Mahajana Education Society (R)
SBRR Mahajana First Grade College (Autonomous)
Affiliated to University of Mysore
Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence
Post Graduate Wing
Pooja Bhagavat Memorial Mahajana Education Centre
K R S Road, Metagalli, Mysuru – 570 016
MSc Computer Science and MCA

Date: 27th and 28th December 2023

Interactive Session on Cloud Computing - Importance of Data Centers & Industrial Visit to Vigyan labs Innovations Private Limited, Mysuru.

Purpose and Scope of the Event: This initiative aims to provide students with a firsthand understanding of cutting-edge technologies in data management and cloud computing. The interactive session sought to bridge the gap between theoretical knowledge and practical application, offering valuable insights into the dynamic world of technology, data storage, and cloud-based services. The objective of an industrial visit is to provide students with an insight into the corporate world. Industrial visits provide students an insight into the real working environment, workstations, machines, systems, and interact with highly trained and experienced personnel. Students get to learn a lot of things that will help in their development and also for the future.

About the event: On the 27th and 28th of December 2023, the MSc Computer Science and MCA departments of Pooja Bhagavat Memorial Mahajana Education Centre, Post Graduate Wing of SBRR Mahajana First Grade College, Mysore, Karnataka collaboratively orchestrated a compelling interactive session and industrial visit focused on data centres and cloud computing at Vigyan Labs.

On December 27, 2023, the industrial visit to Vigyan Labs commenced with an interactive session at 12:00 pm. Mrs. Rachana C R, Associate Professor & Head, introduced the resource person, marking the beginning of a two-day event.

The joint effort demonstrated a commitment to fostering experiential learning, equipping students for the ever-evolving landscape of the IT industry, with a specific focus on data centres and cloud computing technologies.

During the interactive session of the industrial visit to Vigyan Labs, the students had the privilege of engaging with Mr. Vijayanand Gurudev as the resource person. With over two decades of experience in the IT industry, Mr. Gurudev provided an insightful discourse on essential components of data centers, delving into the intricacies of routers, servers, networks, and topologies. His expertise illuminated the functioning of these critical elements, offering students a comprehensive

understanding of the underlying technologies that power the data management and cloud computing. Mr. Gurudev's informative session not only enriched the students' knowledge but also provided practical insights into the operational aspects of modern data centres, enhancing their appreciation for the complexities involved in managing vast amounts of data in the contemporary IT landscape.

During the industrial visit to Vigyan Labs, the students gained invaluable insights into the operational intricacies of the facility. Exploring the heart of the data centre, participants learned about the seamless orchestration of servers, networks, and an innovative solar UPS system employed by Vigyan Labs to minimize electricity usage. The revelation of employing solar UPS not only underscored the company's commitment to sustainability but also showcased their dedication to eco-friendly practices.

The visit further highlighted Vigyan Labs' robust security measures with the use of SIEM (Security Information and Event Management) protocols, ensuring the integrity and confidentiality of the data stored. Additionally, the revelation of Vigyan Labs having two branches in Mysore and Pune illuminated the company's expansive footprint and regional impact in providing cutting-edge data centres solutions. The industrial visit provided a holistic understanding of the advanced technologies and eco-conscious practices employed by Vigyan Labs in shaping the landscape of data centres.

Brief Profile of the resource person: With over 23 years of experience in the IT industry, Vijayanand Gurudev stands as a notable Co-Founder of 1by0GRIT, eEshavasya, Rananeethi, and DesiCloud. Having run his first software company from December 2002 to April 2004, Gurudev demonstrated entrepreneurial prowess, focusing on software modules that significantly expedited the development process for SME manufacturers in Bangalore. Beyond software, he possesses two years of operational experience at an LPG plant with a substantial annual capacity of 53,000 Metric Tonnes. His professional specialties include Program Management, Operations Management, and Data Analytics, reflecting a diverse and impactful career.

Number of participants: 64 students, 6 faculty members, 3 laboratory staff.

(Dr. B. R. Jayakumari)
Principal

PRINCIPAL
Smt. Bhagyalakshmamma Rattehalli Ramappa
Mahajana First Grade College (Autonomous)
Jayalakshmipuram, MYSURU-570 012

IQAC Co-ordinator

(Mrs. Rachana C R)
Event Co-ordinator

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VIGYANLABS INNOVATIONS PRIVATE LIMITED
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