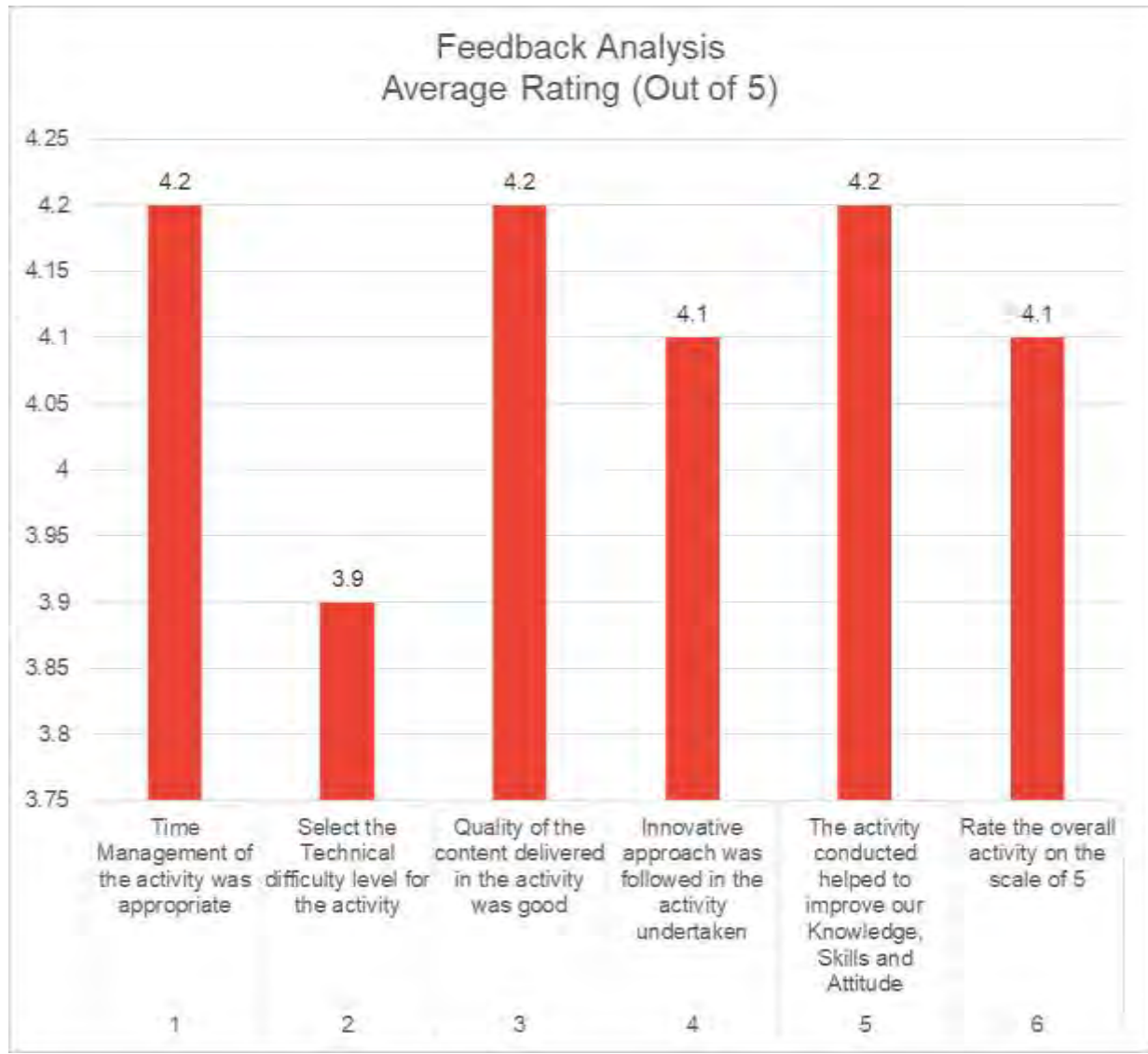| Sr. No.	Students Feedback
1	The Session can be improved by introducing more creative online activities, like testing the Researching Skills and creating a competitive environment for Students. Overall, the Time allotted for the RBL Session was Sufficient.
2	The Session was organized very well. Some more tests can be taken similar to Personality and Psychometric Tests.
3	The topic could have been a little bit newer in terms of growing technology than 2g vs 3g.
4	Equal participation by all the students.
5	Everything was good
6	No it was excellent session.

➢ **Participation Analysis:**

	TE A (%) Attendance (%)	TE B (%) Attendance (%)
1.	67.56%	58.33%
2.	83.78%	83.33%
3.	82.43%	86.11%
4.	71.62%	76.38%

➢ **Feedback Analysis:**

Sr. No.	Feedback Parameters	Average Rating (Out of 5)
1.	Time Management of the activity was appropriate	4.2
2.	Select the Technical difficulty level for the activity	3.9
3.	Quality of the content delivered in the activity was good	4.2
4.	Innovative approach was followed in the activity undertaken	4.1
5.	The activity conducted helped to improve our Knowledge, Skills and Attitude	4.2
6.	Rate the overall activity on the scale of 5	4.1

Feedback Analysis
Average Rating (Out of 5)

- **Outcomes:**
  - Students were able to revise the subjects and concepts studied in 3rd and 4th Semester
  - Students were able to understand their personality type and were able to give psychometric test
  - Students will be able to debate on the technical topics given to them
  - Students were able to understand the topics for their RBL1 project

➢ **Conclusion:**

- Students showed active participation in the RBL activity.
- RBL activity will help students to connect with industry and they can get valuable input & feedback from industry people.
- Using the RBL activity student's project will be having outcome as Product, consultancy, IPR or Grants.

Collectively Proposed By		Checked By	Reviewed By
Dr. Aaditya Desai **Mrs. Neha Kapadia**	**Dr. Bijith Marakarkandy**	**Dr. Rekha Sharma**	**Dr. Kamal Shah**
IT Dept. RBL Coordinator	HOD-IT Dept.	R&D Activity Head	Dean R&D

Recommended By: **Approved By**

Dr. Deven Shah   **Dr. B. K. Mishra**

Vice-Principal   **Principal**

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