

## Visionaries

Dr.S.B.Mujumdar

Chancellor, Founder & President, SIU

Dr. Vidya Yeravdekar

Pro-Chancellor & Principal Director, SIU

Dr. R. Raman

Vice Chancellor

## Convenor

Dr. Rajanikanth Aluvalu

Director- SIT HYD

## Coordinator

Mr. Pallati Narsimhulu

Asst. Prof. Dept of CSE

## Co-Coordinator

Dr. M.santhosh Kumar Goud

Asst. Prof. Dept of CSE

## Organizing Committee

Dr. Sriram Kumar P

Assistant Professor

Dr. Shshank Chaube

Assistant Professor, Mathematics

Dr. Mohmad Ausif Padder

Assistant Professor, Mathematics

Dr. Akash Sharma

Assistant Professor, Physics

Dr. Amulya Prasad Panda

Assistant Professor, Chemistry

Dr. Dhruba Jyoti Bora

Assistant Professor, ECE

## Eligibility criteria to Register

FOR ALL THE B.TECH STUDENTS

## Registration Fee - NIL

## For any queries please contact

Mr. Pallati Narasimhulu (Asst. Prof. Dept of CSE)

Email ID: pallatinarsimhulu@sithyd.siu.edu.in

Mobile No: 9866777555



**SYMBIOSIS INSTITUTE OF TECHNOLOGY, HYDERABAD**

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of India)

Re-Accredited by NAAC with "A++ Grade"



## A Five day Bootcamp

on

## "Robotic Process Automation"

January 6th - 11th, 2025



Organized by

Department of Computer Science and Engineering  
in Association with



National Institute of Electronics & Information  
Technology (NIELIT), Aurangabad

## ABOUT THE INSTITUTE

Symbiosis Institute of Technology (SIT) Hyderabad is one of the best engineering colleges in Hyderabad established in 2024 inheriting splendid novelty, dynamism, and excellence in education. It is nurtured by the visionary ideas of Dr. S.B. Mujumdar, Chancellor (Symbiosis International University) on the principles of vedic thought 'Vasudhaiv Kutumbakam' which means 'World as One Family.' Symbiosis Institute of Technology, Hyderabad is a member of Symbiosis International University, Pune.

Hyderabad is one of the best places in central India for technical engineering education, topping livability, biodiversity, public transportation, and health care indexes. SIT, Hyderabad currently offers B. Tech Programmes in Computer Science and Engineering, Computer Science and Technology, Computer Engineering and Artificial Intelligence and Machine Learning Being among the league of the best engineering colleges in Hyderabad, SIT strives to deliver high-quality technical education that meets the needs of today's competitive industry while utilizing cutting-edge technologies. The Institute's curriculum emphasizes fundamentals and current advancements. Recognizing the importance of faculty, particular efforts have been made to employ highly qualified and competent professors.

SIT Hyderabad has emerged with a "state-of-the-art infrastructure" with outstanding amenities for its students. Its pollution-free campus features plenty of open space as well as a diverse range of academic, sporting, and cultural amenities. Through systematic and effective planning and supervision of the teaching-learning process, both inside and outside the classroom, the Institute will create an atmosphere favorable to maximizing the potential of both teachers and students. Techfests, cultural programs, sports contests, industry-institute meetings, guest lectures by recognized individuals, and student exchange programs with international institutions will complement the fundamental teaching learning process.

## ABOUT THE DEPARTMENT

B. Tech (Computer Science and Engineering) is a full-time four-year graduation programme, which aims at transforming a student into a technically sound professional. The syllabus contains courses on basic sciences, technical arts, humanities & liberal arts and professional courses. The mix of these courses has been evolved with an aim to produce professionals who have knowledge not only of Engineering but who are good managers to contribute in a cross-functional team and have human values. Being a professional programme it ensures a healthy balance between theoretical foundation and practical exposure to the present world. The emphasis is to develop all round personality that would enable the students to take up the challenges of the corporate world and also become responsible citizens of the society.

## ABOUT NIELIT

NIELIT Aurangabad stands as a leader in electronics and IT education, known for its dedication to academic excellence and innovative practices. The institute fosters a supportive environment that nurtures technical skills and knowledge advancement. It plays a pivotal role in shaping future-ready professionals equipped with cutting-edge expertise. Renowned for its impactful educational approach, NIELIT Aurangabad inspires growth and success in the field of technology.

## OBJECTIVES

- **Understand RPA Fundamentals:** Equip participants with essential knowledge of Robotic Process Automation (RPA), specifically using Automation Anywhere (AAW).
- **Hands-on Experience:** Provide practical exercises to develop automation solutions involving files, folders, Excel automation, string operations, email automation, and web extraction.
- **Advanced Tools:** Introduce participants to advanced RPA tools such as IQ Bot, Discovery Bot, and triggers in AAW.
- **Error Handling:** Teach error-handling techniques within automation workflows.

## TOPICS

- Introduction to RPA Using Automation Anywhere (AAW)
- Excel Automation
- String Operations
- Email Automation
- Web Extraction

## RESOURCE PERSONS

- All sessions are conducted by experts from NIELIT
- Certificates are provided to participants in RPA with credentials from MEITY and NIELIT upon successful completion and assessment.
- Live MCQ-based assessment exam will be conducted to evaluate theoretical and practical knowledge gained during the bootcamp.

## BOOTCAMP VENUE & TIMINGS

- All sessions are conducted at Computer Centre, Ground Floor, Academic Block.
- Sessions are from 09:30 AM to 12:30 PM and 2:00 PM to 3:00 PM



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## National Institute of Electronics and Information Technology, Aurangabad

Future Skills Prime” Robotic Process Automation”

<b>Course Code:</b>	FSP/RPA/2024/BCMP	<b>Course Name:</b>	Robotic Process Automation.
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**Course Schedule: 5 day Bootcamp on Robotics Process Automation**

### **Detailed Syllabus**

Sr. No.	Topic	Practical/ Demonstration	Speaker & Support
Day 1: 06-01-2025 (Mon Day)	Introduction to Automation Anywhere: Architecture and Components, Control Room, Bot Creator and Bot Runner	4Hrs	Yogesh Shejwal and Ankur
	Basic Bot Creation: Task Bots, Meta Bots, IQ Bots	4 Hrs	
Day 2: 07-01-2025 (Tues Day)	Automation Anywhere Activities: Recorders (Smart Recorder, Screen Recorder, Web Recorder)	4 Hrs	Yogesh Shejwal and Ankur
	Automation Anywhere Activities: Variables and Loops and Error Handling	4 Hrs	
Day 3: 08-01-2025 (Wed Day)	Introduction to UiPath Studio. Installation of UiPath and Basic Flowchart, Sequence, State Machines etc.	4Hrs	Shraddha and Nilakshi
	Types of RPA Bots: Attended Bots, Unattended Bots and Hybrid Bots	4 Hrs	Shraddha & Nilakshi
Day 4: 09-01-2025 (Thurs Day)	Basic Activities in UiPath: Variables and Arguments, Control Flow (If, Switch, Loops), Data Manipulation	4Hrs	Shraddha and Nilakshi
	Working with Excel and PDFs: Excel Automation, PDF Data Extraction	4 Hrs	Shraddha and Nilakshi
Day 5: 10-01-2025 (Fri Day)	Selectors and UI Automation	4 Hrs	Shraddha and Nilakshi
	Web Scraping with Data Service Integration	4 Hrs	Shraddha and Nilakshi
<b>Live MCQ (theory + practical) based assessment exam</b>			
<b>Total Hours:</b>		40 hours	

Yogesh Shejwal: yogeshshejwal83@gmail.com Shraddha

Wangujare: wangujareshraddha@gmail.com