AWARENESS OF TRENDS IN TECHNOLOGY

CoE for Women Empowerment – "Tech4AIl" powered by Cognizant Foundation and Implemented by ICT Academy

ICT Academy through its Institutional tie-ups for skilling women has taken up the responsibility to implement its CSR initiative across states in India to skill graduating pre-final year students on Advanced IT Skills. Cognizant Foundation having a linked MoU with ICT Academy has initiated to skill the graduating pre-final year students from the rural and low-income family groups, thus helping them build their socio-economic levels on UiPath Certified RPA Associate for 120 hours. 100 students from department of Computer Science and Applications have registered to this programme.

19.02.2023 to 20.02.2023 "SOFT SKILL TRANING"

CSR-TECH4All, a women empowerment program, initiated by Cognizant Foundation and implemented by ICT Academy, organized a 20 hours of soft skill training program for registered 100 students from the Department of Computer Science and Applications (Shift I &II). The trainer for the soft skill programme was Mrs. Sivapriya K, IT Director of Redback IT Solutions, Vellore. She concentrated on the most needed skills like Communication Basics, communication at work place in the form of self-presentation, writing and speaking. Speaking to the seller, buyer, telephone conversation. As part of the training Group Activities like group discussion and building conversion and forming dialogues were organised. And also she gave an idea on preparing a perfect resume for the jobs.

Inauguration

A grand inauguration for "CSR-TECH4All" , an women Empowerment programme "UiPath Ceritified Robotic Process Automation (RPA)", a CSR initiated by Cognizant Foundation and implemented by ICT Academy was conducted in the seminar hall of computer Block, Auxilium College, Vellore. The chief guest in honour were Dr. (Sr.) Jaya shanti R, Principal, Auxilium College,Vellore; Mr. Anand S, Relationship Manager, ICT Academy Chennai, Tamil Nadu, India; Mr. Ajmal, Project Coordinator, ICT Academy Chennai, Tamil Nadu, India; Ms. Anita Madona M. ICT Academcy Instutional Coordinator & Head of the Department of Computer Application (Shift I), Auxilium College, Vellore and Ms.Sivapriya K IT Director, Redback IT Solutions.

27.02.2023 to 24.03.2023 -   UiPath Robotic Process Automation (RPA)

The 100 hours of technical training of the UiPath Robotic Process Automation (RPA) with the 24 days of session with 100 students from Department of Computer Applications and Science (shift I &shift II) including both lab and theory sessions. began on 27.02.2023. The trainee for the technical session was Mrs. Sindhu P, RPA Developer, Apexon, Chennai. She carried out the sessions enthusiastically made the students actively participate and

gained knowledge about the new emerging technology RPA by explaining about the Automated Robots, how they made our own technology currently popular in field all fields.

The classes began with the installation of UiPath RPA studio and learning each day to make automated bots, (like Screen Scarping, Data Scarping etc,.) using looping and condition statements and Creating various bot projects UiPath RPA studio.

27.02.2023 - DAY 1
The UiPath RPA course started with the "Introduction of RPA (Robotic Process Automation)" -   Definition, Examples, Advantages and about the RPA tools. And also learning how to install and access the UiPath RPA practically.

28.02.2023 - DAY 2 "The development of simple project"
Creation of the Bot that displays the message box was done has lab exercise and also learned about the Packages and basic access settings in the UiPath extensions.

01.03.2023 - DAY 3 "Variables
Creation of variables, Working with the properties and the Removing the unused variables were taught and practiced practically.

02.03.2023 - DAY 4 – Input Actions
Input Actions like click, Type Into was explained along with conditional statements. Also learned about how to pass the variables, to type in the search bar and the usage of send Hotkey and Hover key.

03.03.2023 - DAY 5 - Wildcards and Selectors
Learned about the usage of Wildcards and Selectors. And the creation of a sample bot using the keywords.

04.03.2023 - DAY 6 "Anchor"
Learned about the selectors and its types. Along with it the concept of Anchor Base usage and the known properties, the definition of full and partial selectors were explained.

06.03.2023 - DAY 7 "Practical Session"
Practically executed the given examples on created of a bot and tried out to execute our own implementation of bot using the full and partial selectors.

07.03.2023 - DAY 8 "Control Flows"
Learned about the Control Flows by using the while, do-while and for each control structures.

08.03.2023 - DAY 9 "while loop"

        Creation of the bots using the while loop (eg. Leap year or Not) by using message automatically was learned both theoretically and practically.

09.03.2023 - DAY 10 "do-while loops"

 Execution of do-while loops using the bots like the while loop was learned both theoretically and practically.

10.03.2023 - DAY 11 "for each"

        Creating the continuous sequence consisting of for each statement. Tried to execute fibonacci series program as an example for "for each".

11.03.2023 - DAY 12 "Sample bot"

       Created a sample bot for the control structures like the while, do-while and for each.

13.03.2023 - DAY 13 "Data scarpe in UiPath"

        Learned about how to Data scarping in UiPath and also practised its creation by using their own ideas.

14.03.2023 - DAY 14 "Screen Scrape"

        Learned about the Screen Scarping using the Real-Time data and customize it.

15.03.2023 DAY 15 "Practical Session"

        Created our own bot by implementing the different concepts Data scraping and Screen Scarping.

16.03.2023 - DAY 16 "Text Extraction"

        Learned about extracting the text from the pdf and displaying it in the notepad.

17.03.2023 - DAY 17 "Data Scarping in Ms-Excel"

        Learned about the Excel Concepts used in UiPath RPA and displaying the Scrapped data in the excel sheets and workbooks.

18.03.2023 - DAY 18 "Mail Merge"

        Learned a new concept Mail Merge in RPA

20.03.2023 - DAY 19

        We have learned Theory part of the mail merge and excel concepts. And we have enrolled in UiPath Studio course and gained the completion certificate.

21.03.2023 - DAY 20 Practice Assessment I

22.03.2023 - DAY 21 Practice Assessment II

23.03.2023 - DAY 22 Practice Assessment III

24.03.2023 - DAY 23 "Final Assessment & Valedictory Function"

        The Valedictory program for the CSR-TECH4All, a women empowerment program, initiated by Cognizant Foundation and implemented by ICT Academy "UiPath Ceritified Robotic Process Automation (RPA)", was concluded by Final Assessment was held on 24.03.2023. Followed by the Valedictory Function, The Guest honour was Dr. (Sr.) Jaya shanti R, Principal, Auxilium College (Autonomous), Vellore. She honoured the trainer, Mrs. Sindhu P, RPA Developer, Apexon, Chennai with the memento and spoke about the importance of RPA and how the world is today in the hands of Robotics.

        The students enthusiastically shared their experience, gave feedback about what they have learned and the job opportunities available with UiPath RPA in the present era.

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