G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE



for women SHAIKPET, HYDERABAD **IEEE Student Branch**



30-07-2019

President: Dr.K.Ramesh Reddy

Branch Advisor: _{Dr.R.}Balasubramanian

Branch Counselors:

Dr.N.Malla Reddy

Professor and Head, EEE

Renuka Methre

Assoc. Professor, ECE

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Asst. Professor, EEE

Ms. P.Keerthi Chandrika

Asst. Professor, CSE

Ms. Ch. Sravanthi

Asst. Professor, CSIT

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<u>IEEE STUDENT BRANCH</u>

IEEE STB GNITS is organizing an Practical hands on session on "Cloud Computing" 3-08-19 at 11.00-3.30PM

Details of the Event:

Name of speaker: Mr. Rakesh Varade,

Microsoft, Hyderabad

Date & Time: Saturday 3rd August 2019,

11.00AM to 3.30PM

Venue: E-classrom, IT Block

Topic: Cloud Computing Registration fee: FREE

With 20 students from each 3rd sections of CSE & IT depts. Total CSE 60 students & IT 40 Students.

Note: Students have to bring their own laptops.

Further details Contact department coordinators.

Thanking you sir,

Yours Sincerely

Branch counselors:

Dr Renuka Methre

Dr. N. Malla Reddy N. Makely

Dr. K.Ramesh Redo



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Cloud Computing



Cloud Computing

20-01-2024

IEEE SB GNITS organised an One day hands on session on Cloud computing on 03-08-2019, from 9-4pm , in IT computer centre .

Speaker details: Mr Rakesh Varade, Sr Software Engg. Microsoft Hyderabad

Report: Topics covered

- 1. 3 tier architecture
- 2. Distributed computing
- 3. Challenge in non virtualized environment
- 4. Introduction to Cloud computing
- 5. IaaS, PaaS and SaaS
- 6. Virtualization and Hypervisor
- 7. laaS
- 8. Public and Private cloud
- 9. Azure
- 10. Business Continuity and Disaster Recovery in Azure
- 11. Security in cloud: NSG and multi factor authentication

The one-day hands-on session provided a comprehensive exploration of cloud computing. The morning introduced cloud computing fundamentals and service models (IaaS, PaaS, SaaS). Participants engaged in a secure account setup practical exercise. The afternoon focused on virtual machines, IaaS, and hands-on web application deployment. Networking and security configurations were practiced in a subsequent exercise. The evening covered PaaS, SaaS, and real-world applications. The night session had participants deploy a PaaS application, emphasizing infrastructure abstraction. Key takeaways included practical experience, security practices, and insights into cloud flexibility. Feedback highlighted a desire for more in-depth sessions on specific cloud services and advanced topics.

Participated Students: 120

Outcome: The cloud computing session was highly informative and engaging. The hands-on exercises provided practical insights into key concepts, and the clear explanations made complex topics easily understandable. The emphasis on security practices was appreciated, and the real-world application exercises were valuable for reinforcing learning. Students were greatly benefitted with the session. They interacted with the speaker on the further read and development and implementation details.



Dr Benaka Devi S M IEEE SB GNITS Counsellor Dr N. Malla Reddy Vice President

N. Menely

Dr K.Ramesh Reddy Principal PRINCIPAL

G. Narayanamina Institute of Technology & Science (for women) (AUTONOMOUS)
Shaikpet, Hyderabad - 500 104