

REPORT FOR ARTIFICIAL INTELLIGENCE BUSINESS OPERATION-Trends in Technology (2023-2024)

Invitation:



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR
WOMEN, HOSUR
(Affiliated to Periyar University, Salem)
Mookandapalli, Sipcot, Hosur - 635126



**Department of BUSINESS
ADMINISTRATION WITH
(COMPUTER APPLICATION)**

organizes a

on

Trends In Technology
Artificial Intelligence Business Operation

Date : 07.10.2023

Date : 07.10.2023

Resource Person : Mrs. VIYANI JENITA MARY
Assistant Professor,
Department Commerce,
St. Joseph's College of Arts and Science for Women,
Hosur

Class : III-BBA (CA)

No of Beneficiaries : 55

Report:

Mrs. Viyani Jenita Mary, Assistant Professor in the Department of Commerce, recently conducted an illuminating session for III BBA (CA) students on "Artificial Intelligence in Business Operations." Delving into the transformative impact of AI, Mrs. Mary explored its applications in optimizing business processes, decision-making, and customer interactions. She underscored how AI technologies enhance efficiency and competitiveness across industries. Students gained valuable insights into the integration of machine learning and automation in contemporary business strategies. Mrs. Mary's guidance aimed to equip students with a forward-looking perspective on AI, emphasizing its role in shaping the future of business operations and fostering a deeper understanding of its practical applications.



Photos:



**Reports on Supply Chain Digitalization Enhancing Efficiency and
Transparency :Trends in technology
Academic year 2023-2024**

Invitation



Date : 07.10.2023

Resource person : Mrs. Samundeeswari
Assistant professor
Department of commerce
St. Joseph college of Arts and science for women, Hosur.

Class : II B.COM CA B

No. Of Beneficiaries : 57

Report

The process of substituting digital solutions for analog or manual processes across the whole e-commerce supply chain is known as supply chain digitalization. Digitalization is the process of integrating cutting-edge digital goods and services into various supply chain components in order to boost visibility, enhance management, and expedite processes. Mrs. Samundeeswari Assistant professor in the Department of commerce, oriented about the importance of digitalisation in enhancing efficiency and transparency in supply chain. It will definitely help the students to build confidence for their future workplace.

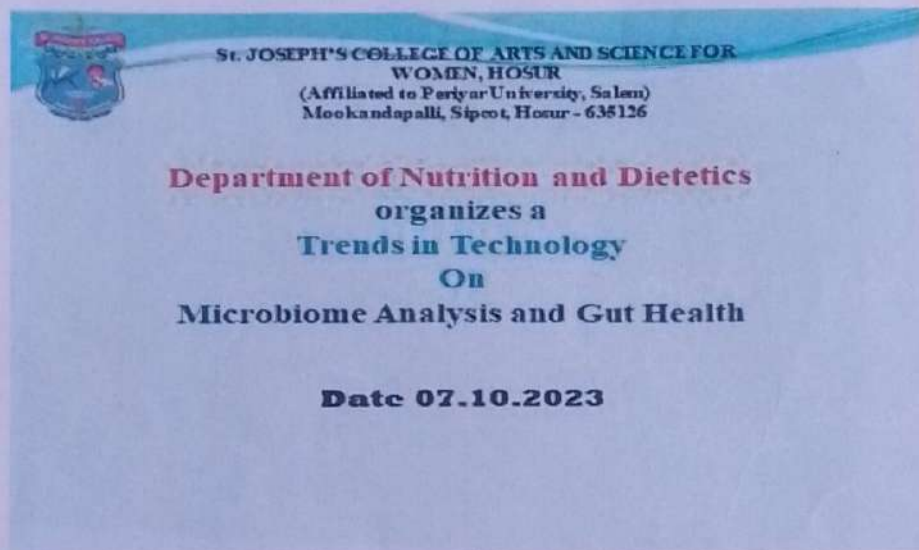


Photos:



REPORT FOR WORKSHOP ON MICROBIOME ANALYSIS AND GUT HEALTH-
TRENDS IN TECHNOLOGY (2023-2024)

Invitation:



Date : 07.10.2023

Resource Person : Mrs.R.Prailin,
Assistant Professor,
Department of Nutrition and Dietetics,
St.Joseph's College of Arts and Science for Women, Hosur.

Class : III B.Sc Nutrition and Dietetics

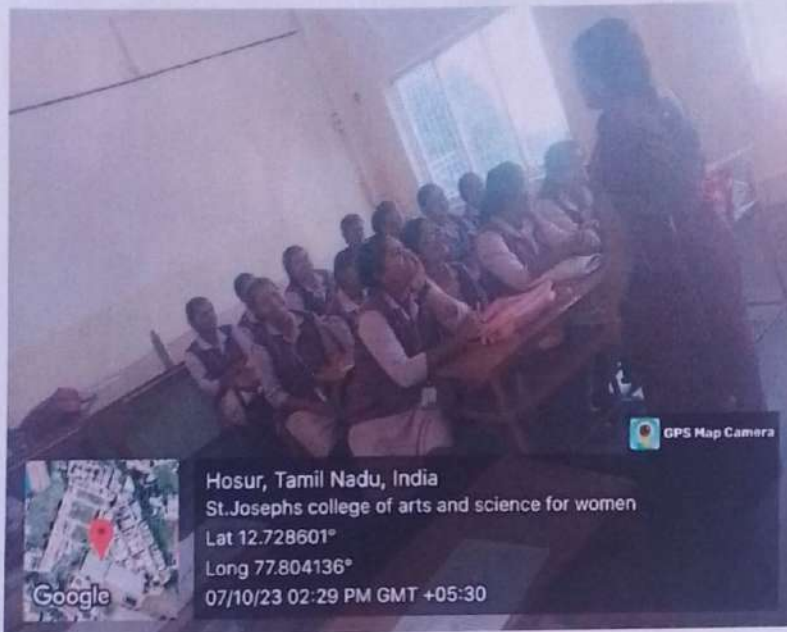
No. of Beneficiaries : 16

Report:

Department of Nutrition and Dietetics organized Trends in Technology workshop on microbiome analysis and gut health. Mrs.R.Prailin, Assistant Professor, Department of Nutrition and Dietetics was the resource person of the workshop. The workshop on Microbiome Analysis and Gut Health provided a platform for experts to exchange ideas, present novel research findings, and identify avenues for future exploration. Understanding the complexities of the human microbiome and its influence on gut health remains a priority for scientific research, promising potential breakthroughs in personalized medicine and health interventions. The insights gained from this workshop will undoubtedly pave the way for innovative strategies to harness the therapeutic potential of the micro biome, ultimately contributing to improved health outcomes.

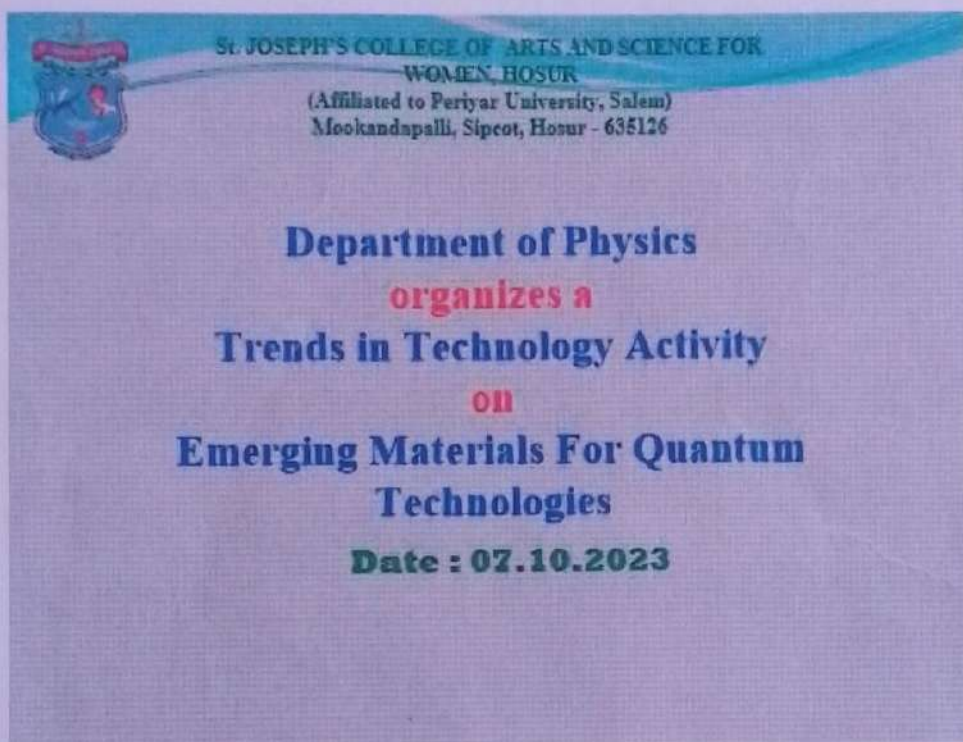


Photos:



**Report for Emerging materials for Quantum
Technologies**
(2023-2024)

Invitation:



Date : 07.10.23

Resource Person : Dr.V.MOWLIKA
Department of Physics,
St. Joseph's College of Arts and Science for Women,
Hosur.

Class : II & III – B.Sc Physics

No of Beneficiaries : 15



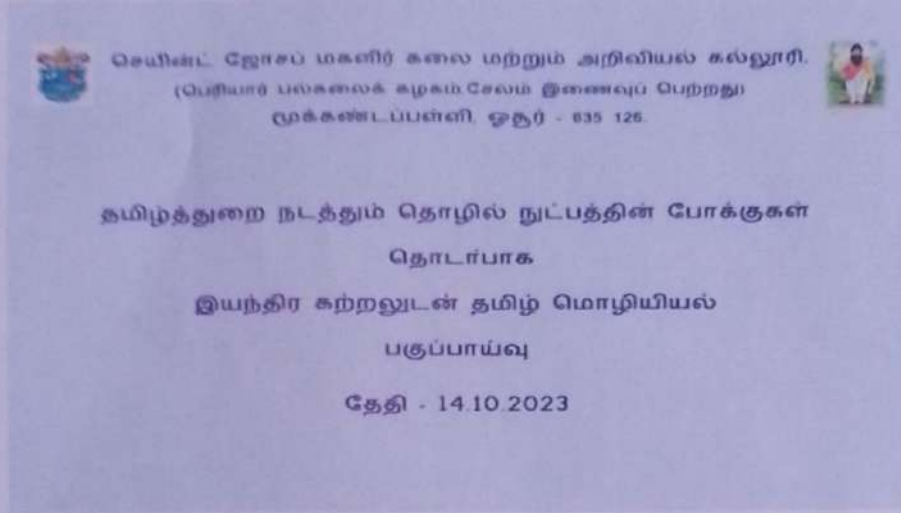
Report:

Dr. V. Mowlika, Assistant Professor in the Department of Physics, delivered an insightful report on trends in technology, focusing on the applications of emerging materials for Quantum Technologies. Addressing Second & third year B.Sc Physics students, Dr. Mowlika highlighted the pivotal role of novel materials in advancing quantum technologies. The report explored cutting-edge developments in materials science, showcasing their applications in quantum computing, communication, and sensing. Students gained a comprehensive understanding of how these emerging materials contribute to pushing the boundaries of quantum technologies, paving the way for trans-formative advancements in the field. Dr. Mowlika's presentation underscored the interdisciplinary nature of quantum research and its implications for the future.

PHOTOS:



தொழில் நுட்பத்தின் போக்குகள் - இயந்திர கற்றலுடன்
தமிழ் மொழியியல் பகுப்பாய்வு - 2023-2024
அழைப்பிதழ்



தேதி - 14.10.2023
சிறப்புரையாற்றியவர் - திருமதி. ந. கனிமொழி,
உதவிப் பேராசிரியர், தமிழ்த்துறை,
செயின்ட் ஜோசப் மகளிர் கலை
மற்றும் அறிவியல் கல்லூரி, ஓதூர்.

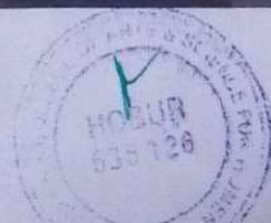
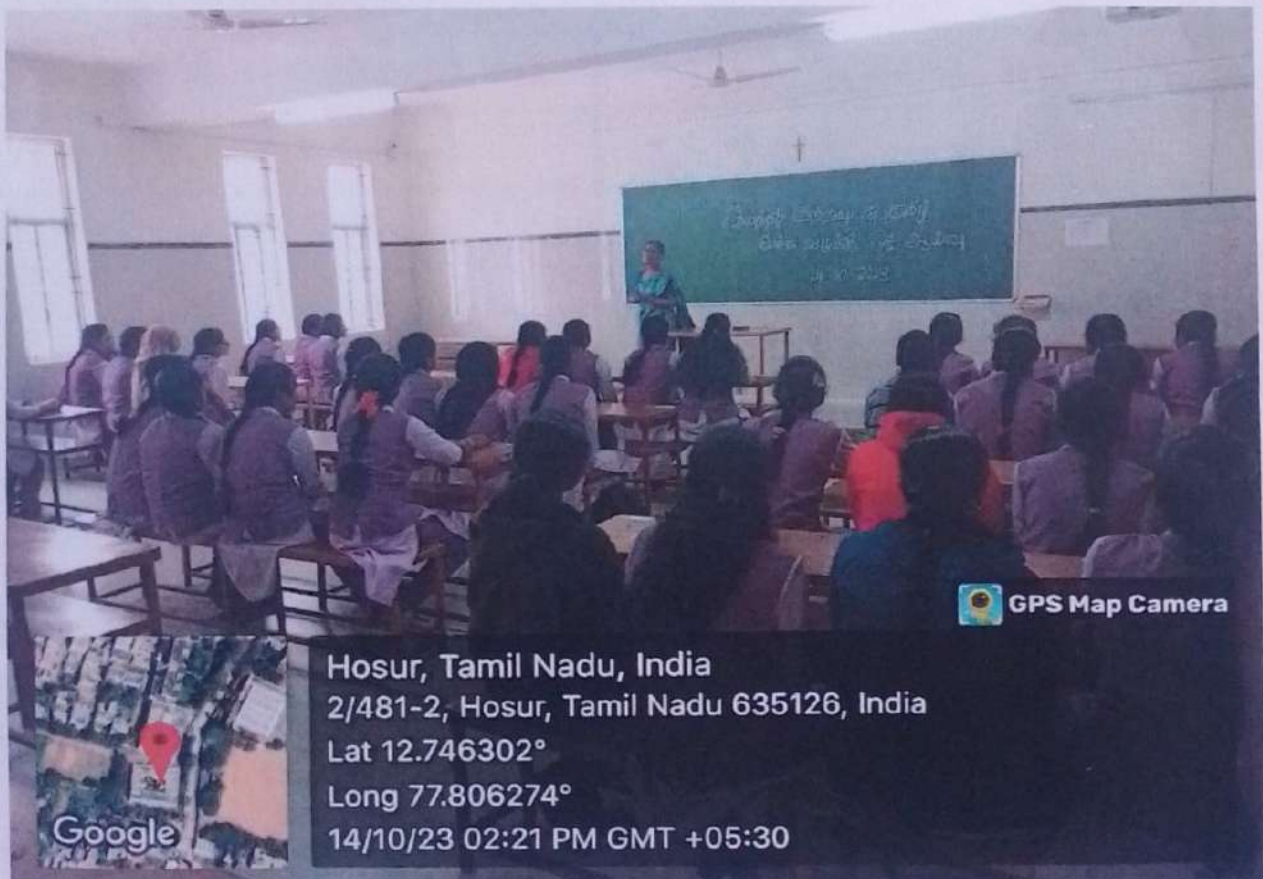
வகுப்பு - II B.Com 'B'

மாணவிகளின் எண்ணிக்கை - 36

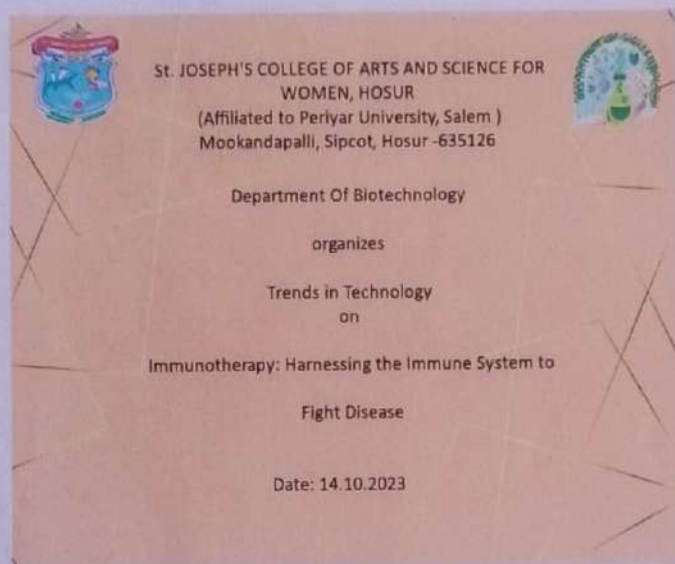
அறிக்கை

திருமதி. ந. கனிமொழி, உதவிப் பேராசிரியர், தமிழ்த்துறை, அவர்கள் வளர்ந்து வரும் தொழில்நுட்பத்திற்கேற்ப தமிழ் மொழியின் பேச்சு வழக்கு எவ்வாறு நடைமுறைப்படுத்த படுகிறது என்றும் அதன் மூலம் தமிழ் மொழியின் வளர் நிலையை இயந்திர கற்றலுடன் தமிழ் பேச்சுவழக்கு ஓர் ஆய்வு என்ற தலைப்பின் வாயிலாக மாணவிகளுக்கு எடுத்துரைத்தார்.





**REPORT FOR TRENDS IN TECHNOLOGY ON IMMUNOTHERAPY: HARNESSING THE
IMMUNE SYSTEM TO FIGHT DISEASES – TRENDS IN TECHNOLOGY (2023-2024)**



Date : 14.10.23

Resource Person : Dr. Carolin Rose
Principal
St. Joseph's College of Arts and Science for Women,
Hosur

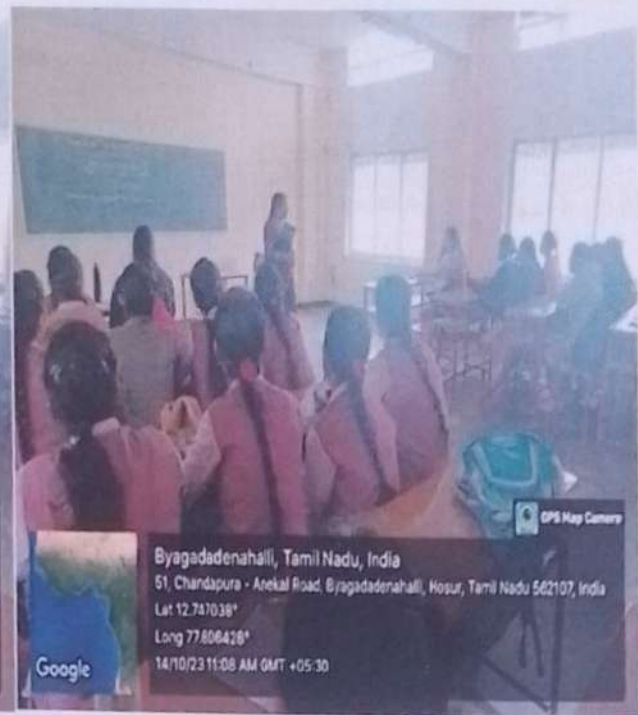
Class : III – B. Sc., Biotechnology

No of Beneficiaries: 41

Report

Mrs. J. Carolin Rose, The Principal, St. Joseph's College of Arts and Science for Women, Hosur, headed a session on Immunotherapy: Harnessing the Immune system to fight diseases for III – B. Sc (Biotechnology) students on 14.10.23. The seminar was attended by 40 students. The students participated with great enthusiasm. Speaking on the occasion, she explained about the immune system and how it protects us from diseases. She gave an overview on the advancements of vaccination and discussed on better treatment outcomes in the future. The session was very useful and interactive.





Report for Online Literature Circles - Trends in Technology (2023-2024)

Invitation:



**St. Joseph's College of Arts and Science for Women,
Hosur**

*(Affiliated to Poojary University, Salem)
Mankandapur, Sreeat Hosur - 571112*



Department of English

Organizes

Trends in Technology Activity

On

**ONLINE LITERATURE
CIRCLES**

DATE : 14.10.2023

Date : 14.10.2023
Resource Person : Dr. L. Jennifer
Assistant Professor,
Department of English,
St. Joseph's College of Arts and Science for Women,
Hosur.
Class : I B.A ENGLISH
No of Beneficiaries : 32

Report:

The Department of English organized Trends in Technology activity on Online Literature Circles for I B.A students, featuring Dr. L. Jennifer, Assistant Professor, as a resource person. Dr. L. Jennifer, a seasoned expert in the field, introduced students to the transformative impact of technology on literature analysis. The session explored the integration of online platforms and collaborative tools, enhancing the traditional literature circle experience. Students gained insights into leveraging digital resources for interactive and engaging discussions on literary works. Dr. L. Jennifer's guidance underscored the importance of adapting to technological trends in education, emphasizing the dynamic synergy between literature and digital tools. The activity successfully bridged the gap between traditional literary analysis and contemporary technological advancements, providing students with a nuanced understanding of how technology enriches the study of literature in the modern age.





Report for Synthetic Biology and Chemical Synthesis - Trends in Technology (2023-2024)

Invitation:



St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR
WOMEN, HOSUR
(Affiliated to Periyar University, Salem)
Mookandapalli, Sipcot, Hosur - 635126



**Department of chemistry
organizes a
Trends in Technology
on
*Synthetic Biology & Chemical Synthesis***

Date : 14.10.2023

Date : 14.10.2023
Resource Person : Mrs.S.V.Ishwarya
Assistant Professor,
Department of Chemistry,
St. Joseph's College of Arts and Science for Women,
Hosur

Class : III – B.Sc Chemistry

No of Beneficiaries : 37

Report:

Mrs. S.V. Ishwarya, Assistant Professor in the Department of Chemistry, presents an illuminating report on the evolving landscape of Synthetic Biology and Chemical Synthesis. The report explores advancements in gene editing, metabolic engineering, and combinatorial chemistry techniques. It highlights technology's role in creating artificial biological systems and efficient synthesis pathways. Addressing III B.Sc Chemistry students, this report aims to elucidate how technology shapes innovative approaches in molecular design, enabling the production of novel compounds, bio-based materials, and pharmaceuticals, fostering a deeper understanding of interdisciplinary methodologies critical in modern chemical research and innovation.

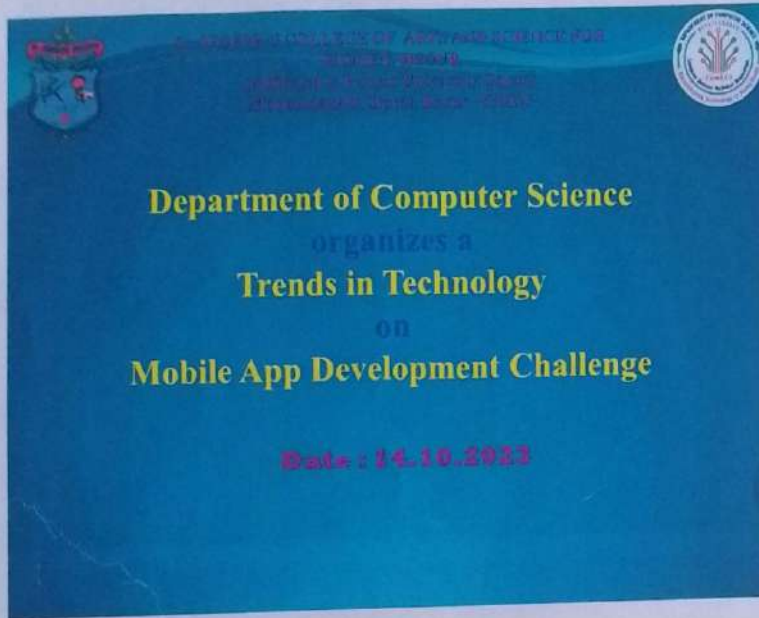


Photos:



Report for Mobile App Development Challenge – Trends in Technology (2023-2024)

Invitation:



Date : 14.10.2023

Resource Person : Mrs. S. I. Anto Ramya
Assistant Professor,
Department of Computer Science,
St. Joseph's College of Arts and Science for Women, Hosur

Class : III – B.Sc(CS)

No of Beneficiaries : 38

Report:

Mrs. S. I. Anto Ramya, Assistant Professor in the Department of Computer Science, recently organized a Mobile App Development Challenge for III B.Sc. (CS) students, shedding light on key trends in technology. The challenge showcased a surge in demand for innovative mobile applications, emphasizing user-centric design and cutting-edge technologies. Students explored advancements like Augmented Reality, Artificial Intelligence, and Progressive Web Apps. The competition highlighted the importance of cross-platform development and cloud integration. Mrs. S. I. Anto Ramya's initiative not only fostered creativity but also acquainted students with current industry trends, preparing them for a dynamic future in mobile app development.

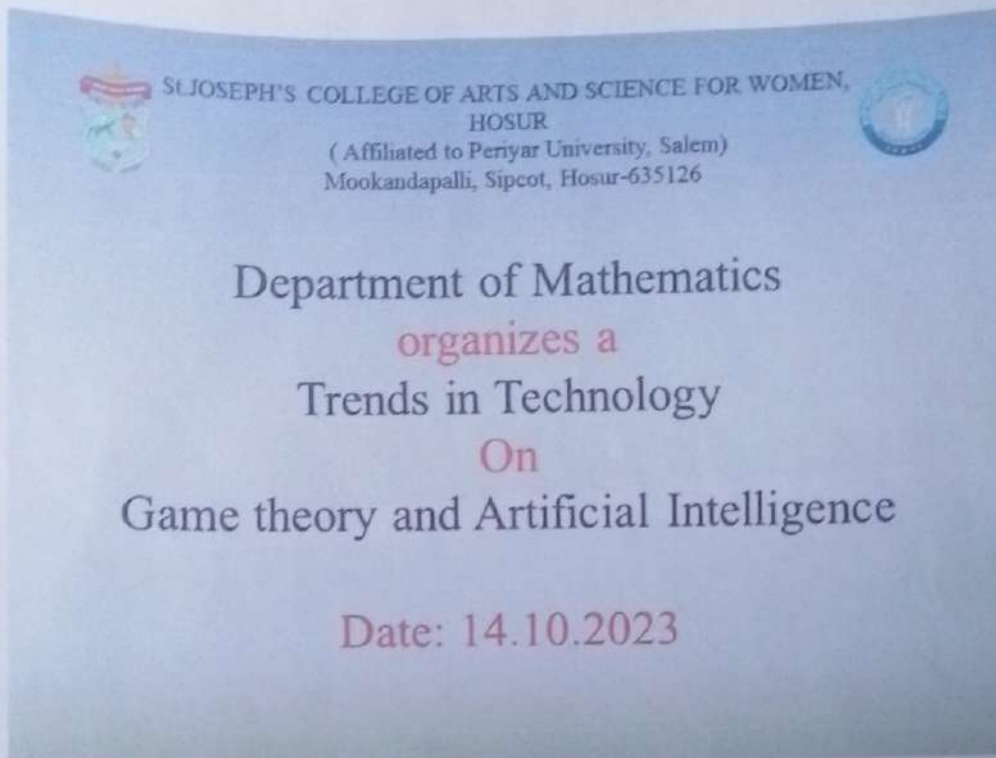


Photos:



Report for Game theory and Artificial Intelligence - Trends in Technology (2023-2024)

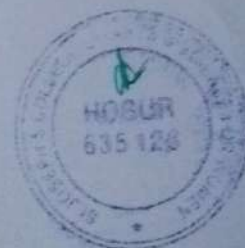
Invitation:



Date	:	14.10.2023
Resource Person	:	Mrs.B.Deepa Assistant Professor, Department of Mathematics, St. Joseph's College of Arts and Science for Women, Hosur
Class	:	III B.Sc (Maths)
No of Beneficiaries	:	26

Report:

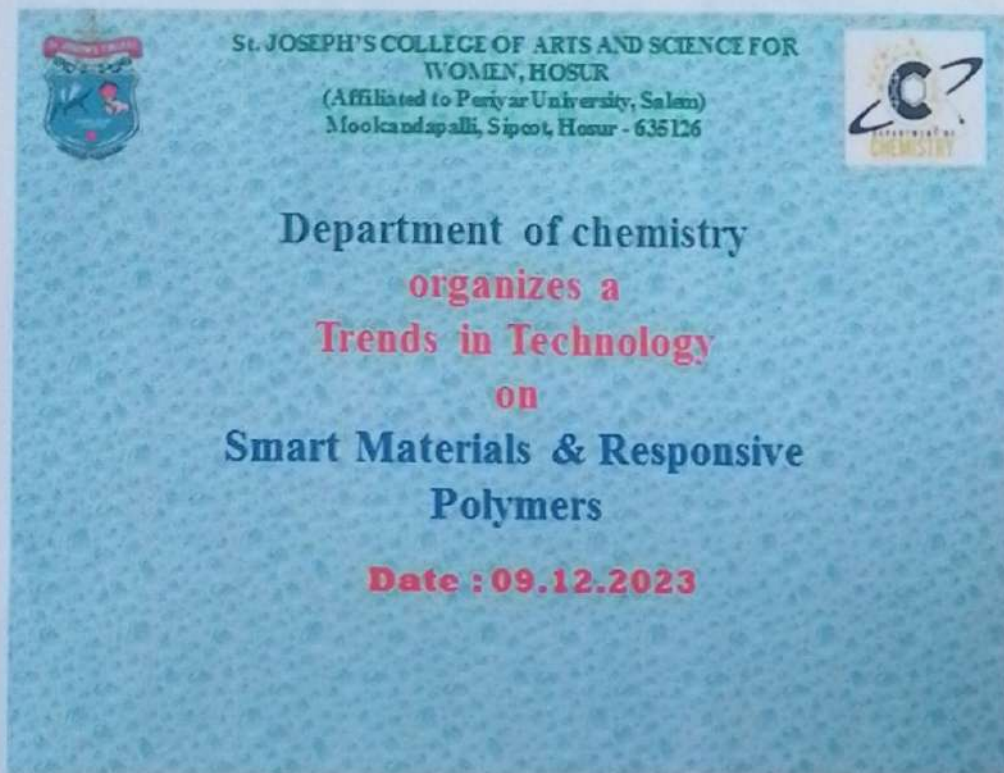
Mrs.B.Deepa Assistant Professor in the Department of Mathematics presented the Trends in Technology on Game theory and Artificial intelligence for III B.Sc. Maths students. Throughout the session, she fostered an interactive learning environment, encouraging students to inquire, discuss, and critically analyze the amalgamation of mathematics and machine learning. Her expertise, coupled with a profound passion for both fields, illuminated the immense potential for synergy between mathematical theories and machine learning applications, inspiring students to explore this dynamic fusion further.





Report for Smart Materials & Responsive Polymers – Trends in Technology (2023-2024)

Invitation:



Date : 09.12.2023

Resource Person : Mr. B. Vijayakumar
Deputy Manager,
Biocon, Bangalore

Class : III– B.Sc Chemistry

No of Beneficiaries : 37

Report

Mr. B. Vijayakumar, provided a detailed report on the recently conducted workshop on Smart Materials and Responsive Polymers for I B.Sc Chemistry students. The session aimed to enhance students' understanding of cutting-edge materials science. He highlighted the significance of smart materials in various applications, emphasizing their responsiveness to external stimuli. Practical demonstrations and interactive sessions allowed students to explore the unique properties of responsive polymers. The workshop served as a platform for students to grasp the potential applications of these materials in fields ranging from medicine to electronics. His report underscored the importance of staying abreast of emerging trends in material science for aspiring chemists.

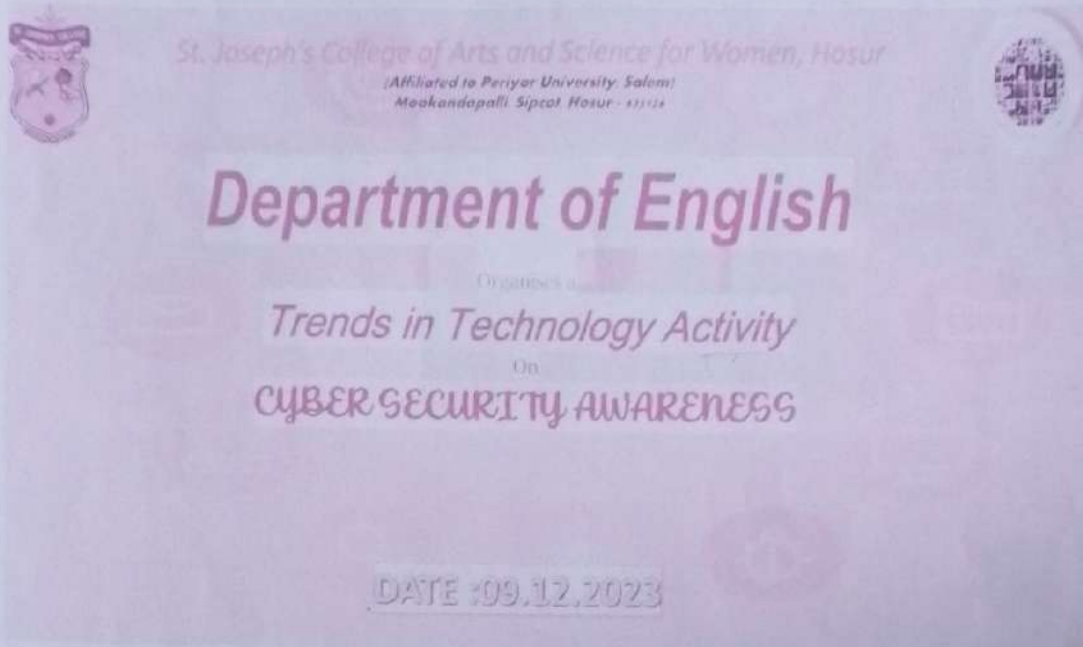


Photos:



Report for Cyber Security Awareness– Trends in Technology (2023-2024)

Invitation:



Date : 09.12.2023
Resource Person : Mr. Rajiv Sharma
Founder of Cyberoxian and Prime Techie
Class : III B.A (English)
No of Beneficiaries : 47

Report:

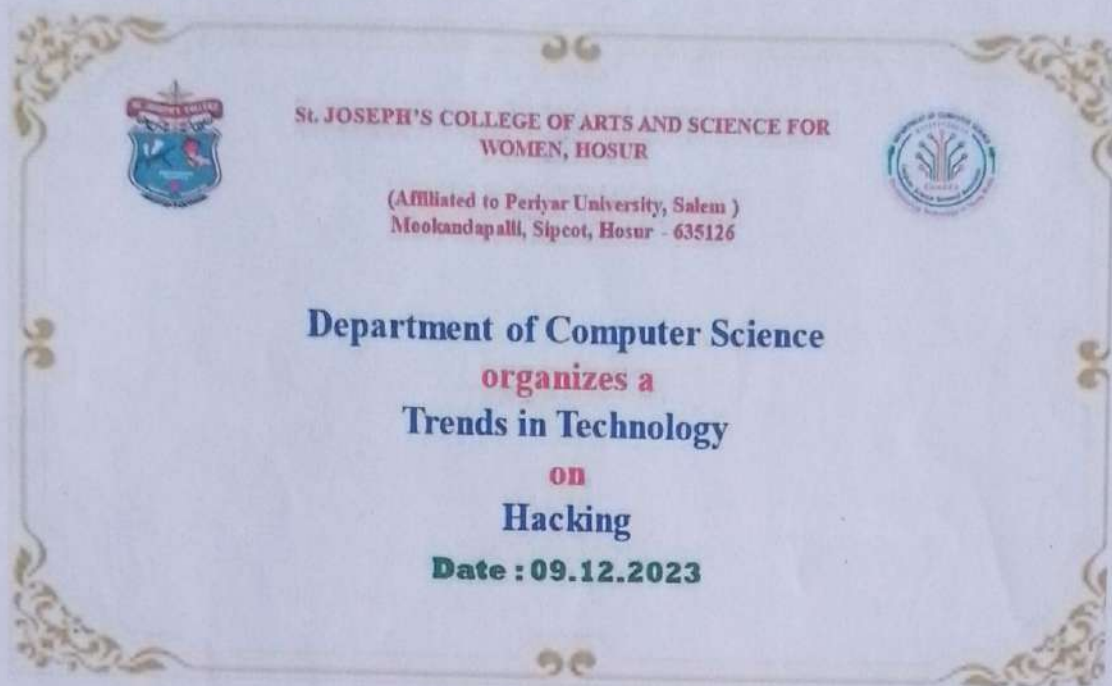
The Department of English recently organized a Cyber Security Awareness activity for third-year B.A. students, featuring Mr. Rajiv Sharma as the resource person. The session delved into current trends in technology, shedding light on the evolving landscape of cyber threats. Mr. Sharma, an expert in the field, discussed the significance of cyber security in today's interconnected world. He highlighted emerging technologies and their potential vulnerabilities, emphasizing the need for heightened awareness and proactive measures. The session provided valuable insights into safeguarding personal and professional digital spaces. Topics covered included the latest cyber security tools, encryption methods, and the importance of strong password practices. Mr. Sharma also addressed the increasing prevalence of social engineering attacks and ways to recognize and mitigate these risks. The event proved to be an engaging and educational experience, empowering students with the knowledge and skills necessary to navigate the digital realm securely.





Report for Hacking - Trends in Technology (2023-2024)

Invitation:



Date : 09.12.2023

Resource Person : Mr. Rajiv Sharma
Founder of Cyberoxian and Prime Techie

Class : III – B.C.A

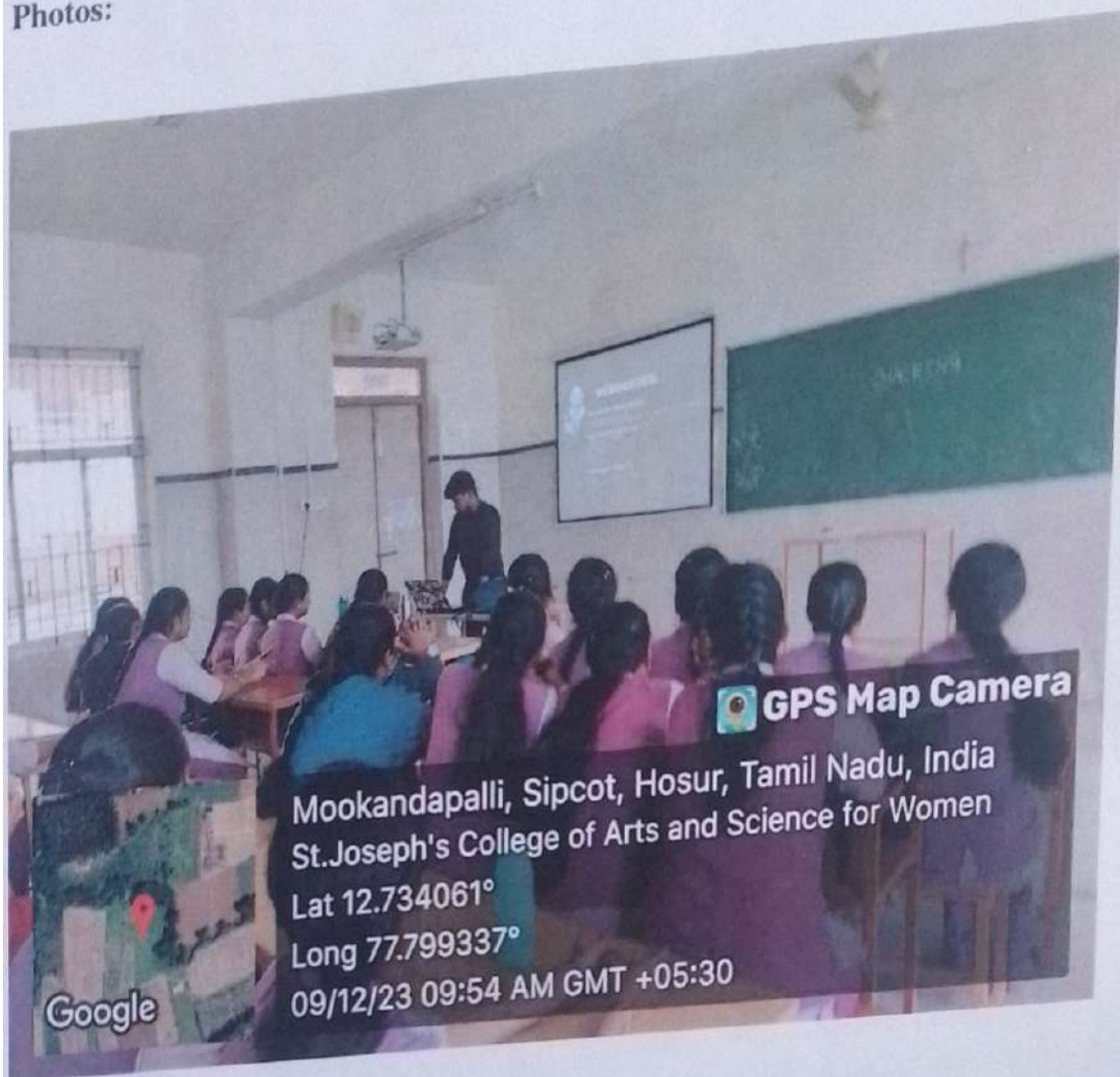
No of Beneficiaries : 70

Report:

Hacking continues to evolve, with 2023 witnessing a surge in AI-powered cyberattacks and ransomware targeting critical infrastructure. The proliferation of IoT devices led to increased vulnerabilities, amplifying attack surfaces. Deepfake technology's misuse posed substantial threats to data integrity and privacy. Cybersecurity integration within AI systems became paramount, emphasizing proactive defense mechanisms. Blockchain and quantum computing emerged as double-edged swords, offering enhanced security and posing new challenges. Collaborative efforts between industries and governments intensified to combat sophisticated threats. As technology advances, cybersecurity strategies must adapt, emphasizing resilience and innovation to stay ahead of evolving threats.



Photos:



Reports on Awareness on Responsible Usage of Social Media

Academic Year 2023-2024

Invitation



Date : 09.12.2023

Resource person : Mr. Rajiv Sharma
Founder of cyberoxian and prime Techie

Class : I B.COM CA B

No. of Beneficiaries : 57

Report

Mr. Rajiv Sharma Founder of cyberoxian and Prime Techie, helped the students to understand the concepts of Awareness on Responsible Usage of Social Media. He explained about awareness followed by the students while using social media. Social media is an effective tool that students can use in the outside world. It helps them establish connections with others who can help with resources, discuss their work, and offer feedback.



Photos:



**Report for Sustainability and Corporate social Responsibility (CSR) –
Trends in Technology (2023 – 2024)**

Invitation:



Date : 16.12.2023

Resource Person : Mrs. C. Suganthi

Assistant Professor,

Department of Business Administration with Computer Applications,

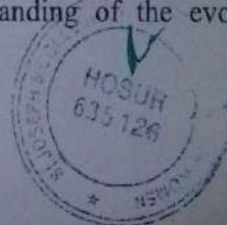
St. Joseph's College of Arts and Science for Women, Hosur.

Class : III BBA (CA)

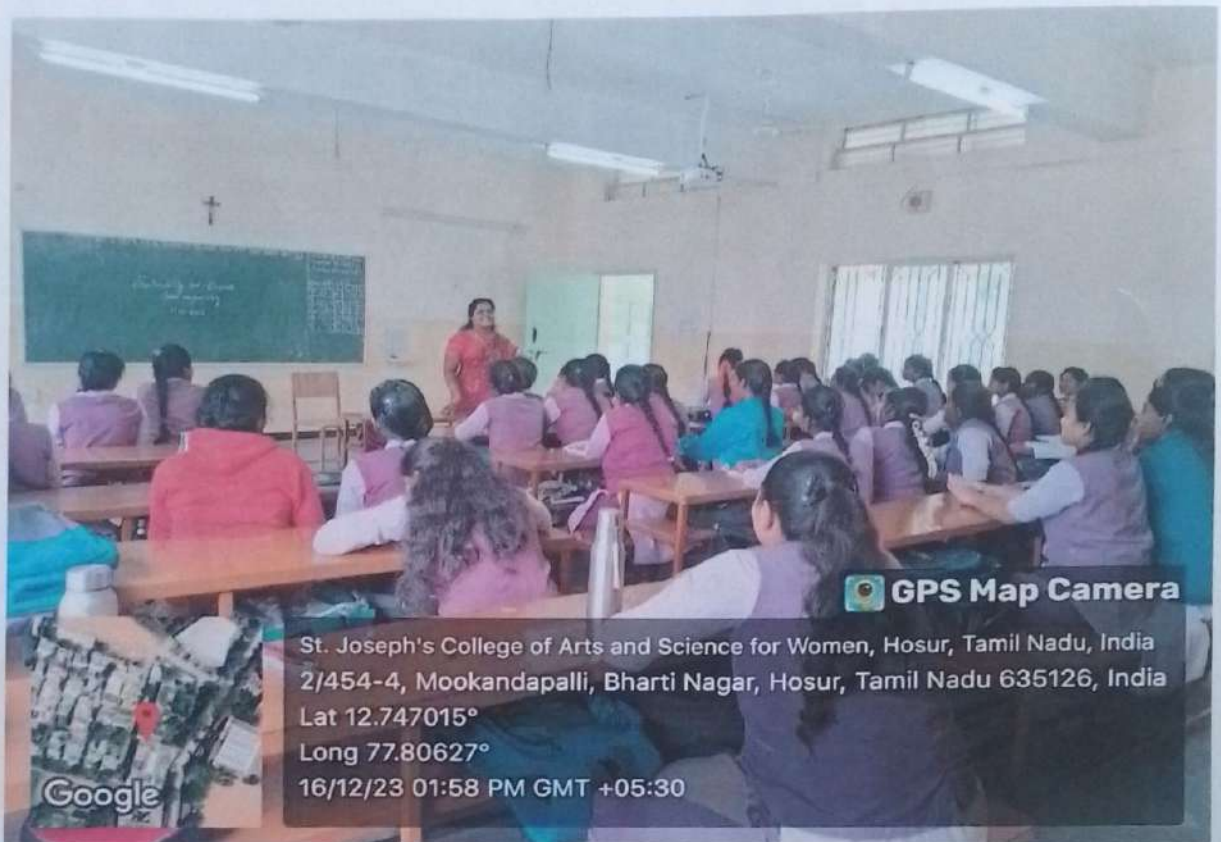
No. of Beneficiaries : 55

Report:

Mrs. C. Suganthi, Assistant Professor in the Department of Business Administration with Computer Applications, recently conducted a session on Trends in Technology with a focus on Sustainability and Social Responsibility for III BBA(CA) students. The insightful lecture delved into the intersection of technology and corporate social responsibility, highlighting current trends shaping sustainable business practices. Mrs. Suganthi emphasized the role of technology in fostering environmental stewardship and ethical business conduct. The session provided students with valuable insights into leveraging technological advancements for positive societal impact, equipping them with a holistic understanding of the evolving landscape of responsible business practices in the digital age.

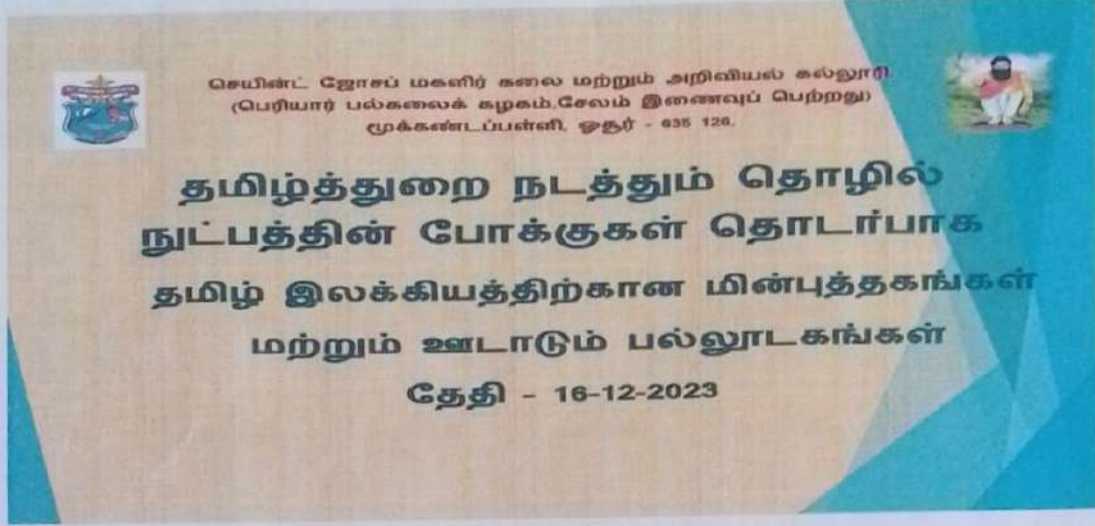


Photos:



தமிழ் இலக்கியத்திற்கான மின்புத்தகங்கள் மற்றும் ஊடாடும்
பல்லாடகங்கள் 2023 -2024

அழைப்பிதழ்



தேதி

- 16-12-2023

சிறப்புரையாற்றியவர்

- திருமதி ஸ்ரீ தேவி லக்ஷ்மி,
விரிவுரையாளர்,

ஊட்டச்சத்து மற்றும்

உணவுக்கட்டுப்பாடு துறை,

அரசு கலை மற்றும் அறிவியல்
கல்லூரி, பாலக்கோடு.

வகுப்பு

- இளங்கலை வணிகவியல் (ஆ)

இரண்டாமாண்டு

பயனாளிகளின் எண்ணிக்கை-

36



அறிக்கை

திருமதி ஸ்ரீதேவிலக்ஷ்மி ஊட்டச்சத்து மற்றும் உணவுக்கட்டுப்பாடு துறை, அவர்கள் சார்பாக இளங்கலை வணிகவியல் மாணவிகளுக்கு மின் புத்தகம் (E-Book) பயன்பாடுகள் மற்றும் பயன்படுத்தும் முறைகள் பற்றிய விழிப்புணர்வை எடுத்துரைத்தார்.

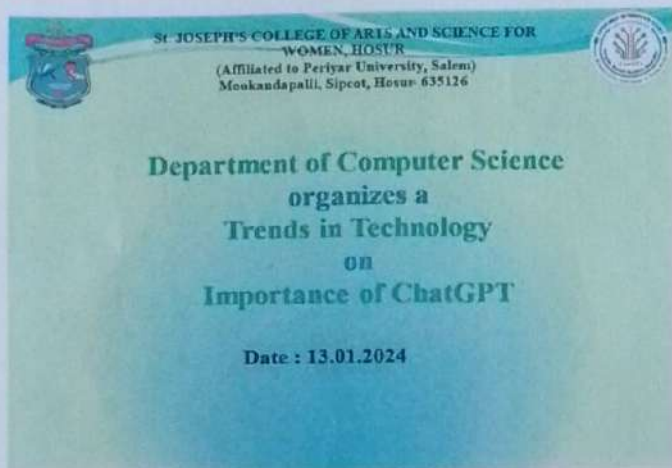
புகைப்படம்



Report for Importance of ChatGPT – Trends in Technology

(2023-2024)

Invitation:



Date : 13.01.2024

Resource Person : Gopinath Kannaiyan
Apps systems Engineer
Wells Fargo

Class : III-B.SC (Computer Science)

No of Beneficiaries : 38

Report:

Mr. Gopinath Kannaiyan, an Apps System Engineer at Wells Fargo, delivered a compelling lecture to III BCA students on the current trends in technology. Focusing on the pivotal role of ChatGPT, he elucidated its importance in revolutionizing communication and problem-solving across industries. Drawing from his industry expertise, Mr. Kannaiyan highlighted how ChatGPT contributes to efficiency in banking systems. As technology rapidly evolves, understanding and leveraging innovations like ChatGPT becomes imperative for students aspiring to excel in the dynamic field of computer science, particularly in applications within financial institutions. The lecture aimed to empower students with insights into the real-world applications of cutting-edge technologies.



Photos:



**REPORT ON BLOCK CHAIN IN BIOTECHNOLOGY: ENSURING DATA
INTEGRITY AND SECURITY – TRENDS IN TECHNOLOGY 2023-2024**



Date : 10.02.2024
Resource Person : Mrs.Vishnudharani
Hardware entrepreneur
Starvish
Hosur
Class : III- B.Sc., Biotechnology
No of beneficiaries : 41

Report

Mrs.Vishnudharani, Hardware entrepreneur, Starvish, Hosur headed a session on Block Chain in Biotechnology: Ensuring Data Integrity and Security for III – B. Sc (Biotechnology) students on 02.12.2023. Around 41 students participated in the session. The motive of the seminar was to explain about blockchain technology and its emergence across various industries, and in the field of biotechnology. The students explored the applications of blockchain technology in biotechnology and the potential benefits it brought to the industries.

