

INTERNATIONAL WORKSHOP



**Sanjay Ghodawat
University Kolhapur**

Empowering Lives Globally !

(Approved by UGC & Govt. of Maharashtra)

CLOUD AND EDGE COMPUTING

 **28th & 29th December, 2022**

 **10.00 am to 5.00 pm**

Topics to be Covered:-

- 21st century vision of computing and IT paradigms for delivering the vision of computing utilities
- Foundations of Cloud and Edge Computing
- IoT (Internet of Things) Paradigm and its Applications
- Cloud and Edge Computing Platforms and Simulation Tools
- Aneka – Platform for building Clouds and their Innovative Application
- Building Enterprise Clouds using a Network of Computers
- Hands on Experience: Cloud Programming using Threads, Tasks and Map Reduce
- Big Data/Cloud/IoT Application Case Studies: Engineering, Health Care (e.g., COVID-19), Artificial intelligence (e.g, mining COVID-19 research literature for new insights) on elastic Clouds
- Directions for delivering our 21st century vision along with pathways for future research in Cloud, Edge and Quantum Computing.



Prof. Rajkumar Buyya

Prof. Satish Srirama
University of Hyderabad, India

Prof. (Dr).Shashikant Ilager
Vienna University of Technology, Austria

Prof. Chandrasekaran K.
NITK Surathkal, Mangalore

Mr. Shivanand Poojara
University of Tartu, Estonia

LEAD RESOURCE PERSONS:

Director of Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia. He is also serving as the founding CEO of Manjrasoft, a spin-off company of the University. He has authored over 725 publications and four text books including "Mastering Cloud Computing" published by McGraw Hill, China Machine Press and Elsevier / Morgan Kaufmann for Indian, Chinese and International markets respectively. He has been awarded as Highly Cited Researcher 2022.

Founder and Honorary Head of the Mobile & Cloud Computing Laboratory (Mobile & Cloud Lab). His Research is in establishing and studying Private Clouds, Migrating and Adapting Scientific / Enterprise Computing Applications to the Cloud, Mobile Web and Cloud Services, Sensor Data Analysis, IoT and Designing Cloud Economic and Deployment Models.

University Assistant, Vienna University of Technology (TU Wien), Austria. His research areas are Cloud Computing and Information Systems, Distributed Systems, Test Automation Tool using Multithreading and Distributed Cyberinfrastructure using NIS and NFS.

Senior Professor of CSE at NITK Surathkal, Mangalore having 35 years of experience. His research works are in the domains of Software Engineering, Cloud Computing and Computational Intelligence.

Research Fellow in Mobile & Cloud Computing, University of Tartu Estonia. Working as a Junior Research Fellow in BigData. His Research topic is "Scalable Serverless Data Pipelines for IoT applications". Worked on Cloud DevOps technologies like OpenStack, AWS, SFDC and Google Cloud. Data processing tools such as Apache NiFi and Apache Spark.

Registration Link: <https://forms.gle/bgoqzLmVtTLAUoNM7>

Coordinators ▶ Mrs. Deepika Patil, **Mob. 7219104454** | Ms. Surabhi I. Gaikwad, **Mob.: 9021720208**

www.sanjayghodawatuniversity.ac.in