Report on 5 Days' Online Skill Development Workshop
on
"Creating Mobile Apps using Flutter-MongoDB"

Duration: 5 days (2 Hours session every day + 30 mins Queries/Doubts)
Date of Commencement: 10th – 15th September 2021
Date of Valedictory: 16th September 2021

Department of Computer Science and Internal Quality Assurance Cell (IQAC), Mata Sundri College for Women, University of Delhi, initiated the Five Days' online Skill Development Workshop on "Creating Mobile Apps using Flutter-MongoDB" in collaboration with GirlScript Foundation on **10th September 2021**. Our college supports, engages and assists students in active learning for enhancing their technical and creative capabilities. Besides regular courses, various departments along with IQAC periodically organize various workshops and events for the benefit of students. These courses offer students numerous internships as well as job opportunities.

The workshop was inaugurated by Prof. (Dr.) Harpreet Kaur, Principal, Mata Sundri College for Women. She appreciated the challenge accepted by Computer Science students to develop an app for the college and their eagerness to learn the open-source technology and add to their skill set. The Convener of the workshop Ms Ashema Hasti introduced the workshop theme as well as the Resource Persons Mr Nitesh Kumar and Mr Shravan M. She also welcomed the Guest Mr Mohit Varu, Managing Director, GirlScript Foundation. Dr. Kiranjeet Sethi, Course Coordinator, Department of Computer Science encouraged the participants and Dr. Lokesh Kumar Gupta, IQAC Coordinator provided some suggestions for developing college app. A very active participation was seen, and students were given tasks to do at the end of each session.
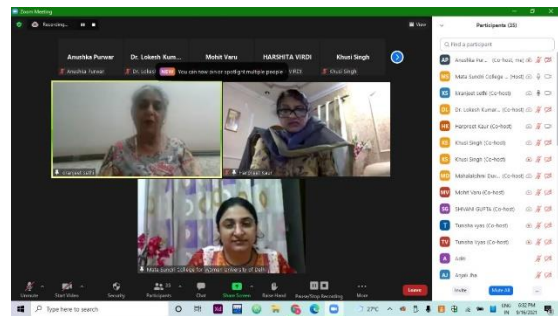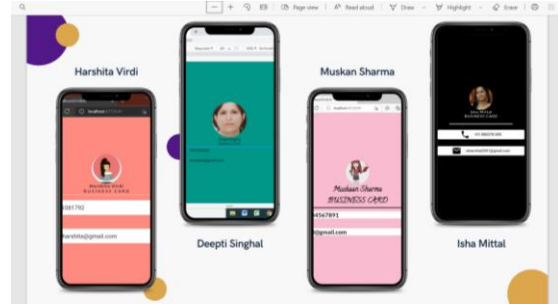
The aim of this workshop was to provide participants an opportunity to learn high-demand skill of designing and creating cross-platform mobile apps in easy steps. Flutter is a free and open-source mobile UI framework that allows to create a native mobile application with only one codebase that runs both on iOS and Android. MongoDB is one of the popular open-source NoSQL databases. The highlight of the course was hands-on training to participants and creation of apps. The work on college app has also been initiated during this workshop. A team of students of BSc(H) CS is working on it. The workshop was divided into 5 technical sessions of two hours each, plus 30 minutes of Q&A session. The workshop was conducted entirely in online mode, after college hours and on weekends, using Online Platform of Google Meet.

Participants had the opportunity to put together their skills in the apps designed and created by them and hence ideate the concepts, implement the same and carry it to completion. All doubts of the participants were promptly solved by the organizers. The workshop saw an enrolment of 65 participants from various departments of our college as well as from other institutions of Delhi-NCR. The students found the sessions beneficial and interesting as the mentors explained in an elaborate yet simple manner. Students were provided E-Certificates at the end of the workshop based on their completed projects.
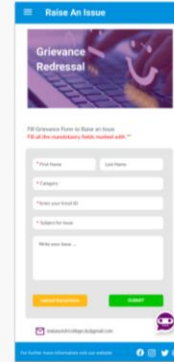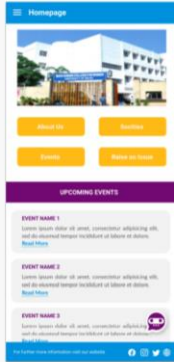
The Valedictory session was held on **16th September 2021** from 6:00PM onwards and was graced by the presence of Prof. (Dr.) Harpreet Kaur, Principal, Mata Sundri College for Women, Dr. Kiranjeet Sethi, Department Course Coordinator, Dr. Lokesh Kumar Gupta, IQAC

Coordinator and all faculty members of the department, who appreciated the efforts of the organizing team and enthusiasm of participants. A power-point presentation showing the work and practical assignments done by the students was shown by the Programme Convener Ms Ashema Hasti. Participants shared their feedback and experience. The valedictory function concluded with a formal vote of thanks by the Department Coordinator.
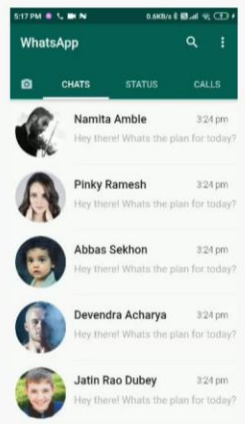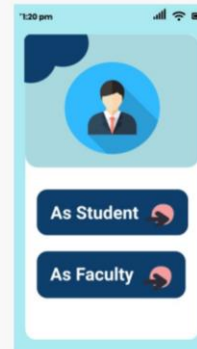
SNAPSHOTS OF THE EVENT:

App Team 1

App Team 2

WhatsApp Clone