LCC Report 2022-23

Projectify (November)

AIM: To guide the students in building a project.

OBJECTIVE: To conduct a hands-on session where students, under guidance build a project.

SESSION SUMMARY:

The session was conducted online via Google Meet over the span of a week. A total of 90 participants were shortlisted. The students were assigned a project from one of 3 domains web development, mobile app, and machine learning. Each domain had mentors assigned, who came up with the basic requirements for the respective project. The students were encouraged to explore their creativity and collaboration. The mentors provided assistance and guidance when needed. Over the course of a week, the participants worked together to build their projects, which they got to showcase at the end of the week.

OUTCOME:
1. Participants experienced a hands-on approach to building a project.
2. The participants learned to collaborate with their peers.
3. Outstanding projects from each domain were recognized.

Date of conduction: 02/11/2022.

Number of students attended: 90.

Docker (January)

AIM: To guide the students in building a project that allows them to build, test and deploy applications quickly.

OBJECTIVE: To gain knowledge and skills in containerization technology which is a widely used method of deploying and managing applications in modern software development.

SESSION SUMMARY:

The docker session was conducted as an introductory session on containerization technology. The session aimed to provide an overview of docker and how it can be used to simplify software development and deployment. The session covered key concepts of Docker architecture, creating Docker containers, and managing Docker containers.

The Docker session was attended by 53 students on the first day and 23 students on the second day.

OUTCOME:
1. Participants experienced a hands-on approach to building a project.
2. Improved software development skills.
3. Understanding of containerization technology.

Date of conduction: 06/01/2023 - 07/01/2023

The number of students who attended:
- 1st day 53 students
- 2nd day 23 students.

Fosscamp (January)

AIM: To help the students to think outside of the box and help them to utilize their time productively, FOSS CAMP 2023 aims at improving the technical and non-technical capabilities of the participants.

OBJECTIVE: FOSS CAMP, the annual technical fest was conducted by Linux Campus Club, JSSSTU from 20th January to 27th January 2023. FOSSCAMP 2023 hosted a plethora of fun-filled technical and nontechnical events which aimed at helping the students to sharpen their skills.

SESSION SUMMARY:
FOSSCAMP 2023 included 6 fun-filled technical and non-technical events. All the events were conducted offline and an overwhelming participation was received for all of them. LCC's website and the official Instagram page kept the students posted about the latest updates. These events helped the participants to utilize their time productively. The participants appreciated the events and the feedback received was positive.

EVENTS:

1. **VIVECHAN:** A mock placement event for the juniors where they got to experience the entire placement process.
   - Number of Participants: 724
   - Date of Conduction: 20/01/2023 and 21/01/2023.

2. **TRACKBACK:** Given an output, the students had to track it back and come up with the source code.
   - Number of Participants: 58
   - Winners:

- - 1st place: Shamanth U, Akshay Urs M, Aryan Thakur, Ashmit Ranjan.
    - 2nd place: Shivkoroman, Rishab, Adithya K R Singh, Ashutosh Pandey.
  - Date of Conduction: 23/01/2023

3. **BERMUDA TRIANGLE:** A technical event in which teams of 3 students solved separate coding questions, then swap systems and work on a teammate's question.
   - Number of Participants: 33
   - Winners:
     - 1st place: Akash N, Chandan S Gowda, Brahmakeerthi, Aryan Thakur, R Singh, Kiran Dev K
     - 2nd place: Shamanth U, Akash Urs M, Gohith
   - Date of Conduction: 24/01/2023 Adithya K

4. **SPIDER WEB:** The participants must solve the hints given to them and decode the passwords to unlock a given pdf file containing the programming question. Those who solve the most number of these questions in the shortest time are the winners.
   - Number of Participants: 51.
   - Winners:
     - 1st place: Shamanth U, Akshay Urs M, Pratik Rajput, Vikyath Gowda
     - 2nd place: Yashwanth Kumar MV, Pradhyumna Bhat, Kshitij Varshney, Aryan Thakur.
   - Date of Conduction: 25/01/2023

5. **CODE-2-REMEMBER:** It is a 2-person per team coding competition, where the members are separated, and each will be provided with a separate programming question. Each team member has to explain the problem given to him to their peers and he has to code the solution for his team mates questions.
   - Number of Participants: 30
   - Winners:
     - 1st place: Shamanth U, Akshay Urs M, Aryan Thakur, Tushar Singh
     - 2nd place: Adarsha MS, Vikyath Gowda
   - Date of Conduction: 27/01/2023

6. **DECRYPTO:** An online non-technical event where participants will be presented with images and will have to use their wit and intuition to guess the correct answers and advance through the competition.

- Number of Participants: 200
- Winners:
    - 1st place: R Harshith
    - 2nd place: Niyog Mohan
- Date of Conduction: 28/01/2023(Online)

Placement Talk (May)

AIM: To provide guidance to all students regarding placements and answer their placement-related queries.

OBJECTIVE: To conduct an informative and interactive session online and provide all students with a detailed insight into various stages in the campus placement process and clear their doubts.

SESSION SUMMARY:

The session was conducted online via Google Meet which was live streamed on Youtube. All placement-related queries were collected from the students beforehand through Google Forms.

LCC members placed in Mckinsey, Cisco, WDC, Siemens, and LogMeIn shared their experiences of the entire interview process and gave some tips regarding how to crack those companies. Hosts asked all student queries which were answered by the speakers. The students were asked to post additional queries in the comment section of the live stream. The hosts asked those questions on behalf of the students and the speakers answered them also. The answers were informative and helpful with additional tips being offered to students. The session was concluded with a Vote Of Thanks.

OUTCOME:
The session was conducted smoothly and successfully.
At the end of the session:
- Students got to know the experience of Interviews of the seniors placed in various top companies
- All student queries were answered.
- Students were enlightened on the current placement scenario. They were encouraged to remain positive and confident.
- Students received tips to prepare for various rounds of placement.
- The session was considered useful and informative by the students.

Date of Session: 14/05/2023.
Time: 12.00 p.m.
Target Audience: Students of all semesters and branches.

Number of Students who attended the live stream: 500 (real-time watchers around 60).

DSA Bootcamp and Contest (June)

AIM: To help students to get a better idea of Data Structures and Algorithms in view of competitive coding and placements.

OBJECTIVE: Have a hands-on DSA Bootcamp covering most of the topics helping with campus placements followed up by a DSA Coding Contest with winners given opportunities for internships

SESSION SUMMARY:
Firstly, the DSA bootcamp session covered all the important DSA topics w.r.t competitive coding and campus placements majorly covering topics like arrays, strings, DP, etc. To follow it up there was a DSA coding contest conducted which was based on all the topics covered in the boot camp.

OUTCOME:
- Improved Problem-Solving Skills.
- Confidence in Competitive Coding
- Preparation for Technical Interviews

Date of Conduction: 14/06/2023.

Number of Participants: 50

Fossbytes (July)

AIM: To help the students to think outside of the box and give them a healthy competitive environment, FOSSBYTES 2023 aims at improving the technical and non-technical capabilities of the participants.

OBJECTIVE: FOSSBYTES, the annual technical fest was conducted by Linux Campus Club, JSSTU from 4th July to 10th July 2023. FOSSBYTES 2023 hosted a plethora of fun-filled technical and non-technical events which aimed at helping the students to sharpen their skills.

SESSION SUMMARY:
FOSSBYTES 2023 included 4 fun-filled technical and non-technical events. All the events were conducted offline and an overwhelming participation was received for all of them. LCC's website and the official Instagram page kept the students posted about the latest updates. These events helped the participants to utilize their time productively. The participants appreciated the events and the feedback received was positive.

EVENTS:

1. **CRYPTIC HUNT:** A non-technical event with 8 difficult levels with clues to crack, making the participants think out of the box to decipher the levels and bag the prizes.
   - Number of Participants: 61
   - Winners:
     - 1st year:
       - 1st prize: Mayank, Swaraj
       - 2nd prize: Yuvraj, Prashant
   - Date of Conduction: 4/07/2023

2. **SMACK D BUG:** A technical event in which students analyzed and traced the program filled with errors, and optimized it.
   - Number of Participants: 60
   - Winners:
     - 1st year
       - 1st: Anagha Sharma & Akshay TH
       - 2nd: Vaibhav Kumar KR & Srujan S Padmashali
     - 2nd year
       - Ashutosh Pandey & Aryan
     - 3rd year
       - 1st: Shamanth U & Ganesh Namaji
       - 2nd: Yashwanth Kumar MV & Venkatesh A Hanamsagar.
   - Date of Conduction: 06/07/2023

3. **TRACKBACK:** Given an output, the students had to track it back and come up with the source code.
   - Number of Participants: 64
   - Winners:
     - 3rd year: Chinmay and Shamanth
     - 2nd year: Yug shah and Aryan
     - 1st year:
       - 1st place: Satish and Aryan
       - 2nd place: Srujan S P and Surya P
   - Date of Conduction: 07/07/2023

4. **SPIDER WEB:** A technical event in which teams of 2 had to crack the encrypted pdfs with clues and then solve the questions inside it.
   - Number of Participants: 64
   - Winners:
     - 2nd year:
       - 1st : Aryan (IS) Yug(CSBS)
       - 2nd: Prishita (CSBS) Jeevitha (CSBS)
     - 1st year:

- - 1st: Akshay TH (CSE) Anagha Sharma M (CSE)
  - 2nd: SRUJAN S PADMASHALI(CSE) NIRMITH(CSE)
- Date of Conduction: 10/07/2023