St. Ann's College for Women

(Autonomous), Affiliated to Osmania University
Accredited 'A+' Grade by NAAC (3rd Cycle), CPE by UGC
ISO 9001:2015 and ISO14001:2015 Mehdipatnam, Hyderabad 500 028

Report of Binary Builders Club (2023-24)

All the events conducted by the club:

Event 1: Inauguration of the Binary Builders Club:

Event date: 11th December 2023

Location: AV room, St. Ann's College for Women.

Organizing department: Department of Computer Science and Data Science.

Faculty coordinator: Mrs. Rajeswari.

Student Coordinator: S. Gurupreet Kaur, Saniyah Abdul Salam.

Summary of the event:

On December 11th, 2023, the Department of Computer Science and Data Science proudly inaugurated their newly formed club, The Binary Builders Club. This momentous event was graced by the presence of all the Computer Science and Data Science students, creating an atmosphere of excitement and anticipation.

The ceremony was skilfully organized by the cabinet members of the club from the 3rd year, with enthusiastic support from 1styear volunteers. The event commenced with a serene Bible reading and a soulful prayer song, setting a reflective tone for the occasion. Following this, the symbolic cutting of the ribbon marked the official launch of the club.

Distinguished guests, including the Sr. Principal, Sr. Correspondent, and the deans, were warmly welcomed and presented with thoughtful gifts as tokens of appreciation. A brief yet comprehensive introduction to The Binary Builders

Club was provided, and the cabinet members proudly received their badges, signifying their roles and responsibilities within the club.

The inauguration culminated with inspiring speeches from the Sr. Principal and the deans, who shared words of wisdom and encouragement, motivating the club members to strive for excellence and innovation in their future endeavours. The event was a resounding success, setting a promising foundation for The Binary Builders Club.

Event 2: Career Guidance:

Event date: 18th December 2023

Location: Room 47, St. Ann's College for Women.

Organizing department: Department of Data Science & Computer Science with Binary Builders Club

Faculty coordinator: Mrs. Rajeshwari. Mrs. Neha, Ms Supraja.

Student Coordinator: S.Gurupreet Kaur, Syeda Asfah Mahreen.

Resources Person Name: Ms. Syeda Mariya.

Recourse person details:

Ms. Syeda Mariya is a young CEO in computer science and data science education sector with her ever shining capabilities and she has started a firm and made it very successfully with her business partner and is a very good educator on field.

- Current Role: CEO in the computer science and data science education sector
- Achievements: Cofounded a successful firm and is recognized as an excellent educator in the field

Company Details

- Company Name: EVOASTRA VENTURES
- Position: Founder & CEO
- Location: Navi Mumbai, Maharashtra, India
- Duration: August 2023 Present (5 months)

Work Experience

1. Technocolabs Softwares

Position: Data Scientist (Apprenticeship)

Duration: February 2023 August 2023 (7 months)

Skills: Business Model Development, Project Management, Financial Analysis, Data Preparation, Data Visualization, Tableau, Data Warehousing, Big Data, R, ScikitLearn, Data Science, SVM, MongoDB, Logistic Regression, Linear Regression, Random Forest, Flask, AWS, Data Analysis, SQL, Data Analytics, AI, Machine Learning, Python, MySQL

2. CONTEXiO

Position: Research Analyst

Duration: January 2023 April 2023 (4 months)

Location: New Mumbai (Remote)

Skills: Data Visualization, Microsoft Power BI, Tableau, Market Research, Data Analysis, Data Analytics, Machine Learning, Python, Microsoft Excel

Education

1. Liverpool John Moores University

Degree: Master of Science (MS) in Data Science

Duration: May 2023 November 2024

2. International Institute of Information Technology Bangalore

Degree: Executive Post Graduate Diploma in Data Science

Duration: May 2023 June 2024

3. ITVedant Educations PVT LTD

Program: Masters Program in Data Science

Duration: February 2022 August 2023

Skills: Python, R, NLP, Computer Vision, Data Analytics, AI, Big Data, Deep Learning, Cloud Computing, AWS, SQL

4. JSM College

Degree: Master of Science (MS) in Organic Chemistry

Duration: June 2020 June 2022

Grade: 7.65 CGPA

Summary

The Binary Builders Club recently organized a successful event, showcasing their dedication to providing valuable opportunities to members. Led by President Ms. Gurupreet Kaur and Assistant Secretary Ms. Syeda Asfah Mahreen, and guided by faculty members Mrs. Rajeshwari, Mrs. Neha, and Ms. Supraja, the event was well-planned and executed.

The highlight was a lecture by Ms. Syeda Mariya, a young CEO in the computer science and data science education sector. She offered career guidance and detailed internship opportunities at her company, EVOASTRA VENTURES. Her insights into the tech industry and her entrepreneurial journey were well-received by the students, who were eager to gain practical experience.

The event concluded with encouraging speeches from Mrs. Neha and Ms. Supraja, urging students to participate in club activities and pursue their career goals with dedication.

Overall, the event was a resounding success, providing valuable insights and opportunities in a peaceful and engaging environment. The hard work and dedication of the Binary Builders Club members and their faculty advisors were commendable.

ST.ANN'S COLLEGE FOR WOMEN

Department of Computer Science and Data Science

Binary Builders Club

Organizes

CAREER GUIDANCE

BY

Ms. SYEDA MARIYA

EVOASTRA VENTURES Professional data analysts [CEO and founder]

TARGETED AUDIENCE: BSC[PHYSICAL SCIENCE] STUDENTS

📅 18/12/23
🕐 12:30pm-1:20pm
📍 Room no. 47

INTERNSHIPS OFFERED

- Machine learning Engineer
- C programming.
- •Python Programming
- Data analysts.
- Data Science

Event 3: Cloud computing workshop

Event date: 10th February 2024.

Location: Computer Science lab, PG building, St. Ann's College for Women.

Organizing department: Department of Data Science & Computer Science with Binary Builders Club

Faculty coordinator: Mrs. Rajeshwari.

Student Coordinator: S.Gurupreet Kaur, Syeda Asfah Mahreen.

Resources Person Name: Sai Prashanth Mallellu.

No. of Participants: 100 approximately

Recourse person details:

Sai Prashanth Mallellu is a proficient educator and developer in Blockchain, Cloud, AI&ML, and Data Science, currently pursuing a graduate degree at Vardhaman College of Engineering, Jawaharlal Nehru Technological University, Hyderabad.

Experience:

- Research Fellow at Vardhaman College of Engineering.
- Taught courses on Blockchain, Cloud Computing, and Cybersecurity.
- Coordinated IEEE activities and managed research projects.

Education:

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Experience:

- Research Fellow at Vardhaman College of Engineering.
- Taught courses on Blockchain, Cloud Computing, and Cybersecurity.
- Coordinated IEEE activities and managed research projects.

Education:

- M.Tech in Computer Science and Engineering from Vardhaman College of Engineering with an 8.91 CGPA.
- Engaged in technical events and studied Machine Learning, Blockchain, IoT, NLP, and trending technologies.

Ongoing Projects:

- Blockchainbased Electronic Health Care Record Management System.
- Logistics shipping based on Blockchain.
- Brain Tumor Classification using Convolutional Neural Networks.
- Enhancing Health Record Security with Blockchainbased Access Management.

Achievements:

- Authored a book chapter and obtained an Indian patent.
- Published papers in conferences and journals.
- Completed a project on "Image Denoising using AI" and published in the "Journal of Information and Computational Science" in 2022.

Professional Experience:

- Block Chain Developer at Tech Mahindra (20202022), contributing to Supply Chain Management, Banking System, and ERC Implementations.

Internships:

- Gained experience as a Student Relations Executive Intern, Google Cloud Facilitator, and AI Developer Intern.

Certifications:

- Google Cloud Facilitation, CCNA – Net Cad, and NPTEL courses in Cloud Computing, AI, and Cyber Security.
- Proficient in GCP, Python, Linux, Windows, and Cloud Formation Templates.

Research Interests:

- Cloud Computing, IoT, Machine Learning & AI, Information Security, NLP, Blockchain, and Distributed System Algorithms.

Awards and Recognitions:

- IEEE R10 SAC Outstanding Volunteer Award.
- IEEE Computer Society Richard E Merwin Scholarship.
- IEEE Education Society Student Leadership Award.

Personal Details:

- Born on March 8, 1999.
- Fluent in English, Hindi, and Telugu.
- Strong problemsolving and leadership skills.

LinkedIn: [Sai Prashanth
Mallellu](https://www.linkedin.com/in/saiprasahanthmallellubab491196)

Day wise summary:

DAY 1: The first day of the threeday workshop on cloud computing covered foundational concepts, including cloud infrastructure, scalability, security, and deployment models (public, private, hybrid, and community clouds). Participants also learned about cloud security best practices and gained a comprehensive understanding of cloud computing basics.

DAY 2: The focus shifted to practical application with handson training in data analytics using Looker. Participants integrated Looker with various data sources, created interactive visualizations and dashboards, and learned to collaborate on data analysis projects. By the end of the day, attendees had developed practical skills in data analytics and visualization.

DAY 3: The final day delved into advanced techniques and realworld applications, including predictive analytics, machine learning, and optimization strategies for cloud resources. Realworld use cases and handson lab sessions reinforced the practical application of advanced concepts. The workshop concluded with a Q&A session to address any lingering questions, solidifying participants' understanding.

Overall, the workshop provided comprehensive insights into cloud computing and data analytics, equipping participants with essential skills for leveraging these technologies in their professional endeavors.