

**ROBOTIC PROCESS AUTOMATION (RPA) SESSION**

The IEEE Computer Society, MVSR Chapter, recently organized a comprehensive three-day session on Robotic Process Automation (RPA), providing attendees with a profound understanding of the subject matter. The session primarily focused on hands-on exploration of the UI Path tool, a leading platform in the field of RPA. The speaker for the session was Guntur Renu, IEEE YP, Chair of Professional activities, and strategies IEEE EduSoC Adhoc Committee.



**Session Details:**

**Date:25th-27th November 2023**

**Timings: 10:30 AM-4:00 PM**

**No. of Attendees: 54**

**Speaker**

**The distinguished speaker for the session was Guntur Renu, serving as the IEEE Young Professionals (YP) Chair of Professional Activities and Strategies, as well as contributing to the IEEE EduSoC Adhoc Committee. With a wealth of experience and expertise, Guntur Renu brought valuable insights to the audience on the topic at hand.**

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Poster

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**Day 1: 25th November**

**Exploration of RPA Concepts and Career Path**

The first day of the session commenced with an insightful overview of RPA, covering its fundamentals, applications, and the evolving landscape in the industry. The speaker, Guntur Renu, delved into the conceptual framework of RPA, elucidating its potential benefits and real-world implementations. The students gained valuable insights into the impact of integration of RPA within business processes and its effect in enhancing efficiency.

A group of people sitting in a room with computers

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Session on RPA

Following the theoretical foundation, the session seamlessly transitioned into practical demonstrations. Participants were guided through the intricacies of the UI Path tool, exploring its user interface and functionalities. The speaker allocated tasks to the students, who were excited to explore the tool and gain knowledge. The hands-on application and the tasks really helped the students gain a clear understanding of how automation is carried out in different capacities in the industry. After the session, many of the students came up with new ideas of automating repetitive tasks using chatbots and RPA technology. The students worked on automating tasks on a web application.

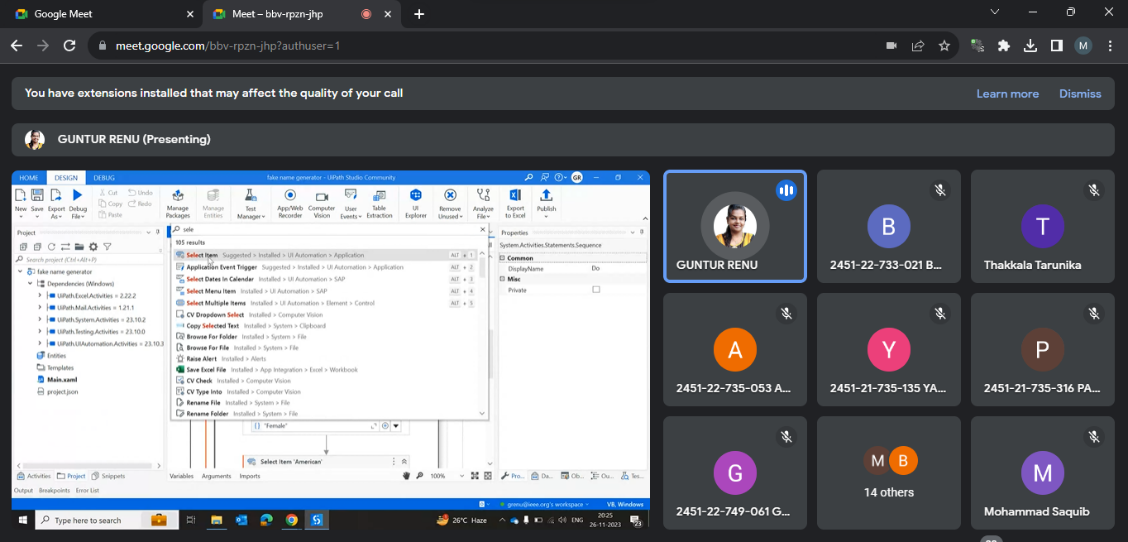
A group of people in a classroom

Description automatically generated

Session on RPA

**Day 2: 26th November**

**Hands-On Workshop**

The second day of the RPA session immersed participants in an extensive hands-on workshop utilizing the UI Path tool, facilitating the practical application of their theoretical knowledge. Guided by the speaker, the students actively engaged with the tool to navigate various scenarios, gaining valuable insights into process automation, workflow design, PDF and Excel sheet automation.

Hands-on workshop utilizing the UI Path tool.

**Day 3: 27th November**

**Advanced Topics**

The final session on the third day was focused on Excel automation, allowing participants to explore UI Path's capabilities in optimizing tasks related to Excel spreadsheet manipulation, highlighting its potential for boosting efficiency in data-centric workflows. The students also explored PDF automation for automating document-centric tasks such as extracting, manipulating, and managing data from PDF documents under the guidance of the speaker.

The three-day session ended with the IEEE MVSR SB Counsellor, Dr. D Harikrishna appreciating the speaker, Guntur Renu, IEEE YP for guiding the students as an active volunteer of IEEE and IEEE CS coordinators for coordinating the event. He encouraged the students to explore the technology and build upon the knowledge imparted by the speaker. The students were enthusiastic and interested in building chatbots and personal projects to explore the interesting technology.

The vote of thanks was given by IEEE CS Chair Mohammmad Saquib, who thanked the speaker Guntur Renu for taking out the time to guide the students. He thanked IEEE MVSR SB Counsellor, Dr. D Harikrishna, and IEEE MVSR CS Advisor Mrs. B Saritha and Mrs. P Subhashini for encouraging and supporting IEEE MVSR CS in organizing the events and the volunteers and attendees for making the 3-day session a great success filled with learning and development.

Memento presented to speaker.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Name of the Participant** | **Roll Number** | **IEEE ID** |
| 1. | Dr. D. Harikrishna | Faculty | 90436180 |
| 2. | Mrs. B. Saritha | Faculty | 95070854 |
| 3. | Mohammad Saquib | 2451-20-733-132 | 97496648 |
| 4. | Mohammed Rafae Ahmed | 2451-20-733-162 | 97470002 |
| 5. | Thakkala Tarunika | 2451-20-733-149 | 97508555 |
| 6. | Koushik Pyarasani | 2451-21-733-083 | 99228518 |
| 7. | Chacham Pradyumna | 2451-21-733-066 | 99228779 |
| 8. | Dhruv Reddy G | 2451-22-748-058 |  |
| 9. | Joshi Vamshi Krishna | 2451-22-749-037 |  |
| 10. | Gillella Rahul | 2451-22-749-025 |  |
| 11. | Gade Nikitha | 2451-22-749-061 |  |
| 12. | Tanvi | 2451-22-748-012 |  |
| 13. | Gaddam Ruthvika | 2451-22-748-011 |  |
| 14. | Harshita Bompalli | 2451-22-733-021 |  |
| 15. | Saireddy Manasvi | 2451-22-733-061 |  |
| 16. | Aligeti Sri Charitha | 2451-22-748-015 |  |
| 17. | Ampalla Sravanthi | 2451-22-733-301 |  |
| 18. | Andoju Laxmi Prasanna | 2451-22-733-313 |  |
| 19. | Modugu Sreeja | 2451-22-749-010 |  |
| 20. | Masagouni Akshitha | 2451-22-735-024 |  |
| 21. | Lakshith Reddy | 2451-22-735-059 |  |
| 22. | Jayanth Reddy | 2451-22-735-055 |  |
| 23. | Athota Yamini | 2451-22-735-048 |  |
| 24. | Prathi Manas Viswanauth | 2451-22-735-036 |  |
| 25. | Bukka Karthikeyan | 2451-22-733-150 |  |
| 26. | Akshit Darla | 2451-22-735-053 |  |
| 27. | Kondru Raja Nakshathra | 2451-22-733-025 |  |
| 28. | A Sanjay Kumar | 2451-22-748-016 |  |
| 29. | S. Lahari | 2451-22-733-310 |  |
| 30. | Manthapuram Krishna Chaitanya | 2451-22-735-011 |  |
| 31. | P. Satya Sai Shashank | 2451-22-735-031 |  |
| 32. | Mohammed Muqueed Uddin | 2451-22-735-054 |  |
| 33. | Athmakuri Sairam | 2451-22-735-043 |  |
| 34. | Praharsha | 2451-21-737-170 |  |
| 35. | G. Harsha | 2451-22-733-143 |  |
| 36. | M. Abishek | 2451-22-733-177 |  |
| 37. | K. Rajesh | 2451-22-733-172 |  |
| 38. | Annapurna R | 2451-22-737-168 |  |
| 39. | Koti Sri Lasya | 2451-22-733-036 |  |
| 40. | K. Harhsa Vardhan | 2451-22-733-143 |  |
| 41. | G. Vikas | 2451-22-735-056 |  |
| 42. | Ch. Sujith Kumar | 2451-22-749-029 |  |
| 43. | Yallabandi Lohitha | 2451-21-735-135 |  |
| 44. | Suha Taskeen | 2451-21-735-173 |  |
| 45. | P. Usha | 2451-21-735-316 |  |
| 46. | Pilli Sabitha | 2451-21-735-171 |  |
| 47. | Batuvula Srikanya | 2451-21-733-308 |  |
| 48. | Velimeneti Preethi Reddy | 2451-22-733-098 |  |
| 49. | Shoaib Alam | 2451-22-748-020 |  |
| 50. | Bhoomika Ramchandani | 2451-22-749-055 |  |
| 51. | Kartaverya |  |  |
| 52. | Tulaja Sonte | 2451-22-672-023 |  |
| 53. | Nandagiri Akhila | 2451-22-748-018 |  |
| 54. | Prameela | 2451-21-733-314 |  |

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