



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

Department of Computer Science and Engineering

CIRCULAR

Date: 12/08/2019

All the students are hereby informed that Value Added Course on “**GOOGLE CLOUD PLATFORM (GCP)**” is being organized by the **Computer Science and Engineering** department on dated **21st August 2019 to 29th August 2019**. The resource person for the course is “**Mr. Mathang Seshagiri, Google Cloud Career Readiness Program.**”

Students are advised to register their names to the programme coordinator “**Mr. K Arun Kumar, Asst Prof, CSE Dept**”, on or before 19/08/2019 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.



Kanwar
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. Sudhakara Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.

Mr.

Advisory Committee

Chief Patrons: Sri. Ch. Malla Reddy, Minister-Telangana State-India.
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. G.Charles Babu
HOD CSE

Coordinator: Mr. K Arun Kumar
Assistant Professor, CSE

Resource Person: Mathang Seshagiri, Google Cloud
Career Readiness program

Organizing Committee:

Dr. Dr. O. Obulesu, Professor, CSE
Dr. S. Dhanalakshmi, Professor, CSE
Mr. P.V. Ramana Murthy, Associate Professor, CSE
Mr. Sanjeeva Polepaka, Associate Professor, CSE
Ms. S. Sandhya Ran, Assistant Professor, CSE
Mr.Md. Inayathulla, Assistant Professor, CSE
Mr.A.Lakshman, Assistant Professor, CSE
Mr.Yarava Rokesh Kumar, Assistant Professor, CSE
Mrs.G. Vamshi Krishna, Assistant Professor, CSE



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

On

" Google Cloud Platform (GCP)"

(21st to 25th 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.

Principal
PRINCIPAL
Malla Reddy Engineering C
(Autonomous)
Maisammaguda, Dhulapally
(Post Via Kompally), Sarfarpur (Dist: Medchal)

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

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

Google Cloud Platform is a suite of public cloud computing services offered by Google. The platform includes a range of hosted services for compute, storage and application development that run on Google hardware.

Google Cloud Platform is a provider of computing resources for deploying and operating applications on the web. Its specialty is providing a place for individuals and enterprises to build and run software, and it uses the web to connect to the users of that software.

Objectives of the Programme

We use a **cloud platform** such as **GCP** when you want to build and run an application that can leverage the power of hyperscale data centers in some way: to reach users worldwide, or to borrow sophisticated analytics and AI functions, or to utilize massive data storage, or to take advantage of cost efficiencies

Topics to be covered

- Introducing Google Cloud Platform
- Getting Started with Google Cloud Platform
- Virtual Machines in the Cloud
- Storage in the Cloud
- Containers in the Cloud
- Applications in the Cloud
- Developing, Deploying and Monitoring in the Cloud

Big Data and Machine Learning in the Cloud

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 these expectations.

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

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VAC GOOGLE CLOUD PLATFORM Syllabus

- **Introduction to Google Cloud Platform:** Google Cloud Platform (GCP) infrastructure, Using GCP, Lab: Console and Cloud Shell, Demo: Projects, Lab: Infrastructure Preview.
- **Virtual Networks:** Virtual Private Cloud (VPC), Projects, Networks, Subnetworks, IP addresses, Routes, Firewall rules, Subnetworks for resource management instead of physical network topology, Lab: Virtual Networking, Lab: Bastion Host.
- **Virtual Machines:** Compute Engine, Lab: Creating Virtual Machines, Compute options (vCPU and Memory), Images, Common Compute Engine actions, Lab: Working with Virtual Machines.
- **Cloud IAM:** Organizations, Roles, Members, Service accounts, Cloud IAM best practices, Lab: Cloud IAM.
- **Data Storage Services:** Cloud Storage, Lab: Cloud Storage, Cloud SQL, Lab: Cloud SQL, Cloud Spanner, Cloud Datastore, Lab: Cloud Datastore, Cloud Bigtable.
- **Resource Management:** Cloud Resource Manager, Quotas, Labels, Names, Billing Demo: Billing Administration, Lab: Examining Billing Data with BigQuery.
- **Resource Monitoring:** Stackdriver, Monitoring, Lab: Resource Monitoring (Stackdriver), Logging, Error Reporting, Tracing, Debugging. Lab: Error Reporting and Debugging (Stackdriver).
- **Interconnecting Networks:** Cloud Virtual Private Network (VPN), Lab: Virtual Private Networks (VPN), Cloud Router, Cloud Interconnect, External Peering, Cloud DNS.
- **Load Balancing:** Managed Instance Groups, HTTPS load balancing, Cross-region and content-based load balancing, SSL proxy/TCP, proxy load balancing, Network load balancing, Lab: VM Automation and Load Balancing.
- **Auto scaling:** Auto scaling, Policies, Configuration, Lab: Auto scaling



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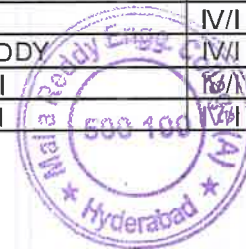
Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

Department: CSE

Course Name: GCP

Date:21/08/2019-25/08/2019

SI. No	Roll No	Name of the students	Year/Semester
1	17J41A0502	AMBATI SONY	III/I
2	17J41A0503	AMBEER KEERTHANA	III/I
3	17J41A0504	BANNA SAIKIRAN	III/I
4	17J41A0505	BHADRASHATTE MANAV NAGNATH	III/I
5	17J41A0506	BOYA VISHNUVARDHAN	III/I
6	17J41A0507	CHALAVADI SUMANTH	III/I
7	17J41A0515	GUMMYREDDY VARSHA REDDY	III/I
8	17J41A0516	GUNDATI PRANAVI	III/I
9	17J41A0524	KIRANMAI PONNAM	III/I
10	17J41A0525	KOTI SWARAJ	III/I
11	17J41A0569	BUSSA SRIJA REDDY	III/I
12	17J41A0570	BYAGARI LOKESH	III/I
13	17J41A05A1	NELAM JASWANTH	III/I
14	17J41A05C0	VEMPALA SILAS ANKITH	III/I
15	17J41A05D4	BURRI RAVIKANTH REDDY	III/I
16	17J41A05D5	C ANIKETH REDDY	III/I
17	17J41A05E6	KARANAM VENKATA SRI HARSHA	III/I
18	17J41A05L5	LINGANNAGARI ROSHINI REDDY	III/I
19	17J41A05L6	M RAJITHA	III/I
20	17J41A05N7	SURAPANENI CHETANA	III/I
21	17J41A05N8	THALUPURI BHARGAVA CHANDU	III/I
22	17J41A05P9	DEVABAKTHUNI SAI TEJA	III/I
23	18J45A0519	THUMMA SANDEEP RAJ	III/I
24	18J45A0510	KOLANI PAVAN	III/I
25	16J41A0506	BEGARI SUMA SRI	IV/I
26	16J41A0507	BILLA SAI RAM REDDY	IV/I
27	16J41A0512	DONTHU MADHURI	IV/I
28	16J41A0513	G ANANTH MOHAN	IV/I



Raventh
Principal

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29	16J41A0526	KANDIKATLA PRADEEP	IV/I
30	16J41A0527	KAVALI MADHAVI	IV/I
31	16J41A0528	KAVITI CHANDRA SHEKAR	IV/I
32	16J41A0529	KEERTHI SAITEJA	IV/I
33	16J41A0539	MUMMADI SAI TEJA	IV/I
34	16J41A0547	PUSULURI SOWMYA	IV/I
35	16J41A0548	RAHUL GOUD . M	IV/I
36	16J41A0563	ARAVENI DEEPAK	IV/I
37	16J41A0564	BANOTH HARISH KUMAR	IV/I
38	16J41A0573	GALAM ROHITH	IV/I
39	16J41A0574	GANJI NORISH GOVARDHAN SAI	IV/I
40	16J41A05A4	NIMMALA TRINATH GOUD	IV/I
41	16J41A05B5	SHIVARLA MALIKA	IV/I
42	16J41A05G5	N MAMATHA	IV/I
43	16J41A05K0	D.SUMANTH	IV/I
44	16J41A05L8	KURAPATI VASAVI PRASANNA	IV/I
45	16J41A05N6	RAVANABOINA ALEKHYA	IV/I
46	17J45A0505	SIDDAM RAKESH	III/I
47	17J45A0506	C SRINIVAS GOUD	III/I
48	17J45A0507	KONDI SHIVAKRISHNA	III/I
49	17J45A0508	KANREDDY NAVEEN REDDY	III/I
50	16J41A05N3	PUTCHA SRINIVAS VIKRANTH	IV/I
51	16J41A05N4	R.ABHINAV	IV/I
52	16J41A05M3	MAROJU SRI RAM	IV/I
53	16J41A05M4	MASETTY DINESH	IV/I
54	16J41A05K6	GONELA VASANTHA	IV/I



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VAC- GOOGLE CLOUD PLATFORM- Summary

25-08-2019

Course duration: 21st August 2019 to 25th August 2019

Overview of the Course

Google cloud platform is a suite of public cloud computing services for compute, storage and application development that run on google hardware. Google Cloud Platform is a provider of computing resources for deploying and operating applications on the web. Its speciality is providing a place for individuals and enterprises to build and run software, and it uses the web to connect to the users of that software

Objectives of the Course

we use a Cloud Platform such as GCP when you want to build and run an application that can leverage the power of hyperscale data centers in some way: to reach users worldwide, or to utilize massive data storage, or to take advantage of cost efficiencies.

The speaker also covered the following topics:

Introducing Google Cloud Platform, Getting started with Google cloud platform, virtual machines in the cloud, storage in the cloud, containers in the cloud, Applications in the cloud, Developing, Deploying and Monitoring in the Cloud

Outcome of the program



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

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



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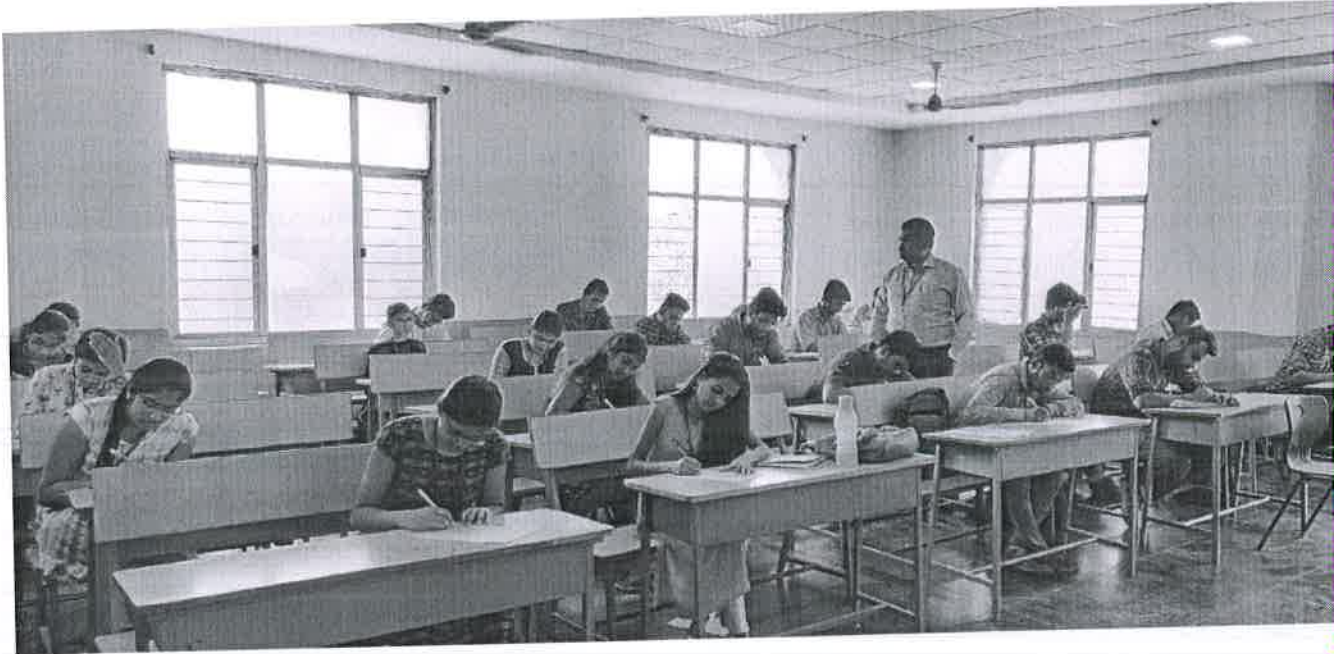
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VAC GOOGLE CLOUD POGRAMING



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KANDIKATLA bearing Roll No. 16J41A0526 has successfully completed Certificate / Value Added Course / Workshop in Google Cloud Platform conducted by the Department of Computer Science and Engineering from 21st August 2019 to 25th August 2019.

COORDINATOR

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KAVALI MADHAVI bearing Roll No. 16J41A0527 has successfully completed Certificate / Value Added Course / Workshop in Google Cloud Platform conducted by the Department of Computer Science and Engineering from 21st August 2019 to 25th August 2019.

KRK

COORDINATOR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. MUMMADI SAI TEJA bearing Roll No. 16J41A0539 has successfully completed Certificate / Value Added Course / Workshop in Google Cloud Platform conducted by the Department of Computer Science and Engineering from 21st August 2019 to 25th August 2019.

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COORDINATOR



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KAVITI CHANDRA bearing Roll No. 16J41A0528 has successfully completed Certificate / Value Added Course / Workshop in Google Cloud Platform conducted by the Department of Computer Science and Engineering from 21st August 2019 to 25th August 2019.

COORDINATOR

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KEERTHI SAITEJA bearing Roll No. 16J41A0529 has successfully completed Certificate / Value Added Course / Workshop in Google Cloud Platform conducted by the Department of Computer Science and Engineering from 21st August 2019 to 25th August 2019.

KRK

COORDINATOR



[Signature]

HOD

Renuka
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