

**KONGU ENGINEERING COLEGE, PERUNDURAI - 638060**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**VALUE ADDED COURSE – CIRCULAR**

27.01.2021

This is to inform that, we have planned to conduct value added course for this academic year 2020-2021. In this regards, Students are requested to give your willingness on or before 02.02.2021. The details of the value added course are given below for your reference.

| S.No | Name of the Course                    | Coordinator(s) & Contact                                           | Course Duration |
|------|---------------------------------------|--------------------------------------------------------------------|-----------------|
| 1.   | DevOps for Agile Software Development | Dr.P.A.Selvaraj<br>(9965054076)<br>Dr.M.Jagadeesan<br>(9965079892) | 60 Hours        |



**Academic Coordinator/CA**

1. DevOps for Agile Software Development 60 Hours

**Kongu Engineering College**

**Department of Computer Applications**

**Value Added Course on "DevOps" for agile Software Development**

**( 3.2.2021 to 20.2.2021)**

| <b>S.No</b> | <b>Name of the topic</b>                    | <b>Date</b> |
|-------------|---------------------------------------------|-------------|
| 1           | Introduction to DevOps                      | 3.2.2021    |
| 2           | Benefits of working in a DevOps environment | 4.2.2021    |
| 3           | DevOps Lifecycle                            | 5.2.2021    |
| 4           | DevOps Stages                               | 6.2.2021    |
| 5           | DevOps Delivery                             | 8.2.2021    |
| 6           | Branching and merging in Git                | 9.2.2021    |
| 7           | Merge Conflicts Stashing,                   | 10.2.2021   |
| 8           | Rebasing,                                   | 11.2.2021   |
| 9           | Reverting and ResettingGit Workflows        | 12.2.2021   |
| 10          | Introduction to Maven                       | 13.2.2021   |
| 11          | Maven Architecture                          | 15.2.2021   |
| 12          | Introduction to Continuous Integration      | 16.2.2021   |
| 13          | Introduction to Jenkins                     | 17.2.2021   |
| 14          | Version Control                             | 18.2.2021   |
| 15          | Git Introduction                            | 19.2.2021   |
| 16          | Git Installation                            | 20.2.2021   |
| 17          | Commonly used commands in Git               | 21.2.2021   |
| 18          | Working with Remote repository              | 22.2.2021   |
| 19          | Introduction to Configuration Management    | 23.2.2021   |
| 20          | Infrastructure as Code                      | 24.2.2021   |
| 21          | Introduction to Ansible                     | 25.2.2021   |
| 22          | Ansible Architecture                        | 26.2.2021   |
| 23          | Inventory ManagementAnsible Modules         | 27.2.2021   |
| 24          | AD-HOC Commands                             | 27.2.2021   |
| 25          | Ansible Playbooks                           | 27.2.2021   |
| 26          | Ansible Roles                               | 27.2.2021   |



| S.No | Roll No  | Name                | Class | 3/2 | 4/2 | 5/2 | 6/2 | 8/2 | 9/2 | 14/2 | 15/2 | 12/2 |
|------|----------|---------------------|-------|-----|-----|-----|-----|-----|-----|------|------|------|
| 1    | 20MCR001 | ABHISHEK KUMAR      | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 2    | 20MCR003 | AJAI KRISHNA A      | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 3    | 20MCR004 | AJAY MARTIN A       | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 4    | 20MCR005 | ANAND P             | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 5    | 20MCR010 | BALA AJITH KUMAR G. | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 6    | 20MCR012 | DAVID RAJA R        | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 7    | 20MCR019 | ERAJAVIGNESH V      | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 8    | 20MCR020 | GAYATHRI L G        | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 9    | 20MCR023 | GOWDHAN S           | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 10   | 20MCR029 | KARTHIK V           | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 11   | 20MCR039 | MALLESHBASKAR M     | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 12   | 20MCR040 | MANIKANDA PRABHU P  | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 13   | 20MCR041 | MANIKANDARAJA R     | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 14   | 20MCR044 | MOHANAPRIYA G       | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 15   | 20MCR045 | MOWNIKA             | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 16   | 20MCR046 | MUNISH M            | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 17   | 20MCR051 | NAVEEN KUMAR D      | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 18   | 20MCR055 | NITHINKUMAR A       | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 19   | 20MCR056 | PAVITHRA A N        | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 20   | 20MCR061 | ROBIN G             | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 21   | 20MCR065 | SARAVANA KUMAR R    | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 22   | 20MCR067 | SATHYA D            | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 23   | 20MCR068 | SHUBHAM KUMAR       | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 24   | 20MCR072 | SRIRAM BABU N K     | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 25   | 20MCR073 | SRUTHI S            | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 26   | 20MCR074 | PRITHIVRAJ T        | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 27   | 20MCR075 | SUNNY BHUSHAN       | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 28   | 20MCR076 | SURYA K             | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 29   | 20MCR084 | PRIYADHARSHINI M.B  | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |
| 30   | 20MCR082 | YUVARAJ V           | I MCA | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1    | 1    |

Kongu Engineering College

Department of Computer Applications

Value Added Course on "DevOps" for agile Software Development( 1.2.2021 to 30.2.2021)

| S.No | Roll No  | Name               | Class | 12/2 | 15/2 | 16/2 | 17/2 | 18/2 | 19/2 | 20/2 | 21/2 | 22/2 |
|------|----------|--------------------|-------|------|------|------|------|------|------|------|------|------|
| 1    | 20MCR001 | ABHISHEK KUMAR     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 2    | 20MCR003 | AJAI KRISHNA A     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 3    | 20MCR004 | AJAY MARTIN A      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 4    | 20MCR005 | ANAND P            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 5    | 20MCR010 | BALA AJITH KUMAR G | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 6    | 20MCR012 | DAVID RAJA R       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 7    | 20MCR019 | ERAJAVIGNESH V     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 8    | 20MCR020 | GAYATHRI G         | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 9    | 20MCR023 | GOWDHAN S          | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 10   | 20MCR029 | KARTHIK V          | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 11   | 20MCR039 | MALLESHBASKAR M    | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 12   | 20MCR040 | MANIKANDA PRABHU P | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 13   | 20MCR041 | MANIKANDARAJA R    | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 14   | 20MCR044 | MOHANAPRIYA G      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 15   | 20MCR045 | MOWNIKA            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 16   | 20MCR046 | MUNISH M           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 17   | 20MCR051 | NAVEEN KUMAR D     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 18   | 20MCR055 | NITHINKUMAR A      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 19   | 20MCR056 | PAVITHRA A N       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 20   | 20MCR061 | ROBIN G            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 21   | 20MCR065 | SARAVANA KUMAR R   | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 22   | 20MCR067 | SATHYA D           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 23   | 20MCR068 | SHUBHAM KUMAR      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 24   | 20MCR072 | SRIRAM BABU N K    | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 25   | 20MCR073 | SRUTHI S           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 26   | 20MCR074 | PRITHIVRAJ T       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 27   | 20MCR075 | SUNNY BHUSHAN      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 28   | 20MCR076 | SURYA K            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 29   | 20MCR084 | PRIYADHARSHINI M.B | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |
| 30   | 20MCR082 | YUVARAJ V          | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    | /    |



| S.No | Roll No  | Name                | Class | 23/2 | 24/2 | 25/2 | 26/2 | 27/2 | 27/2 | 27/2 | 27/2 |
|------|----------|---------------------|-------|------|------|------|------|------|------|------|------|
| 1    | 20MCR001 | ABHISHEK KUMAR      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 2    | 20MCR003 | AJAI KRISHNA A      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 3    | 20MCR004 | AJAY MARTIN A       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 4    | 20MCR005 | ANAND P             | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 5    | 20MCR010 | BALA AJITH KUMAR G. | IMCA  | /    | /    | 9    | /    | /    | /    | /    | /    |
| 6    | 20MCR012 | DAVID RAJA R        | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 7    | 20MCR019 | ERAJAVIGNESH V      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 8    | 20MCR020 | GAYATHRI. G         | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 9    | 20MCR023 | GOWDHAM S           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 10   | 20MCR029 | KARTHIK.V           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 11   | 20MCR039 | MALLESHBASKAR M     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 12   | 20MCR040 | MANIKANDA PRABHU P  | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 13   | 20MCR041 | MANIKANDARAJA R     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 14   | 20MCR044 | MOHANAPRIYA G       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 15   | 20MCR045 | MOWNIKA             | IMCA  | 9    | /    | /    | /    | /    | /    | /    | /    |
| 16   | 20MCR046 | MUNISH M            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 17   | 20MCR051 | NAVEEN KUMAR D      | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 18   | 20MCR055 | NITHINKUMAR A       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 19   | 20MCR056 | PAVITHRA A N        | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 20   | 20MCR061 | ROBIN G             | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 21   | 20MCR065 | SARAVANA KUMAR R    | IMCA  | /    | /    | /    | /    | /    | /    | 9    | /    |
| 22   | 20MCR067 | SATHYA.D            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 23   | 20MCR068 | SHUBHAM KUMAR       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 24   | 20MCR072 | SRIRAM BABU N K     | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 25   | 20MCR073 | SRUTHI S            | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 26   | 20MCR074 | PRITHIVRAJ T        | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 27   | 20MCR075 | SUNNY BHUSHAN       | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 28   | 20MCR076 | SURYA K             | IMCA  | /    | /    | /    | 9    | /    | /    | /    | /    |
| 29   | 20MCR084 | PRIYADHARSHINI M.B  | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |
| 30   | 20MCR082 | YUVARAJ.V           | IMCA  | /    | /    | /    | /    | /    | /    | /    | /    |

## FEED BACK FORM - STTP

ST-06

Rev 1

01-10-14

1.0 Name of the Participant (Optional):

2.0 Course title : *Devops for Agile Software Development*

3.0 Dates of the program : *3.2.2021 - 20.2.2021*

4.0 Please rate the following parameters as per points given below.

|                                     | 10 - Excellent | 8 - Good | 6 - Average | 4 - Below average | 2 - Poor |
|-------------------------------------|----------------|----------|-------------|-------------------|----------|
| a) The overall rating of the course | <i>10</i>      | 8        | 6           | 4                 | 2        |
| b) Course delivery                  | <i>10</i>      | 8        | 6           | 4                 | 2        |
| c) Communication                    | 10             | <i>8</i> | 6           | 4                 | 2        |
| d) Course material                  | 10             | <i>8</i> | 6           | 4                 | 2        |
| e) Arrangements                     | <i>10</i>      | 8        | 6           | 4                 | 2        |
| f) Ability to clear doubts          | <i>10</i>      | 8        | 6           | 4                 | 2        |
| g) Practical sessions               | <i>10</i>      | 8        | 6           | 4                 | 2        |
| h) Hospitality                      | <i>10</i>      | 8        | 6           | 4                 | 2        |
| i) Examination (if conducted)       | 10             | 8        | 6           | 4                 | 2        |

Please also give your suggestion for improvement

*✓*

*Munish*  
Signature of the Participant





# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE 638 060 TAMILNADU INDIA



School of Computer Technology and Applications

Department of Computer Applications



## CERTIFICATE

This is to certify that \_\_\_\_\_

has attended the **value added course on Devops for Agile Software Development**

Conducted at Kongu Engineering College from 03.02.2021 to 20.02.2021.

Convenor

HOD

Principal

