



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Awareness of Trends in Technology

2023-24

S.No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
1	Molecular Docking and Drug designing Workshop	06-10-2023	28	G. Jyothsna, Sr. Research Associate, BioAxis DNA Research Centre Private Limited Telefax: +91-40-24034503, Mobile: +91-9246338983
2	Statistical Tools in Life sciences & Scientific Paper Writing	24-01-2024	50	Ms. Sony & Dr. Kanchana from St. Francis College For Women
3	Workshop on SDS PAGE technique	22-09-2023	28	Ms Anupama, Project assistant from Dr, Reddy's Institute of Life sciences
4	Workshop on computational Biology	09.10.2023 & 10.10.2023	20	Dr. Suresh Velupula ABC Labs Mrs. M. Dhatri, Research Scholar, OU
5	Awareness of Trends in Technology-Medical Coding	1-07-2016	73	MedConverge Healthcare Services Pvt Ltd, Jubilee Hills, Hyderabad Mr. B. Srikanth, Managing Director, Contact- 9849028106
6	Techfuel - Nourishing the Future,"	17.02.2024	750	Disha Jhaveri Shah is a distinguished Registered Dietitian and the founder of Nutrient Insights Nestle India Pvt Ltd. Mrs. Phani Sudheer, Contact No: 9676926060
7	3-Day Workshop on Power BI by	18.08.2023 - 20.08.2023	70	Mr. Aditya Ram Parisa, Power BI Analyst, TCS, Hyderabad Contact No: 7386692006
8	3-Day workshop on Cloud Computing	01.02.2024 - 03.02.2024	100 approx	Mr. Sai Prashant of Tech Mahindra Contact No: 7093319953

Website : www.stanncollegehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

9	2-Day Workshop on Generative AI	18.03.2024 & 19.03.2024	80	Mr. Ajinkya Lohakare, CTO & Founder of Ditto Security Contact No:
10	Microsoft Office specialist Course	23.08.2023	60	Mr. Amkit Mishra, Subject Expert, Quantum Learning Pvt. Ltd, Contact No: 8708238363
11	Three Day workshop on Computer Aided Drug design and discovery	23-11-2023 To 24-11-2024	50	Dr. Karunakar, Director Qstatix, Contact No: 9951155688
12	Advanced molecular biology techniques	12.12.2023 & 13.12.2023	22	Dr. Md Imran Research Scientist University of Hyderabad



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Molecular Docking and Drug designing Workshop

Date :06-10-23

Venue:MCA ComputerLab

TargetGroup: IIYear BBC Students of Biochemistry

ResourcePerson:MsJyotsna From BioAxis DNAResearchCenter

Co-ordinatedby: AM Sylaja, Head DeptofBiochemistry.

No of Participants :28

Report:

The one-day workshop onMolecular Dockingand DrugDesigning began witha introductory lecture on Computer Aided drug designing covering introduction to Bioinformatics and Computational Biochemistry role in designing drugs. The lecture was followed by hands on session on Gene identification, Protein Data bank, Drug -Biomolecule, Receptor - Biomolecule Interactions and Principles of Molecular modelling -Drug Designing. All the students and instructor parallely worked onthe steps involved in molecular docking starting with identification of a disease, corresponding protein involved, gene identification, then different software packages and tools used (open resources) in docking the receptor with the drug.





ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Statistical Tools in Life sciences & Scientific Paper Writing

Date:24-01-24

Venue: MCA Computer Lab

TargetGroup:III Year BBC and other Life sciences Students

ResourcePerson: Ms.Sony & Dr. Kanchana from St.Francis College For Women

Co-ordinatedby: AM Sylaja, Head Dept of Biochemistry.

Workshop Objectives:

The primary objectives of the workshop were to:

- Introduce participants to statistical tools commonly used in life sciences research, including descriptive statistics, hypothesis testing, and regression analysis.
- Provide hands- on training in using statistical software packages for data analysis and interpretation.
- Enhance participants' understanding of experimental design, data visualization, and result interpretation.
- Familiarize participants with the structure and components of scientific papers, including abstracts, introductions, methods, results, and discussions.
- Guide participants in writing and formatting scientific papers, adhering to standard conventions and guidelines.
- The workshop was structured to encompass both theoretical and practical components, incorporating interactive sessions and hands-on exercises:
- Theoretical Sessions:
- Statistical Tools: Participants were introduced to fundamental statistical concepts and techniques relevant to life sciences research.

Topics covered included measures of central tendency, variability, probability distributions, and inferential statistics.

- Scientific Paper Writing: Instructors discussed the structure and components of scientific papers, emphasizing the importance of clarity, coherence, and adherence to journal guidelines. Participants learned strategies for effective literature review, hypothesis



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

formulation, and result presentation.

- Hands-On Training:
- Statistical Analysis: Participants engaged in hands-on exercises using statistical software packages such as SPSS. They learned how to perform basic data manipulation, conduct descriptive and inferential statistical tests, and visualize data using graphs and charts.
- Scientific Paper Writing: Participants were guided through the process of writing a scientific paper based on hypothetical research data. They learned how to organize their findings into coherent sections, integrate relevant literature, and construct compelling arguments to support their conclusions.

Project Work and Report Writing:

- Participants worked in small groups to apply the statistical tools learned to analyze real-life datasets relevant to their fields of study. They collaborated to design research questions, collect and analyze data, and interpret results.
- Using the knowledge gained from the workshop, participants drafted scientific reports detailing their research findings, methods, and conclusions. Instructors provided feedback and guidance to help refine the reports and improve writing proficiency.

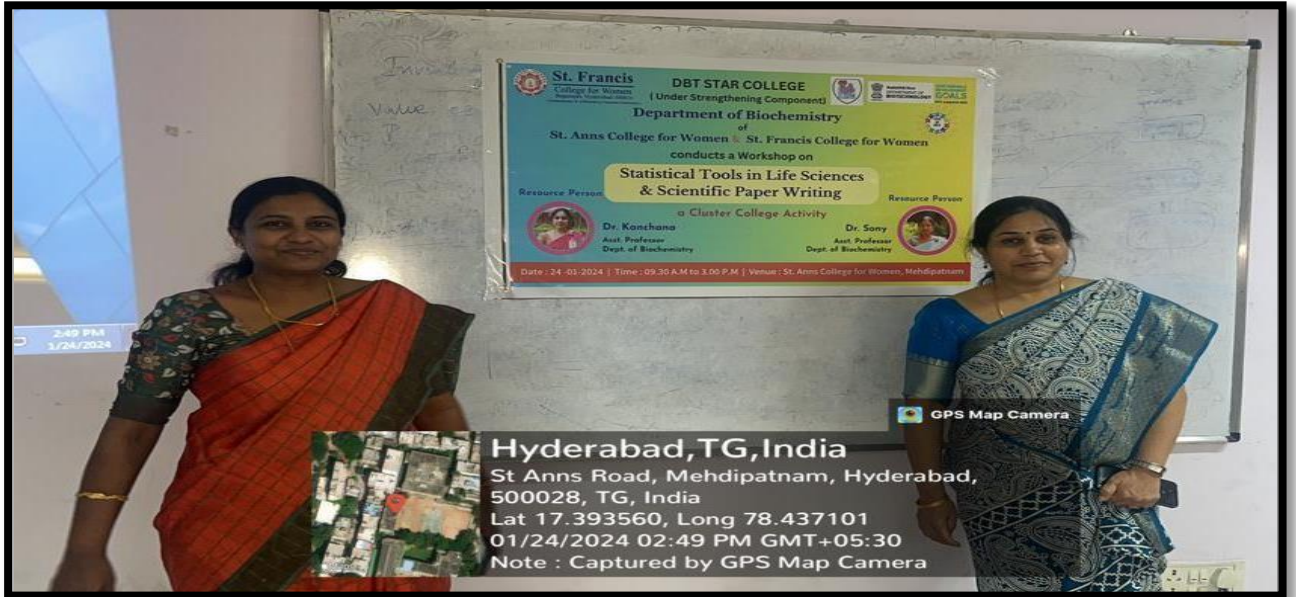
Website : www.stanncollegehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.





ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

Workshop on SDS PAGE technique

Report: The one-day workshop on SDS PAGE technique began with a lecture on the principle of SDS PAGE and requirements, preparation of reagents to perform the technique. The lecture was followed by demonstration of step by step procedure of casting the gels, preparation of the samples, loading the samples, running the gel and interpretation of the results. Trouble shoot points also were discussed; all queries related to the experiment were answered by the resource person Ms Anupama from Dr.Reddy's Institute of Life Sciences. A total of 30 students participated in the workshop.





ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Workshop on Computational Biology

- Topic** : A Two day Online workshop on Computational Biology.
Date : 9th & 10th Oct, 2023
Venue : Online
Resource Person 1. : **Dr.Suresh velupula**
Scientist, Dr. ABC Labs.
Resource Person 2. : **Mrs. M.Dhatri**
Research Scholar ,
Osmania University.
Target group : Faculty and All Lifesciences students.
Beneficiaries : 20 students.

Report:

Department of Biotechnology in collaboration with University college of Science Saifabad, Osmania university, organised a two day online workshop on “Computational Biology”. Resource persons explained Computational biology, which includes many aspects of bioinformatics and much more, is the science of using biological data to develop algorithms or models in order to understand biological systems and relationships. Until recently, biologists did not have access to very large amounts of data. This data has now become common place, particularly in molecular biology and genomics era. Participants were able to develop analytical methods for interpreting biological information. Bioinformatics tools/software helped the participants understand the concept in a clear and easy way. In the end participants engaged in an interactive session discussing the various career opportunities available in the field of bioinformatics.

Website : www.stannscollgehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

St. ANN'S COLLEGE FOR WOMEN
Affiliated to Osmania University Accredited 'A+' Grade by NAAC (3rd Cycle), CPE by UGC ISO9001:2015 and ISO14001:2015 Mehdiapatnam, Hyderabad- 500028

DEPARTMENT OF BIOTECHNOLOGY
In Collaboration with
**UNIVERSITY COLLEGE OF SCIENCE, SAIFABAD
OSMANIA UNIVERSITY**

Is Organizing
**A TWO DAY ONLINE WORKSHOP ON
COMPUTATIONAL BIOLOGY**

Introduction to Bioinformatics
Sequence and Structure data bases
File formats
Sequence retrieval and analysis
Dot matrix
Restriction mapping
Primer designing

Registration fee: Rs. 200/-

Resource Person

Chairman Dr. P. Amrutha Principal St. Ann's College for Women	Guest of Honor Prof. J. Lakshman Naik Principal University College of Science	Convener Mrs. N. Susilma HOD, Ass. Prof St. Ann's College for Women	Co convener Mrs. S. Sravanthi Asst. Prof (C) University College of Science
--	--	--	---

Click here to register **Date and Time**
9th and 10th Oct, 2023



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

Medical Coding

MEDICAL CODING TRAINING

Year of Implementation: July 2016 onwards

Course Overview

The Medical Coding course for second-year students was designed to provide foundational and practical knowledge in the field of medical coding, enabling students to acquire skills essential for translating healthcare procedures and diagnoses into standardized codes. This initiative was conducted in collaboration with **MEDCOVERGE HEALTH CARE SERVICES PRIVATE LIMITED, Jubilee Hills, Hyderabad** under the guidance of **Mr. Srikanth, Managing Director** of the same and experienced in the field of medical coding and billing.

Participants

- Total number of students enrolled in 2023-24: **75 (semester III & IV)**
- Students who participated in on-job training (OJT): **[17]**

Resource person: Mr. Latish Verma

Medical Coding Trainer,

Medcoverge Health care services private limited

Course Details

- **Frequency of Classes:** Twice a week
- **Sessions Conducted By:** Mr. Latish Verma
- **Mode of Delivery:** Offline

Key Topics Covered

1. Introduction to Medical Coding and its Importance
2. ICD (International Classification of Diseases) and CPT (Current Procedural Terminology) Coding Systems
3. HIPAA Compliance and Ethical Practices in Medical Coding
4. Practice Exercises in Coding for Various Medical Specialties



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

5. Common Challenges in Medical Coding and Their Solutions
6. Advanced Coding Practices and Case Studies

On-Job Training (OJT)

As part of the course, selected students participated in on-job training with **MEDCOVERGE**, gaining hands-on experience in real-world medical coding scenarios. This practical exposure helped bridge the gap between theoretical learning and industry requirements. Students worked on live projects under the supervision of experienced mentors, further enhancing their skills and employability.

Feedback and Outcomes

- **Student Feedback:** The students expressed satisfaction with the structured approach to teaching and the practical insights provided during OJT.
- **Skill Development:** Students reported increased confidence in applying coding standards and handling medical records.
- **Resource Person's Feedback:** Mr. Latish Verma appreciated the enthusiasm and learning pace of the students, emphasizing their readiness for industry challenges.

Conclusion

The Medical Coding course was a successful initiative that equipped students with essential skills for the healthcare and medical coding industry. The collaboration with **MEDCOVERGE** and Mr. Latish Verma ensured high-quality training, while the OJT opportunities provided invaluable practical experience.

Recommendations

1. Extend the course to include advanced coding modules.
2. Provide opportunities for certification to enhance employability.
3. Increase the number of students participating in on-job training.

This course has laid a strong foundation for students aspiring to build careers in medical coding and related field.



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

National Webinar Techfuel - Nourishing the Future

Date: 17th February 2024

Faculty Coordinator: Ms. Shimaila

Resource Person: Disha Jhaveri Shah, RD, Clinical Nutrition, Founder Nutrient Insights, Mumbai

On the 17th of February 2024, the Department of Nutrition organized a groundbreaking National Webinar titled "Techfuel - Nourishing the Future," aimed at exploring the dynamic intersection of technology and nutrition. Ms. Shimaila, the Faculty Coordinator, orchestrated the event, which featured Disha Jhaveri Shah, a distinguished Registered Dietitian and the Founder of Nutrient Insights in Mumbai, as the esteemed Resource Person. The webinar attracted a substantial participation of over 300 students, with an additional 745 views on YouTube, highlighting the significant interest and relevance of the topic.

The primary objective of the webinar was to elucidate the symbiotic relationship between technology and nutrition, offering participants a deeper understanding of how technological advancements can revolutionize nutritional practices and foster innovation in the field. By leveraging her expertise and insights, the webinar aimed to equip attendees with actionable knowledge to harness the power of technology for optimal nutrition outcomes.

Key Highlights

- 1. Insights into Technological Innovations:** Disha Jhaveri Shah commenced the webinar by providing an insightful overview of the latest technological innovations in the realm of nutrition. She discussed how advancements such as mobile applications, wearable devices, and data analytics are reshaping the landscape of nutritional assessment, personalized dietary planning, and behavior modification.
- 2. Integration of Technology and Nutrition:** Throughout the session, she underscored the importance of seamlessly integrating technology into nutrition practice to enhance efficiency, accuracy, and effectiveness. She emphasized the role of telehealth platforms, virtual coaching programs, and digital health tools in extending the reach of nutrition services and promoting proactive healthcare interventions.
- 3. Case Studies and Practical Applications:** To illustrate the real-world impact of technology on nutrition, she shared compelling case studies and examples of successful initiatives leveraging digital platforms for nutrition education, remote monitoring of dietary intake, and lifestyle modification. Participants gained valuable insights into practical strategies for leveraging



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

technology to address diverse nutritional challenges and empower individuals to make informed dietary choices.

4. **Interactive Q&A Session:** The webinar culminated in an engaging Q&A session, where participants had the opportunity to seek clarification, share their perspectives, and exchange ideas with the presenter. The interactive nature of the session facilitated meaningful discussions on the challenges, opportunities, and ethical considerations associated with the integration of technology in nutrition practice.

The National Webinar on "Techfuel - Nourishing the Future" proved to be a resounding success, thanks to the collaborative efforts of the Department of Nutrition, Ms. Shimaila, and the esteemed Resource Person, Disha Jhaveri Shah. With an impressive turnout of over 300 participants and widespread viewership on YouTube, the event served as a catalyst for stimulating dialogue, fostering innovation, and inspiring action at the intersection of technology and nutrition. As we navigate the evolving landscape of healthcare, it is imperative to embrace technological advancements as powerful tools for advancing nutritional practices and nurturing a healthier future for all.

The Department of Nutrition extends its sincere gratitude to Disha Jhaveri Shah for her invaluable contributions and profound insights shared during the webinar. Last but not least, heartfelt appreciation goes out to all participants and viewers who actively engaged in the webinar, demonstrating their commitment to harnessing technology for the betterment of nutrition and well-being.

Consultation Experience at Nutrient Insights

Inquiry Message	Day of Appointment	Plan shared as PDF
Business Unit identified & Google Meet link shared. Appointment link shared.	Business Unit shared Google Meet & Business Manager meet. All details added to Excel sheet that was linked to Google Meet.	Follow Up - Business WA Group
• All the appointment link. Business Manager. Appointment link.	• Business Manager ready. Meet details.	• Link Chat. WhatsApp link. Follow Up on Social media.

work. For example, I have to follow up with 10

Department of Nutrition
in collaboration with **Nestlé**
is organizing
A National Webinar
on
"TechFuel: Nourishing the Future - Exploring the Intersection of Technology and Nutrition"
Speaker:
Disha Jhaveri Shah
Founder | Nutrient Insights

14th February, 2024
2:00 pm to 3:00 pm
Registration is free and mandatory.
E-certificates will be provided.
[Click here to register.](#)



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

3-Day Workshop on Power BI by

The Department of computer science, with a commitment to fostering excellence in education, organised transformative workshop from August 18th to 20th 2023, This workshop centred around the exploration of Power BI, and influential tool tailored for the management and comprehension of data. The workshop's over achieving objective was to inquire participants with the expertise to adaptively analyse, visualize, and effectively present data, enhancing their proficiency in this critical domain.



The workshop began with an introduction to the main speaker, Mr.Adithya Ram Parisa.

Mr.Parisa's background includes a B.Tech degree in Electrical and Electronics Engineering. He is recognized for his expertise as a skilled Power BI developer, known for his ability to analyze data, create visual representations, and use data for decision-making in the Consumer Packaged Goods (CPG) industry.

Website : www.stanncollegehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.



The first workshop session was divided into two parts. The morning session began with Mr. Aditya Ram Parisa providing a brief personal introduction. This introduction paved the way for an exploration of important data science topics, primarily focusing on Power BI.



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

3-Day workshop on Cloud Computing

DAY-1

The three-day workshop on cloud computing provided comprehensive insights into various aspects, including exploring data with Looker. Participants delved into key concepts, such as cloud infrastructure, scalability, and security measures. Hands-on sessions enabled practical understanding of deploying and managing cloud resources effectively. The workshop also covered topics like containerization, serverless computing, and data analytics in the cloud environment. Attendees gained valuable knowledge on optimizing cloud solutions for diverse business needs. Overall, the workshop facilitated a deeper understanding of cloud technologies and their applications, equipping participants with essential skills for leveraging cloud computing in their respective domains.

Additionally, the workshop offered in-depth discussions on cloud migration strategies, best practices for cloud governance. Participants insights into overcoming challenges and maximizing the benefits of cloud adoption. Interactive sessions fostered collaboration and knowledge sharing among peers, enhancing the learning experience. The workshop concluded with a recap of key takeaways and recommendations for further exploration in the field of cloud computing. Overall, it was a comprehensive and enriching experience that equipped attendees with practical skills and insights to excel in today's cloud-centric business landscape.



The first day of the cloud computing workshop laid the foundational understanding of cloud technology. Participants were introduced to the concept of cloud computing. Additionally, various deployment models such as public, private, hybrid, and community clouds were explored, along with their respective benefits and considerations. The session also emphasized the importance of cloud security and compliance, providing insights into best practices for



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

ensuring data protection and governance in the cloud environment. By the end of the day, participants had gained a comprehensive understanding of cloud computing basics and were equipped with the knowledge to navigate the cloud landscape effectively.

DAY-2

Hands-On Training with Looker for Data Analytics

The second day of the workshop shifted the focus to practical application, with hands-on training in data analytics using Looker. Participants learned how to integrate Looker with various data sources, explore datasets, and create interactive visualizations and dashboards to extract actionable insights. Through guided exercises and demonstrations, attendees gained proficiency in querying data and presenting findings effectively using Looker's intuitive interface. The session also highlighted the importance of collaboration and sharing within teams, showcasing how Looker enables seamless collaboration on data analysis projects. By the end of the day, participants had acquired practical skills in data analytics and visualization, setting the stage for more advanced applications in the subsequent sessions.

DAY-3

Advanced Techniques and Real-World Applications

The third and final day of the workshop focused on advanced techniques and real-world applications of cloud computing and data analytics. Participants delved into topics such as predictive analytics, machine learning, and optimization strategies for cloud resources. Real-world use cases from various industries were presented to illustrate the practical application of advanced techniques in solving complex problems and driving innovation. Hands-on lab sessions provided participants with opportunities to apply their knowledge and skills to solve practical challenges, further reinforcing their understanding of advanced concepts. The day concluded with a Q&A session, allowing participants to seek clarification on any lingering questions and solidify their understanding of the workshop's content. Overall, the three-day workshop provided participants with a comprehensive learning experience, equipping them with the knowledge and skills needed to harness the power of cloud computing and data analytics effectively in their professional endeavors.



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

2-Day Workshop on Generative AI

The two days workshop on Generative AI was conducted on 18th & 19th March 2024. The workshop was conducted in collaboration with St. Mary's College, Yousufguda.

The Resource Person for the workshop Mr. Ajinkya Lohakare, CTO & Founder of Ditto Security, taught the students OpenAI, ethical considerations in Natural Language Processing and Artificial Intelligence. A Hands-on practical session on building with GPT-3 & Chatbot was demonstrated to the participants.

On Day two advanced techniques of NLP & hands-on project demo was explained clearly to all participants. There were altogether 21 students from St. Ann's, 6 from St. Mary's & 2 from Pulla Reddy College.

RESOURCE PERSON

TWO DAYS WORKSHOP ON
**GENERATIVE AI
WORKSHOP**

This workshop aims to provide participants with a comprehensive understanding of OpenAI's language models

Instructor
**AJINKYA
LOHAKARE**
CTO & FOUNDER OF
DITTO SECURITY

Mr. Ajinkya Lohakare is a highly accomplished professional with a wealth of experience in the field of cybersecurity. As a security consultant, ethical hacking expert, and cyber security researcher, he brings a wealth of knowledge and expertise to the table.

In addition to his role as CTO of Ditto Security, an information security-based innovation center, Mr. Lohakare has also been a security consultant for Fortune 500 companies and law enforcement agencies.

He has also taught social engineering classes to many companies and government agencies and has assisted law enforcement in India, Bangladesh, and Sri Lanka on cybercrimes. With over 500 workshops and talks under his belt, including as a TEDx speaker and at events like JOSH TALK, VEDH TALK and THE DAIS CONCLAVE, Mr. Lohakare is a highly sought-after speaker and a true expert in his field.

Website : www.stannscollegehyd.com
E-mail : stann_college@yahoo.co.in

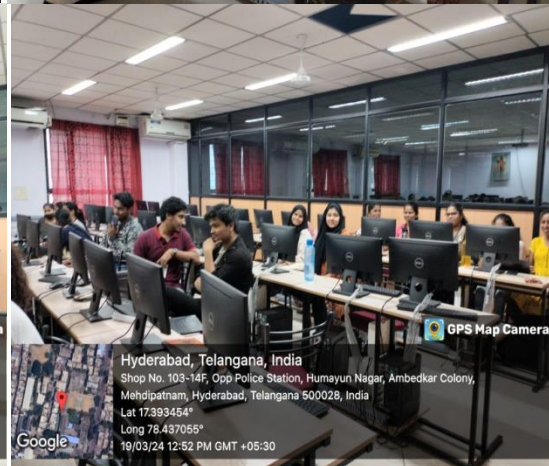
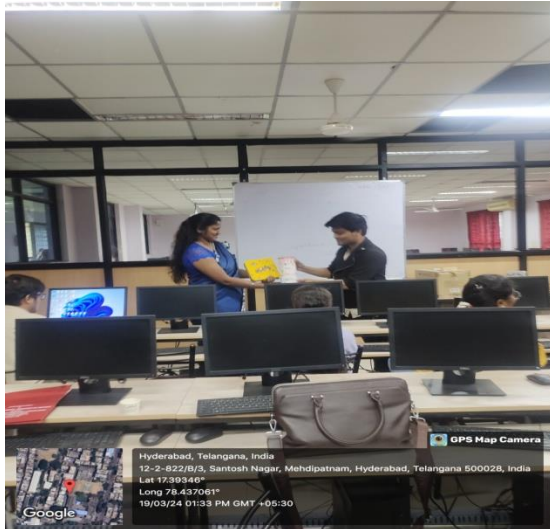
Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

WORKSHOP PICTURES





ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Microsoft Office specialist Course

Department of Business Management (MBA) in collaboration with Quantum Learnings organized a certificate Course "Working with Spreadsheet using Advance Excel" in the month of September-October 2023. Out of 60, 23 outstanding performance students received certificate from Microsoft Learn.

Hall Ticket No.	Name of the Student	Certificate From	Link
120422672060	Mahnour Fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672059	Safa javeed	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672058	HarshiniAkula	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672057	Vazirvineetha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672056	Sana Aziz	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672055	RatnapuriAkshita	Microsoft	https://drive.google.com/open?id=15UNdTr5kS7tteGPe6pgPP5CKrWm0QUFS
120422672055	RatnapuriAkshita	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672054	C manasa	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

			drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672053	Ishikaladdha	Microsoft	https://drive.google.com/open?id=1YfcuUAkb5ry5nXDjdfxfBhJyqd2Lqx
120422672053	Ishikaladdha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672052	MuthanagariVasavi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672051	Syeda NidaJaffri	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672050	kauserfatima	Microsoft	https://drive.google.com/open?id=1vwntyB3mgRAoaiU1x2Y7mwWFhBfrQJe
120422672050	Kauser Fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672049	Rakshandaqureshi	Microsoft	https://drive.google.com/open?id=168lxmIs9D-ZWr1oATuNJACCWmFGwkHL
120422672049	Rakshandaqureshi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672048	Sabaasmayeen	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672047	D. Prathyusha	Microsoft	https://drive.google.com/open?id=1XctC1dUFNPZl27Fpf_G



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

			9AXn-OYIPMtQ5
120422672047	D.prathyusha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672046	SadiaAmeen	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672045	Boddupallylavanya	Microsoft	https://drive.google.com/open?id=1awPh1TGUTXhbm1s-IQRDeHWAPB-jlIfo
120422672045	Boddupally Lavanya	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672044	Shazia Yousuf	Microsoft	https://drive.google.com/open?id=1iTOA7H33MIDkixz_b0rDyXc4JZLx79TE
120422672044	Shazia Yousuf	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672043	B.Pragnya	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672042	Mundundijavani	Microsoft	https://drive.google.com/open?id=1CmPsCHKuDRxgDck-qt5ZuHLHq-zyV6me
120422672042	Mundundijavani	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672040	SamreenaParveen	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

120422672039	KuradiSrivalli	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672038	M.sneha	Microsoft	https://drive.google.com/open?id=1sGDPPBxwkyJ8BAsx7GodkIVIMJIDP7KS
120422672038	Manne Sneha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672037	dasarirevathi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672036	B. StrellaNikhila Rani	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672035	Syeda Salwa Moin	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672034	Ale Sai pranavi	Microsoft	https://drive.google.com/open?id=1TbpDz5JnABFzPPg3Gd5o4PX6yCbgvOxr
120422672034	Ale.saipranavi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672033	Oraiza Sadaf	Microsoft	https://drive.google.com/open?id=1OxGrE5EQ1C6oesT6mRW821FDsJp5DDGH
120422672033	Oraiza sadaf	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672032	BasavarajuHemal	Quantum Learning	https://drive.google.com/dri



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

	atha		ve/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672031	Noorah Fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672030	UzmaFirdous	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672029	Parikitti Steffi	Microsoft	https://drive.google.com/open?id=1LtZiuwpxQdWzTU9B4werPSEkLkUGcs5
120422672029	Parikitti Steffi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672028	Amulya Velicheti	Microsoft	https://drive.google.com/open?id=18UwIjgnOC39POMDrE-UQ3RqGs4JDkNVn
120422672028	Amulya	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672027	DuggimpudiRishitha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672026	Keshavoina Monica	Microsoft	https://drive.google.com/open?id=1kqBqGxSISOmdrMG6wjhiouVEWDkkFdnO
120422672026	Keshavoina Monica	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672025	Ameena Fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

			drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672024	MadihaAkter	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672023	Syeda Sumaiya Maqsood	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672022	SoudapuVarsha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672021	Neha Fathima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672020	Kurella venu Priyanka	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672019	POOJITHA BAIRI	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672018	M Nandini	Microsoft	https://drive.google.com/open?id=1FxSUFbJdAlcAX6N7LP DaS3mto6dFX137
120422672018	M Nandini	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0 vg bmjDXHkkwqpi nw?usp=sharing
120422672017	Aqsa Tamkeen	Microsoft	https://drive.google.com/open?id=1zdvpptxF3XCmRoz_Ua M8XVQ5F7wc39G
120422672017	Aqsa Tamkeen	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

			drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672016	BJ.MichelleMalvina	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672015	S.Pranathi	Microsoft	https://drive.google.com/open?id=1Atx03A-czqtWsIxh1dSn9Ck9xQAV5Khy
120422672015	S.Pranathi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672014	Haseeb Unnisa	Microsoft	https://drive.google.com/open?id=1xatlO6Ra8pK6jOx7QqXd8jcGKWazrGf5
120422672014	Haseebunnisa	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672013	Sofia Fatima	Microsoft	https://drive.google.com/open?id=18DwAOK6GA60lFleD6SSYdkwGqT1eCcB
120422672013	Sofia fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672012	M. Jaya Prashastha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672011	Steffi crystal	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi-nw?usp=sharing
120422672010	Bandi Sai Deepthi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

			drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672009	GuthikondaVaishnavi	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672008	Sadaf Fatima	Microsoft	https://drive.google.com/open?id=1zzE2a6BDbuA7H_uGRqf_0drp-8-8LDIq
120422672008	Sadaf Fatima	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672007	MalihaKhatoon	Microsoft	https://drive.google.com/open?id=1feQMk8F4usx8pir2XckixNksZmqwkPC-
120422672007	MalihaKhatoon	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672006	Kummari Kavya	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672005	NismaJabri	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672004	Arwa Rasheed	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi_nw?usp=sharing
120422672003	Thakur Keerthana	Microsoft	https://drive.google.com/open?id=1Ws9oLIJpmGzbxHrPz_BXcmk7zb40IzBw
120422672003	Thakur Keerthana	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpi

Website : www.stanncollegehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

			nw?usp=sharing
120422672002	G SNEHA	Microsoft	https://drive.google.com/open?id=1XRWR6Dk5o1dJA5bNRIHsUPvtiPreytck
120422672002	G Sneha	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing
120422672001	CH Nireekshana	Quantum Learning	https://drive.google.com/drive/folders/1zGYpR-drTXi0s0_vg_bmjDXHkkwqpinw?usp=sharing



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

Three Day workshop on Computer Aided Drug design and Discovery

DAY 1 : 23rd November, 2023

SESSION 1 – 10.00 a.m. – 12.00 noon

The Department of Chemistry in association with Make intern, E Cell IIT-Kharagpur has successfully inaugurated the **Three Day Zonal centre program** in association with Make Intern, E Cell, IIT Kharagpur on 23rd November 2023. Dr. Sr. A. Vijaya Rani, Principal, St. Ann's College, welcomed the dignitaries and the audience. The keynote speaker for the inaugural ceremony was Dr. N. Shankaraiah, Associate professor, Department of Chemical Sciences and Controller of Examinations, NIPER, who enlightened the students of UG and PG on his areas of research focusing on Cancer Drug design y.



the Annual newsletter “**Elements**” during the inaugural ceremony by the Dignitaries. The Program ended with the Vote of Thanks followed by the hands-on training to the registered students.

SESSION 2 – 12.30 p.m. – 4.00 p.m.

The live certification program on computer-aided drug designing and discovery Through interactive sessions, hands-on workshops, and expert-led lectures, participants delved into the intricate world of computational methods used in drug discovery. The program provided a comprehensive understanding of



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.



molecular modelling, simulation techniques, and the application of computational tools in designing potential therapeutic agents. The practical approach and guidance from industry professionals equipped attendees with valuable skills and insights crucial for the evolving landscape of pharmaceutical research and development. The program's engaging format and rigorous curriculum made it an invaluable opportunity for anyone passionate about the intersection of chemistry, technology, and medicine. The students were made to use **'Molecular drawing Discovery studio'** to draw the molecules and **'Pymol'** to view the 3D structure of the protein and ligand.

DAY 2 : 24th November, 2023

Day 2 training started from 9.00 in the morning where the platform enabled exploration and manipulation of molecular structures, facilitating the understanding of structure-activity relationships crucial in drug development. Additionally, leveraging protein structures from the National Center for Biotechnology Information (NCBI) provided a real-world context, allowing participants to analyze, model, and simulate various protein structures. The utilization of these advanced tools and databases from NCBI offered a practical approach, empowering participants to apply theoretical knowledge to real-world scenarios, a pivotal aspect in the realm of computer-aided drug design. The students used - **'Protein Secondary structure prediction - NCBI blast'** to collect the information of the protein molecule & and its sequence using Protein ID - **'Swiss model'** to search for a template using the target sequence - **'Save server'** to check and verify the template using Ramchandran plot - **'PDB (in offline method)'** to



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

collect the information of the particular protein using its ID - '**Modeller app**' to get the sequence of the template by running the scripts in the app, in order to run the sequence in Swiss model website.

On day 3 the students experienced working with '**Molecular docking and Auto dock app**' to dock the ligand into the protein and to run the program via auto grid and auto dock, in order to know how well the ligand fits into the protein.

With the instructor whose explanations were not only thorough but also interactive and easily comprehensible had significantly enhanced the learning experience for the students. The teaching style not only demystifies complex concepts but also engages learners effectively, fostering a deeper understanding of the subject matter. Interactive sessions created an environment where questions are welcomed, active participation was encouraged and more enriching educational experience was provided. The instructor's approach made the complexities of computer-aided drug design accessible and enjoyable for everyone involved in the certification program.

The session concluded with a vote of thanks and Certificate of Appreciation from St. Ann's College for Women to Dr. Tanneru. Make Intern and E-cell, IIT-Kharagpur acknowledged the institution, Principal and Head, Ms. Nazia fathima with Certificate of Excellence and Certificate of Appreciation respectively.



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)
Affiliated to Osmania University
Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC
ISO 9001 : 2015 ISO 14001 : 2015
Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Advanced Molecular Biology Techniques

Title of the activity: Workshop on “Advanced molecular biology techniques”

Year of implementation (DD-MM-YYYY) : 12-12-2023 & 13-12- 2023

No. of students: 22

Details of the Resource person: Dr. Md Imran, Research Scientist, School of Life Sciences, University of Hyderabad

Objective (1-2): 1. Enhancement of practical skills

2. Protocol standardization

Brief summary of the activity:

Two day workshop was organized for 2nd year Genetics students. 20 students participated in this workshop which gave them hands-on training on DNA isolation from bacterial and Plant sources, screening of bacteria for growth promoting traits, Identification of microbes at molecular level by 16S RNA Gel electrophoresis of isolated DNA, PCR amplification of purified fragments, and Western Blotting demonstration. Bioinformatics tools BLAST & MEGA.

Outcome (relating to the objectives):

Students were able to learn and perform the techniques ; they also standardized the relevant protocols

Feedback:

Students given live demonstrations of a variety of molecular biology techniques. During the workshop, students shared their experiences. The workshop was greatly appreciated by the students. On the first day, all the equipment's uses and applications were explained; the theoretical aspects of the experiments were explained, on the second day the molecular techniques and troubleshooting errors were demonstrated.

Website : www.stanncollegehyd.com
E-mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Osmania University

Accredited A+ Grade by NAAC (3rd Cycle), College with Potential for Excellence by UGC

ISO 9001 : 2015 ISO 14001 : 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

