

### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Date: Date: 27/08/2018

### **Department Of Computer Engineering**

### **Activity Report**

Title	"Web Development Based on PHP"
Date	Starting From 4 <sup>th</sup> Aug. 2018 to 26 <sup>th</sup> Aug. 2018
	Every Saturday Sunday
Duration	32 hours
Name Of Speaker	Mrs.Monika Dhananjay Rokade
Designation	Asst.Prof. in SPCOE,Otur
Objectives	While successfully completing this course, the learner will be able to:
and the second	<ol> <li>→ Do programming using PHP</li> </ol>
	<ol> <li>→ Create simple web applications in one tier,</li> </ol>
Beneficiary	TE & BE Computer Engineering Students
Number Of Participants	15
Course Outcomes	Php Language Basics,
	<ul> <li>Functions,</li> </ul>
	<ul> <li>File Programming bibliographies and indexes</li> </ul>
Assessment of activity	Very useful and helpful
Outcome	
Feedback	Very Good





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2018-19/

Date: 01/08/2018

### **Invitation Letter**

To, Mrs.Monika Dhananjay Rokade SPCOE, Otur

Subject: Invitation to Conduct Workshop on Web Development Based on PHP.

Respected Mam,

The Department of Computer Engineering is pleased to invite you to Conduct workshop on 'Web Development Based on PHP' on 4<sup>th</sup> Aug.2018 to 26<sup>th</sup> Aug.2018. The objective of this session is to convey importance of Web Development. Your experience will definitely helps our students to discover new opportunities in the Foreign university.

We look forward to a positive response from you soon.

Thanking You.

With Regards,

HOD

**Computer Engineering** 

Rajiv Carun L

n halaeering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.ioi@gmail.com

Ref: RGCOE/COMP/2018-19/

Date: 02/08/2018

### **Department of Computer Engineering**

### **Notice**

All the Third Year & Last Year students of the Computer Engineering Department are hereby informed that Workshop on "Web Development Based on PHP" will be on every Saturday & Sunday of The Month of August 2018 - Starting from 4th August 2018 from 10:00 AM onwards. It is compulsory to attend this session

HOD

**Computer Engineering** 

amer,

H.O.D Computer Donariment Rajiv Gandhi Good & Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribal Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Department of Computer Engineering**

### Workshop on Web Development Based on PHP.

### Syllabus cum Day Wise Schedule

Sr. No.	Date	Topic Covered	Topic Duration
1	04/08/2018	Introduction to PHP  PHP features.XAMPP & WAMP.  Installation of XAMPP.  Basic PHP Syntax, Output Statements-print, echo. Adding comments in PHP.PHP Variables and Operators  Declaring Variables.Operators in PHP. Conditional and Looping Statements	4hr
2	05/08/2018	IfStatement Switch For, Foreach, While, do while Functions User defined functions. Function with Default Arguments. Passing Argument by Reference, Value. Variable Scope. Built In functions	4hr
3	11/08/2018	Strings in PHP     String functions in PHP Arrays     Types of arrays in PHP.     Creation of arrays.	4hr
4	12/08/2018	Array functions. File Handling File opening modes. File Open/Read	4hr
5	18/08/2018	Object Oriented Programming  • Classes and objects.  Constructor & Destructor.	4hr
6	19/08/2018	Inheritance .  Polymorphism. phism. OF *  Abstract Class.  Interface.	4hr
7	25/08/2018	PHP Form Handling.  Input Form Creation.  GET and POST Methods.  include () and require ().	4hr
8	26/08/2018	Sessions Starting a PHP Session. Storing and Accessing Session Data. Destroying Session Data.	4hr

**Course Co-orinator** 

Stan College Parties Parties Parties Harris Parties Pa

HOD
Computer Engineering

H.O.D.
Computer Parariment
Rajiv Gandhi Chinga Ganghi Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

Ref. No. RGCOE/COMPUTER/18-19/

DATE: 01/08/2018

### **Department of Computer Engineering**

To

The Principal,

Rajiv Gandhi College of Engineering

Karjule Harya,

Subject: Request to grant the permission to organize one week workshop on "Web Development Based on PHP".

### Respected Sir,

With reference to GE OF ENGINEERING above cited subject, **Third Year & Last Year** Students are need to aware the importance of the **"Web Development Based on PHP"** for the future perspective which will help them in their proper way of the documentation and acquire project related skillsets.

So we need to conduct one week program on "Web Development Based on PHP" on every Saturday & Sunday of The Month of August 2018-Starting from 4th August 2018.

We request you kindly give the permission for the same.

Course Co-ordinator

Condhi College

**Computer Engineering** 

H.O.D. Computer Department Rajiv Gandhi Grazgo of Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975576687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Student Feedback Analysis

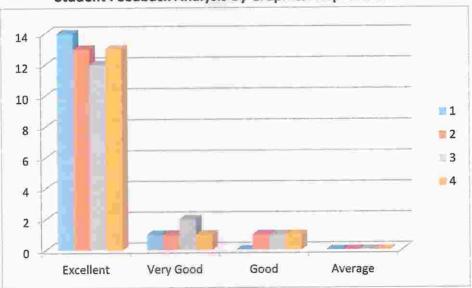
Total No. of Student Present: 15

No. of Student filled Feedback: 15

- 1) Understanding of the session delivered
- 2) Interaction with the student
- 3) Whether workshop was useful to you
- 4) Overall impression

	Excellent	Very Good	Good	Average
1	14	1	0	Nil
2	13	1	1	Nil
3	12	2	1	Nil
4	13	1	1	Nil

### Student Feedback Analysis By Graphical Representation







### **RAJIV GANDHI COLLEGE OF ENGINEERING**

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com



Comments:		
Observation:		
	ă .	
Action Taken:		
	 ***************************************	 

Course Co-orinator



HOD

**Computer Engineering** 

H.O.D Computer Donartment Rajiv Gandhi College of Engineering



### **BAJIV GANDHI COLLEGE OF ENGINEERING**

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Feedback Form**

Respected sir/madam, please give your valuable feedback

Email:- monikarokade4@gmail.com

Name:- Mrs. Monika Dhananjay Rokde

Organization:- SPCOE, Otur

Designation:- Asst.Prof.

Contact No.:-7588031942

Topic of Workshop:- "Web Development Based on PHP".

Sr. No.	Description	Excellent	Very Good	Good	Adequate
1	Audio/video system arrangement				
2	Cooperation from faculty/dept/institute				
3	Content understanding level of students				
4	Interaction of students				
5	Level of questions asked by the students				
6	Overall rating				

s there any additional feedback that you would like to offer?

Name and Sign of Authority





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2018-219/

Date: 26/08/2018

### Letter of Thanks

To,

Mrs. Monika Dhananjay Rokde

Dear Mam,

On behalf of Department of Computer Engineering, Rajiv Gandhi College of Engineering, Karjule Harya we would like to extend our heartiest thanks for accepting our invitation for workshop. Your workshop on "Web Development Based on PHP. will be helpful to our students.

Thank you for your motivation and benefitted valuable guidance. We are expecting similar kind of cooperation in future.

Sincerely,

Gardell College of Col

Computer Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Attendance of Students**

Class: TE & BE

Workshop Topic: "Web Development Based on PHP"

TF

Sr.No.	Name of Student	11	2	3	1_	5	6	7	8
1	BHANAGE RAMDAS SANJAY	DR	(EB)	(RR)	(RB	RB	RB	(2)	PB
2	MAGAR MAHESH SHRIRAM	mater	Meles	Mahan	121ahar	trate	Mahab	Mabet	- Mella
3	POTE MANOJ RAVINDRA	sole	pole	80/0	- pule	-10/0	pole	stog	Pole
4	PUND PRATIK ASHOK	I	0_	P	0_	P	0_	P	2
5	SALVE VAIBHAV MAHENDRA	CR	82	P2	Sh	Pa	82	82	82
6	VARAL DIPALI SHANKAR	D. Ru	Di Des	019	000	Diee	gipa	pies	Piea
7	NAIK LAXMAN SANJAY	HOR	7002	New	Hak	41ail	Mæk	HOR	Hod
BE						-			
1	CHAVAN MANISH MADHUKARRAO	CM	ecia	· db	HOLY	-C12	-clip	CIN	CLID
2	INAMDAR JUBER NASIR	tuber	Tur	July	Tube	Tubel	Tubor	Juda	J4 box
3	KEDAR SWATI BALASAHEB	CZ-	Sk	SK	157-	SE	SK	SK	SZ
4	KOLHE RUSHIKESH ROHIDAS	Kolle	Folk	- \$=   he	Follhe	polh	ka /2c	Kap	KOR
5	NIJAVE UJWALA JALINDAR	()0	Uh	UM.	とす	UM	10 m	VIC	VT
6	PATHAN ARIF AYUB	mit	Hert	Asif	ont	port	DO (	post	Por
7	PATHAN SAJID SALAR	par	Desh	por	O Pose	pethe	pops	Pash	pette
8	SATPUTE PRADIP EKNATH	CD	CD	<10	00	SE	SD	80	SR





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

### **Expert Session Feedback**

Class:	BE			
Name	of Speaker: Mrs. Monika	a Dhananjay Rokade		
Topic:	Web Development Based on P	PHP		
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage
2)	Interaction With the s	tudent. Very Good	ood	erage
3)	Whether workshop w	as useful to you.  Very Good	□jood	erage
4)	Overall impression.  Excellent	Very Good	lood	erage
5)	Any Suggestion			





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

### **Expert Session Feedback**

Class:	TE				
Name o	of Speaker: Mrs. Monika	Dhananjay Rokade			
Topic: 1	Topic: Web Development Based on PHP				
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage	
2)	Interaction With the s	tudent. Very Good	ood	erage	
3)	Whether workshop w	as useful to you. ☐∀ery Good	ood	erage	
4)	Overall impression.  Excellent	☐ <del>V</del> ery Good	ood	erage	
5)	Any Suggestion				





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	D.E			
Name	<b>of Speaker:</b> Mrs. Monika	a Dhananjay Rokade		
Topic:	Web Development Based on P	HP		
1)	Understanding of the Excellent	session delivered.  Very Good	lood	erage
2)	Interaction With the s	tudent. Very Good	ood	erage
3)	Whether workshop w	as useful to you.  Very Good	ood	erage
4)	Overall impression.  Excellent	☐Very Good	ood	erage
5)	Any Suggestion			





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	TE			
Name	of Speaker: Mrs. Monik	a Dhananjay Rokade		
Topic:	Web Development Based on I	PHP		
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage
2)	Interaction With the s	tudent. Very Good	ood	erage
3)	Whether workshop w	as useful to you.  UVery Good	ood	erage
4)	Overall impression.  Excellent	☐ <del>V</del> ery Good	lood	erage
5)	Any Suggestion			





## Rajiv Gandhi College of Engineering, Karjule Harya,

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

**@@@@@@@@@@@** 

### Dentificati

This is to certify that Mr. / Ms. SALVE VAIBHAV MAHENDRA

nas

participated in Web Development Based On PHP which is organized by Department of

Computer Engineering Dated 04 Aug. 2023 To 26 Aug. 2023

IQAC In-charge
Raju Gandhi College of Engineering
Karjule Harya, Tal. Pomer
Dist. Ahmednagar-414304

Ganding College Or Tal. Pamer, College Or Tal

PRINCIPAL

Rajly Gandhi College of Engineering Kadwe Harys, Tal. Pamer, Dist. A Nagar



## Rajiv Gandhi College of Engineering, Karjule Harya,

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

This is to certify that Mr. / Ms. PUND PRATIK ASHOK has participated in

Engineering Dated 04 Aug. 2023 To 26 Aug. 2023

Web Development Based On PHP which is organized by Department of Computer

Rajn Gandhi College of Engineering But, Anniednager-414304 Karjule Horya, Tal. Pamer IQAC In-charge

Gallon College or Tal. Pamy Sine Harve

PRINCIPAL

Karjule Harya, Tal. Pamer, Dist. A. Nogar Rajly Gandhi College of Engineering



# Rajiv Gandhi College of Engineering, Karjule Harya, Tal.-Parner, Dist.-Ahmednagar, Pin:414304 Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

### Certificate

This is to certify that Mr. / Ms. BHANAGE RAMDAS SANJAY has participated

Engineering Dated 04 Aug. 2023 To 26 Aug. 2023

in Web Development Based On PHP which is organized by Department of Computer

Raph Carreto College of Engineering Dist Ahmedhagar-414304 Karjule harpa, Tall Parmer IQAC In-charge



<u>|</u>

PRINCIPAL

Karjule Harya, Tal. Pamer, Dist A Nagar Rajiv Gandhi College of Engineering



## Rajiv Gandhi College of Engineering, Karjule Harya,

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

This is to certify that Mr. / Ms. MAGAR MAHESH SHRIRAM has participated

Engineering Dated 04 Aug. 2023 To 26 Aug. 2023

in Web Development Based On PHP which is organized by Department of Computer

Rajiv Gandhi College of Engineering Dist Ahmedinagar-414304 Karjule harya, Tal. Parner IQAC In-charge



<u>୭</u> | |

PRINCIPAL

Karjule Harya, Tal. Pamer, Dist A Negar Rajly Gandhi College of Engineering



## Rajiv Gandhi College of Engineering, Karjule Harya,

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

### amoning.

This is to certify that Mr. / Ms. POTE MANOJ RAVINDRA has participated in

Web Development Based On PHP which is organized by Department of Computer

Engineering Dated 04 Aug. 2023 To 26 Aug. 2023

IQAC In-charge
Rayy Gandri College of Engineering
Kanyule Harya, Tal Partier
Dist. Ahmednagar-414304

Garage College of the College of the

PRINCIPAL PRINCIPAL

Rajly Gandhi College of Engineering Karjule Harys, Tal. Pamer, Dist. A. Nagar



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Date:21/02/2020

### **Department Of Computer Engineering**

### **Activity Report**

Title	"Android App Development"
Duration	30 hours
Name Of Speaker	Mr.P.N.Mahalle
Designation	BOS Chairman Computer Engineering,
	HOD Computer Engg SKNCOE,Pune
Workshop coordinator	Prof Rahinj P.L.
Beneficiary	SE Computer Engineering Students
Number Of Participants	19
Course Outcomes	Two day Workshop on "Android Development" for Second year
	Computer Engineering students was organized by the Department of
	Computer Engineering on February 15 to 20, 2020. There were 19
	participants, who attended the session. The expert was invited from
	SKNCOE,Pune.
	Outcomes from Workshop-
	-Getting Practical knowledge for android app development.
	-Insights about Android development Technology.
	-Create Impressive apps for business.
	-Create user interface for Androd app.
	-Build application using Android platform.



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi iot@gmail.com

Ref: RGCOE/COMP/2019-20/ Date: 10/02/2020

Invitation Letter

To,

Mr. P. N. Mahalle BOS Chairman Computer Engineering, HOD Computer Engg SKNCOE, Pune

Subject: Invitation to Conduct Workshop on Android App Development.

Respected sir,

The Department of Computer Engineering and E&TC Engineering is pleased to invite you to Conduct workshop on Industrial Robotics and Artificial Intelligence 'on 15th Feb2020 to 20th Feb 2020. The objective of this session is for how to develop Android App. Your experience will definitely helps our students to discover new opportunities in the Foreign university.

We look forword to a positive response from you soon.

Thanking You.

With Regards,

HOD

**Computer Engineering** 

Computer Discardment
Rajiv Gandhi Computer Discardment



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2019-20/

Date: 13/02/2020

### **Department of Computer Engineering**

### Notice

All the Second year Computer Engineering Students are hereby informed that the Workshop is organized on 'Android App Development' having an Expert Mr. P. N. Mahalle from SNKPU, Pune. will be conducted 15th Feb 2020 to 20th Feb 2020 by our college. The session shall be conducted in Digital class room hence all Second year students are informed to attend the same.

HOD

**Computer Engineering** 

And the state of t

H.O.D Computer Dopartment Raijv Gandhi Odin of Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Department of Computer Engineering**

### Workshop on 'Android App Development'

### Syllabus

- 1. Introduction to Android studio, SDK and emulator.
- 2. Basic Android Project Essential files in a basic android project, introduction to Manifest, source and resource files.
- 3. Activity and life cycle Introduction to activity and its life cycle.
- 4. Layouts and controls Designing user interface with various layouts and built-in controls.
- 5. Linking activities Launching application activities and passing data between activities. Invoking built-in apps
- 6. Data Persistence Storing data to internal storage, external storage and SQLite database.
- 7. List View and Adapters Implementing List View with built-in adapters and custom adaptors.
- 8. Broadcasting and Services Sending and receiving broadcast messages.
- 9. Implementing background services.

Course Co-orinator

Canani College

**Computer Engineering** 

H.O.D Computer Parartment Rajiv Gandhi Colley Dur Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Department of Computer Engineering**

### Workshop on Android App Development

Sr. No.	Date	Topic Covered	Topic Duration
1	15-02-2020	Introduction to Android studio, SDK and emulator.	5hr
2	16-02-2020	<ol> <li>Basic Android Project Essential files in a basic android project, introduction to Manifest, source and resource files.</li> </ol>	5hr
3	17-02-2020	<ol> <li>Activity and life cycle Introduction to activity and its life cycle.</li> <li>Layouts and controls Designing user interface with various layouts and built-in controls.</li> </ol>	5hr
4	18-02-2020	<ol> <li>Linking activities Launching application activities and passing data between activities. Invoking built-in apps</li> </ol>	5hr
.5	19-02-2020	<ol> <li>Data Persistence Storing data to internal storage, external storage and SQLite database.</li> <li>List View and Adapters Implementing List View with built-in adapters and custom adaptors.</li> </ol>	Shr
6	20-02-2020	Broadcasting and Services Sending and receiving broadcast messages.     Implementing background services.	5hr

Course Co-orinator

Gandhi A

**Computer Engineering** 

HOD

H.O.D Computer Docartment Rajiv Gandhi College or Engineering



### **RAJIV GANDHI COLLEGE OF ENGINEERING**

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Student Feedback Analysis

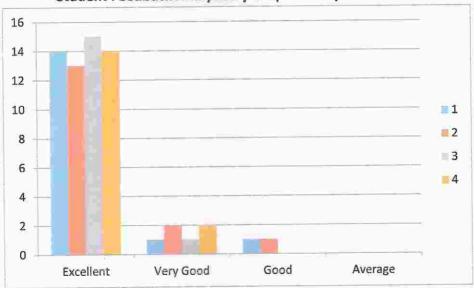
Total No. of Student Present: 16

No. of Student filled Feedback: 16

- 1) Understanding of the session delivered
- 2) Interaction with the student
- 3) Whether workshop was useful to you
- 4) Overall impression

	Excellent	Very Good	Good	Average
1	14	1	1	Nil
2	13	2	1	Nil
3	15	1	0	Nil
4	14	2	0	Nil

### Student Feedback Analysis By Graphical Representation





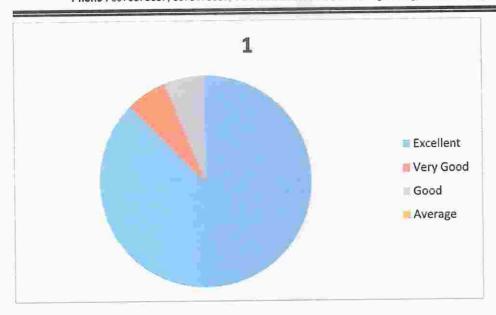


### BAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com



Comments:				
		*************	 	 
Observation:				
			 	 75 -
- 1		~		
Action Taken:				
	University of the second of th		 	 

Course Co-orinator



**Computer Engineering** 

HOD

H.O.D Computer Dopariment Rajiv Gandhi College or Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Expert Feedback Form

Respected sir/madam, please give your valuable feedback

Name:- Mr.P.N.Mahalle

Organization:-SNKPU,Pune

Designation:- BOS Chairman Computer Engineering, HOD Computer Engg SKNCOE, Pune

Topic of Workshop:- Android App Development

Sr. No.	Description	Excellent	Very Good	Good	Adequate
1	Audio/video system arrangement				
2	Cooperation from faculty/dept/institute				
3	Content understanding level of students				
4	Interaction of students				
5	Level of questions asked by the students				
6	Overall rating				

Is there any additional feedback that you would like to offer?

Name and Sign of Authority





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcce.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2019-20/

Date: 20/02/2020

Letter of Thanks

To,

Mr.P.N.Mahalle

Dear Sir,

On behalf of Department of Computer Engineering, Rajiv Gandhi College of Engineering, Karjule Harya we would like to extend our heartiest thanks for accepting our invitation for workshop. Your workshop on 'Android App Development' will be helpful to our students.

Thank you for your motivation and benefitted valuable guidance. We are expecting similar kind of cooperation in future.

Sincerely,

omput

**Computer Engineering** 

HOD

Computer Department
Rajiv Gandhi College of Engineering





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

### Attendance of Students

Class: SE

Workshop Topic: Android App Development

Sr.No.	Name of Student	Day1	Day2	Day3	Day4	Day5	Day6
1	AVHAD DATTATRAY BALASAHEB	Allect	Meel	Albel	Bhad	Bheld	Ahou
2	BHADANE PRANAV SANJAY	PB	(PB)	(PB)	(PD)	PB	PB
± 3	BHAMRE CHETAN PRAVIN	Chelas	chelop	-chetan	chele	chafe	chifa
. 4	DENGALE AKSHAY PARASHRAM	Atshos	AKTOT	Alsh	AFM	Alsh	Alsha
5	INAMKE SHUBHAM RAJENDRA	Shubrup 1	Shepter	Shepry	Shipe	shabha	Shib
6	JADHAV KAJAL SAHEBRAO	RT.	KA	(KI)	(FI)	OFT	KI
7	KAMBLE KAJAL BHALCHANDRA	KaTay	faral	Karal	Kara	karal	Kara
8	MAHALE AKSHAY SUBHASH	Aksha	Alshoy	Athy	Althy	Atshy	Play
1 1 9 1 1 t	MARATHE ABHIJIT BALASAHEB	A	(A)	(A)	(A)	0	(A)
1	MHASKE ANKITA ANNASAHEB	ATA	DN.	AM	AN	AY	AM
0	MOTE PRAMOD LAHU	Acyned	Pocumael	proma	promo	proposal	proprie
11	PATIL PRATIKSHA DATTATRAY	partip	Paril D	Patrip	patelp	Putip	Patilo
12	SAKSHI MANGESH PAWAR	(author)	sakshop	SOKSAip	sakshy	Salsty.	Salshil
13	SALUNKE SUJATA SUBHASH	Roady	surceta	surate	State	Rojet	Surreta
14	THUBE ARTI TUKARAM	Profe	Bri	Asti	prti	Moti	Arti
15	TUPE TUSHAR TUKARAM	Tasheut	Tushort	Turbert	Turnet	Tusher	Tusper
16	AVHAD DATTATRAY BALASAHEB	OP	DA	DA	DA	DA	DA.





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

### **Expert Session Feedback**

Class: 5E								
Name o	Name of Speaker:							
Topic:	Android App Developme	<u>nt</u>						
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage				
2)	Interaction With the s	tudent. Very Good	ood	erage				
3)	Whether workshop w  Excellent	as useful to you.  Very Good	Good	erage				
4)	Overall impression.  Excellent	☐ Very Good	ood	erage				
5)	Any Suggestion			<u> </u>				





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class: SE									
Name	Name of Speaker:								
Topic:	Topic: Android App Development								
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage					
2)	Interaction With the s	tudent. Very Good	₩ood	erage					
3)	Whether workshop w  Excellent	as useful to you.	ood	erage					
4)	Overall impression.  Excellent	☐Very Good	□ood	erage					
5)	Any Suggestion	_							



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi iot@gmail.com

### **Expert Session Feedback**

Class:	SE								
Name	Name of Speaker:								
Topic:	Android App Developme	<u>nt</u>							
1)	Understanding of the Excellent	session delivered.  Very Good	lood	erage					
2)	Interaction With the s	tudent. Very Good	ood	erage					
3)	Whether workshop was	as useful to you.  Very Good	ood	erage					
4)	Overall impression.  Excellent	Very Good	ood	erage					
5)	Any Suggestion								





Estd. 2012

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304. Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:								
Name	Name of Speaker: SE							
Topic:	Android App Developme	<u>nt</u>						
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage				
2)	Interaction With the s	tudent. Very Good	ood	erage				
3)	Whether workshop w Excellent	as useful to you.  Very Good	ood	erage				
4)	Overall impression.  Excellent	₩ery Good	ood	erage				
5)	Any Suggestion							





## Rajiv Gandhi College of Engineering, Karjule Harya,

ල ම ම

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

000000000000000

This is to certify that Mr. / Ms. JADHAV KAJAL SAHEBRAO has participated in

Android App Development which is organized by Department of Computer Engineering

Dated 15 Feb. 2020 To 20 Feb. 2020.

Rajir Gardti, College of Engineering ) in Anniedhagan 414304 Kar Je Hava, Tai Pamer IQAC In-charge



Rajly Gandhi College of Engineer Karjule Harya, Tal. Pamer, Dist. A Naga PRINCIPAL Yerry,



## Rajiv Gandhi College of Engineering, Karjule Harya,

Tal.-Parner, Dist.-Ahmednagar, Pin:414304

@@@@@@@@@@

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

participated in Android App Development which is organized by Department of

This

5

to certify that Mr. / Ms. DENGALE

AKSHAY PARASHRAM

has

Computer Engineering Dated 15 Feb. 2020 To 20 Feb. 2020.

Raj., Gandti, College of Engineering ) ut 4-- ednagar-414304 karuéntija Tai Politer IQAC In-charge

Rajiv College of Tal. Pam

Karjule Harya, Tai. Parrier, Dist. A Naga Rajly Gandhi College of Engineers PRINCIPAL Jain,



# Rajiv Gandhi College of Engineering, Karjule Harya, Tal.-Parmer, Dist.-Ahmednagar, Pin:414304 Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

This is to certify that Mr. / Ms. INAMKE SHUBHAM RAJENDRA has participated

E

Android App Development which is organized by Department

0

Computer

Engineering Dated 15 Feb. 2020 To 20 Feb. 2020.

Re, . Gend: . College of Engineering Dist Anniedhagar-414304 Kerwemaria, Tai Poiner IQAC in-charge



Karjule Marya, Tal. Pamer, Dist. A Nagal Rajly Gandhi College of Englneenn? PRINCIPAL Juins,



# Rajiv Gandhi College of Engineering, Karjule Harya, Email id: rajivgandhi.iot@gmail.com www.rgcoe.org Companyion of the control of the con

This is to certify that Mr. / Ms. BHADANE PRANAY SANJAY has participated in

Android App Development which is organized by Department of Computer Engineering

Dated 15 Feb. 2020 To 20 Feb. 2020

Ganda College of Engineering har Le Halva, Tai Poiner IQAC In-charge

5 pt 4~ ednagar 414304



Karjute Harya, Tal. Parmer, Dist. A Nasa Rajly Gandhi College of Englneen ! PRINCIPAL Leever,



Rajiv Gandhi College of Engineering, Karjule Harya,

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

Candhi College of Engineering, Karjule Harya,

www.rgcoe.org This is to certify that Mr. / Ms. BHAMRE CHETAN PRAVIN has participated in

Android App Development which is organized by Department of Computer Engineering

Dated 15 Feb. 2020 To 20 Feb. 2020



Raj .. Garoti College of Engineering

IQAC In-charge

Dist Anniedhagar-414304 har Lemand, Tai Pomer

Karjale Harya, Tal. Pamer, Dist. A Naga Rajiv Gandhi College of Engineer PRINCIPAL Yearn,



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Estd. 2012

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304. Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Function Sample Photos-**

-14 February 2020

Last Party of Age or other

### Registration Form Expert Person Two Days Workshop on BOS Chairman Computer Engineers HOS Computer End SCHICE Pure "Android App Development" Designation) Dipot 15th to 20th February 2020 hal thought but Organization/Company\_ Vice-Principal Ray, Carabi Cathige of Inches of Charles Patron Registration Fees Hon Mrs. Mirutal Aber Address: Provident Matterly Shart-hook Profitching And Bs.500/-Student Patrons" Rs. 750/ Faculty / Research Scholar the sec Digala Share Him Still Burnston Lines Deal Countries MSS Alor Transaction MSS Alor Rs.1009/-Indiritry Person Account Details Survey Mill Ave Property Softs A manufactor August Dec (199) Surrey Milit And Baja Sandhi Cillian St. Later Wirefulsop Committee of Engineering 32485462579 Fruit Elizapahele E. Shinda All No SERVOOUTIEC Tatuli Dhokeshwar Bank \_\_\_\_ Vice Principal, INSCIDE Print Co-ordinates : Stire Sink of holiz to core of value payment, the participant acods to cond prime payment recent of payment with UTA/TeV contention. Stock Computer District Need, E.S.TE Free Applicants Signature Strength Strength Strength HOC/To marel Organisms Committee The Control And First Co. All II Vindal Heat Me Talker Cure Contact for Registration read Desident & Codedon House Milesy For any quary regarding this workshops placing from the Colombiant No YA DA will be sound if for an indicate the And description of the last of policy by Prince Mr Sentesick Femor Office backword of Ten. Download and Loroth are included in the Prof. Science & Shinder - Prof. Edward, Worlds As well by provided by page at die militä Sie di minika CONTRACT SALE Print pulse by Barrier STATE STATE OF THE PARTY NAMED IN have the transport only distance are are faller ried speak New AL PROPERTY AND 11553323 YOR THURSDAY Total Notices Not Named & Bullet Treal States of Manager ..... that governing or or Polit Prompt Printer





Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Estd 2012

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304. Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### About the Institute

Material Statement Provide the Archive was established in the year 1010 under the dynamic lastering of President Mits Meeta Leanut Alter e Merchan at Element, Competer and Element in the control of the property of the control of the



Institute is located on the Alli Refront Highway (Not St) and is also if 45 km.

Also dispar Railway Statem It is also well connected to Pune No his highway and distance. connecting to Pupe the bit Highway and district from the best start of the conference and best start from three Additionarysk from the pupe to the control of the control o IST LESS

### About the Workshop

Spannared by



Savitified Phula Puna University, Pune



Rolly Goodhi College of Englanding. Karjule Harya

Pune Rarjulo Harya

Woodship on Tandroid Application

Development and to impact technical and
post of an individual of the part technical and
And of the development of the part of the control
And of the development of the control
And of the control
And the control
And

- Getting Proclust to call der for android app development
- development to give about Android development to give about Android development to technique to Create over mention for Android erp

- p. Tay I at my mg Andry of states on

### Eligibility for Workshop

All the MS Grad stee and Post Grad the Statements and for writing of all branchest of English and between Professionals are edgeler for this age of the C



### "Android App Development"

15th to 20th February 2020





Rajiv Gandhi College of Engineering Mob. No. +91 8975578687





Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com







### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tai.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com







### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner. Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Date:29/08/2021

### **Department Of Computer Engineering**

### **Activity Report**

Title	Data Analytics				
Duration	32 hours				
Name Of Speaker	Mr.Vishal Manikrao Meshram				
Designation	Employee In Tech Mahindra				
Objectives	In world increasingly becoming reliant on information and gather stastistics , data analytics help organization make sure of their data				
Beneficiary	TE & BE Computer Engineering Students				
Number Of Participants	40				
Course Outcomes	<ol> <li>Hand and practical session on R</li> <li>After this activity students will be able to understand data analytics</li> <li>Better job opportunities</li> </ol>				





Estd. 2012

### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2021-22/

Date: 05/08/2021

### Invitation Letter

To, Mr. Vishal Manikrao Meshram Tech Mahindra, Pune,

Subject: Invitation to Conduct a Workshop on "Data Analytics".

Respected sir,

The Department of Computer Engineering is pleased to invite you to Conduct workshop on "Data Analytics ' 07 august 2021 every Saturday and Sunday of month. The main objective of the work shop is to implant importance and necessity of "Data Analytics" in all aspects.

We have arranged the workshop on 07 august 2021 every Saturday & Sunday of month, 4 Hrs at time 11:00 AM using zoom /Google meeting . We have expecting an audience of approximately 40 students and faculty from the computer and other department .

We request to you kindly accepts the invitation

Thanking You.

With Regards

HOD

**Computer Engineering** 

Computer Department
Rajiv Gandhi College or Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iof@gmail.com

Ref: RGCOE/COMP/2021-22/

Date: 06/08/2021

### **Department of Computer Engineering**

### Notice

All the Third year & Last year Computer Engineering students are hereby informed that online Workshop on "Data Analytics" on starting form 07 th August 2021 every Saturday & Sunday of month, 4 Hrs at time 11:00 AM using zoom /Google meeting. It is compulsory to attend this session.

HOD

**Computer Engineering** 

H.O.D.
Computer Department
Rajiv Gandhi College of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Department of Computer Engineering**

### Workshop on Data Analytics

Syllabus and Time table

Day	Date	Content	Industrial Hours
1	07-08-2021	Installing Packages	
		<ul> <li>Finding resources</li> </ul>	04 Hrs
		Instaling resources	
2	08-08-2021	Data Structures , Variables	
		<ul> <li>Variables and assignment</li> </ul>	
	1	Data types	
		<ul> <li>Indexing ,subsetting</li> </ul>	04 Hrs
		<ul> <li>View data and summaries</li> </ul>	
		<ul> <li>Naming conventions</li> </ul>	
		Objects	
3	14-08-2021	Getting data into the R environment	
		Built –in data	04 Hrs
		<ul> <li>Reading data from structured text files</li> </ul>	
	<u> </u>	<ul> <li>Reading data using ODBC</li> </ul>	
4	15-08-2021	Control Flow	
		Truth testing	
		Branching	04 Hrs
		<ul> <li>Looping</li> </ul>	
		Vectorized Calculations	
5	21-08-2021	Functions in Depth	
		Parametrs	
		Return values	04 Hrs
		Variable scopes	
		<ul> <li>Exception handling</li> </ul>	
6	22-08-2021	Handling Dates in R	
		<ul> <li>Date and date – time classes in R</li> </ul>	04 Hrs
		<ul> <li>Formating dates for modeling</li> </ul>	
		Descriptive stastistics	
		Continuous data	
		Categorical data	
7	28-08-2021	Inferential stastictics	VZCA WATE
		Bivariate correlation	04 Hrs
		T- test and non parametric equivalents	
8	29-08-2021	Inferentional stastistics	1200120
		Chi-squared test	04 Hrs
		Distribution testing	
		<ul> <li>Power testing</li> </ul>	
		Group by calculation	
		<ul> <li>Split apply combine strategy</li> </ul>	

Course Co-orinator

Total College

HOD Computer Engineering

H.O.D. Computer Department Rajiv Gandhi College of Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2021-22/ Date: 29/08/2021

Letter of Thanks

To,

Mr. Vishal Manikrao Meshram

Dear Sir,

On behalf of Department of Computer Engineering, Rajiv Gandhi College of Engineering, Karjule Harya we would like to extend our heartiest thanks for accepting our invitation for workshop. Your workshop on" Data Analytics" will be helpful to our students.

Thank you for your motivation and benefitted valuable guidance. We are expecting similar kind of cooperation in future.

Sincerely,

HOD

**Computer Engineering** 

H.O.D. Computer Department Rajiv Gandhi College of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Student Feedback Analysis

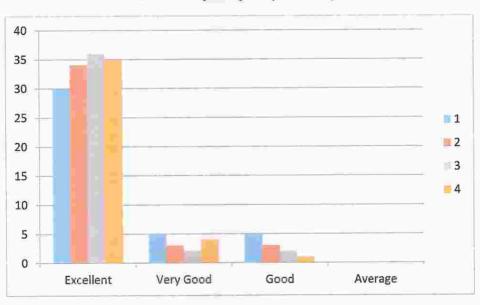
Total No. of Student Present: 40

No. of Student filled Feedback: 40

- 1) Understanding of the session delivered
- 2) Interaction with the student
- 3) Whether workshop was useful to you
- 4) Overall impression

	Excellent	Very Good	Good	Average
1	30	5	5	Nil
2	34	3	3	Nil
3	36	2	2	Nil
4	35	4	1	Nil

### Student Feedback Analysis By Graphical Representation



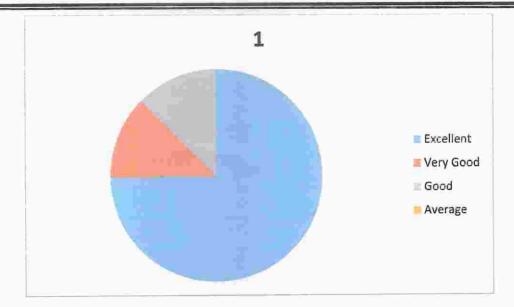




Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com



Comments:		
Observation:		
	0) (4 to 10 to	
Action Taken:		

Course Co-orinator



HOD

**Computer Engineering** 

H.O.D Computer Department Rajiv Gandhi College or Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Feedback Form**

Respected sir/madam, please give your valuable feedback

Email:- vishalmmeshram19@gmail.com

Name:- Mr. Vishal Manikrao Meshram

Organization:- Tech Mahindra

Designation:- Employee

Contact No.:- 8605958930

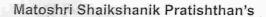
Topic of Workshop:- " Data Analytics "

Sr. No.	Description	Excellent	Very Good	Good	Adequate
1	Audio/video system arrangement				
2	Cooperation from faculty/dept/institute				
3	Content understanding level of students				
4	Interaction of students				
5	Level of questions asked by the students				
6	Overall rating				

Is there any additional feedback that you would like to offer?

Gandli Color

Name and Sign of Authority





Estd 2012

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokale Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Rin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org/email:rajivgandhi.iol@gmail.com

### Attendance of Students

Class: TE&BE

1.311

. . . 1 :

Workshop Topic: "Data Analytics"

Sr.No.	Name of Student	Day							
	Military III - AT -	1	2	3	4	5	6	7	8
ne 🗓 i	CHAVAN RITESH ASHOK	P	p	P	P	P	P	P	P
2	CHINTEWAR SONALI BALAJI	P	P	P	P	P	p	ρ	P
3 : 15	DHONGE SANDESH RAJARAM	P	P	P	P	P	P	P	P
4 . 51	GADKAR KOMAL VIJAY	P	P	P	P	P	P	P	P
, i 25 , . ·	GHOLAP VAIBHAV YADAV	12	P	P	P	P		P	P
1-161 5 L	KADU ROHAN KISHOR	p	P	P	P	P	P	P	P
1 7	KALE DHANANJAY PARSHURAM	P	P	P	P	P	P	P	P
8	KANAWADE HARSHAL RAJHANS	P	P	P	P	P	ρ	P	P
9	KARANDE AKSHAY TUKARAM	P	P	P	P	P	P	P	P
1	KOLPE RAMDAS DADASAHEB	P	p	P	P	P	P	P	D
, 0	LONARI AARTI RAJENDRA	P	P	P	P	P	P	P	P
11.	MATKAR SANTOSH SITARAM	P	P	ρ	ρ	P	P	P	P
12	MHASKE HRISHIKESH DIPAK	P	P	P	P	P	P	P	P
13	MULEKAR NIKESH RAMESH	ρ	P	P	P	P	P	P	P
14	NAKIL SAIYUKTA GAJENDRA	P	P	p	p	p	P	P	P
15	NARLAWAR YOGESH CHANDRAKANT	P	P	P	P	P	P	P	P
16	CHAVAN RITESH ASHOK	ρ	P	p	P	P	P	P	P
17	CHINTEWAR SONALI BALAJI	P	P	p	P	0	P	P	P
18-	DHONGE SANDESH RAJARAM	P	P	P	P	P	ρ	P	P
19	GADKAR KOMAL VIJAY	P	P	P	ρ	P	P	P	P
20	GHOLAP VAIBHAV YADAV	P	P	P	·P	P	P	P	P
21:	RINGE AKSHATA SHIVAJI	P	P	P	P	P	P	P	P
22	SAINDANSHIV PRAVIN ASHOK	P	p	P	P	P	P	P	P
23	AHER SHRENIK ANKUSH	P	P	P	P	ρ	0	P	P
2,4	AVHAD DATTATRAY BALASAHEB	P	P	P	P	P	P	P	P
- 25	BHADANE PRANAV SANJAY	P	P	P	P	P	P	P	P
26	BHAMRE CHETAN PRAVIN.	P	P	P	P	p	P	D	p
27	DENGALE AKSHAY PARASHRAM	P	P	P	P	P	P	P	P
28	INAMKE SHUBHAM RAJENDRA	ρ	P	P	р	p.	b	P	P
29	JADHAV KAJAL SAHEBRAO	P	P	P	P	P	P	P	P
. 30	KAMBLE KAJAL BHALCHANDRA	p	P	p	ρ	0	p	P	P
31	MAHALE AKSHAY SUBHASH	P	P	P	P	b	P	0	P
32	MARATHE ABHIJIT BALASAHEB	P	P	P	P	P	P	6	P
33	MHASKE ANKITA ANNASAHEB	P	P	P	P	P	0	P	P
34	MOTE PRAMOD LAHU	P	P	P	P	P	P	P	P



### RAJIV GANDHI COLLEGE OF ENGINEERING

Estd 2012

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.jol@gmail.com

A grace significant of the best fugically.

at the safe safe same of the

35	PATIL PRATIKSHA DATTATRAY	P	P	P	P	P	P	P	P
36	POTE MANOJ RAVIDRA	P	P	P	P	P	P	P	P
37	SAKSHI MANGESH PAWAR	P	P	P	P	P	P	P	·P
38	SALUNKE SUJATA SUBHASH	P	P	P	P	P	P	P	P
39	THUBE ARTI TUKARAM	P	P	0	P	P	P	P	P
40	TUPE TUSHAR TUKARAM	P	P	P	P	P	P	P	P

the of the land of the safe



, jil



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	TE and BE							
Name o	Name of Speaker: Mr. Vishal Manikrao Meshram							
Topic:	Data Analytics							
1)	Understanding of the s	session delivered.  Very Good	ood	erage				
2)	Interaction With the st	tudent. ☑∀ery Good	ood	erage				
3)	Whether workshop was	as useful to you.  Very Good	ood	erage				
4)	Overall impression.  Excellent	☑ Very Good	ood	erage				
5)	Any Suggestion							

Candill C



C

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai. Estd. 2012 Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal. Parner, Dist. Ahmednagar, Pin-414304. Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	BE							
Name	Name of Speaker: Mr. Vishal Manikrao Meshram							
Topic:	Data Analytics							
1)	Understanding of the Excellent	session delivered.  Very Good	lood	erage				
2)	Interaction With the s	student. 	ood	erage				
3)	Whether workshop w	vas useful to you.	ood	erage				
4)	Overall impression.  Excellent	☐¥ery Good	ood	erage				
5)	Any Suggestion							





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class: TE									
Name o	Name of Speaker: Mr. Vishal Manikrao Meshram								
Topic:	Data Analytics								
1)	Understanding of the	session delivered.  Very Good	ood	erage					
2)	Interaction With the s	tudent. Very Good	ood	erage					
3)	Whether workshop w	as useful to you.  Very Good	ood	erage					
4)	Overall impression.  Excellent	Nery Good	ood	erage					
5)	Any Suggestion								



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	B.E								
Name (	Name of Speaker: Mr. Vishal Manikrao Meshram								
Topic:	Data Analytics								
1)	Understanding of the Excellent	session delivered.  Very Good	ood	erage					
2)	Interaction With the s	tudent. Very Good	ood	erage					
3)	Whether workshop w Excellent	as useful to you.  Very Good	□ood	erage					
4)	Overall impression.  Excellent	☐Very Good	Good	erage					
5)	Any Suggestion								





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Pamer, Dist Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class: & T.E							
Name o	Name of Speaker: Mr. Vishal Manikrao Meshram						
Topic: [	Topic: Data Analytics						
1)	Understanding of the	session delivered.  Very Good	ood	erage			
2)	Interaction With the s	tudent.	ood	erage			
3)	Whether workshop wa	as useful to you. 口Very Good	ood	erage			
4)	Overall impression.  Excellent	Very Good	ood	erage			
5)	Any Suggestion						



## Rajiv Gandhi College of Engineering, Karjule Harya, Tal.-Parner, Dist.-Ahmednagar, Pin:414304 Email id: rajivgandhi.iot@gmail.com www.rgcoe.org Dentificants

This is to certify that Mr. / Ms. GADKAR KOMAL VIJAY has participated

in Data Analytics which is organized by Department of Computer Engineering Dated

Aug. 2021 To 29 Aug.2021

Rajn Ganoni College of Engineering Dist Ahmednagar-414304 Karjure Harya, Tal Parner IQAC In-charge

College On Tal. Pam

Phile Harte

PRINCIPAL

Karjule Harys, Tal. Pamer, Dist A' Nagar Rajly Gandhi College of Engineering



# Rajiv Gandhi College of Engineering, Karjule Harya, Email id: rajivgandhi.iot@gmail.com www.rgcoe.org Centificate

This is to certify that Mr. / Ms. GHOLAP VAIBHAV YADAV has

Engineering Dated 7 Aug. 2021 To 29 Aug. 2021

participated in Data Analytics which is organized by Department of Computer

Rayle Garrent College of Engineering Dist Ahmedhagar 414304 Karpue Harya, Tal. Parner IQAC In-charge



PRINCIPAL

Karjule Marya, Tal. Parney, Dist. A. Nelgal Rajly Gandhi College of Engineering



Tal.-Parner, Dist.-Ahmednagar, Pin:414304 Email id: rajivgandhi.iot@gmail.com

**@@@@@@@@@@@** 

www.rgcoe.org

This is to certify that Mr. / Ms. CHAVAN RITESH ASHOK has

Engineering Dated 7 Aug. 2021 To 29 Aug. 2021

participated in Data Analytics which is organized by Department of Computer

Raph Gordon College of Engineering Dist Anniednagar-414304 Karjule Harga, Tot. Parrier IQAC In-charge

Rajiv Ganon Ahmednagar "Jule Harve

PRINCIPAL

Karjule Harya, Tal. Pamer, Dist A Nagar Rajly Gandhi College of Engineering



# Rajiv Gandhi College of Engineering, Karjule Harya, Email id: rajivgandhi.iot@gmail.com www.rgcoe.org Cartillatte

This is to certify that Mr. / Ms. CHINTEWAR SONALI BALAJI has

Engineering Dated 7 Aug. 2021 To 29 Aug. 2021

participated in Data Analytics which is organized by Department of Computer

Rain Gandhi College of Engineering Dist. Anniednagur-414304 Karjule Harya, Tal. Parner IQAC In-charge



PRINCIPAL

Karjule Harya, Tal. Permer, Dist. A. Neiga: Rajiv Gandhi College of Engineering



Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com www.rgcoe.org

This is to certify that Mr. / Ms. DHONGE SANDESH RAJARAM has

Engineering Dated 7 Aug. 2021 To 29 Aug. 2021

participated in Data Analytics which is organized by Department of Computer

Raph Ganghi College of Engineering Dist Ahmednagar-414304 Karjule Horya, Tal. Pomer IQAC in-charge



PRINCIPAL

Karjule Harya, Tal. Pamer, Dist. A Nagar Rajly Gandhi College of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Estd. 2012 Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304. Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Photos of Workshop-





Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Date:09/01/2023

### **Department Of Computer Engineering**

### **Activity Report**

Title	"Industrial Robotics and Artificial Intelligence"				
Duration	31 hours				
Name Of Speaker	Mr. Vaibhav Mhaskar				
Designation	Manager				
Objectives	The functional areas of Al systems,				
	planning,				
	robotics,				
	machine learning concepts,				
	deep learning concepts,				
	neural networks.				
Beneficiary	BE Computer Engineering Students				
Number Of Participants	30				
Course Outcomes	<ol> <li>The functional areas of AI systems such as planning, robotics, machine learning concepts, deep learning concepts and neural networks are discussed.</li> </ol>				
	<ol><li>The essential concepts for a fundamental programming language such as Thinking, acting, and optimal and human processes are explained.</li></ol>				
	<ol> <li>Robo studio software discussed for creating the model and modifying the process during the manufacturing stages.</li> </ol>				





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2022-23/ Date: 28/12/2022

### Invitation Letter

To.

Mr. Mr. Vaibhav Mhaskar

Synechron Technologies Pvt.Ltd.

Subject: Invitation to Conduct Workshop on Industrial Robotics and Artificial Intelligence.

Respected sir,

The Department of Computer Engineering is pleased to invite you to Conduct workshop on Industrial Robotics and Artificial Intelligence 'on 2nd Jan 2023 to 7th Jan 2023. The objective of this session is to convey importance of Robotics and Artificial Intelligence. Your experience will definitely helps our students to discover new opportunities in the Foreign university.

We look forward to a positive response from you soon.

Thanking You.

With Regards,

S Carrier

HOD

**Computer Engineering** 

H.O.D Computer Dopartment Rajiv Gandhi Collega of Engineering



### **BAJIV GANDHI COLLEGE OF ENGINEERING**

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.lot@gmail.com

Ref: RGCOE/COMP/2022-23/ Date: 01/01/2023

### **Department of Computer Engineering**

### Notice

All the Fourth year Computer Engineering Students are hereby informed that the Workshop is organized on 'Industrial Robotics and Artificial Intelligence' having an Expert Mr. Vaibhav Mhaskar from Synechron Technologies Pvt.Ltd. will be conducted 2nd Jan 2023 to 7th Jan 2023 by our college. The session shall be conducted in Digital class room hence all Final year students are informed to attend the same.

HOD

**Computer Engineering** 

Count County

H.O.D. Computer Department Raily Gandhi Collego of Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi iot@gmail.com

### **Department of Computer Engineering**

Workshop on Industrial Robotics and Artificial Intelligence.

### Syllabus

The following points were discussed during the Value Added Courses

- > The functional areas of AI systems such as planning, robotics, machine learning concepts, deep learning concepts and neural networks are discussed.
- Integration of design, manufacture and delivery via computer technology are explained.
- The essential concepts for a fundamental programming language such as Thinking, acting, and optimal and human processes are explained.
- Robo studio software discussed for creating the model and modifying the process during the manufacturing stages.
- > Cluster, anaconda navigator web sources are explained for using the real-time application in Artificial intelligence.

Course Co-orinator

**Computer Engineering** 

HOD

H.O.D Computer Department Rajiv Gandhi College of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Department of Computer Engineering**

### Workshop on Industrial Robotics and Artificial Intelligence

Sr. No.	Date	Topic Covered	Topic Duration
1	02/01/2023	The functional areas of AI systems such as planning, robotics, machine learning concepts, deep learning concepts and neural networks	5hr
2	03/01/2023	Integration of design, manufacture and delivery via computer technology	5hr
3	04/01/2023	The essential concepts for a fundamental programming language such as Thinking, acting, and optimal and human processes	5hr
4	05/01/2023	Robo studio software discussed for creating the model and modifying the process during the manufacturing stages	6hr
5	06/01/2023	Cluster, anaconda navigator web sources are explained for using the real-time application in Artificial intelligence	5hr
6	07/01/2023	Cluster, anaconda navigator web sources are explained for using the real-time application in Artificial intelligence	5hr

**Course Co-orinator** 

Republication of the second of

**Computer Engineering** 

H.O.D Compuler Datertment Rajiv Gandhi Collego of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### Student Feedback Analysis

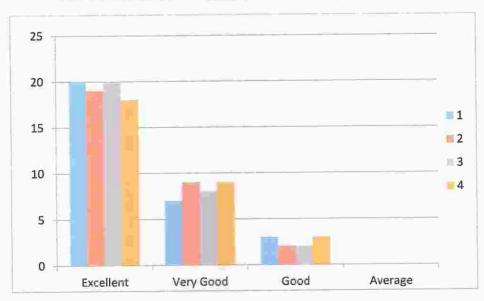
Total No. of Student Present: 30

No. of Student filled Feedback: 30

- 1) Understanding of the session delivered
- 2) Interaction with the student
- 3) Whether workshop was useful to you
- 4) Overall impression

	Excellent	Very Good	Good	Average
1	20	7	3	Nil
2	19	9	2	Nil
3	20	8	2	Nil
4	18	9	3	Nil

### Student Feedback Analysis By Graphical Representation





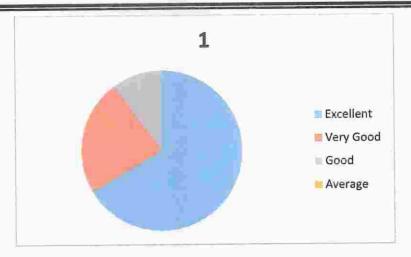
### (a)

### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com



Comments:	 	 	
Observation:		 	
Action Taken:			

Course Co-orinator

**Computer Engineering** 

HOD

H.O.D. Computer Department Rajiv Gandhi Collego of Engineering



Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Feedback Form**

Respected sir/madam, please give your valuable feedback

Email:- vaibhavmhaskar@gmail.com

Name:- Mr. Vaibhav Mhaskar

Organization:- Synechron Technologies Pvt.Ltd.

Designation:- Manager

Contact No.: 9860236314

Topic of Workshop:- Industrial Robotics and Artificial Intelligence

Sr. No.	Description	Excellent	Very Good	Good	Adequate
1	Audio/video system arrangement				
2	Cooperation from faculty/dept/institute				
3	Content understanding level of students				
4	Interaction of students				
5	Level of questions asked by the students				
6	Overall rating				

Is there any additional feedback that you would like to offer?

Masker & Name and Sign of Authority





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

Ref: RGCOE/COMP/2022-23/

Date: 07/01/2023

Letter of Thanks

To,

Mr. Vaibhav Mhaskar

Dear Sir,

On behalf of Department of Computer Engineering, Rajiv Gandhi College of Engineering, Karjule Harya we would like to extend our heartiest thanks for accepting our invitation for workshop. Your workshop on 'Industrial Robotics and Artificial Intelligence' will be helpful to our students.

Thank you for your motivation and benefitted valuable guidance. We are expecting similar kind of cooperation in future.

Sincerely,

HOD

**Computer Engineering** 

2 + 30/1/2 H

H.O.D Computer Department Rajiv Gandhi College of Engineering



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal Parner, Dist Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi lot@gmail.com

### Attendance of Students

Class: BE

Workshop Topic: Industrial Robotics and Artificial Intelligence

C+ N-	N COLUMN	-				3	
Sr.No.	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	CHAVAN NUPUR SANJAY	Chaucin	chaup-	cheren	- Choch	charge	chaus
2	CHAVAN RITESH ASHOK	Re	26	ec	PC	RK	Pa
3	CHINTEWAR SONALI BALAJI	sonorle	sonel.	sonal	sonal	Sonar	conada
, 4!	DHONGE SANDESH RAJARAM	de	8.	8		1	1
5.1	GADKAR KOMAL VIJAY	komen	Komel	Kame	- feomer	leama	Kond
6	GHOLAP VAIBHAV YADAV	Ver bhere	Vaiho	yearny	Valor	Joephi	
11.5 17.0	KADU ROHAN KISHOR	Rdo	Rob.	Rob	Rob	OSh	06
8	KALE DHANANJAY PARSHURAM	Dk-	A)Z	Dr_	02	DZ_	OZ
9	KANAWADE HARSHAL RAJHANS	Horshal	Houshal	Leasey	Hostal.	Hasher	Harber
1	KARANDE AKSHAY TUKARAM	Akshy	Alechur	A-Kehay	Aksher	Attahan	Open but
0	KOLPE RAMDAS DADASAHEB	sander	Santos	Surten	saids to	sartel	Carpen
11	MATKAR SANTOSH SITARAM	804	574	SM	514	SIY	cah
12	MHASKE HRISHIKESH DIPAK	FICH	ANY	HAN	HATE	FIR	Ais
13	MULEKAR NIKESH RAMESH	No.	Nb	19	N)	D.	A
14.	NAKIL SAIYUKTA GAJENDRA	Malark	Hobert	Nakel	Nach	Hotil	Nalis
15	NARLAWAR YOGESH CHANDRAKANT	yogych	4099h	yagen	40995	40900	4200
16	NARODE SWAPNIL BHAUSAHEB	De	@	es_	DE	Q2:	00-
17	NIRBHAWANE ROHINI LAXUMAN	RN	DON	1204	(DA)	and .	12HO
18	PATEL SHAKIRAHEMAD SHABBIRHUSEN	Datell	palels	Dalek	palels	pates/	miles
19	PATHAVE PARSHURAM SUKHADEO	(m)	(PD)	(1)	Cepi	(en)	PR
20	PATIL OMKAR MANIKRAO	om	omlas	omles.	- amkep	- app Los	amb
2,1	RINGE AKSHATA SHIVAJI	<b>P</b>	A	(A)	D.	D	P
22:	SAINDANSHIV PRAVIN ASHOK	Poling.	Pranin	proy	praling	mayo.	nous
23	SASANE RUPALI ANKUSH	pupal	Respect.	Peipel	Rupal	Pupil	Deput
2:4	SHINDE PRAVIN BAPU	Lemasa	prancy	grand	Prance	prury	Nanx
25	SHINDE SUDARSHAN BHARATRAO	(55)	FS	(5)	85	507	co
26	SHINDE TEJASWINI DHANANJAY	Shinde	shade	Shinds	Shorde	Shinde	Chinds
27	THAPA YASH SURENDRA	P	0	0	0	(B).	(a)
28	WAGHOLE PRADNYA PRAKASH	preider	prachy	Drein	pradry	produ	pradru
29	WALKE SANKET DILIP	Sanko	Sankel	Carpel	1	Sanke	
30	CHAVAN NUPUR SANJAY	Nupur	Nope	Napu	Napa	Rlags	MADA





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	B.E			
Name	of Speaker: Mr. Vaibhav	Mhaskar		
Topic:	Industrial Robotics and A	rtificial Intelligence		
1)	Understanding of the Excellent	session delivered.	ood	erage
2)	Interaction With the s	tudent. Very Good	ood	erage
3)	Whether workshop w	as useful to you.  Very Good	lood	erage
4)	Overall impression.  Excellent	Very Good	ood	erage
5)	Any Suggestion			





### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class: B.E  Name of Speaker: Mr. Vaibhav Mhaskar						
Topic: I	ndustrial Robotics and Ar	tificial Intelligence				
1)	Understanding of the s	session delivered. ☑∀ery Good	ood	erage		
2)	Interaction With the st	cudent. Very Good	ood	erage		
3)	Whether workshop was	as useful to you. Very Good	ood	erage		
4)	Overall impression.  Excellent	☑ Very Good	ood	erage		
5)	Any Suggestion	~				



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iol@gmail.com

### **Expert Session Feedback**

Class:	BE							
Name o	Name of Speaker: Mr. Vaibhav Mhaskar							
Topic: I	ndustrial Robotics and A	rtificial Intelligence						
1)	Understanding of the Excellent	session delivered.	ood	erage				
2)	Interaction With the s	tudent. Very Good	ood	erage				
3)	Whether workshop w	as useful to you. ☑∀ery Good	ood	erage				
4)	Overall impression.  Excellent	Very Good	ood	erage				
5)	Any Suggestion							



### RAJIV GANDHI COLLEGE OF ENGINEERING

Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vithalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Expert Session Feedback**

Class:	BE.							
Name o	Name of Speaker: Mr. Vaibhav Mhaskar							
Topic: I	opic: Industrial Robotics and Artificial Intelligence							
1)	Understanding of the  Excellent	session delivered. ☑¥ery Good	ood	erage				
2)	Interaction With the s	student. Very Good	ood	erage				
3)	Whether workshop w	ras useful to you. ✓️Very Good	ood	erage				
4)	Overall impression.  Excellent	Very Good	ood	erage				
5)	Any Suggestion	_						



Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

This is to certify that Mr. / Ms. CHAVAN NUPUR SANJAY has participated in

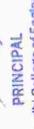
Industrial Robotics and Artificial Intelligence which is organized by Department of

Computer Engineering Dated 02 Jan. 2023 To 07 Jan. 2023





Rajly Gandhi College of Engineering Kadwe Harya, Tal. Pamer, Dist. A Nagar PRINCIPAL





Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

### Tentificate

This is to certify that Mr. / Ms. CHAVAN RITESH ASHOK has participated in

Industrial Robotics and Artificial Intelligence which is organized by Department of

Computer Engineering Dated 02 Jan. 2023 To 07 Jan. 2023





PRINCIPAL Rajly Gandhi College of Engineering Kadele Harya, Tal. Pamer, Dist. A. Negar



Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

### Prifitrate

CHINTEWAR SONALI BALAJI has This is to certify that Mr. / Ms. participated in Industrial Robotics and Artificial Intelligence which is organized by

Department of Computer Engineering Dated 02 Jan. 2023 To 07 Jan. 2023

IQAC In-charge Rajn Ganch Cologe of Engineering Kanue Harja, Tal. Pamer Dist. Anmednagar 414304



PRINCIPAL Rajw Gandhi College of Englineering Kadwo Marya, Tal. Pamer, Dist. A. Nagar



Tal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

### Tenthfriatte

DHONGE SANDESH RAJARAM has This is to certify that Mr. / Ms. participated in Industrial Robotics and Artificial Intelligence which is organized by

Department of Computer Engineering Dated 02 Jan. 2023 To 07 Jan. 2023





PRINCIPAL Rajiv Gandhi College of Engineering Karjule Harya, Tal. Pamer, Dist. A Negar



Fal.-Parner, Dist.-Ahmednagar, Pin:414304

Email id: rajivgandhi.iot@gmail.com

www.rgcoe.org

This is to certify that Mr. / Ms. GADKAR KOMAL VIJAY has participated in

Industrial Robotics and Artificial Intelligence which is organized by Department of

Computer Engineering Dated 02 Jan. 2023 To 07 Jan. 2023









Recognised by Govt.of Maharashtra, Approved by AICTE & to Savitribai Phule Pune University/MSBTE, Mumbai.

Vitthalnagar, Kokate Vasti, Karjule Harya, (Takali Dhokeshwar) Nagar Kalyan Highway, Tal.Parner, Dist.Ahmednagar, Pin-414304.

Phone: 8975578687, 8975178687, 7447275353 Visit us at: www.rgcoe.org / email: rajivgandhi.iot@gmail.com

### **Function Sample Photos-**



