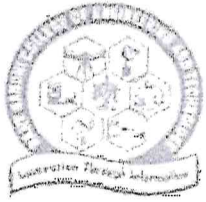Capacity Development and skills Enhancement Activity

<u>AWARENESS OF TRENDS IN TECHNOLOGY</u>

MOBILE APP DEVELOPMENT

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)

(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

1 December 2021

From

C.A.Aswini,

Event Coordinator,

Department of MCA,

Rajiv Gandhi College of Engineering and Technology,

Kirumampakkam, Puducherry - 607 403.

To

The Principal,

Rajiv Gandhi College of Engineering and Technology,

Kirumampakkam, Puducherry - 607 403.

THROUGH THE HEAD OF THE DEPARTMENT, DEPARTMENT OF MCA

Respected Sir,

Sub: - Request for permission to conduct a one-day workshop on Mobile App Development: from concept to deployment for MCA Students-reg.

I have planned to conduct a one-day workshop on the topic " Mobile App Development: from concept to deployment " on 9/12/2021. I will be the coordinator for conducting the workshop. The aforementioned workshop will be offered to the II and I-year students of the MCA Department. I kindly request you to grant permission to conduct this program.

Thanking you,

Yours sincerely,
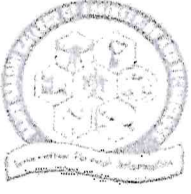
C.A.Aswini

Event Coordinator

Forwarded to Principal

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
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DEPARTMENT OF COMPUTER APPLICATIONS

No: RGCET/MCA/Circular/2021-22/ WS01   Date: 5.12.2021

CIRCULAR

I am excited to inform you that a one-day workshop on the topic "MOBILE APPLICATION DEVELOPMENT: FROM CONCEPT TO DEPLOYMENT" is going to be conducted on 15/12/2021. The aforementioned WORKSHOP will be offered to the II and I Year students of the MCA Department.

All are invited

HOD / MCA

Copy to:

1. Circulate to all Faculty Members and MCA students
2. Notice board / file

Dr. E. VIJAYAKRISHNA RAPAKA
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Kirumampakkam, Puducherry - 607 402.

WORKSHOP

Department of Computer Application

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHONOLOGY

Cordially Invite you to the

ONE DAY WORKSHOP
ON

Mobile Application Development: from Concept to Deployment

On 09th December 2021 @9.30
A.M In Seminar Hall, RGCET

Dr.E.VIJAYAKRISHNA RAPAKA
Principal,RGCET
Will offer felicitations

Dr.E.AYYAPPAN
Vice-Principal,RGCET
Will address the function

Dr.S. Thamizharasan
Associate Professor, Department of MCA
RGCET
Resource Person

ALL ARE WELCOME
BY
HOD,Staffs and Students of MCA

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
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Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

WORKSHOP DETAILS

Title of the Course	One-Day Workshop on Mobile Application Development
Workshop Name	Mobile Application Development
Workshop Duration	9.12.2021
Workshop Code	MCA21WS01
No. of. Registrants	71
Workshop Offered	Year: I, II (MCA) Sem: I & III
Event Coordinator	Mrs. C.A.Aswini, MCA Department, RGCET
RESOURCE PERSONS	Mr. A.M. JAMES RAJ,
	Assistant Professor& HOD,
	Department of CSE,
	Pope John Paul II College of Education
	Puducherry.

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
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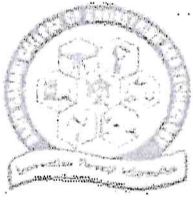
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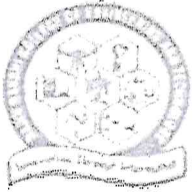
COURSE MODULE

COURSE OBJECTIVES

1. User-Friendly Experience: One of the primary objectives of mobile development is to create a user-friendly experience for app users.
2. This includes designing intuitive user interfaces (UI) and user experiences (UX) that are easy to navigate and understand.
3. The aim is to provide a seamless and enjoyable experience for users, which encourages them to engage with the app and return to it in the future.

COURSE OUTCOMES

By the end of this module, participants will be able to:

1. One of the primary benefits of mobile app development for businesses is the ability to reach a broader audience.
2. Mobile apps enable businesses to foster deeper connections with their customers by providing a personalized and interactive user experience.
3. In a crowded marketplace, establishing a strong brand presence is essential for standing out from competitors.
4. Mobile apps are not just for customer-facing interactions; they also streamline internal operations and increase efficiency within organizations.

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WORKSHOP SCHEDULE

Date	Session	Topics
9.30AM TO 10.30 AM	Welcome and Introduction	Opening remarks by Mr. R. SENTHIL KUMAR, Head of the Department. Introduction to workshop objectives and overview.
10.30 AM TO 10.45 AM	Introduction to Mobile App Development	Overview of mobile app development, including types of apps (native, hybrid, and web), development platforms (iOS, Android), and key trends.
10.45 AM TO 11.45 AM	Development Tools and Frameworks	Introduction to popular development tools and frameworks such as Android Studio, Xcode, React Native, and Flutter
11.45 AM TO 12.45 PM	Hands-On Development	Practical session where participants build a simple mobile app using the tools and frameworks discussed.
12.45 PM TO 1.30 PM	UI/UX Design Principles	Key principles of UI/UX design for mobile apps, including best practices for user interface design, user experience, and usability testing.
1.30 PM TO 2.30 PM	Testing and debugging	Techniques for testing and debugging mobile apps, including common tools and methods for ensuring app reliability and performance.
2.30 pm TO 3.30 PM	Deployment and Publishing	Steps to deploy and publish mobile apps to app stores, including preparation, submission processes, and post-launch considerations.
3.30 PM TO 4.00 PM	Report Generation and Documentation	Instructions on structuring a test and assembly report and essential components to include.

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Report On Work Shop
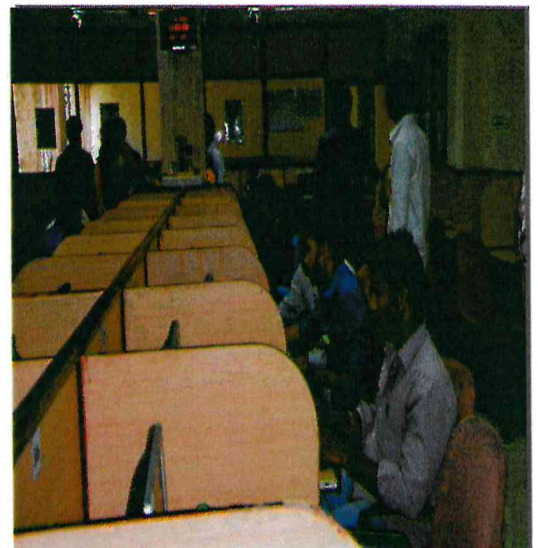
Organized by: Department of Computer Applications.

Date: 9.12.2021

Time: 9.30AM to 4.00PM

Topic: MOBILE APPLICATION DEVELOPMENT

The programme commenced with the lighting of the Ceremonial lamp by the Dr. S. Thamizharasan, Associate Professor, Department of MCA, RGCET, Dr.E.Vijaya Krishna Rapaka, Principal, RGCET, Mr. R.Senthil kumar, Head of the Department, MCA, Mrs. C.A.Aswini, Assistant Professor, Dept. of MCA, ,PAVITHRA.T, III MCA. After Inaugural ceremony, Mr.R.Senthilkumar, conducted a highly interactive session on as Introduction to workshop objectives and overview.

At the end of the workshop, the Valedictory session was held at 3.30 p.m., which was chaired by Dr.E.Vijayakrishna Rapaka, Principal, RGCET and Mrs. C.A.Aswini, Event Co-Ordinator, MCA expressed his trust that the participants would follow the growth and practice of MOBILE APPLICATION DEVELOPMENT. Mrs. C.A.Aswini, concluded the workshop with an interactive feedback session with participants and congratulated all the participants and organizers for successful completion.
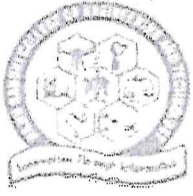

EVENT CO-ORDINATOR

HEAD OF THE DEPARTMENT

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
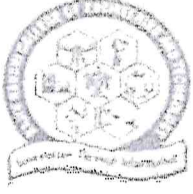PRINCIPAL
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LIST OF ENROLLED STUDENTS

S.no	Register No	Name of the student	Department	Year/Sem
1	20MCA001	ABINAYA.A	MCA	II/III
2	20MCA002	ASHOKKUMAR.A	MCA	II/III
3	20MCA003	DHAMODARAN.A	MCA	II/III
4	20MCA004	JAYAGANESH.J	MCA	II/III
5	20MCA005	KANNADHASAN.V	MCA	II/III
6	20MCA006	KEERTHANADEVI.C	MCA	II/III
7	20MCA007	MARLIYA FIRATHOSE. M. N	MCA	II/III
8	20MCA008·	NIRMAL KUMAR.R.M	MCA	II/III
9	20MCA009	NITHYA DEVI.K	MCA	II/III
10	20MCA010	PAVITHRA.T	MCA	II/III
11	20MCA011	PRIYANKA.M	MCA	II/III
12	20MCA012	RAMYA.K	MCA	II/III
13	20MCA013	RANGEETHA.K	MCA	II/III
14	20MCA014	RUBINA FATHIMA.K	MCA	II/III
15	20MCA015	VENGADAPRASATH.K	MCA	II/III
16	21800001	ADHI SANKAR.C	MCA	I/I
17	21800002	AJITHKUMAR.S	MCA	I/I
18	21800003	AKKASH.S	MCA	I/I
19	21800004	ARUN KUMAR.M	MCA	I/I
20	21800005	ARUN.V	MCA	I/I
21	21800006	ARUNA.G	MCA	I/I
22	21800007	BHAVANI.R	MCA	I/I
23	21800008	BOOBALAN.P	MCA	I/I
24	21800009	BREMKANNA.M	MCA	I/I
25	21800010	BUVANESHRAJ.M	MCA	I/I
26	21800011	DINAKARAN.M	MCA	I/I
27	21800012	DINESH.S	MCA	I/I

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28	21800013	GOKUL.K	MCA	I/I
29	21800014	GOKULNATH.P	MCA	I/I
30	21800015	GOPINATH.S	MCA	I/I
31	21800016	HARIHARAN.M	MCA	I/I
32	21800017	KALAIMATHI.G	MCA	I/I
33	21800018	KARTHIKEYAN.M	MCA	I/I
34	21800019	KIRUTHIGA.M	MCA	I/I
35	21800020	KOWSALYA.L	MCA	I/I
36	21800021	LAKSHMINARAYANAN.V	MCA	I/I
37	21800022	LOKESH.R	MCA	I/I
38	21800023	MANI BHARATHI.L	MCA	I/I
39	21800024	MANIBALAN.M	MCA	I/I
40	21800025	MATHESH.S	MCA	I/I
41	21800026	MURALIDHARAN.M	MCA	I/I
42	21800027	NASREEN.S	MCA	I/I
43	21800028	NIRMAL KUMAR.V	MCA	I/I
44	21800029	RAJAVEL.P	MCA	I/I
45	21800030	RIAZUDEEN.K	MCA	I/I
46	21800031	SANTHINI.N	MCA	I/I
47	21800032	SANTHIYA.M	MCA	I/I
48	21800033	SHARADH KISHAN.A	MCA	I/I
49	21800034	SHIEK SHAMS NUSARAT.N	MCA	I/I
50	21800035	SRI UBATHIYA.R	MCA	I/I
51	21800036	SUBHAM JAISINGH SINGH.J	MCA	I/I
52	21800037	SUGHANTHAN.A. K	MCA	I/I
53	21800038	VISHALEESWARAN.A	MCA	I/I
54	21800039	YOGESHWAR.S	MCA	I/I

Event Coordinator

Head of the Department

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Workshop Feedback Form
Mobile Application Development
A.Y:2021-22

Participant Information:

1. Name: _____

2. Register No._____

3. Year / Sem: _____

Department: _____

1. How would you rate your overall satisfaction with the workshop?

a. Excellent b. Very Good c. Good d. Fair e. Poor

2. How would you rate the quality of the content covered in the workshop?

a. Excellent b. Very Good c. Good d. Fair e. Poor

3. Were the topics covered relevant to your needs?

a. Yes b. No c. Partially

4. How useful did you find the hands-on sessions?

a. Very Useful b. Useful c. Somewhat Useful d. Not Useful

5. Was there enough time allocated for hands-on practice?

a. Yes b. No

6. How would you rate the trainers' expertise?

a. Excellent b. Very Good c. Good d. Fair e. Poor

7. How approachable and helpful were the trainers?

a. Excellent b. Very Good c. Good d. Fair e. Poor

8. How would you rate the organization of the workshop (venue, schedule, materials)?

a. Excellent b. Very Good c. Good d. Fair e. Poor

9. Do you feel confident in applying the skills learned during the workshop?

a.Yes b. No c. Partially

10. What topics would you like to see covered in future workshops? _____

Signature of the Student

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.
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RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Workshop Feedback Form
Mobile Application Development
A.Y:2021-22

Participant Information:

1. Name: __SANTHINI · N__
2. Register No. __218 00031__
3. Year / Sem: __I / I__
Department: __MCA__

1. How would you rate your overall satisfaction with the workshop?

✓a. Excellent b. Very Good c. Good d. Fair e. Poor

2. How would you rate the quality of the content covered in the workshop?

a. Excellent b. Very Good c. Good d. Fair e. Poor

3. Were the topics covered relevant to your needs?

a. Yes b. No c. Partially

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a. Yes b. No

6. How would you rate the trainers' expertise?

a. Excellent b. Very Good c. Good d. Fair e. Poor

7. How approachable and helpful were the trainers?

a. Excellent b. Very Good c. Good d. Fair e. Poor

8. How would you rate the organization of the workshop (venue, schedule, materials)?

a. Excellent b. Very Good c. Good d. Fair e. Poor

9. Do you feel confident in applying the skills learned during the workshop?

a. Yes b. No c. Partially

10. What topics would you like to see covered in future workshops? __Python__

Signature of the Student

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Workshop Feedback Form
Mobile Application Development
A.Y:2021-22

Participant Information:

1. Name: __BUVANESH RAJ·M__
2. Register No. __21800010__
3. Year / Sem: __I / I__
Department: __MCA__

1. How would you rate your overall satisfaction with the workshop?

a. Excellent b. Very Good c. Good d. Fair e. Poor

2. How would you rate the quality of the content covered in the workshop?

a. Excellent b. Very Good c. Good d. Fair e. Poor

3. Were the topics covered relevant to your needs?

a. Yes b. No c. Partially

4. How useful did you find the hands-on sessions?

a. Very Useful b. Useful c. Somewhat Useful d. Not Useful

5. Was there enough time allocated for hands-on practice?

a. Yes b. No

6. How would you rate the trainers' expertise?

a. Excellent b. Very Good c. Good d. Fair e. Poor

7. How approachable and helpful were the trainers?

a. Excellent b. Very Good c. Good d. Fair e. Poor

8. How would you rate the organization of the workshop (venue, schedule, materials)?

a. Excellent b. Very Good c. Good d. Fair e. Poor

9. Do you feel confident in applying the skills learned during the workshop?

a. Yes b. No c. Partially

10. What topics would you like to see covered in future workshops? ___Python___

Signature of the Student

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Workshop Feedback Form
Mobile Application Development
A.Y:2021-22

Participant Information:
1. Name: _Nirmal Kumar_
2. Register No. _20MCA008_
3. Year / Sem: _II / III_
Department: _MCA_

1. How would you rate your overall satisfaction with the workshop?

a. Excellent b. ✓Very Good c. Good d. Fair e. Poor

2. How would you rate the quality of the content covered in the workshop?

✓a. Excellent b. Very Good c. Good d. Fair e. Poor

3. Were the topics covered relevant to your needs?

✓a. Yes b. No c. Partially

4. How useful did you find the hands-on sessions?

a. Very Useful b. ✓Useful c. Somewhat Useful d. Not Useful

5. Was there enough time allocated for hands-on practice?

a. ✓Yes b. No

6. How would you rate the trainers' expertise?

a. Excellent b. ✓Very Good c. Good d. Fair e. Poor

7. How approachable and helpful were the trainers?

✓a. Excellent b. Very Good c. Good d. Fair e. Poor

8. How would you rate the organization of the workshop (venue, schedule, materials)?

a. Excellent b. ✓Very Good c. Good d. Fair e. Poor

9. Do you feel confident in applying the skills learned during the workshop?

✓a.Yes b. No c. Partially

10. What topics would you like to see covered in future workshops? _Machine learning using Python_

Signature of the Student