



### Report of Class Activity

Title	Debate on Online vs Offline class
Date of Event(s)	27-07-2021
Department/ Association	BCA
Venue	Room number 302
Number of Participants	45
Target Audience	BCA Second year students

- **REPORT ON DEBATE**  
**TOPIC: ONLINE Vs. OFFLINE EDUCATION**

Department of Computer Application, SFS organized a debate for 2nd year BCA "Online Vs. Offline Education" on 27th July 2021. The debate helped the students to think critically and share their views on the given topic. This class activity was conducted by Prof. Nayana K V Department of Computer Application as a part of Cyber Spirits Association Club. The debate helped the students to think critically and share their views on the given topic.

Four teams with three students in each team participated in the Debate. Two teams spoke in favour of online education, and the other two teams spoke for offline education.

Debater from the team online education said it is a useful teaching method for the new generation and has more flexibility. Advances in technology makes online teaching more effective. They also contributed by saying many students in the classroom environment aren't comfortable talking in public. They feel free to clarify their doubts through online education. Online education helps to save money that they need to spend on campus stay, food, and parking.

Debater from the team offline education said it allows the teachers and students for more interaction. Pandemic is one reason where we depend more on online education. A student who resides in the remote areas finds it difficult to access online education due to poor internet connectivity which may affect their learning. In the online mode of education, the teacher cannot monitor the students directly they need to be more self-responsible for their learning. Offline education allows students to meet their teachers to clarify their doubts directly and improve their clinical practice skills and also actively engage themselves in extracurricular activities.

In conclusion, students said it is very essential to learn the skills to provide care to the individuals but this may not be possible in online education. A student from the audience explained the difficulty that they are facing by watching the slides for a long time in the online mode and also he said it increases the screen time.

The moderator concluded by saying that online and offline education has to go hand



in hand based on the situation. But practical skills are essential in the computer application, so offline education is very much needed to develop logical skills.

Students applauded appreciating each of them who actively interacted.

**Photos of the Event to be attached as geo-tagged photos with the mail. (4 to 5 photos)**

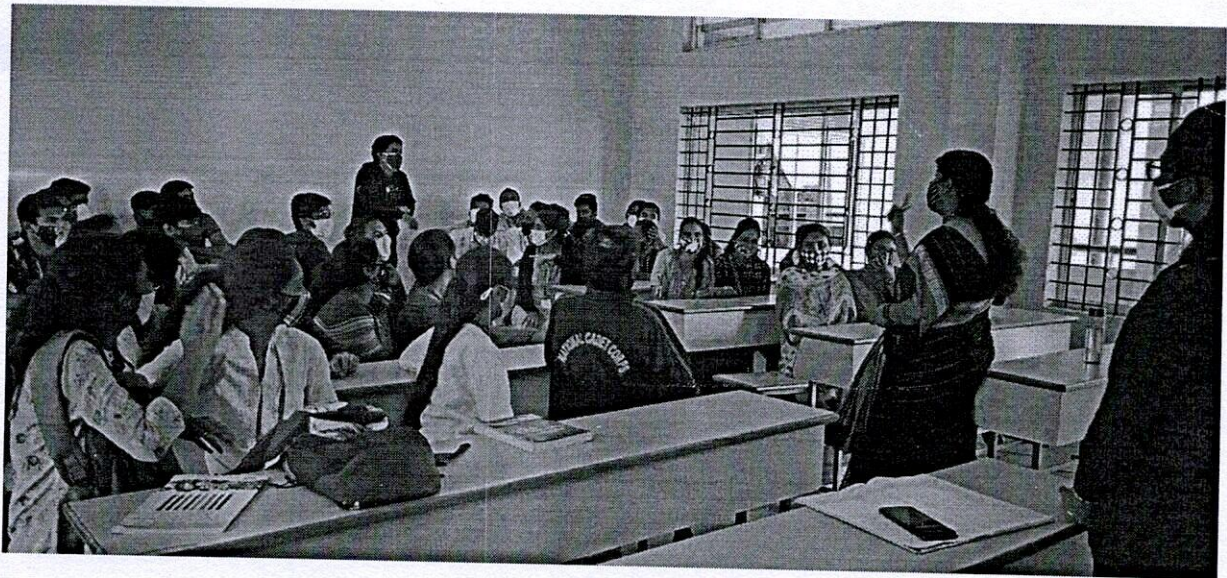
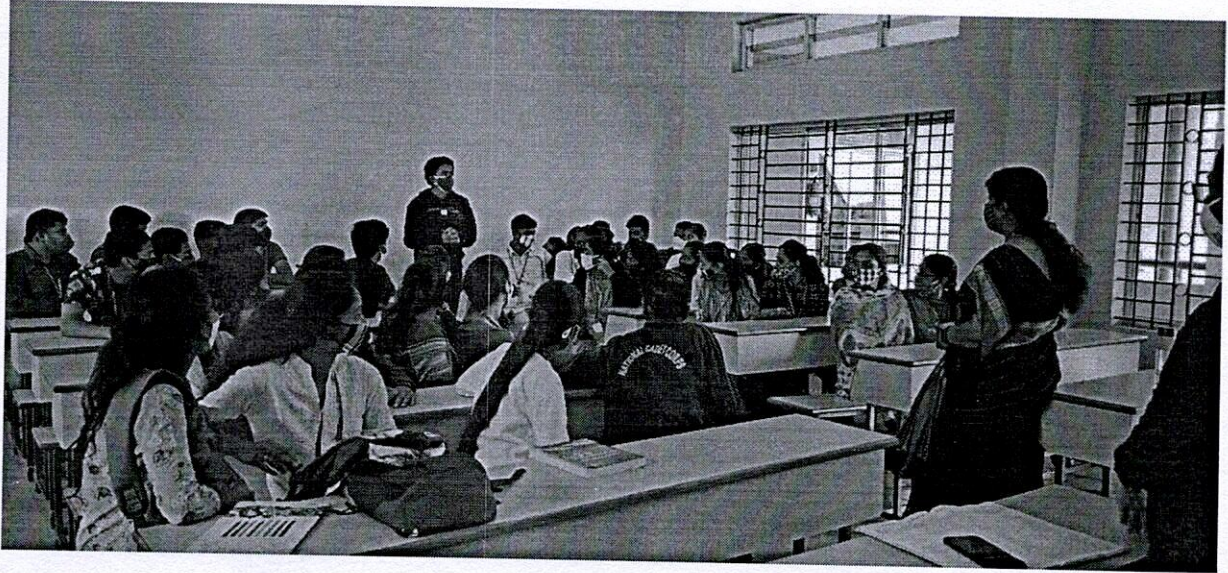


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# ST FRANCIS DE SALES COLLEGE

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### Report Format

Title	<u>Puzzle Activity</u>
Date of Event(s)	30th July 2021
Department / Association / Cell / Committee	Computer applications
Venue (Mention the platform if it is Online)	Room no 303
Number of Participants	45
Target Audience	BCA 3 <sup>rd</sup> Year

Event Coordinator	Mrs.Sailaja
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#### Class Activity:

**Objective:** To inculcate logical and critical thinking skills , and prepare final year students for interviews.

Department of computer science has organized a puzzle competition as a part of the class activity for the 3rd year BCA students. On the topic Analytical thinking and problem-solving. The competition was conducted to help the students to think logically, enhance practical knowledge of students and to be confident in their upcoming job interviews and campus interviews. All the puzzles that were asked in the competition were the question that was asked by the interviewer from the famous enterprises like Google,Infosys, Wipro, etc...

The entire class was divided into 3 teams and the students enthusiastically participated and showcased their brilliance by answering the questions which even helped them to work as a team. Though some of the questions were very tricky, the students tried to answer them with confidence. They found this competition very informative and knowledge enriching.

The Department of Computer Science encourages such positive competitions and hopes to bring out the best in all its students through such competitive events. The students



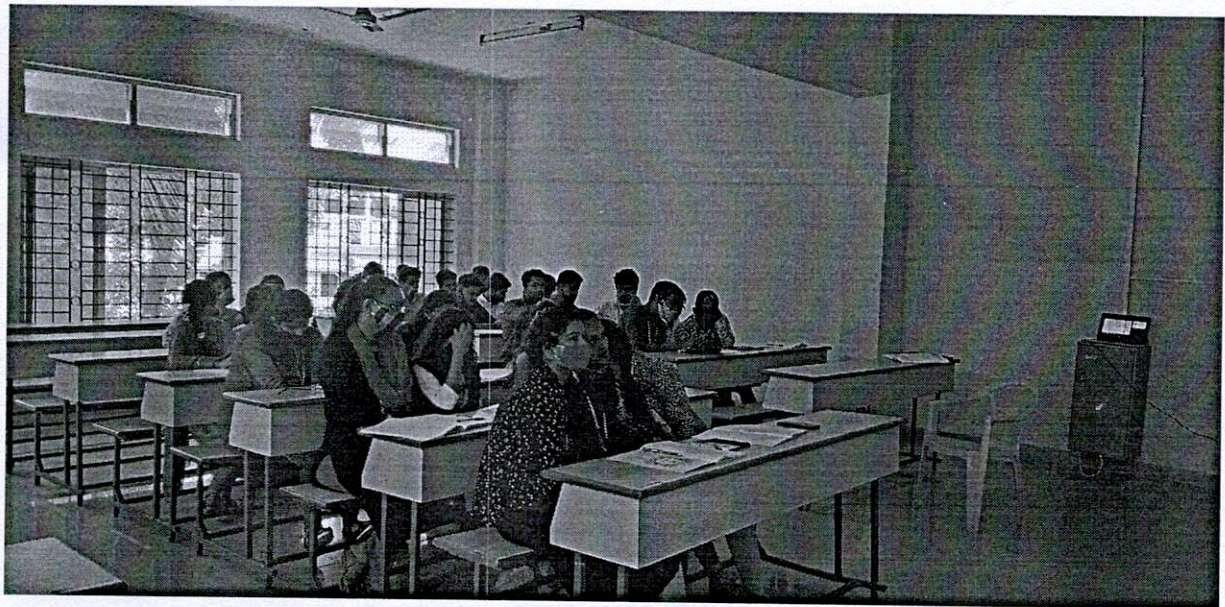
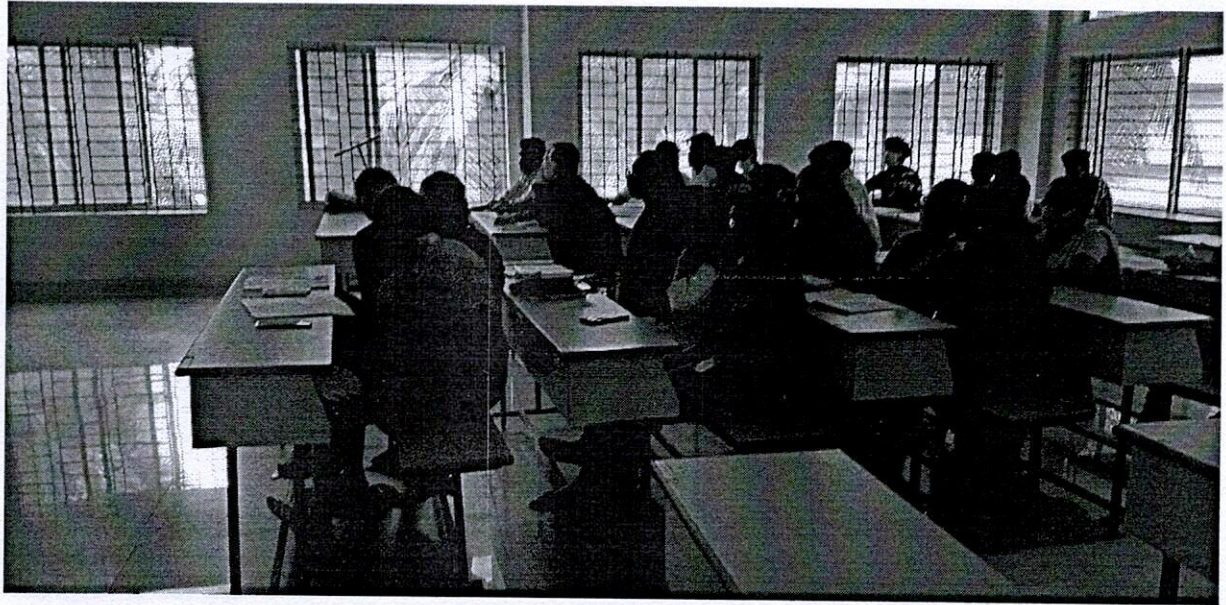
benefitted much with this competition by way of gaining much knowledge in problem solving and Analytical thinking.

Here are few sample questions,

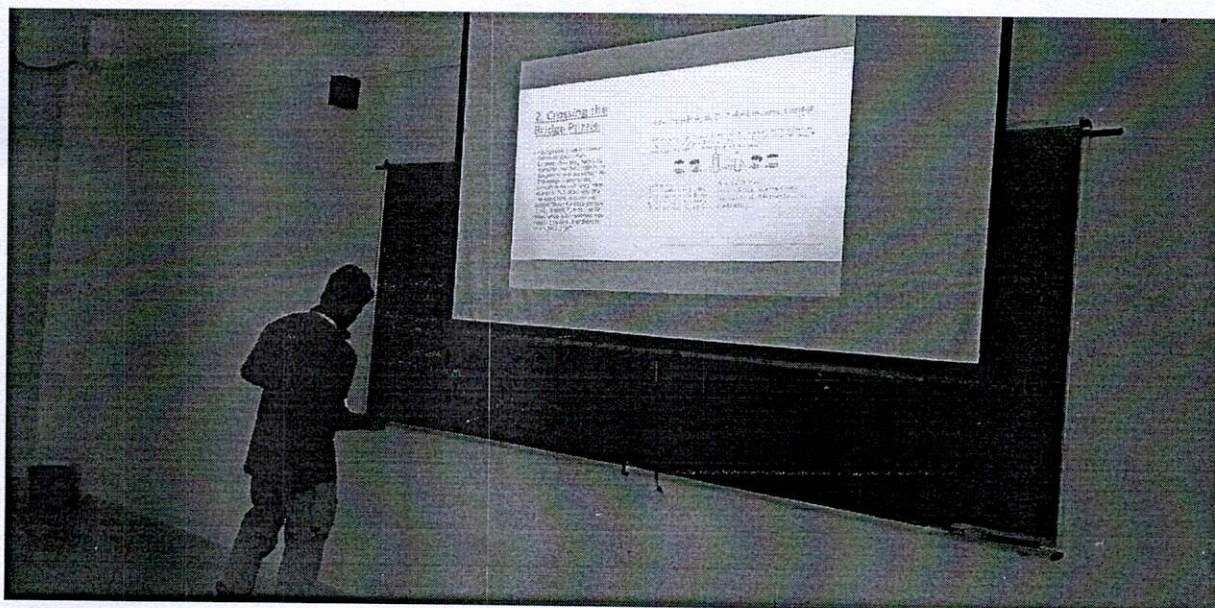
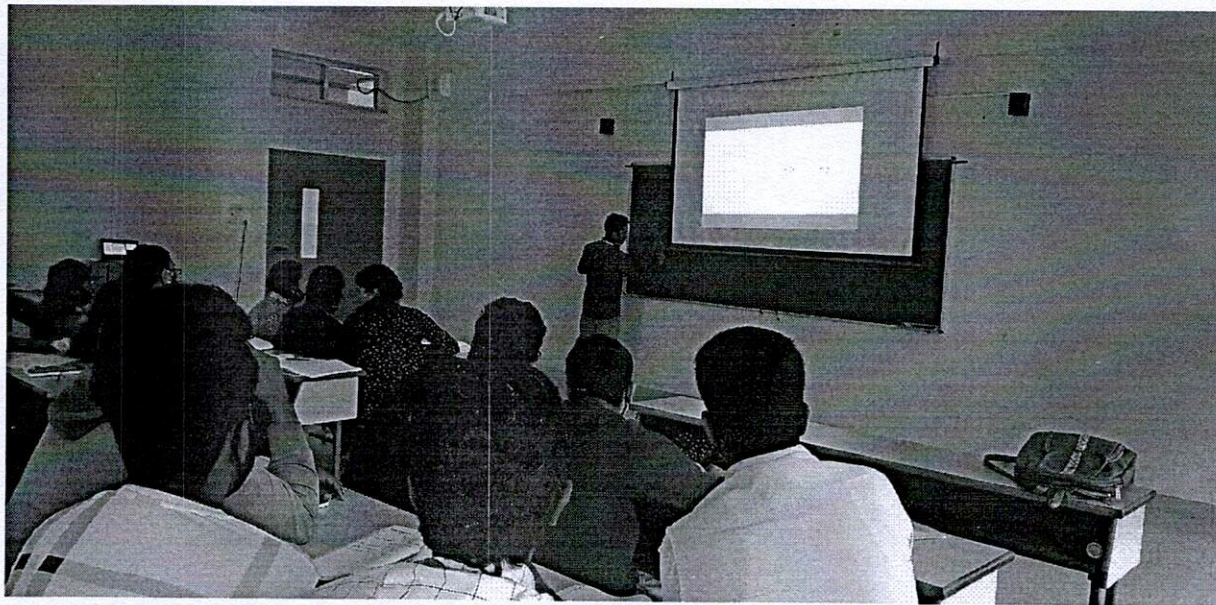
- 1. **Ants and Triangle Problem:** Three ants are sitting at the three corners of an equilateral triangle. Each ant starts randomly picks a direction and starts to move along the edge of the triangle. What is the probability that none of the ants collide?
- 2. **Crossing the Bridge Puzzle:** Four people need to cross a rickety bridge at night. Unfortunately, they have only one torch and the bridge is too dangerous to cross without one. The bridge is only strong enough to support two people at a time. Not all people take the same time to cross the bridge. Times for each person: 1 min, 2 mins, 7 mins and 10 mins. What is the shortest time needed for all four of them to cross the bridge?
- 3. **Heaven's Gate Problem:** You are standing before two doors. One of the path leads to heaven and the other one leads to hell. There are two guardians, one by each door. You know one of them always tells the truth and the other always lies, but you don't know who is the honest one and who is the liar. You can only ask one question to one of them in order to find the way to heaven. What is the question?
- **Wolf-Goat-Cabbage:** There is a farmer who wishes to cross a river but he is not alone. He also has a goat, a wolf, and a cabbage along with him. There is only one boat available that can support the farmer and either of the goat, wolf or cabbage. So at a time, the boat can have only two objects (farmer and one other).
- But the problem is, if the goat and wolf are left alone (either in the boat or onshore), the wolf will eat the goat. Similarly, if the Goat and cabbage are left alone, then goat will eat the cabbage. **How many minimum trips for the farmer to get everything on the other side** (without any harm)? Crossing the river counts as one trip.

At the end few student come up with different puzzles to solve, it was quite an interesting session.









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