

LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

www.loyolaacademy.edu.in



REPORT OF STUDENT CENTRIC METHODS

NAAC

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



Report of Student Centric Methods



SCHOOL OF SCIENCE

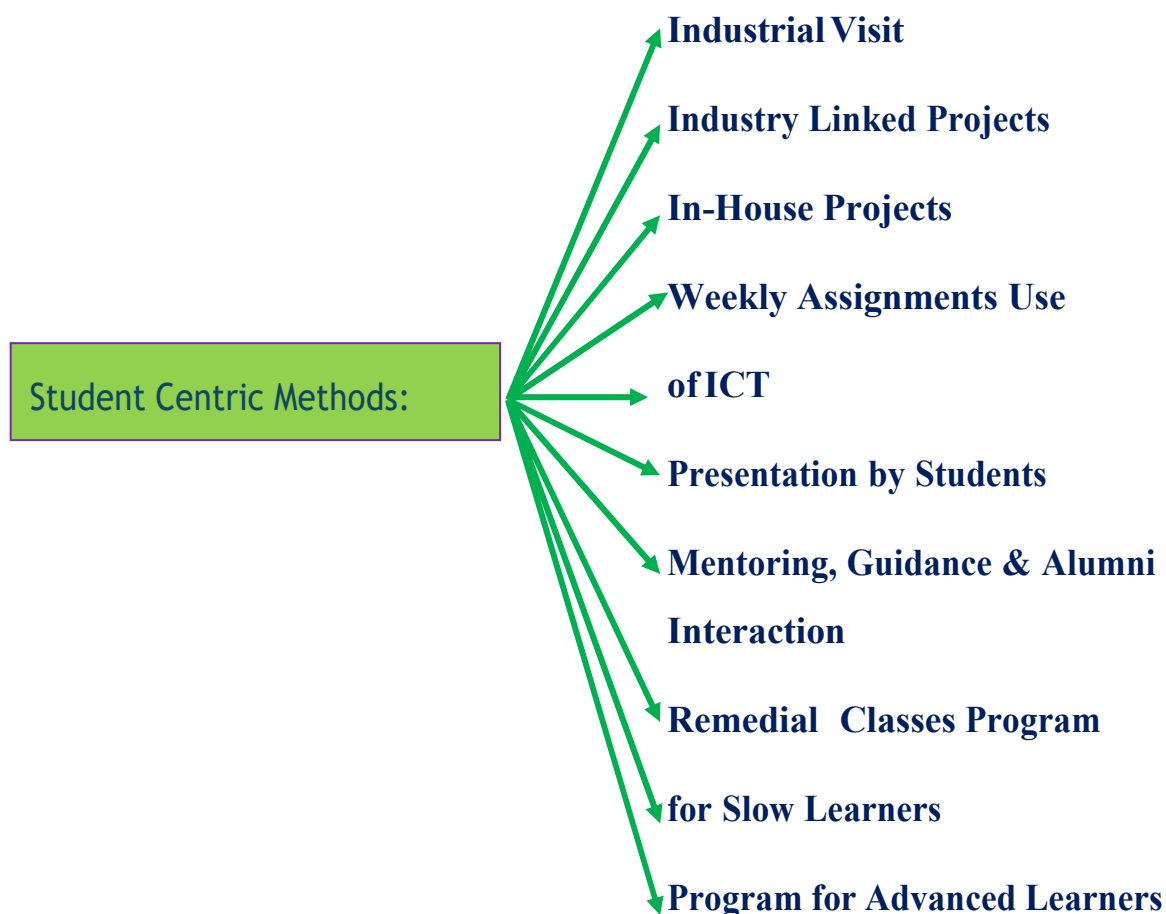
Department of Chemical Technology

Student-Centric Method Report

(2023-24)

Objective: the objective is to empower students to take ownership of their learning journey, develop critical thinking skills, and cultivate a genuine passion for learning. Furthermore, student-centric methods seek to create inclusive and equitable learning environments where every student feels valued, supported, and empowered to reach their full potential, ultimately preparing them for success in the 21st century.

The following methods are being adopted as a student-centric approach in the teaching-learning process:



Industrial Visit Report

Date of the Event: 19th January 2024

Place of the Visit: Prathista Industries - Nutraceuticals, Chowtuppal, Telangana

Total Strength Visited = “57” students (“12” female and “45” male) + “5” Faculty (“3” male and “2” female)

Total No of Female Students = “7” (DCT-3rd years) + “5” (NCT= 2nd years) = 12

Total No of Male Students = “22” (DCT) + “24” (NCT) = 45

Objective: To gain a thorough understanding of various unit operations and unit processes used in a particular industry to transform raw materials into value-added marketable products.

Department of Chemical Technology in association with the Institute Innovation Council (IIC) has organized a one-day industrial visit to Prathista Industries - Nutraceuticals, Chowtuppal, Telangana on 19th January 2024.

Prathista Industries - Nutraceuticals was incorporated in 1996 by a young, first-generation entrepreneur, founder, and promoter – **Dr. Sairam** with the concept of “Waste into Wealth”.

The industry is manufacturing and marketing its products in the form of four verticals namely Pharma (gluconic acids and their salts, lactic acid and its salts, lacto-gluconates), Food (natural mold inhibitor, cheese component, natural vinegar, and natural meat preservative). Animal health care (supplements for cattle and poultry feed), Agriculture (organic agricultural inputs, bio-fertilizers, bio-pesticides, bio-control agents, botanical crop protectants), together with some organic solvents, biofuels, and so on. Students and faculty were initially allowed from the main gate of the industry premises with each student’s details entered into the register, collecting mobile phones (since mobiles are not allowed on the premises) and a mask was provided to each one of us. The learning journey started with a detailed briefing of the safety procedures and protocols to be adopted throughout the visit. The plant and hazards that are probable in occurrence along with the instructions on safety and equipment to use during untimely accidents (possibly fire). Then an introductory session about all the verticals of the industry and various manufacturing processes in commercial, pilot plant, research, and development by the team of three members:

1. Dr. Abhishek Mathur, DGM, Global Business and Head, Pilot Plant
2. Dr. Ranganathan, Manager (R&D)
3. Dr. Pavan, Asst. Manager (R&D)

After a brief lecture session of 1.5 hours, the students were taken over to the main plant and were given proper insight into the functionalities of this plant and their processes right from the beginning process of raw material to its finished product and their by-products. Then we were shown the complete plant and unit-wise equipment for proper understanding. All of us have been shown and valuable insights were shared about various fermenters, dryers, centrifuges, boilers, filters, effluent treatment plants, etc. We were taken to their state-of-the-art R&D section and a pilot plant (funded by the World Bank). We all learned the importance of R&D in the organization and how R&D supports the growth of the organization. The state-

of-the-art equipment such as high-performance liquid chromatography, atomic absorption spectroscopy, etc. were explained in detail. Around 4: 30 PM we had lunch at the canteen premises of the company. At last, they explained various job opportunities and possible roles in the industry as per the qualifications and experience. Finally, every student was guided on opportunities giving them an idea about how well their coursework has made them eligible for various positions in the company. As a HOD, I requested to provide internships to the 2nd year students and placements to the final-year students. To which they responded positively and assured to recruit our students through campus placement drive.

Outcome: As a student, we are immensely satisfied with this visit where we learned and saw many pieces of equipment that were taught to us during our course of study. This kind of exposure will give us a practical experience enhancing our overall perception of the learning process.



Glimpses of the visit are as follows:



Dr. Zakir Hussain

HOD-Chemical Technology

SCHOOL OF INFORMATICS

DEPARTMENT OF B. Sc. COMPUTER SCIENCE AND ENGINEERING

STUDENT CENTRIC METHODS REPORT 2023-24

1. The Department has conducted a seminar on “Analytics Business Career Development”.

Date: 22-09-2023

Purpose: The main aim of this seminar is to enhance students’ technical skills and knowledge in a specific area or field, such as programming, data analysis, or hardware maintenance.

Report :The Department has organized a seminar on 22nd September,2023 .The seminar was given by Swathi Rusheetha Founder, CEO, Knowvation Learning Pvt LTD.

Review: Students gained a foundational understanding of AI and enhanced practical skills . Networking opportunities enabled knowledge exchange among attendees.

The Seminae provided a strong foundation for those interested in pursuing further studies or careers in AI and ML

Photos:





2. The Department has conducted a group discussion on “How to use python programming to solve a problem in different ways”.

Date: 10-01-2024

Purpose: The objective of this group discussion was to expose the students with their own ideas about solving problems by using python programming and make them overcome their fear of disclosure to the world.

Report: The discussion was conducted in the presence of Mrs. Anitha Ma'am. The students were divided into two groups. One group told one way of solving method and another group need to talk about other way of solving method against their opposite group. Both the group's students came up with very inquisitive questions and answers.

Review: Many of the students have overcome their fear of talking in groups. And they also learnt how to utilize the resources in a limited manner and in a good essence.

Photos:



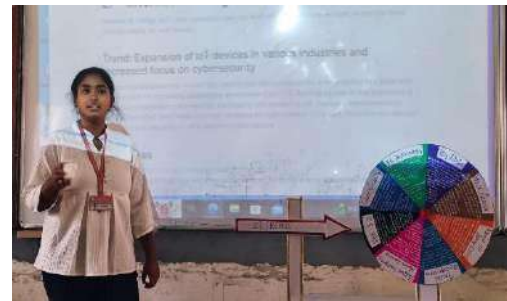
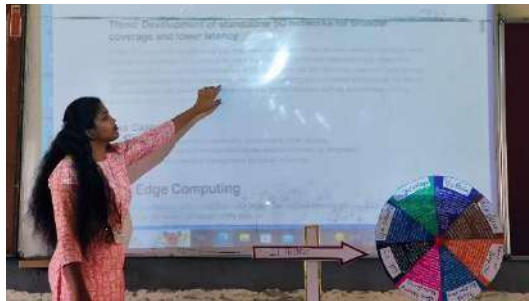
3. The Department has conducted a Seminar on “Current IT Trends”.

Date: 28-02-2024

Purpose: The main aim of this seminar is to make students gain knowledge about the current emerging IT trends..

Report :The Department has organized a seminar on 21st February,2023 .The seminar was given by Likhitha(111722013007) and Navya(111722013012) from NCS.

Review: Students have learned about current IT trends and their importance.



B.Sc.Computer Data Science and Data Analytics Engineering

Student Centric Method Report 2023-2024

INDUSTRIAL VISIT

PLACE:T-HUB

PURPOSE:

The main aim of this industrial visit is to provide an exposure to students about practical working environment.It provides students a good opportunity to gain some awareness and also to express their ideas openly.

REPORT:

An industrial visit for the students of Bsc. Computer Data Science And Data Analytical Engineering (2nd year) was conducted on 5th of January 2024.

A summit was conducted by the WTITC(World Telugu IT Conference).”The WTITC 2024 Arrival Summit”, A gathering of industry leaders, innovators, and experts converging to discuss the latest trends, challenges, and opportunities. Seminar was conducted by one of the leading IT company Visualpath ed tech on the different opportunities that are provided by them. An app was launched by our honourable IT minister-D. Sridhar Babu and many more seminars and activities were conducted.

PHOTOS:



CONCLUSION:

The industrial visit to T-Hub provided valuable insights into the dynamic world of startup incubation and innovation. The facility's commitment to nurturing entrepreneurship and fostering collaboration is evident in its well-designed infrastructure and support programs. T-Hub stands as a catalyst for economic growth and technological advancement, contributing significantly to the development of a robust startup ecosystem

We extend our gratitude to T-Hub for facilitating this educational opportunity, and we look forward to further collaborations that will benefit both our students and the vibrant startup community.

SEMINARS

***Date: DCDS
SEMINARS***

Objective: The objective of this Seminars is to make students aware of basics Machine Learning .

Report: The students of DCDS took part in the Seminars conducted by HIRANYA LAXMI , under the guidance of our HOD V. SHIRISHA .

TOPIC: “ HADOOP ECOSYSTEM ”

Introduction:

The Hadoop ecosystem is a collection of open-source software tools and frameworks designed to facilitate the storage, processing, and analysis of large volumes of data in a distributed computing environment. At its core is the Hadoop Distributed File System (HDFS), which enables the storage of massive datasets across clusters of commodity hardware.

The key components of the Hadoop ecosystem include:

HDFS (Hadoop Distributed File System): A distributed file system that provides high-throughput access to application data.

MapReduce: A programming model and processing engine for distributed processing of large datasets across clusters of computers.

YARN (Yet Another Resource Negotiator): A resource management layer that enables different data processing engines to run on top of Hadoop, allowing for more efficient resource utilization.

Hive: A data warehousing infrastructure built on top of Hadoop that provides a SQL-like interface for querying and analyzing data stored in HDFS.

Pig: A high-level scripting language for expressing data analysis programs, which can be translated into MapReduce jobs and executed on a Hadoop cluster.

HBase: A NoSQL database that runs on top of Hadoop and provides real-time read/write access to large datasets.

Spark: An open-source, distributed computing system that provides an interface for programming entire clusters with implicit data parallelism and fault tolerance.

Kafka: A distributed event streaming platform that allows for the ingestion, storage, and processing of real-time data streams.

Sqoop: A tool designed for efficiently transferring bulk data between Apache Hadoop and structured data stores such as relational databases.

Flume: A distributed, reliable, and available service for efficiently collecting, aggregating, and moving large amounts of log data.

Oozie: A workflow scheduler system to manage Hadoop jobs.

Advantages:

Scalability: Hadoop allows for horizontal scalability, meaning you can easily add more nodes to the cluster to handle increased data processing requirements without significant changes to the infrastructure.

Disadvantages:

Complexity: Setting up and managing a Hadoop cluster requires expertise and can be complex, especially for organizations lacking in-house technical skills or resources.

Learning Outcome:

. **Understanding Distributed Computing:** Learning how Hadoop distributes data and processing tasks across a cluster of nodes helps develop a solid understanding of distributed computing principles.



B.Sc.Computer Data Science and Data Analytics Engineering

2023-2024

QUIZ

Date: NCDS QUIZ

Objective: The objective of this Quiz is to make students aware of basics of Networking.

Report: The students of NCDS took part in the Quiz conducted by REKHA , under the guidance of our HOD V. SHIRISHA MA'AM.

TOPIC: “ Fundamentals of Computer Networks” Introduction:

Computer Networking is the practice of connecting computers together to enable communication and data exchange between them. In general, Computer Network is a collection of two or more computers. It helps users to communicate more easily.

Basic Terminologies of Computer Networks

- **Network:** A network is a collection of computers and devices that are connected together to enable communication and data exchange.
- **Nodes:** Nodes are devices that are connected to a network. These can include computers, Servers, Printers and other devices.
- **Protocol:** A protocol is a set of rules and standards that govern how data is transmitted over a network. Examples of protocols include HTTP and FTP
- **Topology:** Network topology refers to the physical and logical arrangement of nodes on a network. The common network topologies include bus, star, ring, mesh, and tree.
- **Service Provider Networks:** These types of Networks give permission to take Network Capacity and Functionality on lease from the Provider. Service Provider Networks include Wireless Communications, Data Carriers, etc.
- **IP Address:** An IP address is a unique numerical identifier that is assigned to every device on a network. IP addresses are used to identify devices and enable communication between them.
- **DNS:** The DNS is a protocol that is used to translate human-readable domain names (such as www.google.com) into IP addresses that computers can understand.
- **Firewall:** A firewall is a security device that is used to monitor and control incoming and outgoing network traffic. Firewalls are used to protect networks from unauthorized access and other security threats.

B.Sc.Computer Data Science and Data Analytics Engineering

2023-2024

GROUP DISCUSSION

- **Date:** *ACDS GROUP DISCUSSION*
- **Objective:** The objective of this Group Discussion is to make students overcome the fear of expressing their ideas and opinions.
- **Report:** The students of ACDS took part in the group discussion conducted by BHANU SHREE , under the guidance of our HOD V. SHIRISHA .
- **TOPIC: “Applications of data structures and algorithms”**
- **Introduction:**

Data Structures and Algorithms form the bedrock of computer science and software engineering. They enable us to write efficient programs, solve complex problems, and build innovative technologies. Throughout our discussion, let's explore various aspects of DSA and appreciate its importance in the world of computing.

1. **Software Development:** DSA is fundamental in software development for tasks like designing efficient algorithms for sorting, searching, and data manipulation.
2. **Database Management:** DSA is crucial for designing efficient data storage structures, indexing techniques, and query optimization algorithms.
3. **Networking:** DSA helps in designing efficient routing algorithms, network protocols, and data compression techniques for transmitting data over networks.
4. **Artificial Intelligence and Machine Learning:** DSA is used in designing algorithms for tasks like pattern recognition, optimization, and machine learning algorithms like decision trees and neural networks.
5. **Graphics and Gaming:** DSA is used in designing algorithms for rendering graphics, collision detection, pathfinding, and game AI.
6. **Web Development:** DSA is used in designing efficient data structures for handling large datasets, optimizing web server performance, and designing search algorithms for web applications.

7. Operating Systems: DSA is used in designing process scheduling algorithms, memory management techniques, and file system algorithms in operating systems.

8. Embedded Systems: DSA is used in designing algorithms for real-time processing, sensor data fusion, and power optimization in embedded systems.

Learning Outcome:

1. Understanding the fundamentals of data structures and algorithms.
2. Identifying real-world applications and use cases.
3. Improving problem-solving skills.
4. Appreciating the importance of efficiency in software development.
5. Gaining hands-on experience in implementing algorithms.
6. Developing critical thinking and analysis skills.

DEPARTMENT OF COMPUTER SCIENCE AND COGNITIVE SYSTEMS

STUDENT CENTRIC DATA

A TALK ON “COGNITIVE COMPUTING” BY MR.KOMPELLA PHANI KUMAR IT
PROFESSIONAL, CONSULTANT TCS

OBJECTIVES: To bring awareness among the students of computer science and cognitive systems Regarding COGNITIVE COMPUTING and made the session very interesting.

BREIF ABOUT THE EVENT:

Department of COMPUTER SCIENCE AND COGNITIVE SYSTEMS Conducted Seminar On 9th January 2024 at PG, Loyola Academy, Hyderabad . The Resource person - Mr.Kompella phani kumar IT Professional Consultant TCS Hyderabad has delivered guest lecture on the topic – Cognitive Computing. The speaker started with the topic “cognitive computing hype or reality??” followed by an introduction about how humans have still not lost their jobs even after the invention of computer. Then he spoke about the application of cognitive computing which included Banking, Logistics, Retail Healthcare etc... further, we got to know about how AI was only limited to research aspects earlier and now it has become a part of our lives directly or indirectly and no doubt ,is a booming technology. He spoke about the main difference between cognitive computing in the development of new technologies like AI. He mentioned that there are both positive and negative impacts to AI like AI can decrease our workload but also but people’s jobs at risk. AI still needs proper guidelines to be framed in order to be more ethical and needs reference in providing outputs.

We Thank Rev. Father Dr. L. Joji Reddy, Prinicpal, Loyola Academy, for giving us permission to conduct a talk which was quite beneficial to the students. Special thanks to Rev Father Dr.A.M.Joseph KumarSJ, for coming and motivating students. We thank Dr. Anitha Mary, Dean, School of Informatics, Loyola Academy for constant encouragement and motivation.

OUTCOME :The lectures were very informative and inspirational to students. Students got a better opportunity to learn about an explicit topic .After the talk all students interacted with- Mr.Kompella phani kumar sir and solved their queries related to topic.

Report on Quiz Conducted on SCOM on 6/9/23

Introduction: Faculty member A. Varalakshmi recently conducted a quiz centered around System Center Operation Manager (SCOM), a Microsoft monitoring solution. This report outlines the objectives of the quiz and explores the advantages it offers to participating students.

Quiz Overview: A. Varalakshmi's quiz on SCOM aimed to assess students' understanding of key concepts related to monitoring and management of IT infrastructure using SCOM. The quiz comprised multiple-choice questions, scenario-based inquiries, and practical exercises designed to evaluate students' knowledge and skills in this domain. Varalakshmi utilized various teaching aids, including presentations, demonstrations, and hands-on activities, to facilitate learning and preparation for the quiz.

Benefits to Students: Participating in the quiz on SCOM offered several benefits to students:

1. **Enhanced Understanding:** By engaging with quiz questions and scenarios, students deepened their understanding of SCOM functionalities, including monitoring, alerting, and performance analysis.
2. **Application of Knowledge:** The quiz encouraged students to apply theoretical concepts learned in class to practical scenarios, fostering critical thinking and problem-solving skills.
3. **Feedback and Assessment:** Through the quiz, students received immediate feedback on their performance, allowing them to identify areas of strength and weakness. This feedback loop facilitated continuous improvement and personalized learning.
4. **Active Learning:** The interactive nature of the quiz promoted active learning, with students actively participating in discussions, debates, and collaborative problem-solving activities related to SCOM.
5. **Real-World Relevance:** By exploring real-world scenarios and case studies during the quiz, students gained insights into the practical applications of SCOM in industry settings, preparing them for future career opportunities in IT infrastructure management.
6. **Motivation and Engagement:** The quiz served as a motivational tool, inspiring students to delve deeper into the subject matter and strive for academic excellence. It also fostered a sense of camaraderie and healthy competition among peers.





Conclusion: Faculty member A. Varalakshmi's quiz on SCOM provided students with valuable learning experiences and opportunities for growth. By engaging with quiz questions, scenarios, and practical exercises, students enhanced their understanding of SCOM concepts, developed critical thinking skills, and received personalized feedback for improvement. The quiz not only contributed to academic learning but also prepared students for real-world challenges in IT infrastructure management. Overall, conducting quizzes on SCOM and similar topics is instrumental in promoting active learning, skill development, and student engagement in educational settings.

DEPARTMENT OF COMPUTER SCIENCE AND CYBER SECURITY

ACADEMIC YEAR 2023-24

STUDENT CENTRIC REPORT

We the department of computer science and cyber security, we aim to improve student learning by implementing more interactive teaching methods. This method explores simple yet effective ways to engage students during presentations and group discussions.

Objectives:

- Find easy-to-implement student-centric methods.
- Assess how these methods boost student involvement.
- Provide practical recommendations for implementation.

Methods:

We reviewed teaching techniques and looked at real-life examples to find approaches suitable for our department. We focused on methods that require minimal resources and are easy for both students and instructors.

Student-Centric Methods for Presentations:

- Peer-led Presentations: Students work in small groups to research and present topics to their classmates.
- Flipped Classroom Approach: Students study materials before class and use class time for discussions and presentations.
- Role Reversal Presentations: Students take turns presenting and giving feedback to each other.

Student-Centric Methods for Group Discussions:

- Think-Pair-Share: Students think individually, pair up to discuss, then share with the whole class.
- Debate Format: Students debate topics in groups, exploring different viewpoints.
- Fishbowl Discussions: Small groups discuss topics while others observe and reflect.

Effectiveness and Recommendations:

These methods enhance student engagement and improve critical thinking skills. To succeed, create a supportive environment, set clear expectations, and be open to feedback. Flexibility is key to adapting to students' needs.



ACADEMIC YEAR 2023-24

DEPARTMENT OF COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

STUDENT CENTRIC DATA

1)INDUSTRIAL VISIT **ACADEMIC YEAR: 2023-2024**

The 2nd year and 3rd year students from the Department of B.Sc. Computer Science and Artificial Intelligence went on a one-day industrial visit on 16th December 2023 to gain knowledge about how computers play a major role in airport management. The students along with Faculty visited GMR Aerospace & Industrial Park. It is located at Shamshabad Airport.

OBJECTIVE OF INDUSTRIAL VISIT:

Main objective of industrial visit is to provide an exposure to students about practical working environment. Visit is especially important in the field of Aviation management and emerging technologies such as CyberSecurity and Artificial Intelligence. These practical exposures help students to understand how the real-world functions using the real time technologies.

It also enhances the opportunities of career guidance and gain insights into potential career paths including skills and qualifications required for success in the rapid evolving landscape.

PURPOSE:

The purpose of this industrial visit was to gain knowledge about how the backend of an airport is essential for smooth flow of all passengers and security related managements.

Understand how A.I is being used in the real-world and how it is helpful in problem solving.

COMPANY PROFILE:

GMR Group is an Indian multinational conglomerate headquartered in New Delhi. The group was founded in 1978 by Grandhi Mallikarjuna Rao (G M Rao) and comprises several companies including GMR Infrastructure, GMR Energy, GMR Airports, GMR Enterprises. Employing the public-private partnership model, the Group has implemented several infrastructure projects in India. The Group also has a global presence with infrastructure operating assets and projects in several countries including Philippines and Greece.

GMR Group owns, develops, operates and manages airports, major energy utilities, highways and urban infrastructure facilities. With a net asset base of nearly US\$6 billion, GMR Group is one of the largest infrastructure development companies in India.

What we Learnt:





The students were addressed by Mr. PA Naidu of Information Sharing and Analysis Center (ISAC Foundation). He presented a PPT about how A.I and Cyber Security hand to hand are very important for the future. He told the students about how vulnerable the data of an individual on the internet can be and how we should be tackling problems when they occur.

The students were also shown 3D scale models of the various architectural structures that the GMR Group stake care of, which were embedded with Raspberry Pi Pico boards which help in remote access to circuit board operations

OUTCOME OF THE VISIT:

- 1) It helped the students in gaining knowledge about internal working of companies.
- 2) It allowed the students to get to know the real-time use of the technologies that they study about in the academy.
- 3) It is a motivation to the students to strive for the goals that they desire for their life, which can be achieved by having spectacular knowledge and performing up to the mark.
- 4) It provided vast knowledge to students on how A.I and Cyber Security have a major role in the future.
- 5) It also helped the students to understand the various opportunities they have in the field of artificial intelligence and cyber security.

Workshop ON

Embedded Systems & Raspberry Pi Pico Based Technologies

Date: 25th September 2023 & 26th September 2023

Organized by: IQAC, the School of Informatics, and the Department of BSc. Computer Science and Artificial Intelligence In Collaboration With Siddhartha Technologies & Services

Objective: To Introduce and Explore Raspberry Pi for Educational and Practical Applications

Introduction:

The Raspberry Pi workshop organized by Loyola Academy aimed to provide participants with hands-on experience in working with Raspberry Pi, a versatile single-board computer. The workshop focused on both theoretical understanding and practical applications of Raspberry Pi in various fields.

This workshop is a Two Day Training on Embedded Systems & Raspberry Pi Pico Based Technologies

DAY - 1

Agenda:

Session 1

- Introduction & Basic embedded system & Boards
- Classification & Application and Microcontrollers &

Sensors Session 2

- Introduction to Raspberry Pi Pico
- Simple project ideas & Practical 1

- Circuit making using Arduino ID & Pico board
- Simple project ideas & Practical 2

DAY – 2

Agenda:

Session 1

- Micro Python Introduction & Embedded board practical 1
- Embedded board Practical 2

Session 2

- Raspberry Pi Pico W based project 1
- Raspberry Pi Pico W based project 2 (IoT

Based)Question & Answer Session



Outcomes:*

1. Participants gained a solid understanding of Raspberry Pi & Embedded systems and its applications.
2. Practical skills were developed through hands-on coding and project work.
3. Participants expressed enthusiasm about integrating Raspberry Pi & Embedded Systems into their academic and personal projects.

Conclusion:*

The Raspberry Pi & Embedded Systems workshop conducted by Loyola Academy successfully achieved its objectives, providing participants with a comprehensive introduction to Raspberry Pi & Embedded Systems and fostering practical skills. The positive feedback reflects the success of the event in engaging and inspiring participants to explore the vast possibilities of this affordable and powerful computing tool.

Department of Computer Science and Internet of Things

Report on Student Centric Method

Academic year 2023-2024

The CSIOT Department adopts a teaching model that emphasizes delivering instruction with a student-centric perspective. Along with fostering independence and strengthening students' confidence, this practice helps students move from being relegated to the role of passive recipients to active and participating stakeholders. In a teacher-centric classroom, it is impossible to meet every student's needs and expectations while still expecting a consistent level of learning from them all since kids differ in their comprehension and absorption capacities. By letting each student understand at their own level, the teacher helps the class learn by making sure they participate in class activities, which allows them to learn and process material at their own rate.

The department's course is described with an emphasis on the goals of each course, as well as the particular goals and outcomes of each program. This gives the learner a thorough idea of what should be the main focus from the very beginning of the course. At the end of the course, it also aids in their self-evaluation of their performance. Students' feedback on the course and professors at the conclusion of each semester offers a chance to find any gaps that may subsequently be filled.

Teachers try to make their classes as participatory as they can, promoting creative thinking and fresh perspectives. The Departments use a variety of techniques, including audio-visual approach, industrial visits, field work, and projects, to offer experiential and interactive learning.

The design of internal exams encourages pupils to work on their own. Students must turn in written assignments, which they must complete independently by conducting research on the assigned topic. This will help them become more confident writers, improve their style, and cultivate an interest in research projects. The second part of internal assessment is seminars, where students present their work in front of the class. This helps them get over stage fright and improve their oratory skills.

Courses in Ability Enhancement, Generic, and Skill Enhancement are available to help students get ready for life. Non-CGPA courses offer arts, such as calligraphy, to help students develop

their aesthetic sensibilities. Students can engage, integrate, and learn thanks to the establishment of the NSS Cell and NCC unit.



Mobile Lab Program conducted at Andhra Mahila sabha junior college, Osmania university campus

MCA STUDENT CENTRIC METHODS

1. REPORT ON GUEST LECTURE ON

Department of Master of Computer Application in Loyola Academy P.G has conducted a guest lecturing on 28.08.2023 in PG seminar hall, Fr.Balaiah Block, Loyola Academy. All the students of AMCA were present at this knowledge sharing session. This lecture was delivered by Dr.A.V Krishna Prasad, Associate Professor, MVSR EC, Nadergul, Hyderabad. The guest lecture was scheduled at 9:30am and ended at 12:30pm.

Dr.A.V Krishna is a professor in MVSR EC and he specialises in multiple areas, in this particular lecture he has taken up the topic “**Time series analysis using R**”. He has published multiple books and has even collaborated with Dr.Seema Acharya in writing the book, “Data analytics using R”.We use this book as a reference for studying Data science as part of our curriculum.



- *Overview:*

In this particular lecture, the most fundamental topics like the usage of R, introduction to data collection, different types of data required for different analysis to tone up our understanding. Then the introduction to time series analysis and what they actually mean and how they are used were explained. This was made very interactive and interesting by taking up most recent real life examples which made the lecture more engaging. Post giving the conceptual insights, the practical application of Time Series, predictive analysis using time series and prediction using ARIMA were demonstrated. After his lecture the students were given time to interact with the dignitary. Through the interaction, several other information about the Time series

and regression were discussed and the primary reasons why we choose Time series data over other types of data were clarified by providing real life examples.



- *Conclusion:*

The lecture was of great success. It helped students to understand the basic difference between Time series and other types of data, why we need to use time series for particular data. The lecture further helped deepen the knowledge of the students on Data Science. The lecture came to an end with the vote of thanks to Dr. A.V Krishna Prasad, delivered by Mrs.K.Bharathi, Head of the Department - MCA.

2. REPORT ON GUEST LECTURE ON AGILE DEVELOPMENT

The P.G. Department of Master of Computer Application in Loyola Academy conducted a guest lecture on 20.01.2024 at Fr. Balaiiah Block(Room no-8), Loyola Academy. All the students of NMCA were present at this knowledge sharing session. This lecture was delivered by Mr Atheeq, Full stack developer and Mr. Raghavendra, UI Developer, DEFTeam, Hyderabad. The guest lecture was scheduled at 10:30am and ended at 11:30am.

Mr Raghavendra is a UI Developer at DEFTeam, In this particular lecture he has taken up the following topics:

- The general meaning of a Project
- Drawbacks of Waterfall Model
- Agile Framework
- Agile principals



Mr Atheeq is a Full stack developer at DEFTeam, In this particular lecture he has taken up the following topics:

- Agile methodologies
- Scrum Workflow
- Traditional waterfall model
- Product Backlog



Both the speakers conducted a detailed questionnaire session for the students where they cleared doubts of the students regarding the real-world software industry and the technologies that are trending in it.

They also suggested a few hacks that the students can use to survive the cut throat competition of the industry.

Overview:

Understanding Agile Principles: The lecture provided a comprehensive overview of the Agile Manifesto and its underlying principles. Attendees gained insights into the values of flexibility, collaboration, and customer-centric development.

Exploration of Agile Methodologies: Different Agile methodologies such as Scrum, Kanban, and Extreme Programming were discussed in detail. The pros and cons of each approach were highlighted, allowing participants to understand their applicability in various scenarios.

Roles and Responsibilities: A clear understanding of the roles and responsibilities within an Agile team was emphasized. The roles of Scrum Master, Product Owner, and Development Team members were clarified, enabling participants to grasp the importance of collaboration.

Overview of Agile Ceremonies and Artifacts: The lecture covered Agile ceremonies such as Sprint Planning, Daily Stand-up, Sprint Review, and Sprint Retrospective. Additionally, attendees gained knowledge about key Agile artifacts like Product Backlog and Sprint Backlog.

Agile Best Practices: The importance of Continuous Integration, Test-Driven Development (TDD), and writing clear User Stories with Acceptance Criteria were discussed as essential Agile best practices. These practices contribute to efficient development processes and high-quality deliverables.



Session Outcome:

Students enthusiastically attended the lecture and responded positively to both the speakers and the session.

They got an insight into various real world software engineering applications.

They claim to be mentally prepared to face the agile environment.

Students also learned about Scrum, Kanban and XP, the three methodologies that are currently being used in the software industry.

During the questionnaire the guest lecturers provided students with valuable details regarding the current technologies required to get a head start to their IT careers.

Conclusion:

The lecture was of great success. The guest lecture on the Agile framework provided valuable insights and practical knowledge to the participants. The session successfully enhanced their understanding of Agile principles, methodologies, best practices, equipping them with the tools to adopt Agile practices in their Projects. Lecture came to an end by extending our gratitude by giving a Memento as a token of appreciation to Lecture came to an end by presenting a token of appreciation to Mr. Ateeq and Mr. Raghav given by Mrs. G. Sirisha, Assistant Professor in Computer Science, Assistant Controller of Examination.



3. Awareness on Tech Communities by Bharatanve Community

Date: 01-11-2023

Venue: NMCA Classroom, Room number 8 - PG Block

Time: 9:30 AM to 10:25 AM

Objective: To raise awareness about Bharatanve community which is an open community for students to collaborate and work on projects for free.

Number of participants: 57 (Students of NMCA)

Report: The Department of MCA jointly conducted an awareness program with Bharatanve community to help students learn programming, build real time projects. The guest speakers of the event was B.Rushikesh, Community lead - Bharatanve. Mrs. P.V. Nagalakshmi, HOD – MCA department attended the program along with students.

The event began as Mrs. P.V. Nagalakshmi, HOD – MCA department welcomed the guest and stated the purpose of the event. Following which the guest speaker, Mr. B Rushikesh addressed the students and educated the students on various technologies being used, their importance. He then showed the statistics of each domain along with the trends in the field.



Mr. B. Rushikesh has then briefed the students about “Google Summer of Code (GSOC)” and explained how, why and where it is useful. He also discussed about the roadmap to launch your career using GSOC. Then, the students were introduced to Bharatanve community and how it would enable students to learn, collobarate and build projects. This was followed by a quick demonstration of the registration process.



The guest speaker proceeded to answer various queries raised by students. Following which Mrs. P.V Naga Lakshmi thanked the guest speaker for addressing the students and ended the program.

Outcome: Students were educated on the importance of Tech communities and the benefits of being an active member in the community. Alongside creating awareness on GSOC.



LOYOLA ACADEMY (AUTONOMOUS)

A "A "COLLEGE WITH POTENTIAL FOR EXCELLENCE" BY UGC
AFFILIATED TO OSMANIA UNIVERSITY ESTABLISHED IN 1978

Organizing By
Department of Master of Computer Applications
Workshop on

Data Visualization with Tableau

Chief Patrons

Rev. Fr. Chiluvuru Amara Rao SJ
Superior

Rev. Fr. Dr. A. Francis Xavier SJ
Correspondent

Rev. Fr. Dr. L. Joji Reddy SJ
Principal

Rev. Fr. Dr. A.M. Joseph Kumar SJ
Vice Principal

Chairman

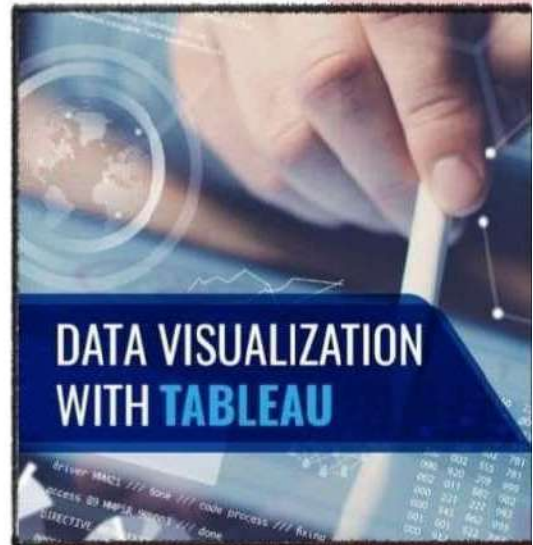
Dr. G Anitha Mary
Dean, informatics

Convener

Mrs. P. V. Naga Lakshmi
HOD of M.C.A

Co-ordinator's

Mrs. G. Sirisha
Mrs. P. Vandana
Ms. Mehrunnissa
Mr. K. S. L. Prasad
Mr. P. Dayaker



Assistant Professor's, Department of M.C.A



22.03.2024 | 9:30am-3:45pm



WWW.PANTECHELEARNING.COM



Pantech e Learning
DIGITAL LEARNING SIMPLIFIED

4 Workshop on Data Visualisation with Tableau.

Date: 22-03-2024

Venue: MCA Lab

Time: 09:30 am to 3:45 pm

Objective: To equip students with practical skills in data visualization using Tableau, covering installation, dataset manipulation, and dashboard creation for effective data presentation and analysis.

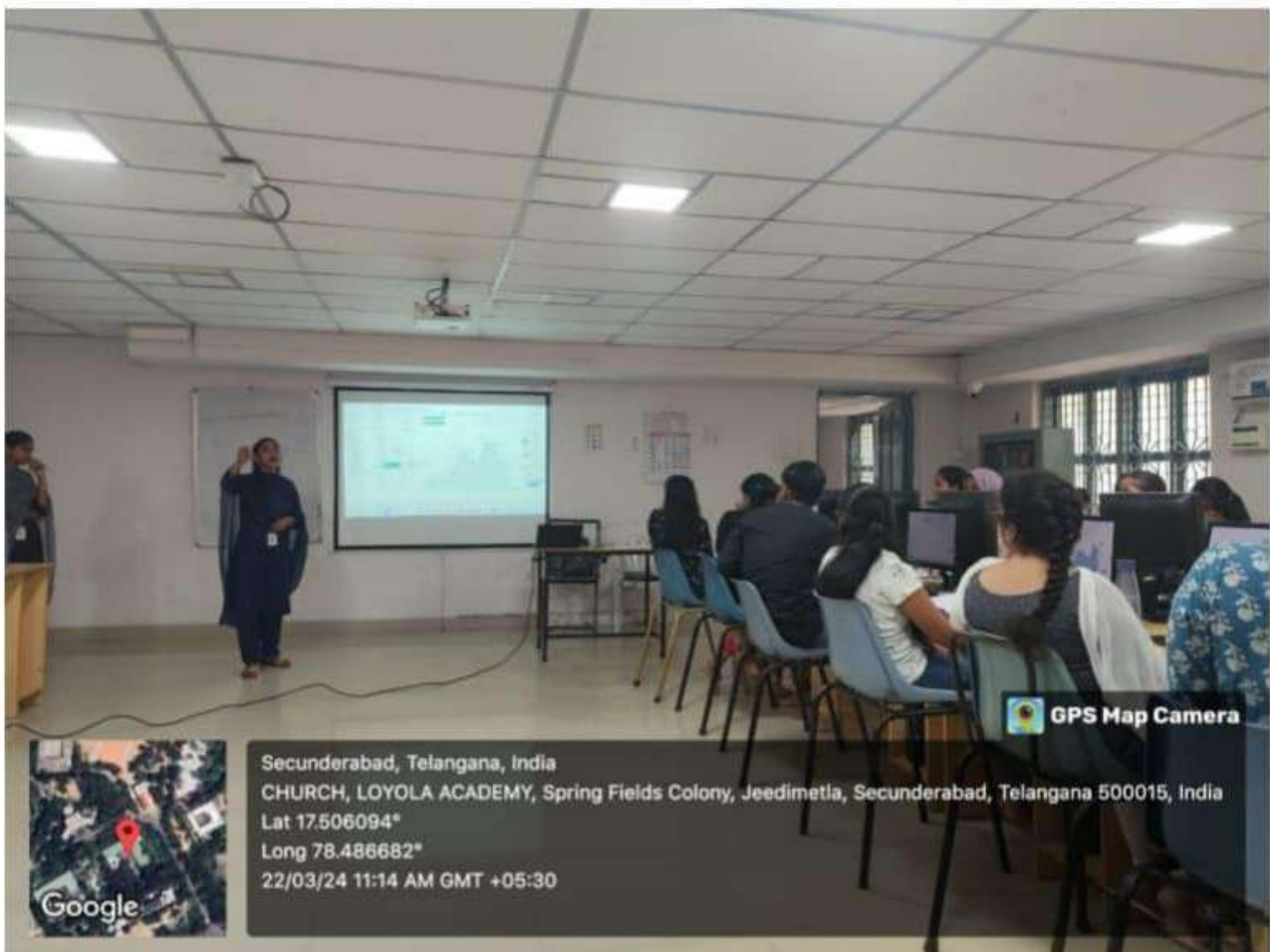
Number of participants: 55

Report: The Department of Master of Computer Application at Loyola Academy P.G organized a workshop on Data visualisation using Tableau on 22-03-2024 at MCA Lab. The session was attended by all students of NMCA, eager to engage in this knowledge-sharing opportunity. Ms. Lakshmi from Pantech E Learning conducted the session along with Mr. Veerender Reddy and Ms. Keerthana.



Ms. Lakshmi commenced the lecture with a comprehensive overview of Tableau, covering its significance in the realm of data visualization, installation procedures, and basic functionalities. Through interactive discussions and practical demonstrations, she provided insights into working with a sample dataset and creating dashboards using Tableau. The session was enriched with real-life examples, enhancing students' understanding and making the content more relatable and engaging.





The workshop was an insightful and enriching experience for all the students. The session not only equipped students with practical skills in Tableau but also deepened their understanding of data visualization concepts. The interactive nature of the lecture fostered active engagement and facilitated a conducive learning environment. The lecture concluded with a vote of thanks extended to Ms. Lakshmi by Mrs. P.V. Naga Lakshmi, Head of the Department - MCA, expressing gratitude for her valuable insights and contributions to the students' learning journey.

Outcome: The students gained proficiency in Tableau, enabling them to create compelling visualizations, analyze data effectively, and make informed decisions.

5. Parent Teacher Meeting Report 2023-2024

Date: 06 January 2024

Timings: 10:00 am – 2:30 pm

Total Strength: 117

The Department of M.C.A has organized Parent-Teacher meeting for **First and Second** Year MCA Students on **6th January 2024**.

- **Purpose:** The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences, disciplinary issues and discuss variety of issues, regarding all rounddevelopment of students.



- **Report:** Internal and External marks were shown to the student's parents and undertaking was taken from them for those students who have shortage of attendance and from those who did not write few internal exams. All of the parents have turned up this year, as the mode of conducting the PTM was both online and offline. i.e., From the first year, out of 60 parents of the students, 19 of them attended online, while 41 of them attended offline. From the second year, out of 57 parents of the students, 19 of them attended online while 38 of them attended offline. The PTM was conducted in St. Joseph's block (PG Block), room number 7 (AMCA) and room number 8 (NMCA).
- **Review:** The PTM served as a bridge between the parents and lecturers, where they discussed the performance of the students and suggested few changes for them to unleash their full potential. Many parents were happy to see their wards reports and few expressed their remarks. The parents from distant places expressed their appreciation towards the management for conducting a PTM in Online medium.

AMCA (MCA First year)

(1/06/2024)



Online – PTM (MCA) (1/06/2024)



Conclusion: The PTM was successfully completed and the teachers were successfully able to Communicate with the parents and discuss the performance of the students. Parents were also satisfied and gave their feedback towards the management.

STUDENT CENTRIC METHODS

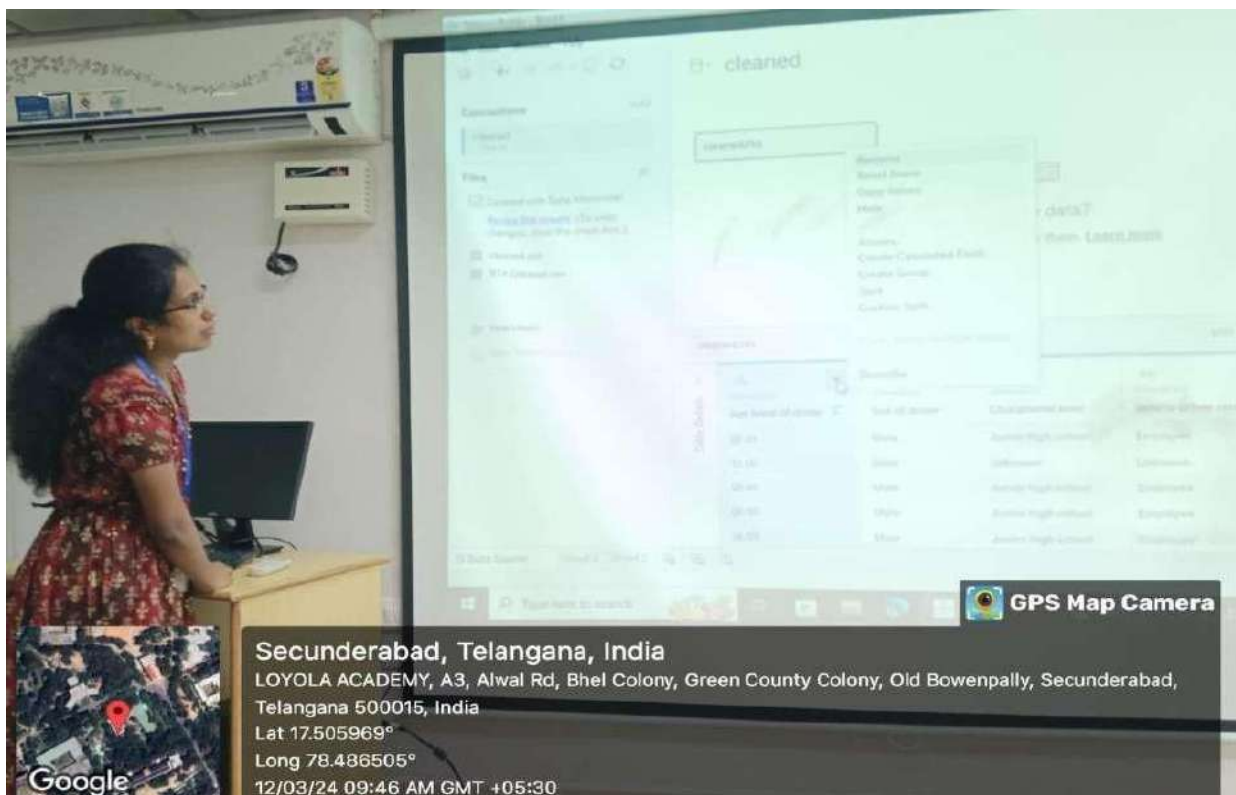
DEPT: M.Sc DATA SCIENCE

2023-24

The department of M.Sc Data Science in the year 2023-24 has adopted the following strategies to make learning more students-centric and ensure the holistic development of the students:

- **Assignments:** For various subjects, assignments have been given to students which provides an opportunity for them to learn, practice and demonstrate the learning goals and explore their topics and attain knowledge and presentations were conducted in front of other students to help them to gain knowledge regarding each topic delt in class.
- **Seminars:** Through student seminars, they can express their views and understandings on a specific topic.
- **Practicals:** Practical were organized on subject's like Advanced databases, Python, data visualization, Internet of Things, Natural Language processing, GUI etc
- **Workshops:**


The Dept of M.Sc Data Science from Loyola Academy has Organized a Workshop on "Data Visualization Tools - Tableau and Power BI" on 11-03-2024 to 13-03-2024 for 3 days with the help of Pantech Learning Private Limited.





- **Research Projects:** The final year students pursue major projects as part of their course. In this project students develop and implement an innovative idea in the field of Machine learning, deep learning, natural language processing and internet of things.

LOYOLA ACADEMY
(An Autonomous Degree College affiliated to Osmania University)
Re-Accredited with "A" grade by NAAC (III cycle)
A "College with Potential for Excellence"
Alwal, Secunderabad -500010
2023-2024



A Project Report
ON
"DEEP NEURAL NETWORKS FOR ENHANCED AUDIO
CLASSIFICATION OF BIRDS USING SPECTROGRAM"
Submitted in partial fulfilment of the requirements for the award of degree of
**MASTER OF SCIENCE
IN
DATA SCIENCE**

Submitted by:
M. YUVRAJ
UID:111722720014

Under the Guidance of
Miss. N. R. RASHMI
HOD, MSc Data Science Department

Department of MSc. Data Science
LOYOLA ACADEMY
SECUNDERABAD, OLD ALWAL, 500010

LOYOLA ACADEMY

(An Autonomous Degree College affiliated to Osmania University)

Re-Accredited with "A" grade by NAAC (III cycle)

A "College with Potential for Excellence"

Alwal, Secunderabad -500010

2023-2024



A Project Report

ON

"UNIFIED OUTCOME-BASED EDUCATION PERFORMANCE

TRACKER: Aligning Course, Program, Specific Outcomes"

Submitted in partial fulfilment of the requirements for the award of degree of

MASTER OF SCIENCE

IN

DATA SCIENCE

Submitted by:

MARY SHRAVANI JOSEPH J

UID:111722720007

Under the Guidance of

Dr. G. ANITHA MARY

Dean of Informatics

MSc Data Science Department

Department of MSc. Data Science

LOYOLA ACADEMY

SECUNDERABAD, OLD ALWAL, 500010

- **Major Projects Internships:** students pursued internships from various companies to explore Machine learning, deep learning & Natural language processing subjects in the field and every student submitted their internship certificates along with their major project.



CERTIFICATE

OF TRAINING COMPLETION

PRESENTED TO

Muthyala Yuvraj

for successfully completing the training program in Data Science with Embrizon Technologies from April 2024 to June 2024.

Prabhakar Samadder

Managing Director
& CEO



Certificate ID - ET2024TC0549

Date - 24/04/2024



Issued Date: 10-03-2024

CIN No- U85500HR2023PTC115118

CERTIFICATE OF INTERNSHIP



UNIFIED MENTOR
YOUR SKILL. SUCCESS & JOURNEY



Mary Shravani Joseph J

For successfully completing one month internship as Data Analyst Intern at Unified Mentor Pvt Ltd. Dated from 10-02-2024 to 10-03-2024

During the internship we found him/her consistent & hard-working. We wish them all the best for their future endeavors.

Paras Grover

Paras Grover
Director



Sanket Patil

Sanket Patil
Awarded By

Verify at:



AN ISO 9001:2015 Certified Company

SCHOOL OF FOOD TECHNOLOGY AND NUTRITION **STUDENT CENTRIC METHODS**

Department: B.Sc. Food Technology and Management

The department of B.Sc. Food Technology and Management the year 2023-2024 has adopted the following strategies to make learning more students-centric and ensure the holistic development of the students:

1. Career guidance programme under the collaboration of overseas Educog.

Date of the event: 24 June, 2023

Place of the event: Loyola Hall

Name of the event: Career guidance programme

The Overseas programme was conducted on 24, June ,2023 Saturday at Loyola Hall in the Loyola Academy and the departments of FOOD TECHNOLOGY AND MANAGEMENT and FOOD SCIENCE AND NUTRITION (UG and PG). The programme was begun by the introduction about the EDUCOG specialist Sandeep Reddy Nagireddy. Sandeep Reddy Nagireddy was a Senior manager at STUDY SQUARE, he was awarded best destination award 2018 by IDP education INDIA .



Sandeep Reddy Nagireddy gave a brief description about the educog who were the global education experts which provides study for students in more than 10 countries such as US, UK, CANADA, AUSTRALIA , NEW ZEALAND, IRELAND. He gave about the list of universities regarding Food technology and Food science related courses, the eligibility criteria, fee structure, scholarship, documents required , loan assistance for pursuing masters in abroad . The educog provide educational counseling, visa processing support and post course completion support for students. He also mentioned about the entrance exams for different countries and marks to be scored for getting admission in those universities. Then the queries were asked by the students and those were cleared by speaker.

The programme was acknowledgeable and cheerful session, many students were inspired and keen to pursue their masters in abroad.



2. Guest Lecture: Eat Right Campus

Introduction

"Eat Right Campus" event, held on World Water Day, March 22nd, 2024, at Inigo Hall, Loyola Academy. The School of Food Technology & Nutrition collaborated with the Food Safety and Standards Authority of India (FSSAI) to organize this event. The primary objective was to promote a culture of safe, healthy, and sustainable food practices on campus.

Event Details

Date: March 22nd, 2024

Time: 11:00 AM to 3:00 PM

Venue: Inigo Hall, Loyola Academy

Event Goals

Promote Healthy Eating: The event aimed to raise awareness about healthy dietary choices and their positive impact on individual and community health.

Water & Sustainability: A key focus was highlighting the connection between water conservation and sustainable food choices.

Safe Food Handling: The event aimed to educate students about safe food handling practices, ensuring food safety on campus.

Social & Economic Development: The organizers intended to promote the significance of social and economic development fostered by a healthy food culture.

Guests of Honor

Mr. Balu Naik Kethavath - Deputy Director, FSSAI

Ms. Sheela - Food Safety Officer

Mr. Deepak - Technical Officer

Outcome

The "Eat Right Campus" event is expected to have a lasting positive influence on the campus community by:

Informed Dietary Choices: Equipping students with the knowledge to make informed dietary choices that contribute to their well-being.

Sustainable Practices: Encouraging students to adopt sustainable food practices that promote water conservation.

Safe Food Handling: Empowering students with knowledge about safe food handling, fostering a safe food environment on campus.

Social & Economic Development: Inspiring students to understand how responsible food choices can contribute to social and economic development.

Conclusion

The "Eat Right Campus" event served as a valuable platform to raise awareness about healthy, sustainable, and safe food practices. By collaborating with FSSAI, the School of Food Technology & Nutrition successfully addressed these vital aspects in the context of World Water Day. The knowledge and behaviors adopted by students as a result of this event are expected to contribute positively to their well-being and the development of the community.



3. GUEST LECTURE: FOOD ENTREPRENEURIAL OPPURTURUNITIES IN CONTEXT OF CLIMATE CHANGE

Date: 28-03-2024

Department of Food Technology and Management - Loyola Academy conducted a guest lecture “ROLE OF WATER IN FOOD SAFETY AND SECURITY” on 28th March’2024 from 10:30am to 12:30 pm for the students of B.Sc. & M.Sc. Food Technology and Management students. The Lecture was delivered by Dr. T.V. Hymavathi Former Senior Professor and Head Department of Food and Nutrition at Professor Jayashankar Telangana State Agricultural University. As per the concept of explaining about the requirement and importance about the opportunities in expanding our skill towards the subject of Food. As per the speaker he expressed his concern about the way of dealing with the growing depth of jobs and working opportunities, ways to deal with it and become a better entrepreneur in the field of Food. Along with those speaker also dealt with the perfect pathway of fulfilling our dreams in our very own way with less disturbances and disputes with May cause a brake for our goal. The main aspect the speaker want to convey is choose the right path and work on it until you can reach regardless of the disturbance and problems caused, with the utter most interest and will to do it without any halt.



4. Industrial Visit: CENTER FOR MOLECULAR AND MOLECULAR BIOLOGY (CCMB)

Date: 3rd August 2023

Place: Habsiguda, Secunderabad

PURPOSE:

Science exhibition was held at centre for cellular and molecular biology(CCMB),Habsiguda .Students of food technology and management attended this exhibition at 10:30am. The participants displayed their innovative projects. There were many models few of them were microbes and biology of infection, one DNA many blue prints, crop improvement, science and society, genomics and epigenetic regulation, wild life conservation and ecology.As the exhibition started participants presented their projects and when we have reached them they assessed the description and clear explanation to the students. Apart from models they also organized visual presentation to help everyone understand the concepts of the working models.All the concepts were on the importance of contribution of the current trends to the field of science and technology



Conclusion:

The overall exhibition and the way presented their models was good. The models and the projects were innovative it also inspire us to think critically and pursue careers in science and technology. It was so interactive and gained knowledge been provided.

5. Industrial Visit: Carlsberg Brewery

Date: 10th July, 2023

Place: Hyderabad

Aim

The main aim of the industrial visit was to provide an insight to the students about the practical working in the fermented beverage industry.

Purpose

The main purpose of the visit was to bridge the gap between theoretical and practical environment. It helped the students to combine their theoretical knowledge along with the practical working and get a more hands-on experience in the industry.

Outcomes

The students learnt about the different processes involved in the manufacture of beer.

It helped them to learn the practical applications of the course.



6. Industrial Visit: KRISHNAVENI SUGAR FACTORY

DATE OF VISIT: 18/03/2024

PLACE: Wanaparthy

On 18th March , 2024, Third years along PG First year students were on an industrial visit to sugar manufacturing industry named NSL Krishnaveni Sugars - Ramakrishnapur, Wanaparthy . It one of the integrated sugar companies related to agro-commercial business.

AIM

The main aim of this visit was to provide an insight to us about practical working environment and internal working of a factory.

PURPOSE

The main purpose of the industrial that was to bridge the gap between classroom teaching and professional workplace environment. The industrial visit helps the students to combine their theoretical knowledge along with industrial and practical knowledge.

OUTCOMES

- We learnt about the functioning of equipment like miller, shredder, boiler, evaporator, centrifugal tanks and fermenters.
- It helped us to experience the practical applications of the course.



7. Industrial Visit: Sumo Biscuit Industry

DATE OF VISIT : 21/3/2024

PLACE : Medchal

AIM OF INDUSTRIAL VISIT :

The primary aim of the industrial visit to the Sumo Biscuit Factory was to bridge the gap between theoretical knowledge gained in the classroom and practical applications within the food technology industry. This aimed to achieve the following specific objectives:

- To gain firsthand experience of the biscuit manufacturing process: Students observed the complete production cycle of various biscuits, including raw material handling, mixing, baking, packaging, and quality control procedures.
- To understand the different types of machinery used in biscuit production: This included familiarization with mixers, ovens, conveyors, and packaging equipment.
- To learn about the role of various ingredients in biscuit formulation: Students gained insights into the use of flour, sugar, fats, leavening agents, and other ingredients in creating different types of biscuits.
- To appreciate the importance of quality control in food production: Observing the quality control measures implemented at the factory would help students understand the significance of food safety and hygiene standards.

Purpose of the Visit

The purpose of the visit was to provide students with a valuable learning experience by:

- Complementing classroom learning: The visit allowed students to see the theoretical concepts they learned in class being applied in a real-world setting. This can significantly enhance their understanding and retention of the material.
- Sparking career interest: By interacting with industry professionals and observing the work environment, students could gain insights into potential career paths in the food technology field.
- Developing critical thinking skills: Analyzing the various stages of biscuit production and the machinery involved would encourage students to think critically about the process and its optimization.

Outcome of the Visit

The industrial visit to the Sumo Biscuit Factory is expected to have the following positive outcomes for the students:

- Enhanced understanding of biscuit manufacturing: Students will gain a deeper understanding of the entire biscuit production process, from raw materials to finished products.
- Improved knowledge of food technology applications: The visit will broaden their knowledge base by showcasing practical applications of food science principles.
- Developed skills and competencies: By observing various processes and interacting with industry experts, students can develop valuable skills such as problem-solving and

communication.

- Increased motivation and career clarity: The exposure to the industry environment can motivate students and provide them with a clearer vision of their future careers in food technology.



8. Educational Tour

Date: 3rd to 7th October,2023-10-18

Students of Bsc and Msc Food Technology and Management has taken the initiative to take the students to an educational tour to Bangalore, Coorg and Mysore.

PURPOSE: The main purpose of educational trip is to provide Food technology students with an opportunity to gain practical experience ,they can also expose to the latest advancements in Food Technology and to develop deeper understanding of the food Industry

Itinery: Visit to the coffee plantation which is located in Coorg, Karnataka. Students gained detailed information about the varieties of coffee plants that have been cultivated in a specified area with certain parameters. The produce coffee varieties such as Coffee robusta , Coffee Arabica , Coffee liberica.

Students also gained knowledge on spices cultivation, various spices such as pepper, bay leaves, cardamom, red chilli etc

Students has been visited to the processing unit of the coffee beans which includes various operations of processing of coffee beans for the production of the coffee powders. The coffee powders produced through various methods have been explained.

Outcome: Students gained practical skills in Food processing and quality control .They also gained insights into the importance of food safety and sustainability practices .The trip provided an opportunity for students to network with industry professionals and potential employer.



A VISIT TO

CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY

(CCMB)

Department of B.Sc. Food Science Nutrition and Dietetics took 3 year students to Centre For Cellular and Molecular Biology (CCMB) on 3rd August, 2023.

The students of CCMB were holding an exhibition by setting up stalls and using 3D models to explain various phenomena in biology, in precise 'Molecular biology'. All the models were basically about the genetic disorders, hereditary diseases and mutations that occur in genes.

A model named 'Genetics of marriage among relatives' explained the chances of pairing of chromosomes containing recessive traits causing the possibilities of various diseases as the generations pass. This concept was shown by putting up 3D models of trees with family members and signs of chromosomes on it.

A model named 'It runs in the family' explained about the hereditary diseases that run through the families. This concept was presented by showing a few pots and utensils with cracks and bulging structures representing cancer cells on it. They explained certain health conditions like cancer, psoriasis, spots of acne, osteoporosis as the special utensils inherited from our parents and ancestors. Display of these vessels with varied shapes and texture was a metamorphical representation of different hereditary diseases.

There was a model having 'wild type' of live zebrafish which were being mated with a different type of zebrafish to result in a transgenic fish.

There were models like 'Inheritance- looks famil(y)'ier' explaining the reason behind parents and their children looking alike.

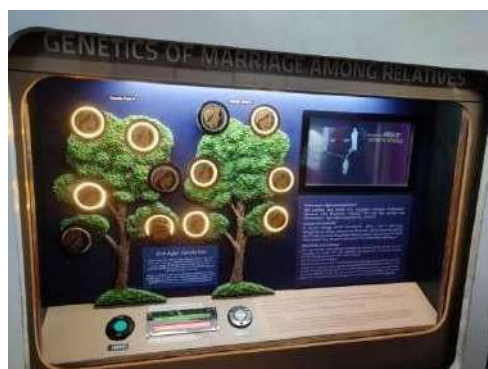
A model 'Nature v/s Nurture' explained the genetic similarities and dissimilarities between two identical twins.

A model 'One gene, big impact- Single gene disorder' explained about single gene mutation causing imbalance of protein in body and disturbing the metabolism.

A model explained about the condition 'Beta Thalassemia'. They explained that the disease being genetic causing severe anemia as it causes the partial or complete absence of beta chains of hemoglobin.

There were still many other models explaining such interesting theories and concepts about molecular biology. The trip was very insightful and was different from our regular subjects and thus interesting.

Seeing the students of CCMB carrying out such lively exhibition was very inspiring to us. We wish to have many such trips that would instill more knowledge into us apart from that we get from our books.



E-POSTER COMPETITION

Department of B.Sc. Food Science Nutrition and Dietetics conducted an E-poster competition on account of 'Nutrition Month' on the theme "Fuel For The Future". The students of all the three years had a chance to take part in it.

Nutrition month creates many opportunities to students to showcase their talents in different ways. Some of the students took part in essay writing where they expressed the importance of nutrition precisely. Some took part in quiz which was brainstorming for all the students and tested their knowledge. It was a quick recap of whatever they studied so far. Many other students who were creative took part in E- poster competition. The students creatively delivered the message they wanted to give the audience. The competitions like paper poster presentation, drawing or painting were common but this E- poster created an enthusiasm in students to work on something new. They put their colours and paints on the digital screen instead of a normal paper and have proved that science is not only about learning but also about being creative.

The students have come up with many ideas for the same theme. None of the poster was looking alike. There were posters explaining difference between healthy and junk food and some were explaining their effects on a long run. There was a poster explaining how the junk food gets accumulated in your body resulting in obesity and how the balanced diet keeps you fit. There were posters which could even attract children with vibrant colours, minimal information through words but much explained through the pictures and signs. Students have learned many things even through the process of making E- posters as having good knowledge means nothing when we can't share it to someone in an understandable and in a simple way. The posters presented by the students of all the three years were equally creative, new and knowledge giving about balanced diet, nutrition, various diseases with the foods that help in the recovery. Students have put a lot of efforts and knowledge to run the competition successfully and left no remarks. The judges had a really tough time to choose the winners for all the competitions.

All the competitions held in Nutrition month were knowledgeable and interesting. We will look forward to more such competitions in future.

Industrial visits 2023-24

II SEMESTER

REPORT ON INDUSTRIAL VISIT

Introduction:

Industrial visits are a part of the course curriculum which helps the students to impart practical knowledge and industrial exposure.

The students of B.Sc Food Science Nutrition and Dietetics I year (AFSN) has visited K.S BAKERS on 20th Jan 2024.

They had started from college by 9:30am and reached the destination at 12 pm.

Firstly the company had instructed the hygienic practices and Allowed them to enter into the factory inlet, where the factory people have gave the knowledge about the storage room of ingredients, later they have showed the preparation and packaging of burger,pizzas, cakes and biscuits.

Lastly Mr.Manikanta has explained them about the preparation process and quality analysis done for biscuits.

Outcome:

The visit had offered an opportunity to witness theoretical concepts in practical applications and valuable insights into quality of cakes and biscuits.



REPORT ON NESTLES COMPETITION:

Department of Food Science Nutrition and Dietetics in collaboration with Nestle has organized a master chef recipe competition to students along with food technology students on 29 February 2024. It was a fun activity done to students to showcase their cooking skills. Over all 30 students has participated and 3 students have won the prize and are selected for master chef live competition intra competition . students displayed their skills and received a hampers at the end of the contest.



WEBINAR ON ACCOUNT OF NATIONAL NUTRITION MONTH

Department of B.Sc. Food Science and Dietetics has conducted a webinar session from 4th to 6th of September and 11th to 13th September of 2023 on the theme “**HEALTHY DIET GOING AFFORDABLE FOR ALL**”.

The sessions were conducted in order to give more insights about nutrition to students

On 4th September, Dr. Santhoshi ma'am gave webinar on the topic 'Achieving affordable and healthy nutrition for everyone'. In this session, we understood about the foods that are nutritious and that could be affordable to every sector. This will definitely help us planning and preparing diets with food that would be both healthy and affordable to everyone.

On 5th September, Dr. Meena ma'am gave a webinar on the topic 'Nourishing well'. In this session, ma'am explained about the dietary guidelines for healthy living and a healthy. The session was very interesting and knowledgable. Ma'am also mentioned nutrition and food habits of Indians, the way of being healthy even by having Indian foods.

On 6th September, Dr. Avanthi ma'am presented the topic 'Sustainable changes in the diet for a healthier tomorrow'. In this session, we've got knowledge about the changes in diet from childhood to adult age. Ma'am has explained about the risks and causes of malnutrition, the effects of malnutrition on later ages of life were all explained.

On 11th September, Dr. Uma Chitra ma'am gave a webinar on the topic 'Affordable nutritious diets for child and adolescents'. In this session, we got to know a different perspective of nutrition differentiating both children and adolescent nutrition. This was a bit different and interesting session when compared to the past sessions.

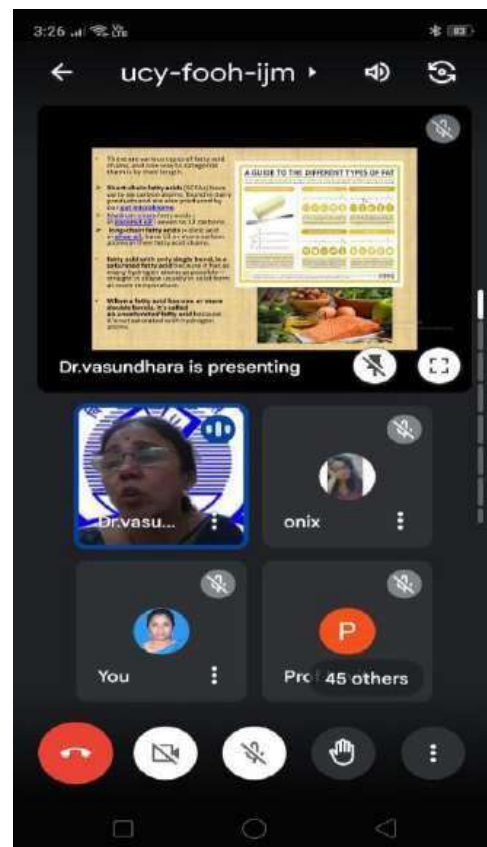
On 12th September, Dr. Vasundhara ma'am gave a webinar on topic 'Fats- Facts and Myths'. In this session, ma'am has enlightened us from all the myths of 'Do not have fat foods' and explained the differences between good fat and bad fat with their sources. Ma'am has given us information on saturated unsaturated fats, the type of fat that must be loved, limited and avoided. The session was quite interesting as it stated us both facts and myths. The students were active enough in Q and A part after the session.

On 13th September, Dr. Lahari ma'am gave a webinar on topic 'Family Nutrition'. This session was different from others as ma'am explained about planning and preparing nutritious and interesting food on a family basis. Ma'am explained the cleaning, cooking, preparation and handling aspects of food. Ma'am also covered the aspect of checking the quality of ingredients while buying. This was the last session and was equally interesting as the rest.

This whole week was very interesting as we had an excitement within us to listen to something new and we got many insights as expected. After every session, we had a Q and A session for 5 to 15 mins where we were given a chance to clarify our doubts regarding the session if we had any.

After the Q and A part, one of the students would propose the vote of thanks to the guest lecturers to spend their valuable time to provide us some additional knowledge apart from that we get from the college. The vote of thanks was also extended to the management of Loyola Academy and to the dean of Dept. Food Science and Technology, Mrs. Kavitha ma'am who always took the initiative to conduct such brainstorming seminars and the constant efforts to instill more knowledge into us and lastly to the HOD of Dept. Food Science Nutrition and Dietetics, Mrs. Onix Tryphosa ma'am and all the lecturers of our department for their constant efforts for organizing all the sessions successfully and always encouraging the students to participate in all the workshops and seminars that would give us more knowledge .

We expect to have more such interesting sessions in future.



A PLANET PROGRAMME TO SIVANANDAREHABILITATION HOME

As a part of curriculum of college's planet program we second year students of Bsc. Food Science Nutrition And Dietetics visited sivananda rehabilitation home at Kukatpally on 31st August 2023 under the guidance of Stephen sir and Pravallika ma'am .

We had an introductory conversation with chief physiotherapist Dr.Purushottam Rao P. who provided us with an overview of leprosy, its causes, and the methods of physiotherapy used to address the resulting deformities. Then we moved further towards the shelters that were present within the campus and spoke to people living there . The students offered some eatables , clothing donations etc; and spent time with them . . The inmates residing there talked their hearts out with the students and the Faculty. It was an overwhelming experience for all. The main motto was to bring a smile on the faces of the old people there. We also engaged in conversations with individuals who were in the process of recovering from leprosy and extended our support .

The rehabilitation centre even empowered people staying there to become self dependent by establishing sectors like weaving sector where bandages required for leprosy patients were weaved and cobbler section where they crafted protective footwear required by leprosy patients on their own . These footwears are specially designed by SRH and was given free of cost to patients .

The residents living there were even sponsored with their 3 times meal and all the facilities to live peacefully.

This rehabilitation center also included a pediatric cancer center where children undergoing cancer treatment received care. While we couldn't interact with the children directly, we were provided with a brief overview of the pediatric center.

In the end, our visit to the rehabilitation center was truly unforgettable as it exposed us to a different world, where we witnessed the leprosy

survivors and their way of life. It also emphasized the significance of compassion and our duty as humans to assist those in need. We are greatfull to Stephen sir who escorted us throughout the trip .

"Service to mankind is the highest form of service, for in helping others, we find our truest purpose and greatest fulfillment."

Enclosure:

https://drive.google.com/drive/folders/1VB7YMNm7eliLO_1dI66gM_GdEwMsmxrE

Report on nutrition week quiz competition :-

Department of Bsc Food Science Nutrition and Dietetics conducted Quiz competition on account of Nutrition month. The Nutrition Week Fest was celebrated with great enthusiasm and zeal, featuring various events aimed at promoting awareness about nutrition and dietetics. A highlight of the fest was the Quiz Competition organized by the Department of Food Science, Nutrition, and Dietetics. The event was hosted by a faculty , and assisted by the Assistant Class Representative, in which participants were divided into eight batches, competing through three challenging rounds.

The questions in each round were designed to be more challenging, covering topics such as dietary guidelines, vitamins, and nutrients. Quiz featured a wide range of questions designed to test the participants' knowledge of various aspects of nutrition and dietetics. The questions included abbreviations used in the field, multiple-choice questions, and a spell bee. Participants were given a time limit of 30 seconds to answer each question. Two groups were eliminated in each round.

After a nail-biting final round, it was Group 5 that emerged as the winners of the Nutrition Week Quiz Competition. Their excellent performance and in-depth knowledge of nutrition and dietetics earned them the first place .

The Quiz Competition organized as part of the Nutrition Week Fest proved to be a highly informative and entertaining event. Participants displayed remarkable knowledge and enthusiasm for the subject matter, reflecting the importance of nutrition and dietetics in our daily lives.

REPORT ON Eat Right Campus

Introduction

"Eat Right Campus" event, held on World Water Day, March 22nd, 2024, at Inigo Hall, Loyola Academy. The School of Food Technology & Nutrition collaborated with the Food Safety and Standards Authority of India (FSSAI) to organize this event. The primary objective was to promote a culture of safe, healthy, and sustainable food practices on campus.

Event Details

Date: March 22nd, 2024

Time: 11:00 AM to 3:00

PM

Venue: Inigo Hall, Loyola Academy

Event Goals

- **Promote Healthy Eating:** The event aimed to raise awareness about healthy dietary choices and their positive impact on individual and community health.
- **Water & Sustainability:** A key focus was highlighting the connection between water conservation and sustainable food choices.
- **Safe Food Handling:** The event aimed to educate students about safe food handling practices, ensuring food safety on campus.
- **Social & Economic Development:** The organizers intended to promote the significance of social and economic development fostered by a healthy food culture.

Guests of Honor

- Mr. Balu Naik Kethavath - Deputy Director, FSSAI
- Ms. Sheela - Food Safety Officer
- Mr. Deepak - Technical Officer

Outcome

The "Eat Right Campus" event is expected to have a lasting positive influence on the campus community by:

- **Informed Dietary Choices:** Equipping students with the knowledge to make informed dietary choices that contribute to their well-being.
- **Sustainable Practices:** Encouraging students to adopt sustainable food practices that promote water conservation.
- **Safe Food Handling:** Empowering students with knowledge about safe food handling, fostering a safe food environment on campus.

- **Social & Economic Development:** Inspiring students to understand how responsible food choices can contribute to social and economic development.

Conclusion

The "Eat Right Campus" event served as a valuable platform to raise awareness about healthy, sustainable, and safe food practices. By collaborating with FSSAI, the School of Food Technology & Nutrition successfully addressed these vital aspects in the context of World Water Day. The knowledge and behaviors adopted by students as a result of this event are expected to contribute positively to their well-being and the development of the community.



REPORT ON WORLDS DIETETICS DAY

We the school of Food Technology and Nutrition, Department of BSc and MSc Food Science Nutrition has organized a guest lecture on the account of Worlds Dietetics Day on 12 January 2024. The guest speaker invited was Mrs. Dr. Shamala. Speaker delivered the lecturer on “Naturopathy”. It was an informative and interactive session to the students



STUDENT CENTRIC METHODS For the Academic Year: 2023-2024

Department: M.Sc. Food Technology and Management

The department of M.Sc. Food Technology and Management the year 2023-2024 has adopted the following strategies to make learning more students-centric and ensure the holistic development of the students:

1. SEMINAR/SYMPOSIUM

The Department of M.Sc. Food Technology and Management has actively participated in the Symposium on the occasion of World Food Day Celebrations, organized by CSIR-CFTRI Resource Centre, Hyderabad & ICMR-NIN & Nutrition Society of India, Hyderabad & Oil Technologists' Association of India (SZ), Hyderabad on 17th October, 2022 at 09.30 a.m. at ICMR-National Institute of Nutrition, Hyderabad.

Purpose:

To Impart knowledge in the field of Emerging trends in processing industries to provide processed food to every individual emphasizing on the moto “**LEAVE NO ONE BEHIND**”. The seminar is designed to help students, scholars and academicians to gain understanding about innovative and advanced processing techniques employed in the field of food technology.



2. ENTREPRENEURSHIP DEVELOPMENT PROGRAM

The Department of M.Sc. Food Technology and Management has actively participated in a Entrepreneurship Development program on “Baking Technology” organized by MSME- Ministry of Small and Medium scale Enterprises, Yousufguda, Hyderabad, for a period of 240 hours between December 12th, 2023 to January 20th, 2024.

Purpose:

To impart knowledge of Baking Science & Technology, and to encourage students to be an entrepreneurs. This EDP is designed to help students to gain understanding about innovative and advanced processing techniques to manufacture various baked products with commercial importance.



3. AYURGYAAN CELEBRATIONS

On the occasion of Ayurveda day celebrations, students were enlightened about the students on benefits of ayurveda in life. This event was conducted as “Ayurgyaan” organized by Loyola Academy in which DR. Smitha, B.A.M.S (Guest), Nikhil Chaudhary were the speakers.

Purpose:

The main moto of this program is to enlighten and educate students about the importance of ayurveda is medicine and in diet to maintain good health.



4. INDUSTRIAL VISIT

A. Oshon-Dolphin Foods India Ltd.

M.Sc. Food Technology and Management have visited Oshon-Dolphin Foods India Ltd, Hyderabad, a sugar confectionery based industry along with the faculty on 15th November 2022, as apart of curriculum.

Purpose:

It helped students to learn technical aspects employed to process different sugar confectionery based products like Candies and Chocolates.



B. NSL Krishnaveni Sugars Ltd

M.Sc. Food Technology and Management have visited NSL Krishnaveni Sugars Ltd, Hyderabad, a sugar manufacturing industry along with the faculty on 22nd November 2022, as a part of curriculum.

Purpose:

It helped to learn technical aspects employed to process different grades of Sugar from Sugar cane.



5. PLANET: SOCIAL SERVICE OUT-REACH PROGRAM

The students of M.Sc. FOOD TECHNOLOGY AND MANAGEMENT –LOYOLA ACADEMY {2nd year} went to HOME FOR DISABLED which is located in the MUDHUCHINTHALAPALLY, ALIABAD ,MEDCHAL on 3rd November, 2023, as a part of social service outreach program organized by Loyola Academy, all the students have actively participated in extending their heartfelt care and support to the needy and socially deprived people.

Purpose:

To encourage, and build confidence among the group of socially, psychologically deprived and physically challenged people and assure hope in them with utmost care and love.



6. INSTITUTIONAL VISIT TO CSIR, CCMB, HYDERABAD

The department of M.Sc. Food Technology and Management have visited Centre for Cellular and Molecular Biology (CCMB) which is a premier research organization in frontier areas of modern biology on Thursday, 3rd August 2023, located in Habsiguda, Hyderabad. All the students of 1st year (36) were escorted by Mrs. S.Evangeline, Asst. Professor in the department, to interact with the people of CCMB, who were demonstrating the projects, models and poster presentations. The main objective of this visit was to understand the methods, procedure that was used for the analysis of Biomolecules and Isolation of certain Genetic materials.



This institutional visit helped to learn the following aspects:

- Crop improvements
- Structural biology
- Integrative structural biology
- Making invisible visible
- Basics for biomolecular NMR
- Gel electrophoresis
- Growth and development of life of orchids
- Varieties of rice with certain manipulation of genes
- Microbes and biology of infections
- Combating ancient enemy: Tuberculosis

7. Research Projects:

The final year students of batch 2021-2023 pursued major projects as part of their curriculum. In this students have developed and implemented an innovative idea in the field of food technology and processing to produce various food products.



LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363/27860077 Fax: 040-27867939

Date: 18-08-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Dodde Ganeshkumar, bearing UID 111721620020 has completed project work on 'DEVELOPMENT OF READY TO USE VALUE ADDED PRODUCTS INCORPORATED WITH MORINGA LEAVES POWDER AND MILLETS AND THEIR QUALITY EVALUATION" in the department of M.Sc. Food Technology and Management, Loyola Academy, Alwal, Secunderabad, from 15/05/2023 to 31/07/2023. This is bonafide work done by his under guidance of Dr. A. Ravinder.

As per personal observation the effort of the student is satisfactory while doing this project work.


(Dr. A. Ravinder)



Assistant Professor

Dept. of M.sc Food Technology and Management

Loyola Academy, Alwal, Secunderabad.

SCHOOL OF COMMERCE

STUDENT CENTRIC METHODS 2023-24

DEPT: BCom Computer Applications

The department of BCom Computer Applications during the year 2022-23 has adopted the following strategies to make learning more students-centric and ensure the holistic development of the students:

- **Assignments:** For various subjects, assignments have been given to students which provides an opportunity for them to learn, practice and demonstrate the learning goals.
- **Seminars:** Through student seminars, they are able to express their views and understandings on a specific topic.
- **Computer lab-**Practical classes have been conducted for subjects such as C, C++,DBMS, Java, Web Programming, MSOffice and Tally.
- **Research Projects :** The final year students pursue projects as part of their course.
- Dept Workshop, Industrial visit, alumni meet, career orientation workshop as discussed below:

INFOCOM 2K24



DATE: 20-02-2024 & 21-02-2024

VENUE: SEMINAR HALL

TIME: 9:30am – 2:50pm

OBJECTIVE: Infocom 2024

provides opportunities for participants to learn new skills and enhance existing ones in a practical, hands on environment. It is a platform where industry trends, best practices and emerging technologies contribute to the growth and development of individuals. Infocom 2024 offers participants the chance to brainstorm solutions and develop actionable strategies.

CHIEF GUESTS OF DAY-1:



Dr. Jyothi (Inaugural chief guest), a Ph.D. holder in Hindi, is not only an accomplished author but also an editor and dedicated volunteer at Roshani, a suicide intervention center, for 15 years. She curates the "Spreading Light"

book club, where almost 700 books have been discussed to date. Additionally, she has reviewed 1500 to 2000 films. Notably, Dr. Jyothi authored "The Jeeb Ka Badshah," a book on Dilip Kumar.

Outcome:

Dr. Jyothi has inspired students and emphasized the significance of occasion. Her speech has given a positive and a memorable impression on us.



M. Mamatha (Speaker), an esteemed assistant professor at Synergy B School, brings a wealth of academic expertise with her M.A. in American Literature. With an illustrious career spanning 28 years in the realm of higher education, she has not only excelled as a

dedicated educator but also diversified her roles as a freelance national-level corporate trainer.

Outcome:

Ms.M. Mamatha's speech has motivated many of us and contributed to the success of the occasion. She had made the speech relatable, engaging and interactive.

VALEDICTORY CHIEF GUEST:



Mr. Madhusudhan, is a highly dedicated and experienced education professional with a career spanning over 35 years. His expertise as a teacher, academician, administrator, researcher, and leader in school associations has

helped shape the education landscape in Hyderabad and beyond. His extensive experience, passion for education, and impressive contributions to the field make him a highly esteemed figure in the education community.

Outcome:

Mr. Madhusudhan's speech had set the tone of the event. Creating an atmosphere of enthusiasm, positivity and anticipation among the us.

REPORT ON CAREER ORIENTATION WORKSHOP

Date: 28/08/2023

Venue: Loyola Hall

The workshop aimed to provide valuable insights into various career options available to the 2nd and 3rd year students of our department. The primary objective of the workshop was to equip our students with a comprehensive understanding of diverse career opportunities after completing their BCom degree. By hosting this event, we aimed to guide students in making informed decisions about their future career paths. The workshop began at 1:30PM and was attended by around 250 students from the 2nd and 3rd year classes. The event was graced by Mr. Asim Akhtar, a distinguished representative from T.I.M.E Institute, who brought with him a wealth of experience in the realm of career guidance and counselling. His discussion primarily focused on the following areas:

1. **MBA (Master of Business Administration):** Mr. Akhtar elaborated on the benefits of pursuing an MBA degree, discussing how it can open doors to leadership roles in various industries. He emphasized the importance of specialization and choosing the right business school for one's aspirations.
2. **Banking Sector Jobs :** The speaker provided an overview of the opportunities within the banking sector, highlighting the diverse roles available such as investment banking, SBI-PO, IBPS-PO etc. He discussed the skills and qualifications necessary to excel in these roles.
3. **Corporate Jobs:** Mr. Akhtar also shed light on the corporate job landscape, detailing the range of positions suitable for BCom graduates. He emphasized the significance of soft skills, networking, and adaptability in the corporate world.

Following the presentation, a lively and interactive question and answer session took place. This workshop will contribute significantly to students' career decision-making process and help them embark on a path that aligns with their aspirations and strengths.

OUTCOME :

The career orientation helped us to gain clarity about career goals understanding our Strengths and interests, identifying potential career paths and developing a plan to achieve our career Objectives.



Binnuri sahitya

HOD(B.Com Computer Applications)

Industrial Visit Report - Sudhakar Pipes, Surya Peta

Date: 25th January 2024

Introduction:- SUDHAKAR Group of Industries started at Suryapet, Telangana, India, playing a significant role in supplying building materials such as pipes and fittings, uPVC windows and doors, as well as wires and cables.

Founder :- Shri. Meela Satyanarayana garu

Objective:- The objective of industrial visits is to bridge the widening gap between theoretical learning and practical exposure by giving students first-hand exposure to identify the inputs and outputs of different business operations and processes performed at the workplace.

Visit details:- 25th January, 2024

Time duration:- 1 day

Production function :- SUDHAKAR provides flame-retardant wires that are perfect for Indian homes, covering each and every application. Wires are manufactured using 99.97% pure electrolytic grade, bright annealed bare copper with specially formulated FR PVC compound with high insulation resistance value. A sheathing material is used to protect the insulated cores from mechanical damage. Flame-retardant properties enable the cable to withstand overload. Our wires are the heartbeat of every home with insulation that is resistant to boiling water, heat, oil and UV light.

Outcome:- We the students of acc were having new experience visiting the industry. We have practically seen how the pipes and other essentials are manufactured and it was great meeting the workers in the industry and they were so good at receiving us .



We thank sudhakar group of industries for receiving us .Your warm reception and great hospitality are appreciable. We learned a lot from the work managers . Visiting the industry has surely expanded my knowledge of the subject.

Alumni Guest Lecture Recap

Subject: Alumni Talk Report

Dear Sir/Madam,

I am pleased to present a report on the Alumni Talk session that took place on 14/09/2023 at our collage organized exclusively for the first-year students of the Department of B. Com Computer Applications. The session featured Ankit Sir, an esteemed alumnus who graduated from our college in the batch of 2016-2019.

Introduction:

The Alumni Talk session aimed to provide valuable insights and guidance to our current first-year students by inviting Ankit Sir, who has carved a successful path since his time at our institution.

Session Overview:

The session was engaging and highly interactive, with Ankit Sir displaying an exceptional sense of humor and a joyful demeanor throughout. The key highlights of the session included:

1. Importance of Networking:

Ankit Sir emphasized the significance of building relationships, making friends, and nurturing professional contacts. He stressed that networking plays a pivotal role in one's career development and shared personal anecdotes to illustrate its benefits.

2. Discipline in Life:

Ankit Sir underscored the value of discipline in one's life, both academically and professionally. He shared how maintaining discipline helped him during his college years and continues to be a guiding principle in his career.

3. Motivational Insights:

Ankit Sir motivated the students by sharing his own experiences during his college days, including his involvement in NCC activities. He highlighted the importance of pushing one's boundaries and participating in extracurricular activities to develop a well-rounded personality.

5. Communication Skills:

Ankit Sir emphasized the pivotal role of communication skills in professional success. He encouraged students to work on improving their communication abilities, as effective communication is essential in the corporate world.

Outcome:

The Alumni Talk session by Ankit Sir proved to be an incredibly informative and motivating event. His personal anecdotes, combined with practical advice, left a lasting impression on our first-year students. The session served as a source of inspiration and guidance, helping students better understand the importance of networking, discipline, and communication skills in their academic and future professional journeys.

We extend our heartfelt gratitude to Ankit Sir for taking the time to share his wisdom and experiences with our students. Such interactions between our alumni and current students are invaluable in shaping the future of our department.

In the future, we hope to continue organizing such alumni interactions to provide our students with the best possible guidance and inspiration.

Sincerely,

Binnuri Sahitya
Head of Department
Loyola Academy PG&UG





INDUSTRIAL VISIT REPORT

**AKSHAYA PATRA FOUNDATION
SANGAREDDY**

**Department: B.Com Honors Strategic Finance
- 2023-2026**

17-08-2023



REPORT

Aims & Objectives:

- To enhance understanding of students' academic knowledge in a Non-profit organization's context.
- To provide the students with opportunities for hands-on learning & practical exposure.
- To observe & document the organization's working, including any outreach or community engagement programs.
- To enable students to analyse the financial structure of the organization to assess its sustainability.
- To enable students interact with professionals & gain insights into career opportunities in the non-profit sector.

Abstract:

we've embarked on an enlightening journey on 17-08-2023, to explore the world of non-profit organization, focusing on their operations, missions, and societal impact. The chosen destination for this Industrial visit was **THE AKSHAYA PATRA FOUNDATION**, located at Sangareddy, which is a beacon of social change & community empowerment. This report serves as a reflection of our immersive experience and aims to provide a comprehensive overview of our observations, insights and key takeaways.

Introduction: The Akshaya Patra Foundation is an Independent Charitable Trust registered under the Indian Trusts Act, 1882 (reg.no. 154). we endeavour to implement the Government of

Learning outcomes:

During our visit, we delved into the heart of the foundation, immersing ourselves in their day-to-day operations and gaining firsthand exposure to their dedication and commitment to their cause. We interacted with the organization's passionate staff, which allowed us to understand their inner workings and the profound impact it has on the community it serves. The following are the learning outcomes of our visit:

1. **Understanding Non-profit operations:** We've gained insights into the day-to-day operations and management of a non-profit organization.
2. **Social Impact assessment:** We've learnt the positive impact of the foundation's services on the well being & education of children and its broader effects on the community.
3. **Food safety & quality control:** We've gained a good exposure of the strict quality control measures & food safety standards employed to ensure nutritious and safe meals.
4. **Supply chain Management:** we've gained insights into how the organization manages a complex task of supply chain to source, store, and distribute ingredients & meals effectively.
5. **Cost-efficiency:** learnt how the foundation maintains cost-efficiency while delivering nutritious meals at a large scale, making it sustainable.
6. **Community outreach:** We've learnt how the organization engages with local communities, schools, and governments to achieve its objectives and foster community development.
7. **Impactful scaling:** we've witnessed how the organization scales its operations to provide meals to a significant no. Of beneficiaries daily & explore the challenges and solutions involved
8. **Machinery and technology:** Understand the role of advanced machinery and technology in large-scale meal preparation and distribution, and how these innovations optimize efficiency.



Finovo- The Strategic Finance Utsav-2024

Date- 24th & 25th January 2024

Venue- Inigo Hall

Time- 9.30am to 4pm

Objective- Finovo: The Strategic Finance Utsav is to provide a platform for students to showcase their skills, knowledge, and innovative thinking in the field of strategic finance, while fostering a spirit of collaboration and intellectual exchange.



Report-



The Department of B.Com (Honours) Strategic Finance proudly unveiled the edition of "Finovo - The Strategic Finance Utsav" this year, following the resounding success of three previous editions featuring Comfiesta. "Finovo: The Strategic Finance Utsav" signifies the festival's steadfast commitment to exploration, innovation, and the continuous expansion of the horizons of strategic finance. This year, Team Finovo introduced three distinctive competitions alongside a speaking session titled "Strategic Timeout," aimed at engaging both participants and students of the department by addressing pertinent issues and offering valuable insights into the field of strategic finance.

The inaugural ceremony of Finovo commenced with great enthusiasm on the first day. The esteemed chief guests for the inaugural were Rajesh Choudhary, a renowned public speaker, and Surya Prakash, the Co-Founder & CEO of Deeploop Technologies. The event commenced with a solemn prayer followed by a traditional lamp lighting ceremony. The department extended a warm welcome to the guests by presenting momentos as tokens of appreciation. The inaugural address was delivered by Rev. Fr. M. Arul Jothi, Vice Principal of the School of Commerce, who emphasized the importance of such initiatives in fostering intellectual growth and professional development. Subsequently, the guest lectures by Mr. Rajesh Choudhary and Mr. Surya Prakash provided invaluable insights into the dynamic realm of strategic finance, setting an enriching tone for the event.



Post lunch, the competitions kicked off simultaneously, adding an element of excitement to the day's proceedings. The competitions are Shark Tank a solo competition where participants showcased their strategic acumen and entrepreneurial prowess. CEO Showdown a duo competition challenging participants to demonstrate their leadership and decision-making skills in a simulated corporate environment. Both competitions witnessed a significant number of enthusiastic participants, reflecting the keen interest and talent within the student

community. The first day of Finovo concluded with the completion of the Shark Tank competition and the first round of the CEO Showdown. The day was marked by spirited participation, insightful discussions, and a palpable sense of camaraderie among the attendees.



The second day of "Finovo: The Strategic Finance Utsav" commenced with exciting lineup of competitions. The highlight of the day was the "Budget Master" competition, a trio event where participants showcased their financial acumen by representing various sectors of the Indian economy. With numerous participants competing against each other across three rounds, the competition provided a platform for strategic analysis and decision-making.

Post lunch, the audience was treated to the second round of the "CEO Showdown," featuring a roast battle between rival companies. This unique format injected an element of fun and excitement into the competition, captivating the audience and showcasing the participants' wit and creativity.

The valedictory ceremony marked the culmination of Finovo, featuring esteemed chief guests Pranavi Varma, a fashion stylist in the Telugu film industry, and Sandeep Kadime, an actor from the Telugu film industry. The ceremony commenced with the dignitaries being invited on stage, followed by the Mega Fortune draw, a lottery competition that added an element of anticipation and excitement to the proceedings. The highlight of the valedictory ceremony was the prize distribution for the three competitions held during Finovo. Participants who demonstrated exemplary performance and skill were recognized and rewarded for their efforts.



Additionally, the spotlight was on the outgoing students who were honored for their excellence in various categories, including "Best Outgoing Student," "Academic Excellence," and "100% Attendance." As the event drew to a close, the organizers extended a heartfelt vote of thanks to all participants, sponsors, faculty members, and attendees who contributed to the success of Finovo.



In conclusion, "Finovo: The Strategic Finance Utsav" stands as a testament to the department's unwavering commitment to fostering excellence and innovation in the field of strategic finance. Over the course of the event, participants had the opportunity to showcase their talents, engage in meaningful discussions, and gain valuable insights from esteemed guests and competitions.

Outcome- As a result of Finovo, participants gained valuable insights into strategic finance through engaging competitions and guest lectures, fostering personal and professional growth, while the valedictory ceremony celebrated excellence and recognized outstanding achievements, reinforcing the sense of accomplishment and community within the department.

B.Com Business Process Management

Details of Student Centric Methods for the year 2023-24

During the year 2023-24, the faculty members of the department have planned and executed several student centric methods which help the students to enrich their knowledge and skills in various academic activities.

Sl. No	Student Centric Methods
1	Work shop https://docs.google.com/document/d/1VMH_feynRHEWrrJFBzi5RUBfgApeHOnh/edit?usp=sharing&ouid=111065984053887859027&rtpof=true&sd=true Industrial Visit https://docs.google.com/document/d/1oXjNAVVsdpSozjufnHpk8cOQB3bbiqP5/edit?usp=sharing&ouid=111065984053887859027&rtpof=true&sd=true

CENTRIC METHODS REPORT

DEPARTMENT OF B. Com Business Analytics

INDEX

S.No.	Events
1	GUEST LECTURE
2	NPTEL

Harnessing Inner Drive - Personality Development and Motivation

Date: February 22-23, 2024

No. of Participants: 100

Resource Person:

1. Mr. G. Manikumar-Entrepreneur, Founder of GMK Group India, Business Coach, Advocate
2. Mr. Tanishq-Assistant Manager at Federal Bank
3. Mrs. Charmeine Pascal- Senior learning management consultant at Thomson Reuters
4. Dr. Sri Lakshmi- Asst Professor in St Mary's college Yousufguda, Hyderabad and Visiting faculty in Accounting & Finance on Saturdays with ACFM (Annapurna college for Film & Media)
5. Dr. B.Suneetha – Motivational Speaker
6. Mr. K.Sundhar – Managing Director, FORMULA Training Company, Motivational Speaker and International soft skills trainer



LOYOLA ACADEMY

ALWAL, SECUNDERABAD 500 010 TS

(Autonomous and affiliated to Osmania University)

A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363 / 27860077

Department of B. Com Business Analytics

CIRCULAR

Date: 25-01-2024

Greetings!!

Dear students,

We are happy to inform you that Department of B.com Business Analytics is organizing a Workshop on Personality Development and Public Speaking skills on 22-02-2024 and 23-02-2024. Mr.K.Sundhar (Managing Director FORMULA Training Company, Motivational Speaker and International soft skills trainer) will impart knowledge on various Public Speaking skills to the students of B. Com Business Analytics.

Timings: 9.00 PM to 3.00 PM

Venue: Inigo-Block, Inigo seminar hall

Students should come with pen and book.


Principal

T. Swarna
(Head of the department)

POWERED BY
CENTRIK
OVERSEAS CONSULTANCY

INSTITUTIONS INNOVATION COUNCIL

ANALYTICA

— THE HARVEY SPECTER TOUCH —

WORKSHOP ON
"HARNESSING YOUR INNER DRIVE: MOTIVATION AND PERSONALITY DEVELOPMENT"

CHIEF GUEST

G. MANI KUMAR
SERIAL ENTREPRENEUR | VC | INVESTOR
ADVOCATE | BUSINESS COACH

SPEAKERS

DAY 1

CHARMEINE PASCAL
SENIOR LEARNING MANAGEMENT CONSULTANT
• THOMSON REUTERS

TANISHQ LOOMBA
PO • FEDERAL BANK

DAY 2

BOMMI SUNEETHA
MOTIVATIONAL SPEAKER
M.A. JAYSHREE, LTD.

DR. SRILAKSHMI RAMU
SENIOR EXPERIENCE FACILITATOR
MDA, M.COM, P.L.D.

Objectives: Develop a deep understanding of personal strengths and values to effectively set and achieve meaningful goals. Foster a growth mindset and resilience to overcome challenges and maintain motivation for continuous personal and professional development.

Workshop Overview:

Day 1: February 22, 2024

The workshop commenced at 9:00 AM with an opening address by Mr. G. Manikumar, setting the tone for the day's proceedings. Mr. Manikumar delved into the concept of inner drive and its pivotal role in personal development. He highlighted various factors that influence one's inner drive and provided insights into strategies for identifying and nurturing it.

Following Mr. Manikumar's session, Mr. Tanishq took the stage to discuss the correlation between personality development and inner drive. He emphasized the importance of self-awareness and offered practical tips for aligning personal goals with inner motivations. The session included interactive exercises aimed at self-reflection and goal-setting.

Day 2: February 23, 2024

The second day of the workshop commenced with a session by Mrs. Charmeine Pascal on motivation and its impact on achieving goals. Mrs. Pascal explored different motivational theories and their applicability in real-life scenarios. Participants engaged in group discussions and case studies to understand the dynamics of motivation in various contexts.

The workshop concluded with a panel discussion featuring all three resource persons, allowing participants to seek clarifications and share their experiences. The panelists addressed queries ranging from sustaining motivation over the long term to overcoming obstacles in personal development.

Dr. Sri Lakshmi commenced the day with a session on the integration of academic and professional pursuits for holistic development. She highlighted the role of education in shaping one's personality and motivation, drawing from her experiences as both an academician and a visiting faculty member.

The workshop concluded with an inspiring session by Dr. B. Suneetha, who shared practical strategies for maintaining high levels of motivation and harnessing inner drive amidst challenges. Her session resonated deeply with the participants, leaving them motivated and empowered.

Important Insights By Resource Persons:

Ms. CHARMINE PASCAL

The speaker began by introducing herself and providing a brief overview of her academic background and interests. She highlighted her journey through collage, including significant milestones and challenges faced during this period. Emphasized the significance of collage education in shaping one's professional career and personal growth. Discussed how collage experiences prepare individuals for the challenges of the real world, both personally and professionally.

Shared insights into her placement experience, including the process of applying for jobs, attending interviews, and securing a position. Discussed the challenges encountered during the placement phase, such as competition, self-doubt, and uncertainty about career choices. Highlighted the valuable lessons learned during the placement phase, including the importance of perseverance, adaptability, and continuous learning. Emphasized the significance of networking, building professional relationships, and seeking mentorship in navigating the job market successfully. Also, Offered practical advice and tips for college students preparing for their placement phase. Encouraged students to proactively engage in internships, networking events, and skill-building activities to enhance their employability.

The presentation by Ms. Charmine provided valuable insights into the collage experience and the challenges associated with the placement phase. Through personal anecdotes and practical advice, the speaker effectively conveyed the importance of perseverance, adaptability, and continuous learning in achieving professional success. The workshop concluded with a Q&A session, allowing participants to seek further clarification and guidance on collage and placement-related topics.

Mr. TANISHQ LOOMBA

Mr. Tanishq emphasized the significance of motivation in achieving academic and personal goals. He highlighted that motivation is the driving force behind every action and encouraged students to identify their passions and set clear goals to stay motivated throughout their college journey. By sharing personal anecdotes and success stories, he inspired the audience to cultivate a positive mindset and persevere through challenges. The speaker delved into the concept

of resilience and its relevance in navigating the ups and downs of college life. He underscored that setbacks and failures are inevitable but reiterated that resilience is about bouncing back stronger from adversity. Through practical tips and strategies, such as practicing self-care, seeking support, and reframing negative thoughts, he empowered students to build resilience and embrace failure as a stepping stone to growth. Networking was highlighted as a crucial aspect of college life and beyond. [Speaker's Name] stressed the value of building meaningful connections with peers, professors, and professionals in various fields.

He emphasized that networking not only opens doors to opportunities such as internships and job placements but also fosters a supportive community that can offer guidance and mentorship. The speaker shared actionable advice on networking etiquette, leveraging social media platforms, and attending networking events to expand one's professional circle. Throughout the workshop, Mr. Tanishq engaged the audience through interactive activities, including group discussions, role-playing scenarios, and goal-setting exercises. These activities encouraged active participation and facilitated peer-to-peer learning, allowing students to reflect on their own experiences and gain insights from their peers.

In conclusion, he delivered a dynamic and thought-provoking workshop that left a lasting impact on the audience. By addressing key topics such as motivation, resilience, and networking, he equipped college students with practical strategies and tools to thrive academically and professionally. The workshop served as a reminder of the importance of perseverance, adaptability, and community support in navigating the challenges of college life and achieving success in the future.

Dr. SRI LAKSHMI RAMU

Dr. Sri Lakshmi Ramu began by elucidating the concept of business analytics and its increasing relevance across industries. They highlighted how businesses leverage data-driven insights to make informed decisions, optimize processes, and gain a competitive edge in the market. The speaker emphasized the benefits of pursuing business analytics courses in college. They underscored how such programs equip students with analytical skills, statistical knowledge, and proficiency in data manipulation tools, which are highly sought after by

employers in various sectors. A significant portion of the speech was dedicated to discussing the myriad career opportunities available to graduates with a background in business analytics. The speaker elucidated on roles such as data analyst, business intelligence analyst, data scientist, and emphasized the growing demand for professionals with expertise in this field.

Transitioning to the entrepreneurial aspect, the speaker advocated for the integration of entrepreneurship education into college curriculums. They stressed the importance of nurturing an entrepreneurial mindset among students, fostering creativity, innovation, and problem-solving skills essential for starting and managing successful ventures. The speaker encouraged students to actively engage in entrepreneurial initiatives and provided examples of successful student-led startups. They emphasized the importance of seizing opportunities, taking calculated risks, and learning from failures in the entrepreneurial journey. Lastly, the speaker highlighted the resources and support available within the college ecosystem to aspiring entrepreneurs. They mentioned incubation centers, mentorship programs, and funding opportunities aimed at nurturing and sustaining student entrepreneurship.

In conclusion, the speech delivered by the speaker provided valuable insights into the realms of business analytics education and entrepreneurship. The workshop served as a catalyst for inspiring students to explore these domains, equip themselves with relevant skills, and embark on fulfilling career paths or entrepreneurial ventures in the future.

Outcomes:

1. Understanding the concept of inner drive and its significance in personal growth.
2. Recognizing the interplay between personality development and inner motivations.
3. Exploring strategies for fostering self-awareness and setting meaningful goals.
4. Gaining insights into different motivational theories and their practical implications.
5. Learning techniques for maintaining motivation and overcoming challenges.

Feedback and Conclusion:

The workshop received overwhelmingly positive feedback from participants, who expressed appreciation for the depth of insights provided by the resource persons. Many attendees noted that the workshop had inspired them to introspect and take proactive steps towards personal development. The event concluded with a vote of thanks to the resource persons, organizers, and participants for their contributions to making the workshop a resounding success.

We extend our gratitude to Mr. G. Manikumar, Mr. Tanishq, and Mrs. Charmaine Pascal for sharing their expertise and enriching the learning experience of all attendees. We look forward to organizing similar insightful workshops in the future to continue nurturing personal and professional growth within our community.



B.COM BUSINESS ANALYTICS

REPORT ON NPTEL

For the Academic Year 2023-24

REPORT ON HARBINGER SESSION

DATE: 12 July 2023

VENUE: PG Block

PRESENTED BY: ABBA

INTRODUCTION TO HARBINGER SESSION

The students of ABBA collected and presented information regarding the topics either they were fairly interested in or recent events that could capture the interest of the class and make them well equipped with the happenings around the globe. Topics for the session were Latest Financial Trends over the Globe, Sea Exploration and Entertainment.

OBJECTIVES OF THE SESSION

The objective of the session was to first of all, make the students who were presenting, confident in their Public Speaking Skills so that they could commute to their fellow classmates in an efficient way and to provide the others who were listening, with knowledge about topics they might've never sought interest in.

THE PRESENTATION

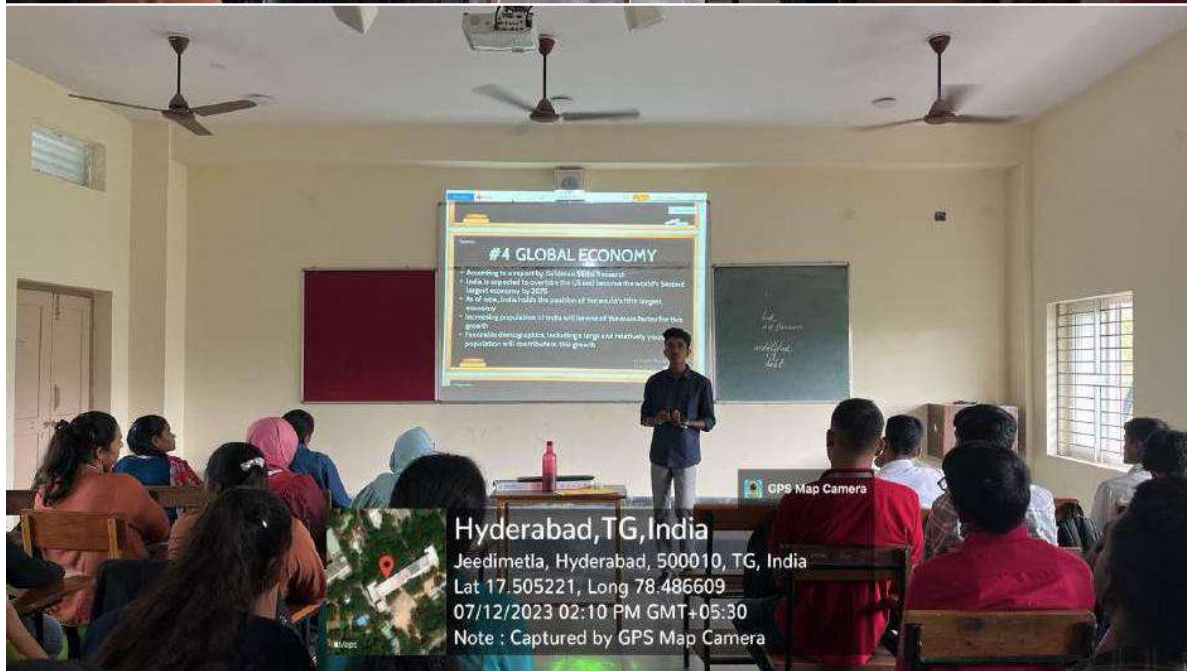
The first student to start with his presentation was Khushal Borad who gave us an insight into the latest financial trends all over the globe. A knowledgeable session about everything finance related in the recent days was an interesting piece of information for the rest of the class to grasp

The second group to present consisted of students Benita, Deepika, Rishitha and Khushi who presented their Powerpoint presentation with a rather eye-catching title called "Can I Sea You?". The presentation described a recently well-known concept of Sea Exploration and a popular tragedy attached to it. It was a unique topic which captured the interest of the rest of the class.

Finally, Hussein was the last student to present on a comparatively Light hearted topic than others which was Entertainment. The two subtopics he covered was about the recent talks of the town: Bigg Boss OTT and the shenanigans of its contestants and the ongoing Threads Vs. Tweets banter was quick for the presentation to start and end with laughter and excitement.

CONCLUSION

It was a fun time of taking a break from the usual lectures and exchanging some fun and informative information among students.



REPORT ON HARBINGER SESSION

DATE: 25 July 2023

VENUE: MS TEAMS

TOPIC: VANDE BHARATA Vs THE AIRWAYS

OBJECTIVE: The core objective of this session was to encourage the students of the BBA department into an interactive session that would not only enhance their communicative and listening skills but also broaden their knowledge on the fast paced growth in India.

INTRODUCTION TO HARBINGER SESSION:

The department of BBA conducts a weekly interactive session called the HARBINGER BUSINESS SESSION in order to enhance the student's knowledge of the business world, whilst enhancing their communicative skills, thus preparing them to be efficient future entrepreneurs, leaders and successful business men and women.

THE PRESENTATION:

Vande Bharat is in a neck-to-neck competition with the aviation sector when it comes to providing comfort, safety, and affordable pricing for longer journeys.

The presentation of today's Harbinger session was given by one speaker who gave a fascinating presentation of the diversity and dynamism of the Indian transport.

The presentation began with the speaker conducting a friendly quiz competition between the girls and the boys regarding "THE TYPES OF TRANSPORT", and indeed managed to grab the attention of the students. From there the presentation gained its momentum, where the speaker continued his presentation by giving a detailed explanation of these types of transport.

Starting from historic times and peaking to the present modern era, the presentation covered the imperative aspects of most of the types of transport.

The presentation took another turn when the speaker presented the students with the various advantages and disadvantages of the airways and vande bharat thus enhancing the perspective of the students into mutually deciding among themselves as which one was better, leading the session into a healthy debate among the students.

And last but not the least, the session ended with the students mutually reaching the conclusion that the requirement to choose that specific transport would depend upon the necessity of the transport as to what the situation would demand at that particular moment of time.

OUTCOME:

This interactive session on VANDE BHARATA Vs THE AIRWAYS has proven to be quite resourceful as it has given a broader perspective on the pros and cons of these two types of modern transport and more necessarily boosting their communicating and listening skills..

CONCLUSION:

To conclude, the session has been very informative and educational to the students. It assisted them in acknowledging the depth of the challenges that most businesses face in choosing their mode of transport for their operations, whilst also helping the students have a refreshing boost of their communication skills.

REPORT ON HARBINGER SESSION

DATE: 27-JULY-2023

VENUE: MS TEAMS

TOPIC: BIHAR TOURISM

Objective:

The primary aim of the Bihar tourism presentation is to inform and educate students about the tourism potential, attractions, and opportunities in Bihar. It also focuses on the economic impact of tourism, marketing strategies, and the significance of the tourism industry in the state's development.

INTRODUCTION TO HARBINGER SESSION:

The department of BBA conducts a monthly interactive session called the HARBINGER BUSINESS SESSION in order to enhance the student's knowledge of the business world and to prepare them to be future entrepreneurs, leaders and successful business men and women.

THE PRESENTATION:

The presentation of today's Harbinger session was given by two speakers who did an amazing job of presenting the diverse and captivating tourist destinations that Bihar has to offer. They highlighted the rich historical and cultural heritage, showcasing landmarks such as Bodh Gaya, known for its connection to Buddhism, the ancient ruins of Nalanda University, and the architectural marvel of Mahabodhi Temple. The speakers also emphasized the state's unique festivals, traditional crafts, languages and local cuisine, providing a holistic view of the tourism experience in Bihar. This comprehensive presentation aims to inspire BBA students to consider the potential of Bihar's tourism industry from both an economic and managerial perspective.

two speakers adeptly navigated through key destinations, offering valuable insights. Commencing with Patna, they underscored its urban dynamism, emphasizing the coexistence of historical landmarks and modern infrastructure. Their analysis shed light on Patna's evolving landscape and its potential as a multifaceted tourism hub.

Transitioning to Rajgir, the speakers delved into its historical and spiritual significance. With precision, they elucidated Rajgir's role in pivotal events of Buddha's life, thereby positioning it as a pilgrimage site with immense cultural importance. Their presentation highlighted Rajgir's unique appeal, capturing its tranquil ambiance amidst natural surroundings.

The discourse culminated with the luminous Bodhgaya. The speakers eloquently conveyed its prominence as the site of Buddha's enlightenment. They effectively portrayed the Mahabodhi Temple's grandeur and its profound connection to Buddhism. Their insights illuminated Bodhgaya's global spiritual significance, rendering it a focal point for spiritual seekers and historians alike.

Collectively, the presentation aptly portrayed Bihar's tourism potential, encapsulating the diverse character of Patna, the historical tapestry of Rajgir, and the spiritual sanctity of Bodhgaya, thereby fostering a comprehensive appreciation of the state's unique offerings.

OUTCOME:

The outcome of the Bihar tourism presentation is a heightened awareness and appreciation among graduate students about the state's cultural heritage, historical significance, and economic potential. The presentation has inspired students to consider innovative ways to contribute to the growth of Bihar's tourism industry, fostering a sense of responsibility towards preserving its unique traditions and attracting visitors.

CONCLUSION:

We can conclude that the session has been very informative and educational to the students. The presentation has effectively illuminated the state's remarkable cultural heritage, historical landmarks, and economic prospects. The newfound knowledge has illuminated the hidden treasures of the state and instilled a profound appreciation for its diverse offerings. As a result, student's awareness of Bihar's tourism landscape has expanded, propelling the students to view it not only as a region of historical value but as a realm of possibilities for sustainable growth and positive impact.

REPORT ON HARBINGER SESSION

DATE: 03 August 2023 **VENUE:**

PG BLOCK

TOPIC: THE FINANCIAL SYSTEM OF INDIA.

OBJECTIVE: The core objective of this session was to enlighten the students of the BBA department with information that would duly help them grasp the diversity of the dynamic Financial system in India.

INTRODUCTION TO HARBINGER SESSION:

The department of BBA conducts a weekly interactive session called the HARBINGER BUSINESS SESSION in order to enhance the student's knowledge of the business world and to prepare them to be future entrepreneurs, leaders and successful business men and women.

THE PRESENTATION:

The presentation of today's Harbinger session was given by one speaker who gave a fascinating presentation of the diversity and dynamism of the Indian Financial Structure.

The presentation began with the speaker conducting a friendly quiz competition between the girls and the boys regarding "THE TYPES OF BANK ACCOUNTS", and indeed managed to grab the attention of the people. From there the presentation gained its momentum, where the speaker continued his presentation by giving a detailed explanation of the types of Banks. Starting from historic times and peaking to the present modern era, the presentation covered the imperative aspects of most of the types of Banks.

The presentation took another turn when the speaker presented the life stories of various bankers who have made multiple mistakes in their lives with controlling their respective banks that led them to bear loathsome repercussions, thus making the students aware of how to efficiently be in control of their banks.

And last but not the least, the speaker finally spoke about the various ways of opening bank accounts which also ended with an interactive discussion among the students about the best suitability of the spoken types of banks in their respective regard.

OUTCOME:

This session on **INDIAN FINANCIAL STRUCTURE** has proven to be quite resourceful as it has given a detailed description of the types of banks and more necessarily the obstacles one might have to face in the course of operating their own bank accounts.

CONCLUSION:

We can conclude that the session has been very informative and educational to the students. It assisted them in acknowledging the depth of the challenges that they might face in the financial banking sector of the business world as the future business men or women by citing the informative examples.



REPORT ON HARBINGER SESSION

DATE: 05-AUGUST-2022

VENUE: PG BLOCK

TOPIC: QUAD

OBJECTIVE: The primary aim of this session was to enlighten the students of the BBA department with the requisite information to help them grasp the diversity of the dynamic global business frontier.

INTRODUCTION TO HARBINGER SESSION:

The department of BBA conducts a monthly interactive session called the HARBINGER BUSINESS SESSION in order to enhance the student's knowledge of business world and to prepare them to be future entrepreneurs, leaders and successful business men and women.

THE PRESENTATION:

The presentation of today's Harbinger session was given by two speakers who did an amazing job of presenting the QUAD countries, its significance, its issues related to QUAD, details on QUAD summit 2022 and 2023.

The presentation began with the first speaker explaining what is QUAD, its full form, the QUAD countries from there the presentation has gained its momentum, where the speaker continued her presentation by giving the detailed explanation about the significance of the QUAD, where the QUAD strategically counters China's economic and military rise.

- India can take the support of the other QUAD nations in the event of rising Chinese hostilities on its borders. India can use naval extensions in the Indo-Pacific region for strategic exploration.
- China's aggressiveness and coerciveness in the strategic Indo-Pacific region are frequently discussed among the QUAD countries.

These were the two main significance of QUAD, especially for India that the speaker focused on.

The presentation took another turn when the second speaker presented the issues related to QUAD, in the presentation it included three issues i.e.,

- Undefined vision: Despite the potential for cooperation, the Quad remains a mechanism without a defined strategic mission.
- Maritime dominated: The entire focus on the Indo-Pacific makes the Quad a maritime, rather than a land-based grouping, raising questions whether the cooperation extends to the Asia-Pacific and Eurasian regions.

- India's aversion of alliance system: The fact that India is the only member that is averse to a treaty alliance system, has slowed down the progress of building a stronger Quadrilateral engagement.

Apart from these three issues the speaker also spoke about other three issues i.e.,

- Complexity: there is a risk of oversimplification and diminishing the richness of the subject matter.
- Miscommunication: when expressing complex ideas, misunderstanding can arise, leading to misinterpretation.
- Inadequate coverage: certain topics may require more comprehensive exploration and limiting them may leave out essential points.

Later the speaker continued with QUAD summit 2022 and 2023 where the QUAD summit saw the leaders of Australia, India, Japan and the US discuss key issues such as regional security, climate change, COVID-19 response, supply chain resilience and technology cooperation. They emphasized promoting a free and open Indo-pacific, and fostering economic cooperation. The leaders pledged to work together on infrastructure projects and vaccine distribution to support global recovery and address common challenges.

In addition to last summit they aimed to bolster democratic values, advance technology partnerships, and ensure a rules-based international order in 2023 but the summit was not held.

OUTCOME:

This session on **QUAD** has proven to be quite resourceful as it has given a detailed account of the QUAD countries that brings together to promote regional security and cooperation in the Indo-pacific, and its role and impact which continue to evolve in response to changing geopolitical dynamics.

CONCLUSION:

We can conclude that the session has been very informative and educative to the students. It assisted them in acknowledging the depth of the challenges that they might face in the business world as the future business men or women by sighting the examples.



SCHOOL OF MANAGEMENT

REPORT ON STUDENT CENTRIC METHOD OF ABBA-ED 2023-2024

TEACHER IN-CHARGE: DR.J. SUPRIYA

OBJECTIVES:

- It aims to increase student's involvement and participation in the learning process.
- Student-centred methods encourage critical thinking, problem-solving, and inquiry-based learning.
- It helps to develop the student's ability to take ownership of their education and become self-directed learners.
- To improve communication skills.
- To help the students gain more confidence.

INTRODUCTION TO THE HARBINGER SESSION:

The department of ABBA-ED conducts a weekly interactive session called the HARBINGER SESSION in order to enhance the student's knowledge of business world and to prepare them to be future entrepreneurs, leaders and successful business men and women and gain knowledge to topics which are not profoundly discussed in the class.

THE PRESENTATIONS:

Teams were divided among the students based on their Uid's and topics were given to each team to present them in the class with the help of ppt's.

WEEK-1

TOPICS: INDIAN ECONOMY AND ISSUES RELATING TO PLANNING.

In the first week of the harbinger session Team-1 presented their topics.

Uid-1,11,21,31,41,51,61

Indian economy and issues relating to planning, mobilization of resources, growth, development and employment were discussed by team 1 students.

The students divided their sub topics among themselves and presented before the class. Each of them was given 5-10 minutes to present their topics. The presentation was done with the help of ppt.

WEEK-2

TOPICS: INCLUSIVE GROWTH AND ISSUES ARISING FROM IT.

In the second week of the harbinger session Team-2 presented their topics.

Uid-2,12,22,32,42,52

They discussed about the elements, challenges of inclusive growth and government schemes, measures to promote inclusive growth.

The presentation was done with the help of ppt.

WEEK-3

TOPICS: GOVERNMENT BUDGETING.

In the third week of the harbinger session Team-3 presented their topics.

Uid-3,13,23,33,43,53

Importance of budgeting, its components, challenges, benefits of budgets were discussed and budget cycle was introduced.

The presentation was done with the help of ppt.

WEEK-4

TOPICS: MAJOR CROPS

In the fourth week of the harbinger session Team-4 presented their topics.

Uid-4,14,24,34,44,54

Cropping patterns in various parts of the country, different types of irrigation and irrigation system storage, transport and marketing of agricultural produced and issues related constraints; e-technology in the aid of farmers. These topics were discussed by team 4 students.

The presentation was done with the help of ppt.

WEEK-5

TOPICS: ISSUES RELATED TO DIRECT AND INDIRECT FORM SUBSIDIES AND MINIMUM SUPPORT PRICES.

In the fifth week of the harbinger session Team-5 presented their topics.

Uid-5,15,25,35,45,55

Issues related to direct and indirect form subsidies and minimum support prices; public distribution system- objectives, functioning, limitations, issues of buffer stocks and food security; technology missions; economics of animal rearing. These were discussed by the team 5 members.

The presentation was done with the help of ppt.

WEEK-6

TOPICS: FOOD PROCESSING.

In the sixth week of the harbinger session Team-6 presented their topics.

Uid-6,16,26,36,46,56

Food processing and related industry in India – scope and significance, location, upstream and downstream requirements, supply chain management were discussed in the class.

The presentation was done with the help of ppt.

WEEK-7

TOPICS: LAND REFORMS IN INDIA

In the seventh week of the harbinger session Team-7 presented their topics.

Uid-7,17,27,37,47,57

Historical background, key policies and initiatives, criticisms and controversies surrounding land reforms were discussed by this team.

The presentation was done with the help of ppt.

WEEK-8

TOPICS: EFFECTS OF LIBERALIZATION ON THE ECONOMY.

In the eighth week of the harbinger session Team-8 presented their topics.

Uid-8,18,28,38,48,58

Effects of liberalization on the economy, changes in industrial policy and their effects on industrial growth. Infrastructure: energy, ports, roads, airports, railways.

These were discussed by the team 8 students.

WEEK-9

TOPICS: INVESTMENT MODELS

In the ninth week of the harbinger session Team-9 presented their topics.

Uid-9,19,29,39,49,59

Investment models, types, process, benefits, and schemes were discussed by team 9 students.

WEEK-10

TOPICS: AWARENESS IN THE FIELDS OF IT.

In the tenth week of the harbinger session Team-10 presented their topics.

Uid-10,20,30,40,50,60

Awareness in the fields of it, space, computers, robotics, nano-technology, bio-technology and issues relating to intellectual property rights. These were discussed by team 10 members.

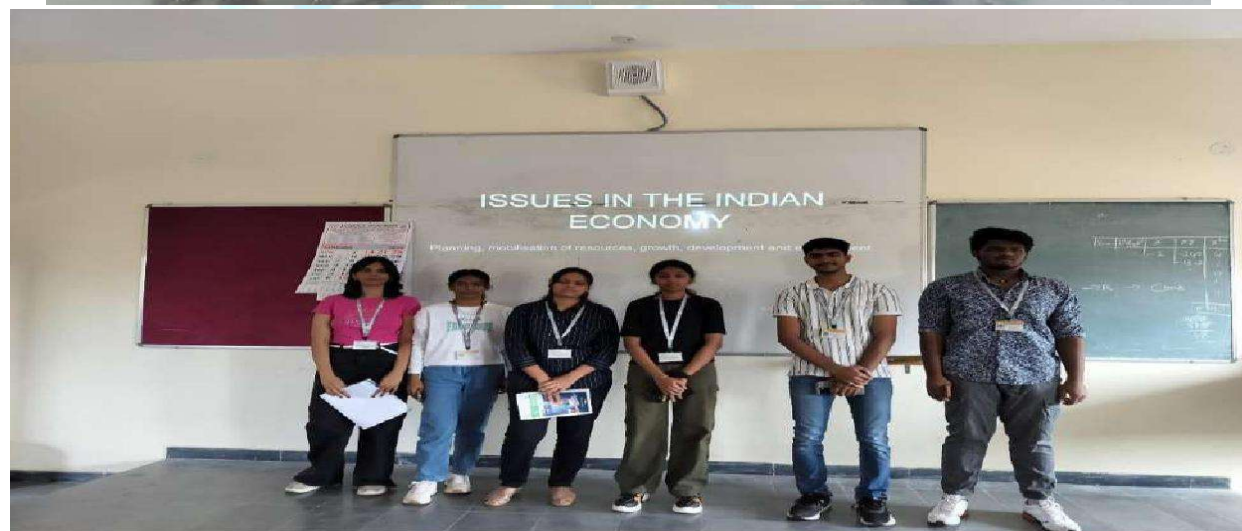
The presentation was done with the help of ppt.

OUTCOME:

- The students have become aware about various new concepts and trends in the present market.
- The sessions have improved the student anticipation.
- The sessions have improved the student engagement and interaction in the classroom.
- It has also helped the students to improve their vocabulary and also helped them in overcoming stage fear.

CONCLUSION:

We can conclude by saying that the session has been very informative to the students, and it has made them aware of various new concepts. It has also made the classroom a more interactive environment.



REPORT ON STUDENT CENTRIC METHODS OF NBBA-ED 2023-2024

TEACHER IN-CHARGE: MRS.SWETA RAO

OBJECTIVES:

- To improve communication skills.
- To help the students become familiar with new topics/concepts.
- To enhance their knowledge in various theoretical aspects.
- To help the students gain more confidence.
- To make the classroom a better learning environment through student interaction.

INTRODUCTION TO THE HARBINGER SESSION: The department of NBBA-ED conducted weekly harbinger sessions in class to develop the critical thinking and communication skills of the students.

Harbinger sessions are instrumental in creating a dynamic and interactive classroom atmosphere. From sparking curiosity and providing context to fostering critical thinking and creating an interactive learning environment, these sessions have contributed significantly to the overall effectiveness of the teaching and learning process.

THE PRESENTATIONS:

Individual topics were given to students based on their uid's and the students were given specific time to prepare and present their topics in the class with the help of ppt's.

WEEK 1:

TOPICS: INDIAN DEFENCE & CRICKET BETTING

In the first week of the harbinger sessions uid 29 and 43 presented their respective topics. **Uid 29** spoke about Indian defence when it was formed the members of it, the sacrifices it did in order to save the country, the machinery they use, the safety measures they take etc. **Uid 43** spoke about cricket betting's that happen during cricket matches and how much revenue is generated from it and the sources used.

Both the uid's presented their topics using ppt's and both of them were given 10 minutes time to present their topic.

WEEK-2

TOPICS: GOOD V/S EVIL LITERATURE & MANUFACTURING COMPANIES IN INDIA

Uids 54 and 27 presented their respective topics in the 2nd week of the harbinger sessions. Uid 54 presented about Good literature v/s Evil literature he gave information about types and sources of literature, meaning, examples and the influence good and evil literature has on students.

Uid 27 presented about what are manufacturing industries, manufacturing sector in india, the revenue the manufacturing industries generate, and she has also elaborated on a few manufacturing industries in india like Tata motors, Reliance, Mahindra and Mahindra, Bhel etc.

The presentations were done with the help of ppt's.

WEEK 3

TOPICS: UTILITARIANISM & KANTIAN DUTY BASED ETHICS/UNIVERSALISM THEORY

Uids 7 and 11 gave their presentations in the 3rd week of the harbinger sessions. In the 3rd week of harbinger sessions the students gave their presentations on ethical theories that came into existence in the 18th and 19th century. These concepts were related to various principles and found its roots in the history.

Uid 7 presented on what is utilitarianism, types, its history and objections to utilitarianism.

Uid 11 gave her presentation on the topic universalism theory explaining the history, objectives, objections etc.

WEEK 4

TOPICS: NYKAA, WOMEN EMPOWERMENT, SATELLITES

Uids 1, 28 and 58 gave their presentations in the 4th week of harbinger sessions.

Uid 1 presented about nykaa-its history, success story, drawbacks, financial position, the products and services it provides etc.

Uid 28 spoke presented about women empowerment he spoke about how the world is a male dominated society and how the mentalities of the people should change, ways to empower women, why it is necessary to empower women and how women have evolved from the past generations.

Uid 58 presented about satellites he spoke about satellites, orbits and its types and how these satellites are helpful in the technological development and upgradation of the future.

These presentations were done with the help of ppt's.

WEEK 5

TOPICS:HINDU RITUALS AND REASONS BEHIND FOLLOWING THEM, ISLAM CULTURE.

Uids 3 and 50 gave their presentations in the 5th week of the harbinger sessions.

Uid 3 presented about the various hindu rituals and the reason why hindus follow those particular rituals. The presentation consisted about 20 hindu rituals and the reasons for following them. The presentation was done with the help of a ppt.

Uid 50 presented about the history of Islamic culture the various practices under Islamic culture and its impact on the world. The presentation was done with the help of a ppt.

WEEK 6

TOPICS:RECYCLING AND DISNEY

Uids 2 and 10 gave their presentations in the 6th week of the harbinger sessions.

Uid 2 presented on the topic Disney, its evolution, its popularity and its impact on kids and the various services that Disney provides. This presentation was done with the help of a ppt.

Uid 10 presented about the power of recycling, why it is important and the various impactful effects that it can have on the society.

WEEK 7

TOPICS:ALCHOL AND AYODHYA

Uids 11 and 45 gave their presentations in the 7th week of harbinger sessions.

Uid 11 gave her presentation on the topic Ayodhya, its history, the fights that took place in order to build it and its success journey. This presentation was done with the help of a ppt.

Uid 45 gave his presentation on the topic alcohol consumption, its impact on human health and its short term and long term effects. This presentation was done with the help of a ppt.

OUTCOME:

- The students have become aware about various new concepts and trends in the present market.
- The sessions have improved the student anticipation.
- The sessions have improved the student engagement and interaction in the classroom.
- It has also helped the students to improve their vocabulary and also helped them in overcoming stage fear.

CONCLUSION:

We can conclude by saying that the session has been very informative to the students, and it has made them aware of various new concepts. It has also made the classroom a more interactive environment.



ABBAT – BBA Tourism
Student Centric Report 2023-2024

To enhance student learning experience, various methods such as experiential learning, participative learning was used. Harbinger Session and Virtual Tours were incorporated as a part of the teaching sessions.

DATE : 18-08-2023 , 15-09-2023 , 9-10-2023

VENUE : PG Block

TOPIC : About different cultures of India , History of Starbucks, About Chandrayaan , IT Companies.

OBJECTIVE : The primary aim of this session was to enlighten the students of the BBA department with the requisite information to help them grasp the diversity of the dynamic global business frontier.

INTRODUCTION TO HARBINGER SESSION

The department of BBA Tourism conducts a monthly interactive session called the HARBINGER BUSINESS SESSION in order to enhance the students's knowledge of the business world and to prepare them to be future entrepreneurs and their hustle in turning their dreams into reality.

THE PRESENTATION

The presentation in the Harbinger session was given by group of students on a particular topic who did an amazing job in presenting the life stories of entrepreneurs , explaining about the different cultures of India. We also learnt about the IT companies in India.

The presentation on ' History of Starbucks' started with interactive session by asking the students about their choice between tea and coffee which grabbed the attention of the students. From their the presentation has gained its momentum, where the speakers continued the presentation and also said about the life history of 'Howard Schultz' the entrepreneur of Starbucks and his struggles for making his company successful.

Then the next presentation of 'India and its cultures' was done in the class by next group of students. They explained about the different food varieties , the dresses of India , the different dance forms of India and other topics. Then at the end of the presentation they took a quiz which was enjoyed by the students.

The next group of students presented on ' Chandrayaan 3'. The students explained about the mission in detail and also made this session interesting by showcasing the launching video of Chandrayaan in the class. At the end of the presentation the students were allowed to ask questions if they have any.

OUTCOME :

The session during 'Harbinger Session' has proven to be quite resourceful as it has given a detailed account of the lives of entrepreneurs, India and its culture, Chandrayaan etc. After these sessions the students gained knowledge on these different topics.

CONCLUSION :

We can conclude that the session has been a very informative and educative to the students. It assisted them in acknowledging the depth of the challenges that might be faced in the business world as the future business entrepreneurs and also about the dynamic world INDIA and its culture and understanding that everyone are equal and no one should be treated on the basis of caste , culture, colour etc.

DATE: 5 December 2024

VENUE: PG Block

PRESENTED BY: ABBA T

INTRODUCTION TO HARBINGER SESSION

The students of ABBA T collected and presented information regarding the topics either they were fairly interested in or recent events that could capture the interest of the class and make them well equipped with the happenings around the globe. Topics for the present session was a debate on Vande Bharat Vs. Airlines.

OBJECTIVE OF THE SESSION

The objective of the session was to help students articulate. In this regard the topic Vande Bharat vs. Airline was chosen.

THE DEBATE

Students divided themselves into 2 groups and discussed the pros and cons of Vande Bharat and Airlines.

CONCLUSION

It was an interactive session wherein students debated and expressed their opinion on the topic.

DATE: 13 December 2024

VENUE: PG Block

PRESENTED BY: ABBA T

OBJECTIVE OF THE SESSION

The objective of the session was to help students understand the attractions in Pondicherry.

Virtual Tour

Students undertook a virtual tour of Pondicherry. Various aspects of tourism in Pondicherry such as sightseeing options, accommodation, accessibility were shown and discussed.

CONCLUSION

Students learnt about Pondicherry Tourism.

DATE: 27 February 2024

VENUE: PG Block

PRESENTED BY: ABBA T

OBJECTIVE OF THE SESSION.

The objective of the session was to help students develop presentation skills.

The session:

Presentation were given by various students on topics relating to Tourism and Management.

Topics:

Importance of Soft Skills in the age of AI

Essential traits of Restaurant Staff

Corporate Governance and Byju

DATE: 2 April 2024

VENUE: PG Block

PRESENTED BY: ABBA T

OBJECTIVE OF THE SESSION.

The objective of the session was to help students learn about domestic airports.

The session:

Presentation on domestic airport

CONCLUSION

Students learnt about various Domestic Airports.



