SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

REPORT OF
WORKSHOP ON

React Native

11 AUGUST 2023

ORGANIZED BY
MCA DEPARTMENT
UNDER THE BANNER OF

TECHNICALLY SUPPORTED BY

BIGSCAL TECHNOLOGIES PVT. LTD.

Coordinated by
Prof. Prashant Keswani
Mrs. Riddhi Patel

- React Native is a JavaScript framework for writing real, natively rendering mobile applications for iOS and Android. It's based on React, JavaScript library for building user interfaces, but instead of targeting the browser, it targets mobile platforms. In other words: web developers can now write mobile applications that look and feel truly "native," all from the comfort of a JavaScript library. Plus, because most of the code written can be shared between platforms, React Native makes it easy to simultaneously develop for both Android and iOS.

- With an intention to make MCA Sem 3 students aware on the basics of the React Native app with CRUD operations, we conducted the workshop on React Native under the banner of **SCETAA** as Mr. Tosif Saiyad is SCET alumnus. This workshop will help the students in the practicals of the subject Mobile App Development with Web Integration, which is part of their Sem 3 curriculum.

Details of the Workshop

| Date and Time:	11th August 2023 (1:30 PMto 3:30 PM)
Venue:	MCA Lab
Targeted Audience	Faculty members and Students of SCET MCA
Coordinated By:	Prof. Prashant Keswani, Mrs. Riddhi Patel
Organized By	MCA Department
Participation	65+ students
Speaker	Mr. Tosif Saiyad, Senior Team Lead, Spiralyze, Bigscal Technology Pvt. Ltd (SCET Alumni), Mr. Ashish Manani, Project Manager, Bigscal Technology Pvt. Ltd.
Key Learning	✓ Introduction to React Native ✓ Why React Native? ✓ Demo App in React Native ✓ Calling Web Services ✓ CRUD Operations ✓ Deploying on Android

Workshop in Brief:

- The workshop started with a warm welcome to **Bigscal team** and participants by Prof. Prashant Keswani.

- **Prof. Prashant Keswani** introduced the **React Native** Expert **Mr. Tosif Saiyad, Senior Team Lead &Mr. Ashish Manani**, **Project Manager** of **Bigscal Technology Pvt Ltd**, to audience.

- **Mr. Tosif Saiyad** started with Basics of **React Native. And why we use this react library.** The speaker also discussed about **Web services, REST API, methods services how to use Database and JWO.**

- **Mr. Ashish Manani** started from scratch **how to install React Native project, explain package.json file, component, Login Screen and explain the elements for form design in React Native.**

- He covered **all API Methods with examples.**

- **Live demo of Hotel Room Booking** application was completely demonstrated with explanation of **all API methods with example**. It was shown to students **how to create API and how to use API methods in React Native.**

- **Mrs. Riddhi Patel** thanked **Mr. Tosif Saiyad and Mr. Ashish Manani** from **Bigscal Technology PVT. LTD.** to collaborate for the benefits of Students of SCET.

- A **Momento** was presented to **Mr.Tosif Saiyad**by **Prof Gayatri Kapadia, HoD, MCA,** as a taken of gratitude from **MCA SCET** and **SCETAA**.

- A **Momento** was presented to **Mr. Ashish Manani** by **Prof. Prashant Keswani.**

- The lab session was full of queries, and a lot of practice. Along with speakers **Prof. Prashant Keswani, Mrs.Riddhi Patel, Ms. Preksha Parmar** were present through out to help students to learn React Native.

- Mrs. Riddhi Patel presented to **Vote of Thanks.**

- The Workshop concluded after sharing feedback link to the participants.

Some Glimpses of the Workshop:

During this Session
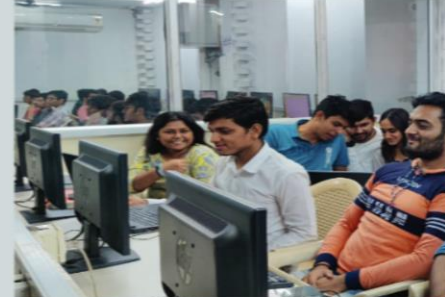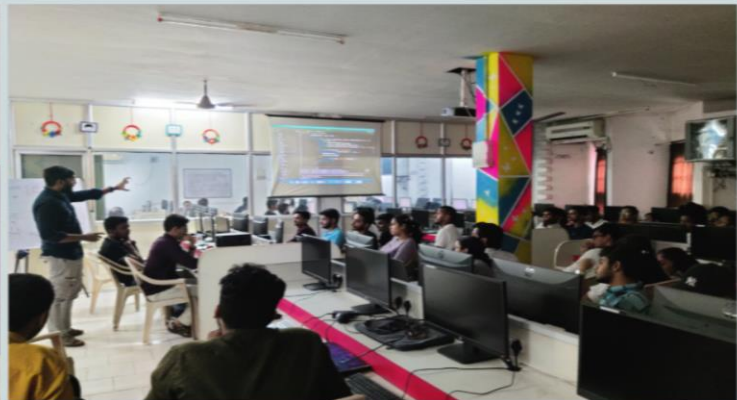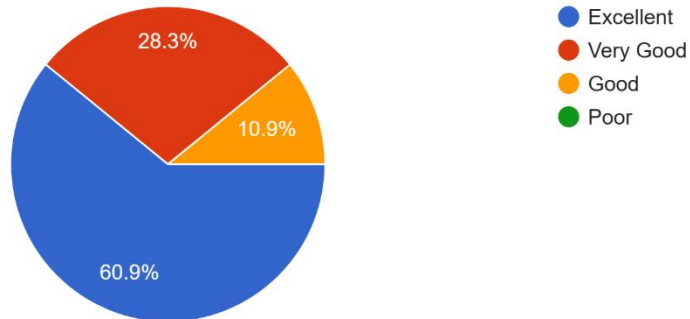

During this session

Valedictory

The Enthusiastic learners with speakers
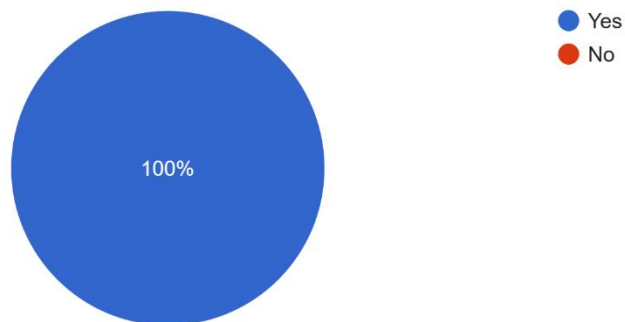
Feedback of the Workshop:
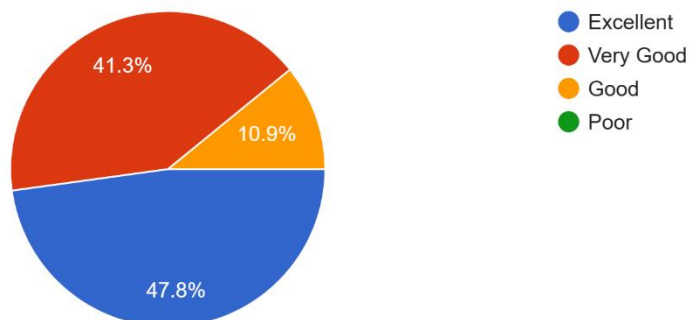
1. How was the workshop?
46 responses

- ● Excellent
- ● Very Good
- ● Good
- ● Poor

28.3%
10.9%
60.9%

2. Were you satisfied with the quality of the content covered?
46 responses

- ● Yes
- ● No

100%

3. The workshop contents were relevant and easy to understand?
46 responses

- ● Excellent
- ● Very Good
- ● Good
- ● Poor

41.3%
10.9%
47.8%

4. Would you like to attend more such workshops?

46 responses

- Yes
- No

100%
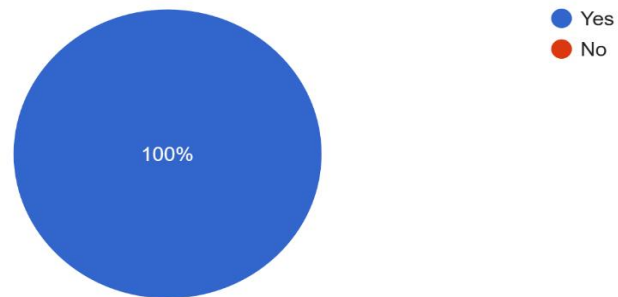
5. How much you gain from this workshop?

46 responses

- Excellent
- Very Good
- Good
- Poor

58.7%

8.7%

32.6%
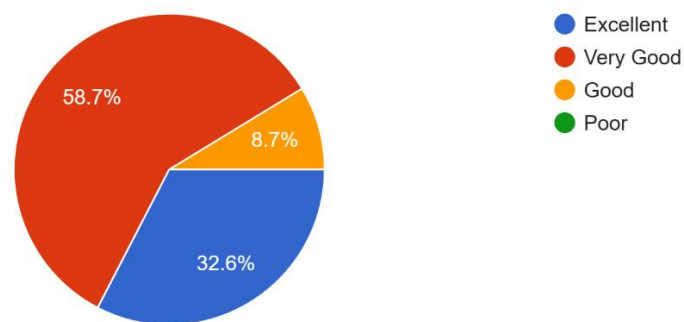
6. Suggestion if any.

13 responses

No

Awesome session to learn many things

NIL

Excellent

NA

Really informative and learned the working of APIs. Overall really excellent session.

Want , speakers like them in another workshops also

If we can get more time for workshop for getting sufficient time for solving queries or we can have QA session also at the last.

FLUTTER

6. Suggestion if any.

13 responses

Excellent

NA

Really informative and learned the working of APIs. Overall really excellent session.

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NO

Nil

Your effort is very much but time is too sort

The response to the workshop and feedback by the students was good. Comments of the students have been included in the report for reference. We would like to thank **Dr. Hiren Patel**, Principal, SCET, for providing an opportunity to schedule such workshop. We would also like to thank **Dr. Chirag Paunwala Convener, SCETAA** for his support in organizing this workshop.

Report Compiled by Prof. Prashant Keswani & Mrs. Riddhi Patel