



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution. Affiliated to JNTUH, Hyderabad Accredited 2<sup>nd</sup> time by NAAC  
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)  
Maisammaguda (H), Medchal-Malkajiri District, Secunderabad,  
Telangana State – 500100  
www.mrec.ac.in

## Department of Computer Science and Engineering

### CIRCULAR

Date: 6/08/2019

All the students are hereby informed that Value Added Course on “**MicroFocus DevOps**” on dated 13<sup>th</sup> Aug 2019 to 18<sup>th</sup> Aug 2019 , is being organized by the **Computer ScienceandEngineering** department. The resource person for the course is “**MrP Venkat Reddy, CapGemini**”.

Students are advised to register their names to the programme coordinator “**Mr. S AjayKumar, Assistant Professor, CSE**”, on or before 10/08/2019 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.

**Head of the Department**

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.



*Received*

Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100

## About the Institution

**Malla Reddy Engineering College (Autonomous)** is one of the reputed engineering colleges in Hyderabad, Telangana. **MREC (A)** is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG courses provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. S. Sudhakar Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.



## Advisory Committee

**Chief Patrons:** Sri. Ch. Malla Reddy  
Founder Chairman  
Malla Reddy Group of Institutions

**Patrons:** Sri.Ch. Mahender Reddy  
Secretary, MRGI  
Dr.Ch.Bhadra Reddy  
President, MRGI

**Co-Patrons:** Dr.S. Sudhakara Reddy  
Principal, MREC (A)

**Convener:** Dr. R P Ramkumar,  
HOD CSE

**Coordinator:** Mr. Ajay Kumar,  
Assistant Professor, CSE

**Resource Person:** Mr. P. Venkata Reddy

## Organizing Committee:

Dr. R P Ramkumar, Professor, CSE

Dr. S. Dhanalakshmi, Professor, CSE

Mr. Sanjeeva Polepaka, Associate Professor, CSE

Mr. P.V.Ramana Murthy, Assistant Professor, CSE

Ms. S. Sandhya Rani, Assistant Professor, CSE

Mr.Md. Inayathulla, Assistant Professor, CSE

Mr.A.Lakshman, Assistant Professor, CSE

Mr.Yarava Rakesh Kumar, Assistant Professor, CSE

Mrs.G. Vamshi Krishna, Assistant Professor, CSE

*Ram*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Medchal-500100.



*A One-Week Skill development Course  
(Value added Course)*

*On*

**"MICRO FOCUS DevOps TRAINING"**

**(13<sup>th</sup> to 18<sup>th</sup> August 2019)**



*Organized by*

**Department of**

**Computer Science and Engineering**

**MALLA REDDY ENGINEERING COLLEGE**

(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by

AICTE & Affiliated to JNTUH-Hyderabad

Reaccredited by NAAC with 'A' Grade (II Cycle)

Maisammaguda(H), Gundlapochampally (V),

Medchal (M), Medchal - Malkajgiri District

Telangana - 500100, India.

## Registration Form

Name of the Participant :-----  
-----

Branch & Year :-----

Name of Institution:-----  
-----

Address for Communication:-----  
-----  
-----

Mobile Number:-----

E-Mail ID:-----

### DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant



*Recd*  
Malla Reddy Engg. College (A)  
Maisammaganur, Hyderabad  
(Post Via Kompally), Sec Bad-500100.

## About the Department

The Department of CSE was started in the year 2005 with a vision of imparting high-quality education to suite the global standards in Computer science and Engineering. The department has got highly qualified & committed faculty members supported by dedicated technical staff.

The department has its own library and sophisticated laboratories not only to suite curriculum requirements but also to serve research needs such as Computer Networks, Data Mining, Software Engineering, Image processing & Cloud Computing. Workshops, software simulation etc.

The department formed CSI and ISTE student branch for the benefit of students and faculty by conducting technical Conferences, workshops, FDPs and Guest lectures.

## Overview of the Programme

The **MICRO FOCUS DevOps TRAINING** course recognizes basic skills in installing, supporting, and troubleshooting wired and/or wireless networks. One can choose from several tracks, including Cloud, Collaboration, Cyber Ops, Data Center, Industrial, Routing and Switching, Security, Service Provider and Wireless.

The **MICRO FOCUS DevOps TRAINING** certification validates your skills and knowledge in network fundamentals, network access, IP

connectivity, IT services, security fundamentals, and automation and programmability.

## Objectives of the Programme

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Understand and describe basic switching concepts and the operation of Cisco switches
- Understand and describe enhanced switching technologies
- Understand and describe dynamic routing protocols, distance vector routing protocols, and link-state routing protocols
- Configure and troubleshoot basic operations in a small switched and routed network
- Configure and troubleshoot VLANs and inter-VLAN routing

## Topics to be covered

- Exploring the Network,
- Configuring a Network Operating System,
- Network Protocols and Communications,
- Network Access

## Certificate

After successful completion of the course the certificates shall be issued to the participants.

## Outcome of the program,

On completion of this course, participants will be able to equip with all the skills required to match their expectations.



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## VAC DEVOPS Syllabus

- 1) Introducing DevOps: Emergence of DevOps , History of DevOps, Transformation with DevOps and Agile, Business Case for DevOps.
- 2) Benefits of DevOps: Agile Practices, Focus on Products and Service, Autonomy of Teams, Introducing CALMS.
- 3) Common DevOps Roles: DevOps Evangelist, Automation Architect , Cloud Infrastructure Engineer ,Software Developer, Software Test, Security Engineer, Database Administrator, Product Owner.
- 4) Common DevOps Practices and Techniques: Continuous Integration, Testing and Deployment, Infrastructure As Code, Test-Driven Deployment, Integrated Toolchains , Distributed Version Control, Production Monitoring, Public, Private and Hybrid Cloud Technologies.
- 5) Relevant Methods and Approaches for DevOps Teams: DevOps Topologies and Target Operating Models, Scrum Development Delivery, Kanban Workflow, Transformational Leadership, Full-Stack Engineering, Collective Ownership, Continuous Experimentation.



*Ramesh*  
Principal  
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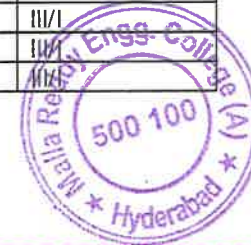
Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

**Department: CSE**

**Course Name: MICRO FOCUS DEVOPS**

**Date:13/08/2018-17/08/2018**

Sl. No	Roll No	Name of the students	Year/Semester
1	16J41A0501	A Lakshmi Pratyusha	III/I
2	16J41A0502	A.V. Naga Aishwarya	III/I
3	16J41A0503	Alapati Bhanu Prakash	III/I
4	16J41A0504	B. Hemalatha	III/I
5	16J41A0505	Bakarapu Venu Yadav	III/I
6	16J41A0512	Donthu Madhuri	III/I
7	16J41A0513	G Ananth Mohan	III/I
8	16J41A0514	Gadde Keerthana	III/I
9	16J41A0515	Gattoji Sandeep	III/I
10	16J41A0519	Gopu Keerthan	III/I
11	16J41A0520	Gudepu Hima Chaitanya	III/I
12	16J41A0521	Guduru Sravanthi	III/I
13	16J41A0522	Janjarla Abilash	III/I
14	16J41A0523	Jinnolu Srikanth Reddy	III/I
15	16J41A0542	P Sri Vaishnavi	III/I
16	16J41A0543	P Tejaswini	III/I
17	16J41A0544	Patelu Sandeep Reddy	III/I
18	16J41A0545	Peddigari Bhagyalakshmi	III/I
19	16J41A0546	Priya Yadav	III/I
20	16J41A05C2	Adapa Anil Narayan	III/I
21	16J41A05D3	Chinthanippula Nagkamal	III/I
22	16J41A05E4	Gorak Devender	III/I
23	16J41A05F1	Kethireddy Sai Kumar Reddy	III/I
24	16J41A05G3	Mohammed Abdul Thousif	III/I
25	16J41A05G4	Mora Pavalishree Reddy	III/I
26	16J41A05H0	Pulari Radha	III/I
27	16J41A05H1	Rizvana	III/I
28	16J41A05H2	Rudra Shekhar Jha	III/I
29	16J41A05J7	Bikkaji Likitha	III/I
30	16J41A05J8	Chikoti Yogesh	III/I
31	16J41A05J9	Chennuru Gowtham Krishna	III/I



*Ravi*  
Principal  
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(Post Via Kompally), Sec'bad-500100

32	16J41A05L1	K Chandra Babu Naidu	III/I
33	16J41A05L2	Karlapudi Vidya Rani	III/I
34	16J41A05L3	Katakam Meghana	III/I
35	16J41A05M3	Maraju Sri Ram	III/I
36	16J41A05M4	Masetty Dinesh	III/I
37	16J41A05M5	Myada Akhila	III/I
38	16J41A05N4	R.Abhinav	III/I
39	16J41A05N5	Rathod Vikram Naik	III/I
40	16J41A05N6	Ravanaboina Alekhya	III/I
41	16J41A05P0	Shaik Mohammed Johny	III/I
42	16J41A05P1	Shaik Nafisa	III/I
43	16J41A05P2	Sindekar Akhila	III/I
44	17J45A0506	C Srinivas Goud	III/I
45	17J45A0507	Kondi Shivakrishna	III/I



*Ravendra*  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### VAC-DEVOPS- Summary

20.08.2019

**Course duration: 13 August 2019 To 18 August 2019**

#### Overview of the Course

The aim of the certification is to validate your knowledge across a number of different key areas, which have been defined by AWS as being able to:

- Implement and manage continuous delivery systems and methodologies on AWS
- Implement and automate security controls, governance processes, and compliance validation
- Define and deploy monitoring, metrics, and logging systems on AWS
- Implement systems that are highly available, scalable, and self-healing on the AWS platform
- Design, manage and maintain tools to automate operational processes

As a means of demonstrating this knowledge, you will be tested across 6 different domains, with each domain contributing to a total percentage of your overall score. These domains are broken down as:

- Domain 1: SDLC Automation 22%
- Domain 2: Configuration Management and Infrastructure as Code 19%
- Domain 3: Monitoring and Logging 15%
- Domain 4: Policies and Standards Automation 10%
- Domain 5: Incident and Event Response 18%
- Domain 6: High Availability, Fault Tolerance and Disaster Recovery 16%

As you progress through the learning path, you will gain all the information and knowledge required to fulfill the domain expectations, gaining a deep understanding within each area.

This learning path is suitable for those wanting to pass the AWS DevOps Engineer - Professional Certification Exam.

After successful completion of the course the certificates are issued to the participants.



*Ramesh*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100



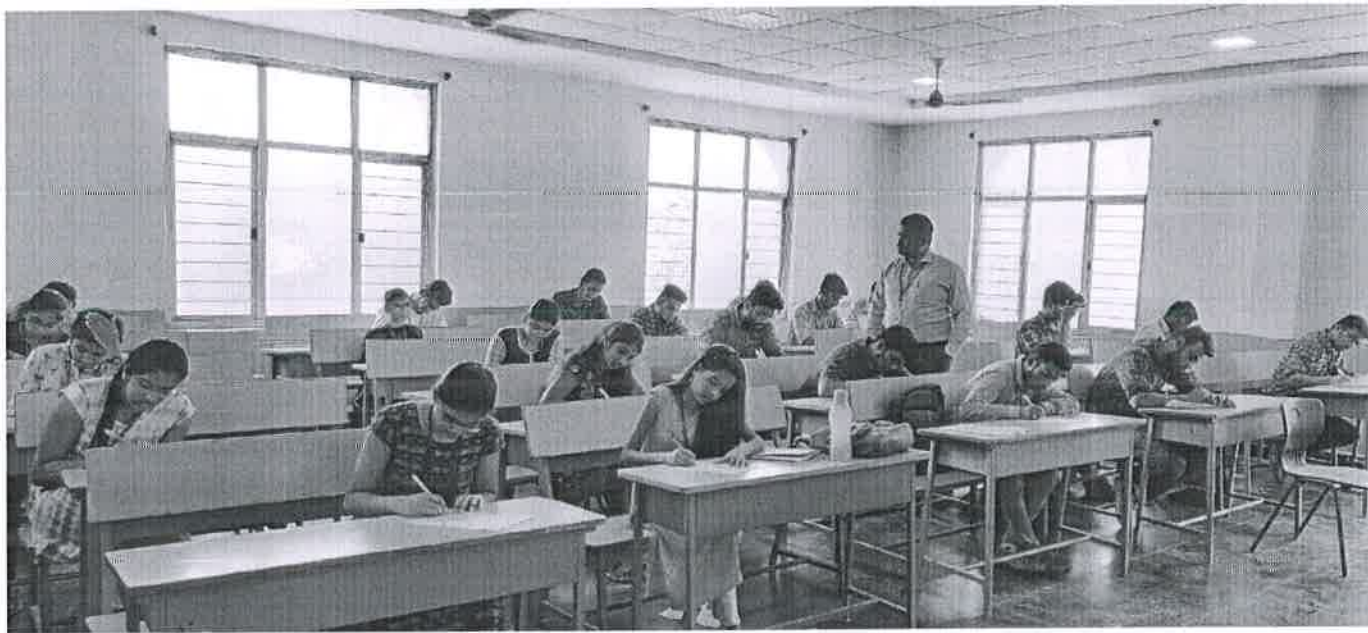
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Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State  
500100

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### VAC DEVOPS



*Reneesh*  
Principal  
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(Post Via Kompally), Sec'bad-500100





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. G HIMA bearing Roll No. 16J41A0520 has successfully completed Certificate / Value Added Course / Workshop in MICRO FOCUS DEVOPS TRAINING conducted by the Department of Computer Science and Engineering from 15<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018 .

*Asaj*  
COORDINATOR



*[Signature]*  
HOD

*Kaush*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

*[Signature]*  
PRINCIPAL



# MALLA REDDY ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms.G KEERTHAN bearing Roll No. 16J41A0519 has successfully completed Certificate / Value Added Course / Workshop in MICRO FOCUS DEVOPS TRAINING conducted by the Department of Computer Science and Engineering from 15<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018 .

*Asal*  
COORDINATOR



*[Signature]*  
HOD

*[Signature]*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

*[Signature]*  
PRINCIPAL



# MALLA REDDY ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. D MADHURI bearing Roll No. 16J41A0512 has successfully completed Certificate / Value Added Course / Workshop in MICRO FOCUS DEVOPS TRAINING conducted by the Department of Computer Science and Engineering from 15<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018 .

*Asus*  
COORDINATOR



*[Signature]*  
HOD

*[Signature]*  
Principal  
Malla Reddy Engineering College,  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

*[Signature]*  
PRINCIPAL



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. B HEMALATHA bearing Roll No. 16J41A0504 has successfully completed Certificate / Value Added Course / Workshop in MICRO FOCUS DEVOPS TRAINING conducted by the Department of Computer Science and Engineering from 15<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018.

  
COORDINATOR



  
HOD

  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

  
PRINCIPAL





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A LAKSHMI bearing Roll No. 16J41A0501 has successfully completed Certificate / Value Added Course / Workshop in MICRO FOCUS DEVOPS TRAINING conducted by the Department of Computer Science and Engineering from 15<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018.

*Asad*

COORDINATOR



*[Signature]*

HOD

*Raveendh*  
Principal

Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

*[Signature]*

PRINCIPAL