

Date: 24/01/2021

Report on Activity Based Learning (ABL IV) **Semester IV(A.Y.2020-21)**

➤ Event Details:

Activity Based Learning (ABL-IV) started with demonstration of “**Agile Methodology Introduction**” by **Dr. Lochan Jolly** followed by theme of ABL-IV for Information Technology i.e. Later theme of ABL-IV i.e., Green IT was introduced. Students are demonstrated with concept, advantages and applications of Green IT.

Day 1 Activity: Creative Writing

First day activity of the ABL-IV was Creative Writing. Orientation and Introduction to Writing skills both article form and paper writing was Introduced to students. Information about the rules and regulations about original writing. Templates of good journals eg. (IEEE format) with emphasize on originality, plagiarism check.

After discussion on creative writing in detail, students were given time for topic selection and discussion with team members. As per choice of students, topic of article/ paper was finalized in consultation with teacher. Discussion forum or Use of internet is allowed for the same. The evaluation of the activity conducted as per rubrics, for all the groups.

Day 2 Activity: Survey designing and study

Day 2 session started with demonstration of “**Agile Methodology: User Stories**” by **Dr. Lochan Jolly** followed by day 2 activity of the ABL-IV i.e., **Survey designing and study**.

Introduction and Orientation to research methodology emphasizing on survey designing has been done. Surveys can be administered in many modes, including online surveys, email surveys, social media surveys, paper surveys, mobile surveys, telephone surveys, and face-to-face interview surveys. Various survey designing online tools for e.g Survey Monkey, TypeForm, Mentimeter, Google Form were demonstrated with live case study for survey on Green IT. Students are divided into teams with 5 students per team. We have noted down and discuss Topic selected by Teams for Survey designing. Each team has to create the sample questionnaires (max 10) mapping with goal established using Online Survey making tools. Students were briefed about how to create survey and circulate survey link online among society to get their responses and views. This survey was conducted in online mode through Google forms. By conducting the survey, and analyzing all the questions carefully, students has to make analysis on data collected.

For evaluation purpose, all groups were asked to upload their survey link with abstract of Survey designing and study on Google classroom for evaluation.

Day 3 Activity: Group discussion

Day 3 session started with demonstration of “**The Agile Manifesto**” by **Dr. Harshali Patil**, followed by day 3 third day activity of the ABL-IV i.e., Group discussion. Introduction and orientation about Group discussion and rules were done. GDs form an important part of the short-listing process for recruitment or admission in a company or institution. Types of GD Topics such as social, political, economic, technical etc. Topic choice to be given to students and based on that Team formation on the chosen topic.

Each group has to decide whether they are participating in group discussion for against the topic or in favor of topic given to them. All the groups undertook a healthy discussion with another group who had opposite views on the same topic. In this way students were able to build ability to communicate politely with others and put forward their views without being rude. For evaluation purpose, all groups were asked to upload abstract of group discussion on Google classroom for evaluation.

Day 4 Activity: Lecturette

Day 4 session started with demonstration of “**Agile Transformation and Cultural Change**” by **Dr. Manish Rana**, followed by fourth day activity of the ABL-IV i.e. **Lecturette**. In this session, Orientation and Introduction to lecturette/ extempore rules were done. For each student 03 minutes will be given for thinking, jotting down points and organizing the speech without any help and they are required to deliver a short talk for 03 minutes to the group watching him. Students has to introduce himself/herself in brief before starting the talk. For evaluation purpose, all students were asked to upload abstract of Lecturette on Google classroom for evaluation.

Day 5: Extension Work - Social connect

Day 5 session started with demonstration of “**Scrum Model**” by **Mrs. Veena Kulkarni**, followed by fifth day activity of the ABL-IV i.e., **Extension Work - Social connect**. In this activity teams were formed with 5 students in each group. Each team has to select one topic and they need spread awareness about topics related to theme i.e. Solar Energy (Green Energy). Students need to think creative way to create awareness among people so that it impacts on a larger scale. Social media platform like facebook, Twitter, Instagram, LinkedIn, Whatsapp message or status can be used to present their views, visuals, posters to create social awareness among people. For evaluation purpose, all groups were asked to upload their message, testimonials, posters or visuals on social media platforms and take snap shot of the same and submit abstract of Extension Work - Social connect on Google classroom for evaluation in final report of ABL IV. The evaluation of the activity conducted as per rubrics, for all the groups.

Day 6: ABL IV Presentation and Evaluation

The evaluation of ABL-IV was conducted. Students were instructed to submit the report of all five-day activity and presentation with PPT on google classroom. Oral presentation conducted in online mode followed by question-and-answer session. The evaluation conducted as per rubrics defined.

Learning outcomes:

1. Student will be able to outline the procedures for Creative writing, which will give them wings of imagination with self-expression in the topic. Learn on multidisciplinary subjects.
2. Student will know the importance of the Lecturette which will help them to think and develop presence of mind. Exposure to Group discussion will provide an opportunity to all team members to give their ideas and opinion on a certain topic. It increases one's listening skills and confidence in speaking. Team building improves.
3. Students will learn the strengths of survey research including its effectiveness, generalizability, reliability, and versatility. Students will be able to make the awareness about various social issues.

➤ Trainer and Evaluators Involved

Sr. No.	Name of the Trainer/ Evaluator	Qualification	Experience
1	Mr. Rahul Neve	Ph.D. (Pursuing)	14 Years
2	Mrs. Mary Margrat	ME (COMP)	13 Years
3	Mr. Shridhar Kamble	ME (IT)	09 Years
4	Mrs. Shruti Mathur	ME (COMP)	07 Years

➤ Attendance Analysis

Parameters	Division	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Avg.
Total No. of Students in the class	SE IT A	76	76	76	76	76	76	76
	SE IT B	64	64	64	64	64	64	64
Total No. of Students Attended the session	SE IT A	68	72	72	67	66	68	69
	SE IT B	55	54	54	51	54	64	54
Total No. of Absent Students	SE IT A	8	4	4	9	10	8	7
	SE IT B	9	10	10	13	10	0	9
Attendance Percentage	SE IT A	89.47	94.74	94.74	88.16	86.84	89.47	90.57
	SE IT B	85.93	84.37	84.37	79.68	84.37	100	86.45

➤ **Evaluation Analysis**

Parameters	IT-A	IT-B
Total No. of Students in the class	76	64
Total No. of Students evaluated	73	60
Total No. of Students not evaluated	03	04
Evaluation Percentage	96%	93.75%

➤ **Feedback Analysis:**

- Students learned what is Green IT and its concept, goals and advantages of Green IT, its applications etc. Learned how to do creative writing on technical or non technical topic.
- Students learned about various survey platforms and the role survey plays to understand the thoughts of a certain population.
- Group discussion helped in increasing listening skills and confidence in speaking. It helped students to enhance ability to articulate and defend a position thoughtfully and respectfully.
- Lecturette helped students to give their ideas and opinion on a certain topic and in the process improve public speaking skills.
- Social connect helped students to circulate use of green energy message among the people.

➤ **Conclusion:**

- All Activity Based Learning (ABL IV) activities give an opportunity to grow professionally as well as personally. The larger objective of the ABL-IV is to develop the Society Sensitive Citizens by creating awareness among students and take up the initiatives in the Activity mode for the needy.
- The course intends to deliver the understanding of the concepts of critical thinking, encourage the students to look beyond their textual knowledge, establish the relationship between theory and the applications of the learned concepts. It also intends to address the social issues and help the society in the area of work.

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