



MALLA REDDY COLLEGE OF ENGINEERING

(Approved by AICTE-New Delhi, Affiliated to JNTUH-Hyderabad)

Recognised under Section 2(f) & 12(B) of the UGC Act 1956,

An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Infosys Springboard

A Report on

A Student Enablement Program (SEP)

Organized by

MRCE -Industry Institute Interaction Cell,

in

Collaboration with

INFOSYS SPRINGBOARD

(18th to 20th September 2024) (25th to 27th September 2024)

1. Introduction to Infosys Springboard

Infosys Springboard is a program designed by Infosys to bridge the gap between education and industry requirements. It equips students with skills in emerging technologies like AI, cloud computing, and cyber security. The program offers hands-on experience, problem-solving skills, and a strong foundation for a successful tech career. By partnering with universities worldwide, Springboard provides students with online courses, mentorship, and internships to stay ahead in the rapidly changing digital landscape.

2. The Springboard to Entrepreneurial Excellence: Powered by Infosys

1. **Developing entrepreneurial skills:** Students are eager to learn the fundamentals of entrepreneurship, including market research, business planning, and financial management.
2. **Gaining practical experience:** Participants want to apply theoretical concepts to real-world problems and gain hands-on experience in starting and running a business.
3. **Networking opportunities:** Students expect to connect with like-minded individuals, mentors, and potential collaborators who can support their entrepreneurial ventures.
4. **Access to resources:** Participants anticipate access to resources such as funding, mentorship, and infrastructure to help them turn their ideas into reality.
5. **Personal growth:** Students

3. Main Objective of Infosys Springboard

The main goal of Infosys Springboard is to help people (students, young adults, and even adults) develop the skills they need to succeed in their careers and personal lives. This includes:

Digital Skills: Learning new technologies and tools to make them job-ready in the digital age.

Life Skills (Soft Skills): Developing essential skills like communication, teamwork, time management, problem-solving, and more to be successful in life.

By achieving these objectives, Springboard aims to bridge the gap between early education and employment, empowering learners to reach their full potential and thrive in the modern workforce.

4. Springboard Certification Program: Python Programming Technical Session and Proctored Certification Guidelines

A. Technical Session:

- 1) The technical session is 6 days long and is focused on Python Programming
- 2) Each session is 2 hours long, followed by a self-assessment.
- 3) To pass the self-assessment, students must score 60% or above.

B. Proctored Certification:

- 1) After completing the 6-day technical session, students will take a proctored certification.
- 2) The deadline to complete the proctored certification is 17th OCT - 2024.
- 3) To pass the proctored certification, students must score 65% or above.
- 4) If students do not pass in the first attempt, they can retry after a 15-day cool-off period.
- 5) There is no limit to the number of attempts, but each attempt will have different questions.

C. Certification Process:

- 1) To take the proctored certification, students must have a good internet connection and a camera. Proctored certification cannot be taken on a mobile phone.
- 2) Before taking the certification, students must follow the rules.
- 3) After passing the proctored certification, students can generate their certificate and wait for 24 hours to view it.

D. Retake Policy:

- 1) If students do not pass the certification, they can wait for 15 days to reappear.
- 2) No participation certificate will be provided if students do not pass the certification.

E. Support:

- 1) For technical questions, students can email "Springboard-support@infosys.com".
make a good title for above information

5. Program Overview

1. Malla Reddy College of Engineering (MRCE) recently conducted a "Student-Enabled Program" (SEP), a certification course in Python Programming. The first batch of the program was held from 18th to 20th September 2024, between 2:00 PM and 4:00 PM. The second batch took place from 25th to 27th September 2024, also from 2:00 PM to 4:00 PM. This program was a collaborative effort between the MRCE Industry Institute Interaction Cell (IIIC) in association with INFOSYS SPRINGBOARD.
2. This certification course in Python Programming aimed to provide students with in-depth knowledge and skills in the field of programming.

The Session Details of Python Programming:

PFB, the session details for Python Programming:

Date	18th -20th September 2024 (Batch 1)
Timing	2:00PM to 4:00PM
Webex Meeting Link	https://infosys.webex.com/infosys/j.php?MTID=mc1539ce90e0a685505bf4851f0724c8c
Meeting number	2511 877 2364
Password	Infy123
Topic 1	Programming Fundamentals using Python - Part 1
Subtopics	<ul style="list-style-type: none"> • Introduction of Python, • Variables, Datatypes, • Operations in Python, • Introduction to Functions, • Selection Control Structures, • Iteration Control Structures, • Tuple in Python, String in Python, Dictionary in Python, Sets in Python, • Debugging, • Libraries & Functions in Python
Topic 2	Programming Fundamentals using Python - Part 2
Subtopics	<ul style="list-style-type: none"> • Functions-Arguments, • Variables & scope, • handling in python, recursion, • Modules and Packages, • File handling in Python

Date	25th -27th September 2024 (Batch 2)
Timing	2:00PM to 4:00PM
Webex Meeting Link	https://infosys.webex.com/infosys/j.php?MTID=mb0336003b0126007ae5e404adf8cff72
Meeting number	2529 424 2787
Password	Infy123
Topic 1	Programming Fundamentals using Python - Part 1
Subtopics	<ul style="list-style-type: none"> • Introduction of Python, • Variables, Datatypes, • Operations in Python, • Introduction to Functions, • Selection Control Structures, • Iteration Control Structures, • Tuple in Python, String in Python, Dictionary in Python, Sets in Python, • Debugging, • Libraries & Functions in Python
Topic 2	Programming Fundamentals using Python - Part 2
Subtopics	<ul style="list-style-type: none"> • Functions-Arguments, • Variables & scope, • handling in python, recursion, • Modules and Packages, • File handling in Python

4. Objectives and Outcomes:

1. The primary objective of our college's Springboard program is to provide a platform for students to gain practical experience, develop their entrepreneurial skills, and explore their innovative ideas.
2. The program aims to foster a culture of innovation, creativity, and risk-taking among students, ultimately enabling them to become future leaders and change-makers in their respective fields.

5. Background, Motivation, and Expectations from the Program:

1. Our students come from diverse backgrounds, with varying levels of entrepreneurial experience and exposure.
2. Many students are motivated to start their own businesses or work in startups, while others seek to develop skills that will enhance their employability.

6. Program Structure (18th to 20th September 2024)

Batch-1(Timings: 2:00 PM to 4:00PM)

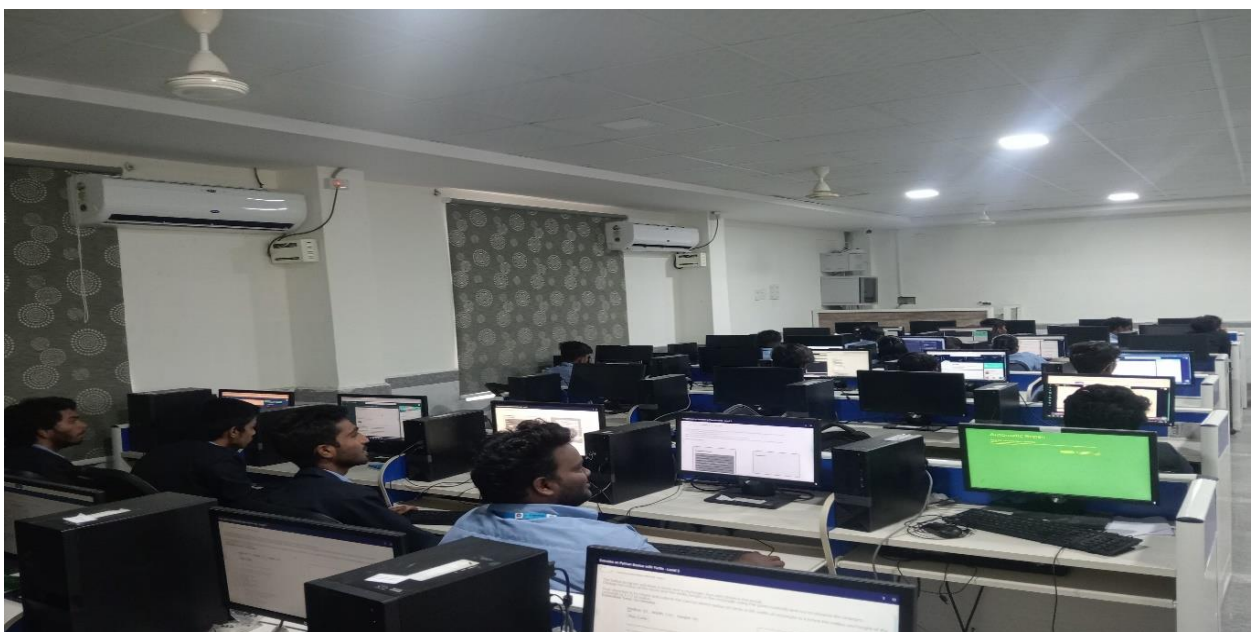
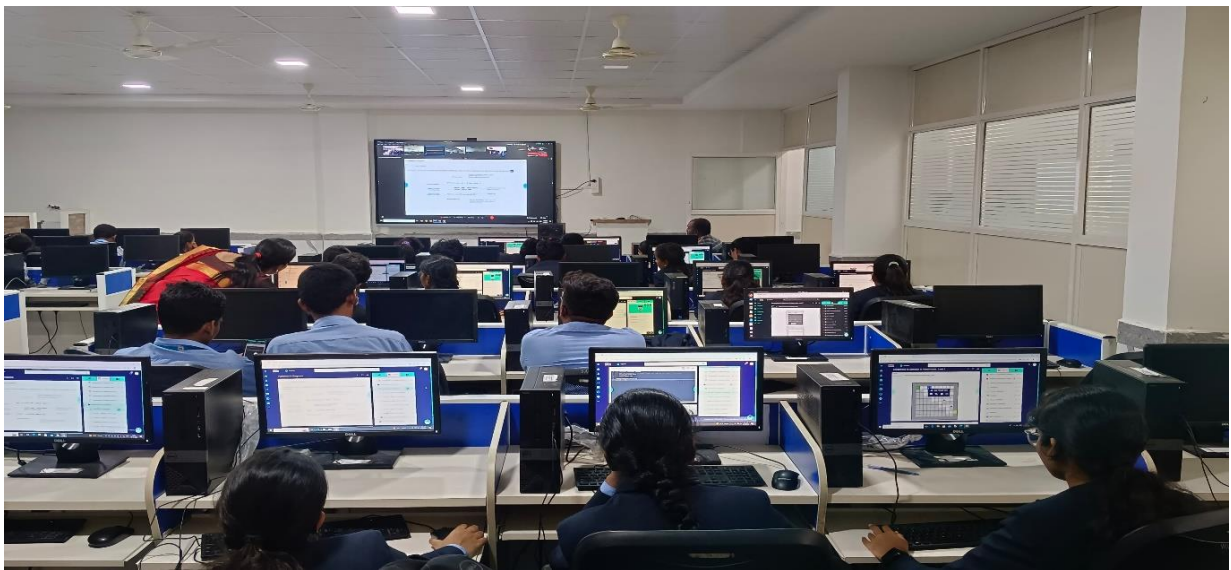
S. No	Date of Event	Name of the Session	Number of Students Attended	Number of Hours
1	18.09.2024	Python Programming	48/60	2h
2	19.09.2024	Python Programming	48/60	2h
3	20.09.2024	Python Programming	48/60	2h

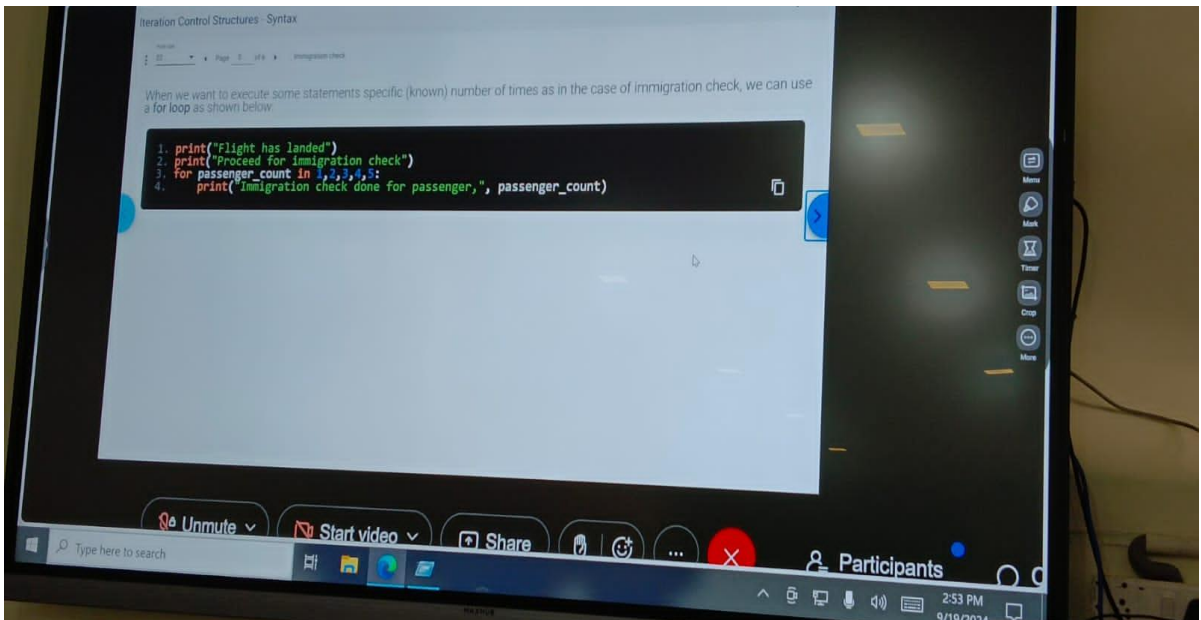
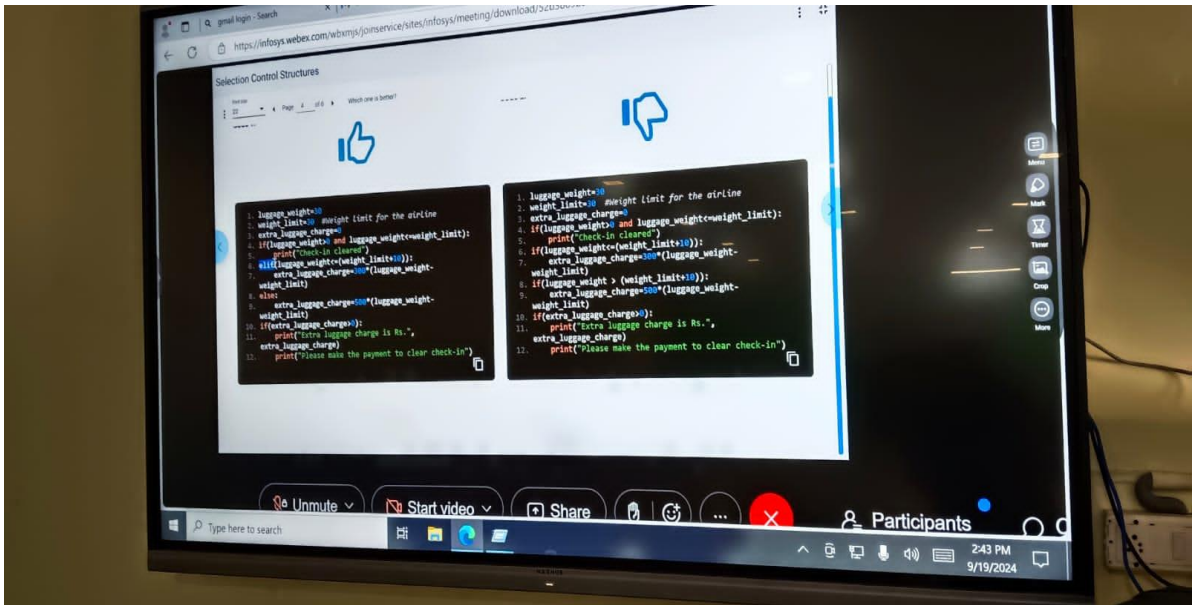
Program Structure (25th to 27th September 2024)

Batch-2 (Timings: 2:00 PM to 4:00PM)

S. No	Date of Event	Name of the Session	Number of Students Attended	Number of Hours
1	25.09.2024	Python Programming	43/60	2h
2	26.09.2024	Python Programming	43/60	2h
3	27.09.2024	Python Programming	38/60	2h

7. Student attended Session Photos:







8. Comprehensive Learning Experience

1. The program was structured to provide a comprehensive learning experience, combining lectures with various Python coding exercises.
2. The program comprised a total of six sessions held over six days, divided into two batches, with each session lasting two hours. The attendance rate was nearly 100% across all students. The lectures, delivered by experts from Infosys, were highly engaging and provided in-depth insights into Python programming, with a strong focus on coding exercises.

3. The Python programming exercises are clearly explained with visual representations to help students understand and follow along easily.

9. The role of instructors/facilitators:

Team of IIC worked with the department coordinators and students to organize a 6-day online learning program. He made sure everyone attended all the sessions and responded to any questions the lecturers had. The department coordinators also provided helpful guidance and advice throughout the program.

10. Conclusion:

Our students benefited greatly from the online sessions provided by Infosys Springboard. They attended all the sessions on Python Programming covered all exercises. They also took the assessment test and did well. Our students learned these subjects easily. Our principal sir gave permission for these innovative online sessions. The program coordinator worked closely with all department coordinators and students to make it successful. We would like to thank the college management, our principal, Infosys Springboard authority, and teachers for their support.

11. Appendices

A. List of resources used:

We provide our students with:

- a) A large screen LCD Color TV (monitor) for better visualization of slides.
- b) High-quality microphones for clear audio settings
- c) A well-equipped Research and Development lab with advanced facilities
- d) Comfortable seating arrangements with good furniture to ensure a pleasant learning experience.

Coordinators

Dean IIC/EDC

Principal