



Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule
Approved by AICTE & Affiliated to DBATU
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year 2022-23

Name of Event	:	“XAMARIN WORKSHOP”
Dates	:	16,17,18th , 23 rd & 24 th December 2022
Venue	:	Computer Center, First Floor, Dept of Computer Engineering, SVKMIOT, Dhule
Participating Class	:	S.Y,T.Y,B.TECH Computer
Organizer	:	Department of Computer Engineering
Coordinators	:	Prof. Vijaylaxmi Bittal, Prof. Rinku Sharma
Student Volunteers	:	S.Y.Students- Manasi Patil, Naresh Sonawane,Prerena Jalankar,Jaykishan Varma,Aayush Kadam

• **Objective :**

The objective of this workshop is to

- Students will learn to develop the mobile based application.
- Students can get hands on experience on Xamarin Android, iOS, Test Cloud, and HockeyApp
- Students got the brief knowledge of Xamarin: One Technology Stack to Code for All Platforms

Activity Details: following topics are covered

1. Introduction to Microsoft Xamarin forms.
2. Understanding and learning controls and events in Xamarin.
3. Learning C# .NET and OOP Concept.
4. NUGET Package Manager.
5. Learning local database SQLITE.
6. Implementing mini projects.
7. Rest API and POSTMAN



- **Total No. of Student Turned up: 30** students participated from S. Y. Computer Engg.

1. **Outcome of Activity :** Students developed a Mobile based Application DONAR and launched it on google playstore.

POs Mapped: PO3,PO5,PO12

PSOs Mapped: PSO1,PSO2,PSO3

JUSTIFICATION FOR MAPPING

PO/PSO MAPPED	JUSTIFICATION
PO3	Student will learn, understand and apply controls and events in Xamarin language for designing and developing applications
PO5	Students used modern tools like NUGET for modern engineering
PO12	Student became aware of the need for lifelong learning and the continued upgrading of technical knowledge of Microsoft Xamarin forms and development.
PSO1	Student gain the knowledge Microsoft Xamarin forms to design and develop the allocation in the field of Application Development
PSO2	Students acquired the ability to apply standard practices and strategies in software project development using Microsoft Xamarin forms and development.
PSO3	Students developed their own application DONOR on Xamarin platform and published it. This helped students in creating innovative career paths to be an entrepreneur, and a zest for higher studies and research.

PO Attainment:

Rubrics for Attainment:

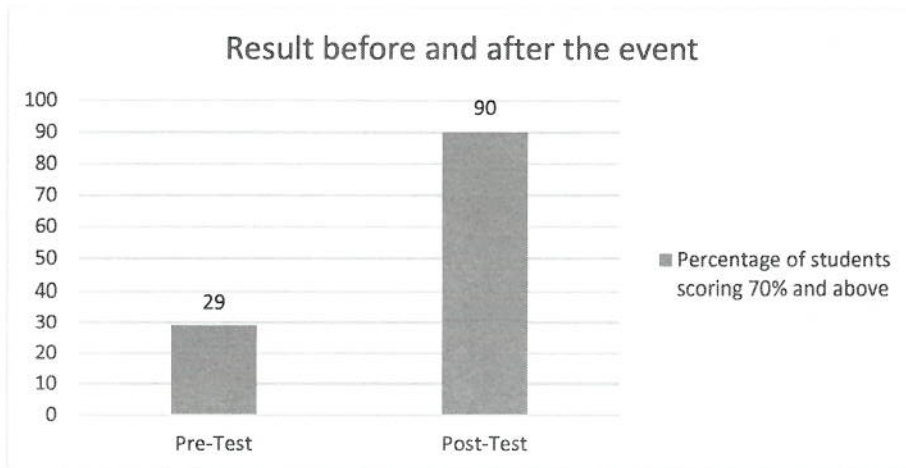
Attainment Level	Description
Level 1 : Low	50% of students got Zero knowledge t level in the Exam.
Level 2 : Medium	60% of students scoring more than set attainment level in the Exam.
Level 3 : High	70% of students scoring more than set attainment level in the Exam.

Overall Attainment: Level 3 (high)

PO's attained: PO3, PO5, PO12, PSO1,PSO2,PSO3

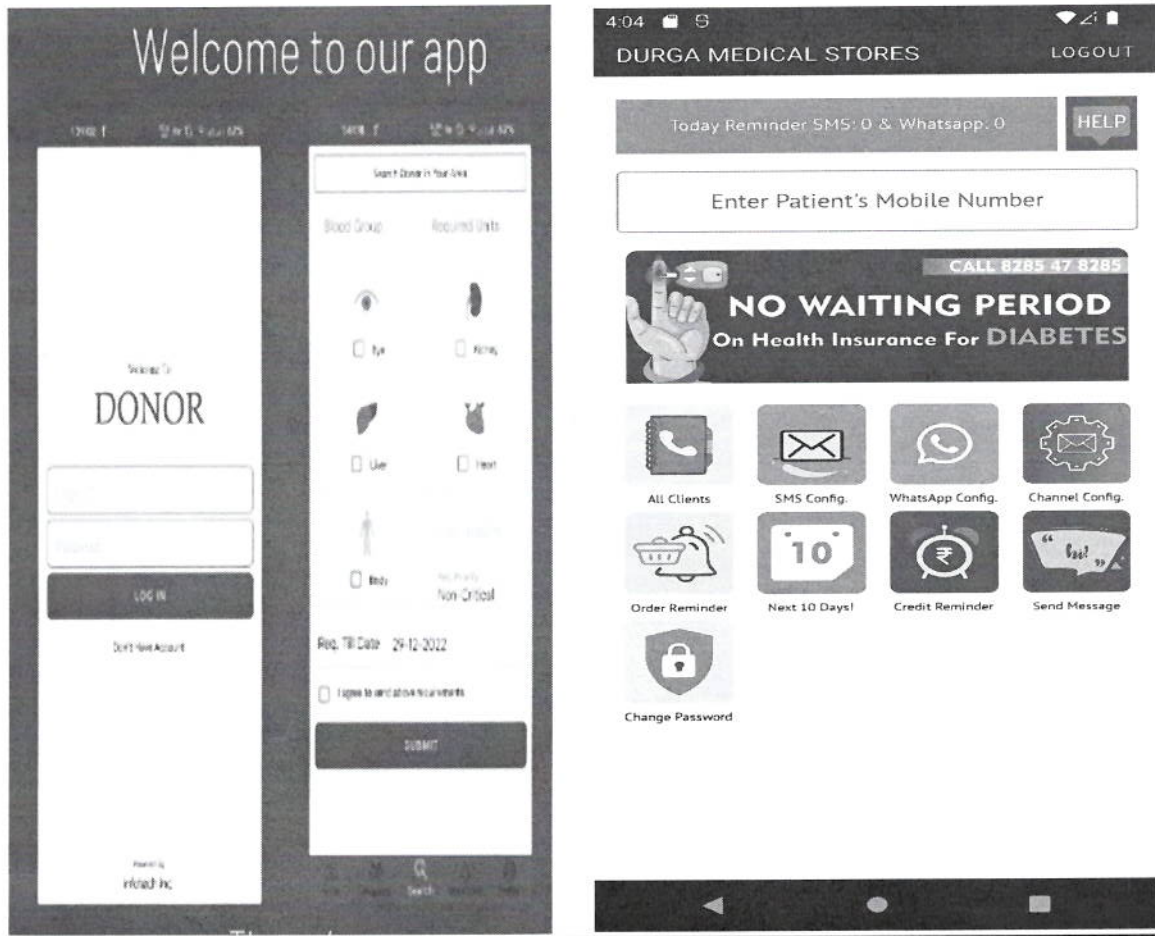






Some Glimpses of STTP:





Feedback:

1. objectives of the training clearly communicated

Yes 16

No 0

2. The training is provided new things to learn

Yes 16

No 0

3. The speaker effectively handled all questions related to training.

Yes 16

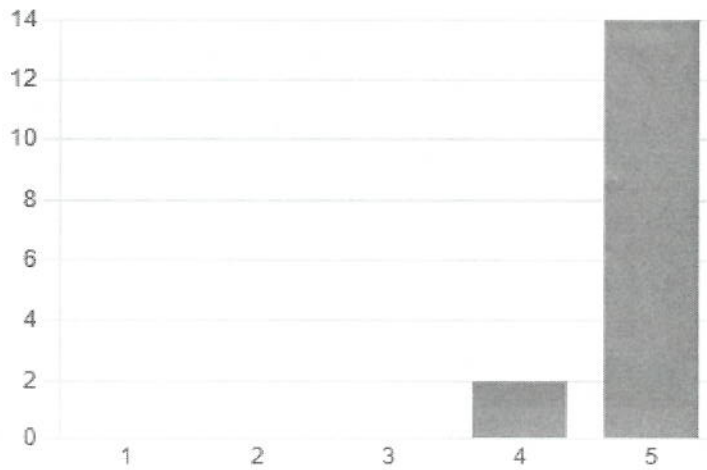
No 0

4. In future such kind of sessions recommended



Yes 16
no 0

5. Overall rating for the training :



VSBity
Prof. Vijaylaxmi Bittal
Program Coordinator

Rosi
Prof. Rinku Sharma
Program Coordinator

WJII
Dr. Makarand Shahade
H.O.D. Computer Dept.
SVKM's Institute of Technology, Dhule
HOD

