Activity Report Activity

Microsoft Azure Certification Programme conducted in association with Magic Bus Foundation

Academic Year: 2023-24

Aim / Objective

The primary aim of the Microsoft Azure Certification Programme is to equip students with the knowledge and technical expertise needed to work with Microsoft Azure, a leading cloud computing platform. By achieving certification, participants gain the ability to design, implement, and manage cloud-based solutions effectively. The programme aims to provide a structured pathway for IT professionals to gain industry-recognized certifications that enhance their employability, career prospects, and salary potential in the growing field of cloud technology. The certification programme seeks to bridge the gap between theoretical knowledge and practical application by offering hands-on labs and real-world scenarios. This approach helps learners develop problem-solving skills in the context of cloud services. The certification programme helps participants understand and apply Microsoft Azure's best practices for security, governance, scalability, and performance optimization, ensuring they are well-versed in industry standards. To equip participants with core competencies in Microsoft Azure services, such as Azure Virtual Machines, Azure Storage, Azure Networking, and Azure Active Directory, ensuring they can configure, manage, and deploy Azure-based solutions. To help participants design and implement cloud-based infrastructures, focusing on high availability, disaster recovery, and security in cloud environments. To enable certified professionals to share their Azure expertise with colleagues and teams, contributing to the development of a cloud-savvy workforce within an organization.

In order to certify our students and get an exhaustive knowledge and certification on Microsoft Azure Program, the college in association with Magic Bus Foundation India Ltd conducted 3 months "Microsoft Azure Training Program" exclusively for interested postgraduate students of - M.Sc. (Computer Science), M.Sc. (Computer Application). from 29/01/2024 to 29/03/2024.

Implementation & Execution

Initially, we submitted the proposal for conducting the Microsoft Azure Certification Training Program for postgraduate students & got it sanctioned from College Principal. After thorough discussion with Mrs. Poonam Singh Project Manager, Azure CSR Accenture, a working professional having in-depth domain knowledge of Microsoft Azure Certification and under her able guidance, we designed a short & inclusive syllabus for the program. We decided to conduct this training program in offline mode with limited audience size, by considering the infrastructure & disciplinary parameters. Hence, we invited and accepted registration of students by sending Google Form link & allowed first 100 students to participate in the program. The activity continued for 90 days, 4 hours per day from 8.00 am to 12 pm from Monday to Friday except government holidays.

Initially, the informative sessions were conducted by Mrs. Poonam Singh, to make students aware of key concepts so that students can understand the importance and enrol for the program. The Microsoft Azure certification program offered students with key learnings in core

cloud concepts such as virtualization, networking, and cloud architecture. Students gained hands-on experience in deploying, managing, and securing cloud-based applications using Azure services. The program introduced advanced topics like AI, machine learning, and data analytics, equipping students with future-ready skills. It also emphasized on cost management and security best practices, ensuring students understand how to build efficient and secure cloud solutions. Additionally, students learnt about Azure DevOps, enabling them to integrate development and operations workflows for continuous delivery and collaboration.

Students' Feedback: The participating students were happy and satisfactory with the conduction of such an activity by the college for students. They provided their enthusiastic and valuable feedback orally, as well as by filling the feedback forms on the last day of the activity. The students who could not this training program requested to organize a similar activity for them in due course of time.

Outcome: Microsoft Azure certification programs provided foundational knowledge and hands-on experience in cloud computing technologies. Completing the program enhanced students' technical skills in areas such as AI, data analytics, and cloud development, aligning with industry standards. It boosts employability by demonstrating expertise with widely-used Azure tools and platforms, making students attractive to potential employers. The program included access to resources like learning modules, mentorship, and opportunities for real-world projects, fostering both knowledge and confidence. Overall, earning an Azure certification empowered students to excel in technology-driven roles and pursue advanced certifications or specialized career paths in cloud computing. 15 students were certified by Microsoft Azure Certification (AZ 900 Global Certification) after clearing the global examination.

Training & Placement Officer
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1.2.2 Number of Add on /Certificate programs offered during the year

Activity Report

Activity: Cyber Security Awareness Programme Academic Year: 2022-23

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1. Aim / Objective -

- We witness the increasing use of the internet and digital devices for daily tasks like communicating with each other, accessing sensitive data, personally identifiable Information (PII), intellectual property data, governmental or financial services, and working and learning remotely.
- **The extensive use of digital devices and sharing information online can open us up to various cyber security attacks.** Understanding how to protect ourselves from these dangers is crucial & need of the time. The best way to fight Cyber crimes is through awareness and prevention.
- Security awareness training helps to raise awareness of cyber security threats, reduce the risks associated with cyber attacks and embed a culture of security compliance in your organization.
- In order to educate our students and staff about common cyber threats like social engineering scams, phishing, ransomware attacks and other malware designed to steal important data, the college organized a 10 days ***"Cyber Security Awareness Training Program"*** exclusively for undergraduate students of all streams - B.Sc. (Computer Science), B.Sc. (Animation) & B.Com. from 20/02/2023 to 03/03/2023.

2. Implementation & Execution

- Initially, we submitted the proposal for conducting Cyber Security Awareness Training Program for undergraduate students & got it sanctioned from College Principal.
- After thorough discussion with Adv. Mr. Hrishikesh Joshi, a working professional having in-depth domain knowledge of Cyber Law & Security, and under his able guidance, we designed a short & inclusive syllabus for the program.
- We decided to conduct this training program in offline mode with limited audience size, by considering the infrastructure & disciplinary parameters. Hence, we invited and accepted registration of students by sending Google Form link & allowed first 100 students to participate in the program.
- The activity continued for 10 days, 3 hours per day, in daily 2 sessions, 1st session from 8.00 am to 9.30 am & 2nd from 9.40 am to 11.15 am.

- Initially, the informative sessions were conducted by Adv. Hrishikesh Joshi, to make students aware of key concepts, like Concept, importance & need of cyber security, computer contaminants, like virus, worm, trojans, password & network security, reasons and types of cyber crimes etc.
- On the concluding day, We had invited a special Cyber Expert & Advocate Dattatray Dhainje, having 7 years in Cyber Law Field & helping in Cyber crime Investigation to various Police stations across Maharashtra, to conduct demonstrative session based on the terminologies learnt in first few days of Training program.
- After the completion of entire program, students were evaluated on Assignment and Multiple Choice Questions based Test, to understand whether we were able to reach to the students and whether they have obtained a minimal knowledge to protect themselves from any unforeseen cyber attacks and make their parents, relatives & friends aware of the same.

3. Students' Feedback

- The participating students were happy and satisfactory with the conduction of such an activity in the college for students. They provided their enthusiastic and valuable feedback orally, as well as by filling the feedback forms on the last day of the activity.
- The students who could not this training program requested to organize a similar activity for them in due course of time.

4. Outcome

- The participating students got to know right from the symptoms & threats of cyber space up to the precautionary & preventive measures that common man should take.
- Due to limited time constraints, we could not cover each & every minute aspects of this vast topic of "Cyber Security Awareness", but the entire activity proved to be thought provoking & made students to explore the topic further on their own.

PVG's College of Science, Pune-9

REPORT ON TRAINING PROGRAM FOR PLACEMENTS

Date **:22thFeb to 3rd March2023**

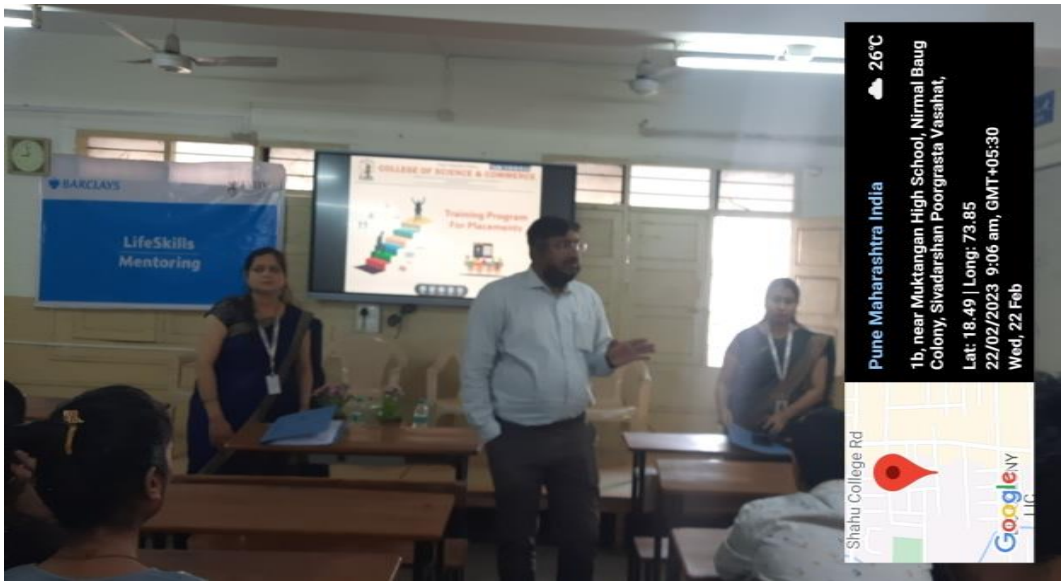
Venue **:Classroom-II**

Attendedby **: TYBSC CS and SYMSC CS/CA students**

The Eight days Training Program for Placements Program was held from 22th Feb to 3rd March2023 at Classroom-II and wasconductedbyIAHV (International association of human values) Training Expert Neha Bhosale and Subject Expert Faculties for Technical Round Preparations . Nearly67 studentsof TYBSC CS attended theseclasses.

The base line of these Training was to improve the communication skills and soft skills of the students and to extract their hidden talent of speaking by conducting extempore, group discussions and many more classroom activities. Communication skills like ***listening, speaking,reading,and writing*** were well trained by many lectures within Eightdays.

Pictures of Inauguration Of Training and placement Program



Activity Report

Activity: Soft Skills Development Program Academic Year: 2019-20

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1. Aim / Objective -

- Develop effective communication skills (spoken and written).
- Develop effective presentation skills.
- Conduct effective business correspondence and prepare business reports which produce results.
- Become self-confident individuals by mastering interpersonal skills, team management skills, and leadership skills.

2. Implementation & Execution

- The program was planned and scheduled with prior permission from higher authority, viz. Principal, PVGCOS.
- Few sessions were conducted by in-house faculty members, few by alumni of the college, whereas some sessions were addressed by experts in that domain.
- During conduction of the program, team building activities were conducted to strengthen the bond within the team. The members in the teams were shuffled periodically to help students work with different mindsets.

3. Students' Feedback

- The participating students were happy and satisfactory with the conduction of such an activity in the college for students. They provided their enthusiastic and valuable feedback orally.
- The students who could not attend this training program requested to organize a similar activity for them in due course of time.

4. Outcome

Soft skills learning outcomes covered

- communication
- teamwork
- critical thinking
- adaptability
- time management
- leadership
- emotional intelligence
- conflict resolution.