



## Industry Cloud Adoption

A two-day workshop on Industry Cloud Adoption with a Hands-on session was organized by Department of Computer Science And Engineering in collaboration with IEEE CS MVSR, Cyber Ekta and MVSR ACM Student Chapter on 4<sup>th</sup> and 5<sup>th</sup> November 2022. The main purpose of this workshop was to cover major advances in Cloud computing and to give insights on Cloud Adoption.

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**Student Branch Counsellor:**

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## Session Details:

**Date:** 4<sup>th</sup> -5<sup>th</sup> November,2022

**Time:** 10:00 am – 1:00 pm

**Number of Attendees:** 77

**Speaker of the Session:** Mr. T. Vidya Sagar, Cloud Architect and Advisor, TCS

The meeting was commenced by Mr. M. Hareen, Chairperson, IEEE MVSR SB CS Student Chapter by welcoming the gathering and inviting the dignitaries Dr. G. Kanaka Durga, Principal, MVSR, Dr. J. Prasanna Kumar, HOD, CSE Dept, Dr. D. Harikrishna, IEEE Student Branch Counsellor and Mr. T. Vidya Sagar, Cloud Architect and Advisor, TCS onto the dais. The session was then handed over to Mrs. B. Saritha, Advisor, IEEE CS Student Branch Advisor who invited Dr. G. Kanaka Durga, Principal, MVSREC to address the gathering.

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(Autonomous)  
(Sponsored by Matrursi Education Society, Affiliated to Osmania University)  
Nadargul, Hyderabad - 501510 website: www.mvsrec.edu.in

NAAC ISO

**A Two Day Workshop**  
on  
**Industry Cloud Adoption with Hands-on**

Organised by  
**Department of Computer Science & Engineering**  
in collaboration with  
**Cyber\_ekta**  
Together We Fight...

04-05  
November  
2022

IEEE COMPUTER SOCIETY  
MVSr Engineering College  
Student Branch Chapter

MVSr ACM Student Chapter

Scan to Register

**Venue : CSE Dept**  
**Timings: 10am to 1pm**

IEEE MVSr -CS Chapter Advisor:  
**Mrs B Saritha**  
Associate Professor, CSED

MVSr ACM- Faculty Advisor  
**Mrs N Sabitha**  
Assistant Professor, CSED

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Assistant Professor, CSED

**Mr B Janaiah**  
Assistant Professor, CSED

**Mr B Ranjith Kumar**  
Assistant Professor, CSED

## Event Poster

Dr. G. Kanaka Durga addressed the participants and encouraged the students to fully utilize the workshop. Next, Dr. J. Prasanna Kumar spoke a few words about the importance of such events and workshops. Then, Dr. D. Hari Krishna mentioned about

the events conducted by IEEE, addressed the speaker and handed the session over to the Mr. T. Vidya Sagar.



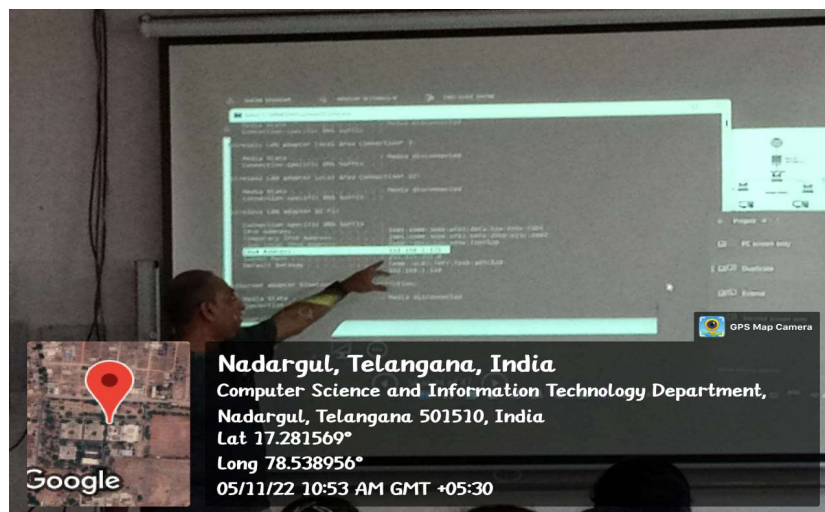
**Dr. G. Kanaka Durga addressing the gathering**

On the first day of workshop, Mr. Vidya Sagar gave a basic introduction on Cloud and talked about the its inception, history and the importance of Cloud in this day and age. The need of hour which is Cloud Adoption by the Industry was also explained. The speaker showed the participants a video clip of Microsoft Cloud Infrastructure Datacentre Tour. A brief information on cloud services such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS) and Anything as a Service (XaaS) was given to the participants. The speaker also taught the various cloud deployment models such as the public cloud, the private cloud, the hybrid cloud and the multi cloud and explained how one can select a specific cloud deployment model based on one's needs.



**Mr. Vidyasagar explaining Cloud History**

On the second day of the session, Mr. Vidyasagar explained about Cloud Network Components and has given the participants a deeper dive into the Microsoft Azure's Virtual Network architecture and explained various concepts in regards to the Azure networks like routing tables and routing rules, Network Security Group (NSG), Application Security Group (ASG) and many more. The participants were also given a rundown on Azure firewall and Azure DNS by the speaker. This was followed by a practical session where the speaker talked about the importance of knowing one's own IP address taught the participants how to find their IP addresses using the command "ifconfig". Later, the participants were also taught subnet calculation for IPv4 both theoretically and practically. At the end of session sir explained about Cloud Subscriptions.



**Mr. Vidyasagar explaining how to use ifconfig**

The workshop ended with a vote of thanks by Mrs. B. Saritha, who thanked Mr. T. Vidyasagar for his sparing his valuable time conducting such an informative workshop about cloud adoption and for giving the participants a base to work on and hone their skills for their career. Mrs. B. Saritha then introduced IEEE-CS ExCom members to the participants and explained the importance and benefits of IEEE and thanked everyone at the venue for attending the event and for their active participation.

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