

PANIMALAR ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UI-NIQUE AUTOMATORSCLUB

Year & Month of Establishment: 14th November 2022

Objective:

A UI-NIQUE AUTOMATORS Club for engineering undergraduate student aims to:

- **Enhance Automation Skills:** Provide hands-on workshops and collaborative projects to help students develop and refine their skills in Robotic Process Automation (RPA).
- **Foster Innovation:** Encourage the exploration and advancement of RPA technology to push the boundaries of automation and innovation within the club.
- **Prepare for Future Opportunities:** Organize sessions with industry experts to empower students with knowledge and skills, preparing them for a tech-driven future in the field of automation and technology

Targeted Audience: Students Interested in Automation Process

Outcomes

1. **Proficiency in RPA Tools and Techniques:** Students gain practical experience and become proficient in using various RPA tools and techniques through hands-on workshops and collaborative projects.
2. **Innovative RPA Solutions:** The club produce innovative RPA solutions that address real-world problems, showcasing the creative and technical abilities of its members.
3. **Career Readiness in Automation:** Students will be well-prepared for careers in automation and related fields, equipped with industry-relevant knowledge and skills gained from expert sessions and practical experiences.

Faculty Coordinators

- **Dr. P.J Sathish Kumar, Professor/CSE**
- **Dr. V. Sathiya, Professor/CSE**

Student Coordinators

- **President - Ms. Shahanaaz .S III Year CSE**
- **Creative Head - Mr. Laxman RU IV Year CSE**
- **Editorial Head - Ms. VatturiHarshita IV Year CSE**
- **Technical Lead - Mr. Raj Kumar B III Year CSE**

Academic Year 2024-25 (ODD SEMESTER)

UI-NIQUE AUTOMATORS CLUB ACTIVITIES

S.no	Activities	Topics	No. of Participants	Date	Resource person
1.	Club Activities	4-th Weekly Meetup of the Unique Automators RPA Club	16	15.07.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
2.	Club Activities	5-th Weekly Meetup	26	16.07.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
3.	Club Activities	Automation Literacy Week	305	17.07.2024 - 24.07.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
4.	Club Activities	UiPath Community Meet-Up	6	27.07. 2024	Mr. Nithin Krishna Technical Lead, AI and Automation -Speridian Technology, UiPath Community, MVP Mr. Palaniayappan UIPath Global Forum Leader Mr. Jobin Technical Accounts Manager
5.	Club Activities	6-th Weekly Meetup	39	02.08.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
6.	Club Activities	7-th Weekly Meetup	40	21.08.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
7.	Club Activities	8-th Weekly Meetup	42	13.09.2024	Ms. Shahanaaz .S Mr. Laxman RU Ms. Vatturi Harshita Mr. Raj Kumar B
8.	Club Activities	Virtual Expert Session	82	17.09.2024	Mr. Nithin Krishna Technical Lead, AI and Automation -Speridian Technology, UiPath Community, MVP Ms. Sneha Vijayan RPA Automation Assoiicate, AI and Automation -Speridian Technology, UiPath Community, Enthusiast
9.	Competition	Hack-A-Bot 2024	35 teams(80 Participants)	25.09. 2024	Ms.LalasaMulakaluri Automation Architect ,Indium Software Ms.Swakatha Senior Sales Engineer UiPath

1. 4-th Weekly Meetup of the Unique Automators RPA Club



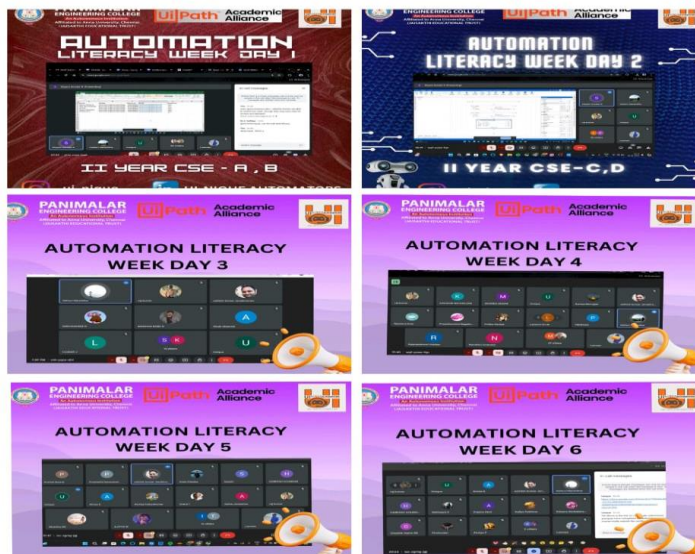
The 4th Weekly Meetup of the Unique Automators RPA Club on July 15, 2024, featured a review of student progress, a demonstration of an automatic certificate generation bot by Shyam, and discussions on social media roles, recruitment plans, and preparations for the Hackabot event. The meeting concluded with a strong emphasis on member involvement and upcoming tasks to enhance the club's impact and teamwork.

2. 5-th Weekly Meetup



On July 16th, 2024, the Unique Automators RPA Club held its 5th weekly meetup at Panimalar Engineering College, featuring key presentations on AI-integrated RPA for spam detection by Nilani and an overview of UiPath Studio by Shahanaaz, highlighting its features and differences from StudioX. The session also covered the Hack-a-Bot event, role assignments for content creation, and preparations for the UiPath community meetup on "AI with RPA: The Future of Work."

3. Automation Literacy Week



Panimalar Engineering College hosted Automation Literacy Week from July 17th to 24th, 2024, under the guidance of Dr. L. Jabasheela and UiPath Community coordinators, featuring an overview of RPA, a demonstration of UiPath Studio by Shahanaaz, and practical applications like Shyam's automatic certificate generation bot. The event also included discussions on membership criteria for the UniqueAutomators and the upcoming global Hackabot event, successfully raising awareness and enthusiasm for RPA technologies among second-year students.

4. UiPath Community Meet-Up



On July 27th, 2024, the UniqueAutomators RPA Club attended the UiPath Community Meet-Up at Tecci Park, Chennai, led by President Shahanaaz and team members, where they participated in expert sessions on advanced RPA topics from UiPath MVPs Nitin Krishna, Palaniyappan, and Jobin, along with engaging icebreakers and quizzes. The event fostered collaboration with St. Joseph's College, and President

Shahanaaz's win of a cool goodie energized the team, leaving them inspired with valuable insights to further their RPA journey.

5. 6-th Weekly Meetup



On August 2nd, 2024, Panimalar Engineering College, guided by Dr. L. Jabasheela and the Ui-nique Automators RPA Community, hosted an engaging session at CC2 to integrate second-year students into the club, featuring hands-on demos by President Shahanaaz and presentations on RPA topics by Prethikaa, Ragav, and Yogeshwari. The session emphasized the club's mission, the importance of RPA in academic curricula, and collaborative learning opportunities, culminating in a commitment to fostering professional growth.

6. 7-th Weekly Meetup



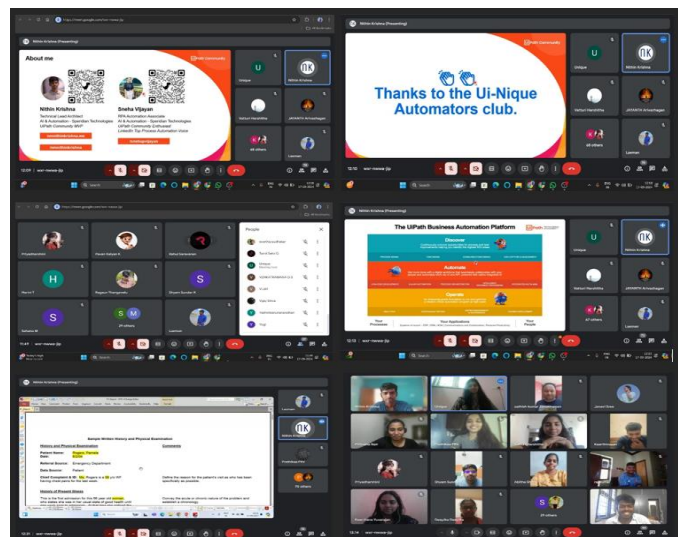
On August 21st, 2024, Panimalar Engineering College hosted the 7th weekly meet-up of the Ui-nique Automators RPA Club, led by Dr. L. Jabasheela, focusing on hands-on learning to enhance RPA skills, with presentations by President Shahanaaz and Technical Head Raj on project reviews and Excel automation. The session concluded with a practical web automation workshop, receiving positive feedback, and outlining next steps for practicing automation, exploring UiPath Studio, and assigning roles for upcoming projects to foster continued growth in RPA expertise.

7. 8-th Weekly Meetup



On September 13th, 2024, the 8th weekly meetup of the Ui-nique Automators RPA Club at Panimalar Engineering College featured presentations on the Hack-A-BOT event and the Industrial Mentor Workshop, led by Harshitha Vatturi and Shahanaaz, respectively, with Creative Head Laxman sharing interview insights and the club celebrating its recognition as a top-performing institution by UiPath. The event concluded with a team-building game, enhancing camaraderie and reinforcing the club's commitment to RPA excellence.

8. Virtual Expert Session



On September 17, 2024, Panimalar Engineering College hosted a Virtual Expert Session featuring industry leaders Mr. Nithin Krishna and Ms. Sneha Vijayan from Speridian Technology, focusing on the Generic UiPath platform, with Sneha discussing UiPath Apps' role in low-code workflow automation and Nithin demonstrating automation solutions for healthcare and banking using chatbots. The session provided valuable insights into RPA's potential to optimize workflows and enhance efficiency, inspiring attendees to implement these innovative tools in their projects.

9. Hack-A-Bot 2024



On September 25, 2024, Panimalar Engineering College organized the Hack-A-Bot 2024 event, attracting over 35 teams and 80 participants from various institutions to tackle real-world challenges using RPA and AI technologies under the mentorship of Sathish Sir. With guidance from Lalasa Mulakaluri, an Automation Architect at Indium Software, participants showcased their skills in Document Understanding and AI-driven automation, fostering innovation and enhancing their understanding of cutting-edge technologies.

Academic Year 2023-24

UI-NIQUE AUTOMATORS CLUB ACTIVITIES

S.no	Activities	Topics	No. Of Participants	Date	Resource person
1.	Workshop	Robotic Process Automation	251	12.06.2023 – 16.06.2023	Mr. Baskaran, Chidambaram Team Lead, Specialist in RPA Intellect Design Arena Ltd
2.	Club Activities	Introduction to RPA	36	31.07.2023	Ms. Vijayalakshmi
3.	Club Activities	Selection of SDC-Mock Interview	56	08.08.2023	Ms. Vijayalakshmi
4.	Club Activities	Hands-on session on Robotic Process Automation	70	25.09.2023	Ms. Vijayalakshmi
5.	Club Activities	Inauguration	50	09.02.2024	Dr.Kavitha Subramani Professor
6.	Club Activities	Mentorship Meeting -I	30	26-02-2024	Mr. Nithin Krishna Technical Lead, AI and Automation Speridian Technology
7.	Club Activities	WEEKLY MEETUP 1	30	27-02-2024	Dr.P.J.SathishKumar Professor
8.	Club Activities	WEEKLY MEETUP 2	30	05-03-2024	Dr.P.J.SathishKumar Professor
9.	Symposium	Bot-a-thon	30	09-03-2024	Mr. Nithin Krishna Technical Lead ,AI and Automation, Speridian Technology
10.	Club Activities	Project Demonstration	25	31.03.2024	Dr.P.J.SathishKumar Professor

1. Robotic Process Automation

PANIMALAR ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY CHENNAI.
APPROVED BY AICTE NEW DELHI & ACCREDITED BY NBA
BANGALORE TRUNK ROAD, VARADHARAJAPURAM, POONAMALLEE, CHENNAI – 600 123.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IEEE Advancing Technology for Humanity | Institution's Innovation Council

(Online) **WORKSHOP ON**
Robotic Process Automation

Mr. Baskaran Chidambaram
TEAM LEAD, SPECIALIST IN RPA,
INTELLECT DESIGN ARENA LTD

12.06.2023
TO
16.06.2023

LINK TO REGISTER
<https://tinyurl.com/RPAFDP2023>

Dr.P.Chinnadurai
SECRETARY & CORRESPONDENT

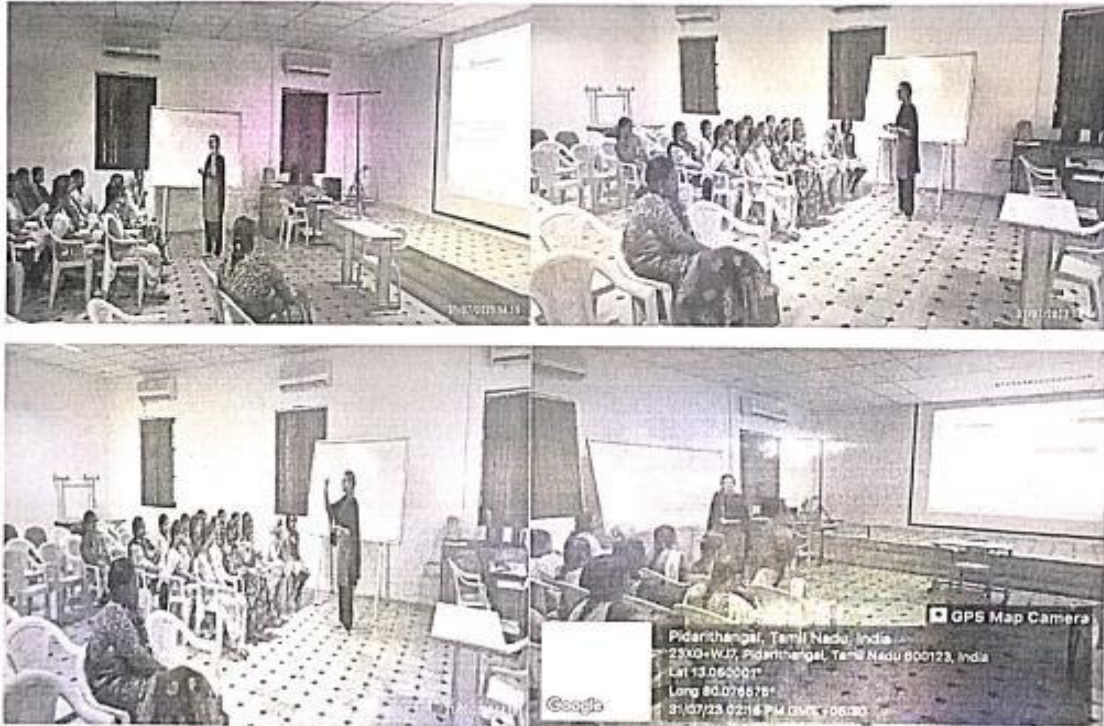
Mrs.C.Vijayarajeswari **Dr. C. Sakthi Kumar** **Dr.Saranya Sree Sakthi Kumar**
DIRECTORS

Dr. K.Mani **Dr.L.Jabasheela** **Dr.Kavitha Subramani** **Dr.Pughazendhi.N**
PRINCIPAL HOD - CSE PROFESSOR, CSE Mrs.V.Sathiya
Dr.S.Balaji Dr.P.J.Sathish Kumar
CONVENORS COORDINATORS

Department of Computer Science and Engineering of Panimalar Engineering College conducted a 5 days online workshop on “**Robotic Process Automation**” from 12.06.2023 to 16.06.2023. Mr. Baskaran Chidambaram, Team Lead, Specialist in RPA, Intellect Design Arena Ltd, served as the Resource Person for the workshop. He has 7 years of IT expertise in robotic process automation, ranging from legacy systems to sophisticated machine learning automation, I am well-versed in this field. Certified in Automation any place and Uipath along with python knowledge. Various concepts like Introduction to Robotic Process Automation, Automation Process Activities, App Integration, Recording and Scraping, Deployment and Maintenance of RPA were taught in 5 days workshop, also he provided knowledge on job opportunities in RPA.

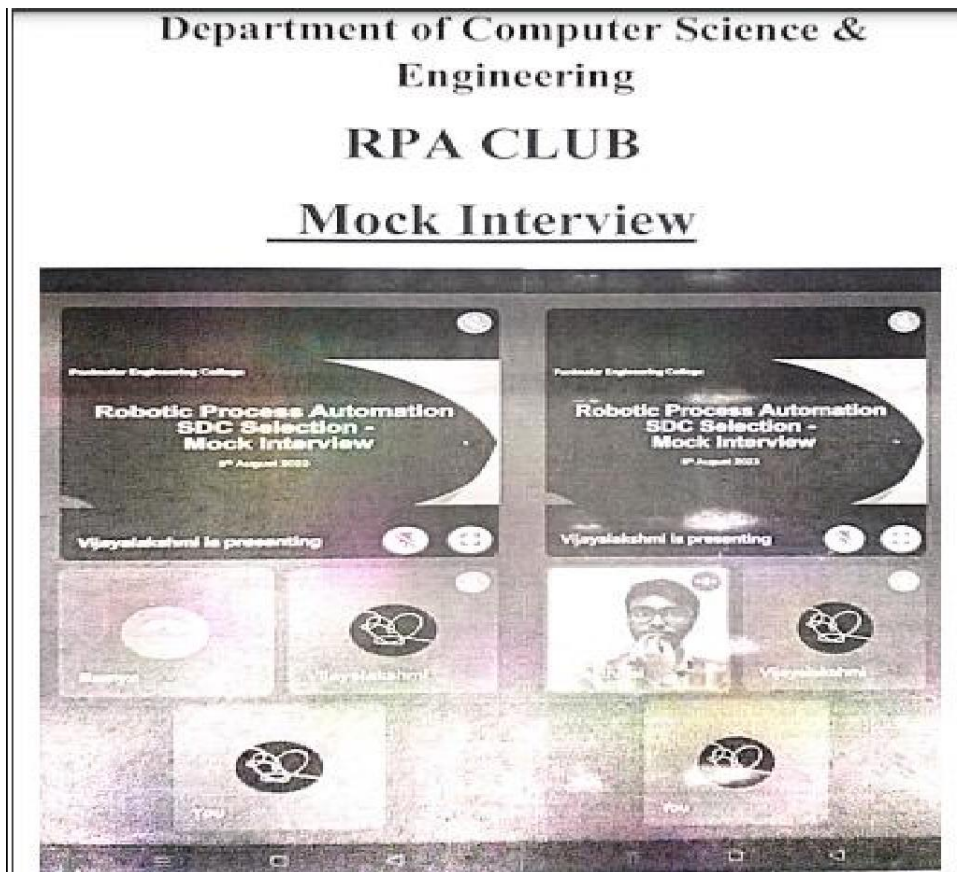
2. Introduction to RPA

Panimalar Engineering College, Dr L Jabasheela, Head of the Department of CSE along with UiPath Student Community, organized a session on “Introduction to Robotic Process Automation” an awareness program for third year students on 31-07-2023 (Monday)



The student coordinators for this session were Vijalayakshmi S, UiPath Student Developer Champion. In this event, the third-year students of the department of CSE were introduced to a new technology, Robotic Process Automation. The agenda of this event was to help students understand Robotic Process Automation and explore its real-world applications. The interactive session enabled the students to identify opportunities created by RPA and how to apply it with use cases. At the end of the session the students were assigned tasks based on their learning in the session.

3. Selection of SDC-Mock Interview



Vijayalakshmi S is the UiPath Student Developer Champion for the academic year 2022-23. Vijayalakshmi has done many project in machine learning, bot coding and robotic process automation. She was a finalist in Smart India Hackathon 2022. She received the Student excellence award for the year 2022.

4. Hands-on session on Robotic Process Automation

PANIMALAR ENGINEERING COLLEGE

DEPARTMENT OF CSE

EVENT REPORT (2023-24)

25th of September 2023

EVENT: Hands-on session on Robotic Process Automation

Panimalar Engineering College, Dr L Jabasheela, Head of the Department of CSE along with UiPath Student Community, organized a session on "On the 25th of September 2023, a Hands-on session on Robotic Process Automation was conducted for the students of 2nd and 3rd year. The students were given a demonstration and instructions to build a process, understand variables and arguments, and use connections in UiPath Studio. The hands-on session was conducted for about 70 students in total. The staff-in charges of RPA club and the student co-ordinators were Vjayaalakshmi S, Suchithra P, and Senela Shree T of final year CSE B. During the session, the students were given an use case and were guided to build a RPA bot for the use case using the GSuite package in UiPath.



5. Inauguration



Panimalar Engineering College, Dr L Jabasheela, Head of the Department of CSE along with UiPath Student Community, organised a session on 9th of February, The inauguration of "Ui-Nique Automators" , the college's Robotic Process Automation (RPA) club, the event marked a significant milestone in integrating automation technologies into the academic landscape. The event, running from 12:45 PM to 2:45 PM, featured a series of engaging activities aimed at fostering awareness and enthusiasm for RPA among students and faculty members.

6. Mentorship Meeting-I



Agenda:

- Discussion on the UiPath RPA Community in the College
- Strategies for Expansion and Consistency
- Insights on Global Events by UiPath
- Guidelines and Regulations for the Bot-a-thon
- Club Agenda and Flow

7. WEEKLY MEETUP 1



Overview:

Panimalar Engineering College, Dr L Jabasheela, Head of the Department of CSE along with The Student and Faculty Coordinators Of UiPath Community, organised The weekly meetup of the Unique Automators RPA Club at Panimalar Engineering College on February 27th, 2024. The event aimed to further the understanding of Robotic Process Automation (RPA), particularly focusing on UiPath, and to discuss recent activities and future plans of the club. It provided a platform to review completed courses, share experiences from recent events, and discuss collaborations within the RPA community.

8. WEEKLY MEETUP 2



Overview:

Panimalar Engineering College, Dr L. Jabasheela, Head of the Department of CSE along with The Student and Faculty Coordinators of UiPath Community, organised a session on 5th of March, The second weekly meetup of the Unique Automators RPA Club at Panimalar Engineering College was held on March 5th, 2024. This session focused on knowledge sharing and presentations by club members, showcasing their learnings and insights related to Robotic Process Automation (RPA) through PowerPoint presentations. Additionally, course completion certificates were reviewed by student coordinators, acknowledging the efforts and achievements of participants.

9. Bot-a-thon



Introduction:

Amid the spirited ambiance of the Xerone Intercollege Symposium, the Bot-a-thon event organised by the RPA Club of Panimalar Engineering College unfolded as a captivating showcase of innovation and collaborative problem-solving. Under the adept mentorship of Mr. Nithin Krishna, 30 students from various colleges converged to present creative solutions to contemporary challenges.

Event Overview:

The Bot-a-thon, a cornerstone of the Xerone Intercollege Symposium, emphasised innovation and collaborative synergy. Participants engaged in two comprehensive rounds, guided by Mr. Nithin Krishna, where they identified problems, proposed solutions, and presented their ideas. Immersive workshops and tailored mentorship sessions facilitated skill development and strategic planning.

10. Project Demonstration



Panimalar Engineering College, Dr. L. Jabasheela, Head of the Department of CSE, along with the student and faculty coordinators of the UiPath Community, organized a session on the 31st of March. The Third weekly meetup of the Unique Automators RPA Club at Panimalar Engineering College was held on March 31st, 2024. This session focused on knowledge sharing and presentations by club members, showcasing their learnings and insights related to Robotic Process Automation (RPA) through PowerPoint presentations. Additionally, course completion certificates were reviewed by student coordinators, acknowledging the efforts and achievements of participants. Several students had the opportunity to showcase their innovative projects through PowerPoint presentations, highlighting the diverse applications of RPA. These presentations were both educational and inspiring, emphasizing the creativity and technical skills of our members.

Academic Year 2022-23

UI-NIQUE AUTOMATORS CLUB ACTIVITIES

S.no	Activities	Topics	No. of Participants	Date	Resource person
1	Seminar	Introduction to Robotic Automation Process	96	14.11.2022	Ms. Vijayalakshmi MsSuchithraa P Mr. Annamalai P
2	Seminar	Exploring Automation	66	02/12/2022	Ms. Vijayalakshmi MsSuchithraa P Mr. Annamalai P
3	Workshop	Robotic Process Automation	200	30-01-2023 - 07-02-2023	Ms. Vijayalakshmi MsSuchithraa P Mr. Annamalai P

1. Introduction to Robotic Process Automation

Panimalar Engineering College, Dr L Jabasheela, Head of the Department of CSE along with UiPath Student Community, organized a session on “Introduction to Robotic Process Automation” an awareness program for first year students on 14/11/2022 (Monday)



The student coordinators for this session were Vijalayakshmi S, UiPath Student Developer Champion, Suchithraa P, III CSE B, Thelma Princy M, III CSE B and Anamalai P, IV CSE E. In this event, the first-year students of the department of CSE were introduced to a new technology, Robotic Process Automation. The agenda of this event was to help students understand Robotic Process Automation and explore its real-world applications. The interactive session enabled the students to identify opportunities created by RPA and how to apply it with use cases. At the end of the session the students were assigned tasks based on their learning in the session.

2. Exploring Automation

Dr L Jabasheela, Professor and Head of the Department of CSE along with UiPath Student Community, organized a session on “Exploring Automation” the follow-up session of the “Introduction to Robotic Process Automation” for the first-year students on 02/12/2022 (Friday).



The student coordinators for this session were Vijalayakshmi S, UiPath StudentDeveloper Champion, Suchithraa P, III CSE B and Thelma Princy M, III CSE B. In this event, the students were selected from their submission for the assigned tasks from the previous session. The session was conducted for over 66 first year CSE students. After a brief recap from the previous session, the students were given a demonstration on Automation using productivity application and RPA tools like Studio and StudioX. The moto of this event was to guide students to learn Robotic Process Automation and enable them to build their own RPA projects. The students were given insights about how to proceed with their automation journey.

3. Automation using Productivity Applications and RPA Tools

Dr L Jabasheela, Professor and Head of the Department of CSE along with UiPath Student Community, organized a workshop on “Automation using Productivity Applications and RPA Tools” for the second-year students of the department of Computer Science and Engineering starting from 30-01-2023 to 07-02-2023.



The staff co-ordinator for the workshop, Sathiya V and student coordinators for this session were Vijalayakshmi S, UiPath StudentDeveloper Champion, Suchithraa P, III CSE B and Thelma Princy M, III CSE B. The workshop consisted of a brief introduction to automation and its real-life applications. The students were given demo of projects using RPA tools such Studio and StudioX. The session was conducted for over 200 second year CSE students. The moto of this event was to guide students to learn Robotic Process Automation and enable them to build their own RPA projects. The students were given insights about how to proceed with their automation journey.

COORDINATOR
Dr. P.J Sathish Kumar
Dr. V. Sathiya

CSE HOD
Dr. L Jaba Sheela