

Report on Block chain in Finance: Revolutionizing – Trends in Technology
(2019-20)

Invitation



Date : 21.09.2019

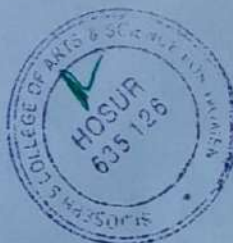
Resource person : Mrs.Dr.Reena raj
Assistant professor
Department of commerce
St.Joseph college of Arts and Science for women, Hosur.

Class : I B.COM CA B

No. of Beneficiaries : 48

Report:

Mrs. Reena raj, Assistant professor in the Department of Commerce, helped the students to learn about the block chain, A sophisticated database system called block chain technology makes it possible for information to be shared transparently within a business network. Data is kept in blocks that are connected in a chain within a block chain database. The session not only enriched the students with knowledge but also will be beneficial for their workplace in future.



Photos:



REPORT FOR NUTRIGENOMICS AND PERSONALIZED NUTRITION– TRENDS IN
TECHNOLOGY (2019-2020)

Invitation:



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

**Department of Nutrition and Dietetics
organizes a
Trends in Technology
on
NUTRIGENOMICS AND PERSONALIZED NUTRITION**

Date : 21.09.2019

Date : 21.09.2019

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

Class : I B.Sc Nutrition and Dietetics

No.of Beneficiaries : 28

Report:

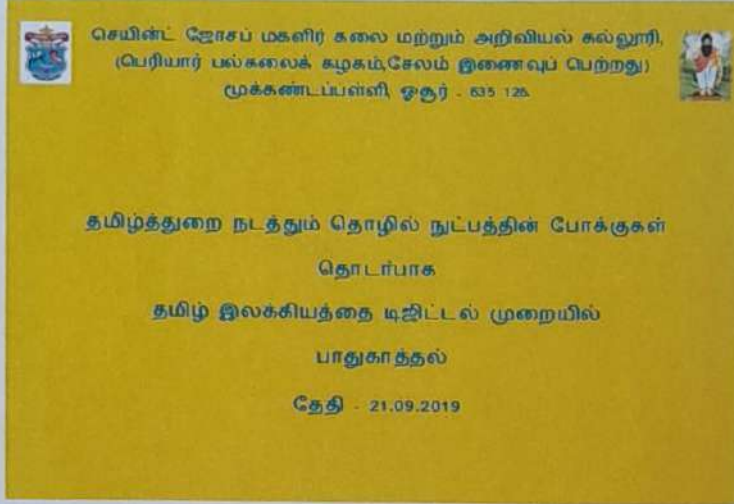
Department of Nutrition and Dietetics organized a workshop on nutrigenomics and personalized nutrition. Ms.Suganya, Head & Assistant Professor, Department of Nutrition and Dietetics was the resource person of the workshop. The Nutrigenomics and Personalized Nutrition workshop was a pivotal gathering that delved into the intersection of genetics and nutrition. Through in-depth discussions, expert insights, and practical applications, participants uncovered how individual genetic variations influence dietary responses. The sessions emphasized the significance of personalized nutrition in optimizing health outcomes and preventing diseases. Students gained a deeper understanding of tailoring diets based on genetic predispositions, unlocking a new paradigm in healthcare.



Photos:



**தொழில் நுட்பத்தின் போக்குகள் - தமிழ் இலக்கியத்தை
டிஜிட்டல் முறையில் பாதுகாத்தல் - 2019-2020
அழைப்பிதழ்**



தேதி - 21.09.2019
சிறப்புரையாற்றியவர் - திருமதி. ந. கனிமொழி,
உதவிப் பேராசிரியர், தமிழ்த்துறை,
செயின்ட் ஜோசப் மகளிர் கலை
மற்றும் அறிவியல் கல்லூரி, ஓதூர்.
வகுப்பு - I B.Com (CA)
மாணவிகளின் எண்ணிக்கை - 49

அறிக்கை

திருமதி. ந. கனிமொழி, உதவிப் பேராசிரியர், தமிழ்த்துறை, அவர்கள் இலக்கியங்களை டிஜிட்டல் முறையில் எப்படி பாதுகாப்பது என்பதைப் பற்றியும் அவை காலத்தால் அழியாமல் நமக்கு வேண்டிய செய்திகள் மற்றும் தரவுகளை அவ்வப்போது எவ்வாறு தருகின்றது என்பதைப் பற்றியும் அவற்றை நாம் எளிதாக பெற்று பயனடையும் முறையினையும் மாணவிகளுக்கு விவரித்தார்.



புகைப்படங்கள்



Report for Trends in Technology Digital Storytelling - (2019-2020)

Invitation:



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN, HOSUR
(AFFILIATED TO PERIYAR UNIVERSITY, SALEM)
MOOKANDAPALLI, SIPCOT, HOSUR - 635 126



Department of English

Organises a

Trends in Technology Activity

On

DIGITAL STORYTELLING

DATE : 21.09.2019

DIGITAL STORYTELLING



Date	:	21.09.2019
Resource Person	:	Mrs. E. Vinodhini Assistant Professor, Department of English, St. Joseph's College of Arts and Science for Women, Hosur
Class	:	I B.A (English)
No of Beneficiaries	:	58



Report:

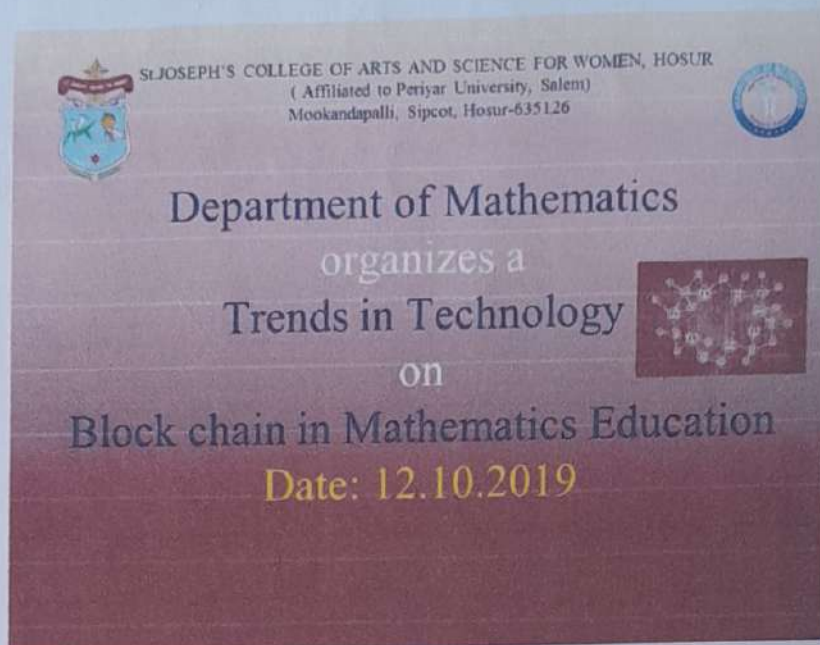
Mrs. E. Vinodhini, Assistant Professor, Department of English has successfully conducted sessions on Trends in Technology activity for I B.A (English). As a Digital Storytelling Workshop, Mrs. E. Vinodhini brings a wealth of practical insights to the workshop. She is known for her commitment to pushing the boundaries of storytelling in the digital realm and inspiring others to do the same. The Digital Storytelling Workshop was organized to explore the art and impact of storytelling in the digital age. In a world dominated by digital media, the workshop aimed to

equip participants with the skills and insights needed to craft compelling narratives using various digital platforms. The workshop delved into the intersection of technology and storytelling, emphasizing the power of narrative in conveying messages and connecting with Students.



Report for Block chain in Mathematics Education- Trends in Technology (2019-2020)

Invitation:



Date : 12.10.2019

Resource Person : Mrs.B.K.Jaleesha
HOD,
Department of Mathematics,
St. Joseph's College of Arts and Science for
Women,
Hosur

Class : III B.Sc (Maths)

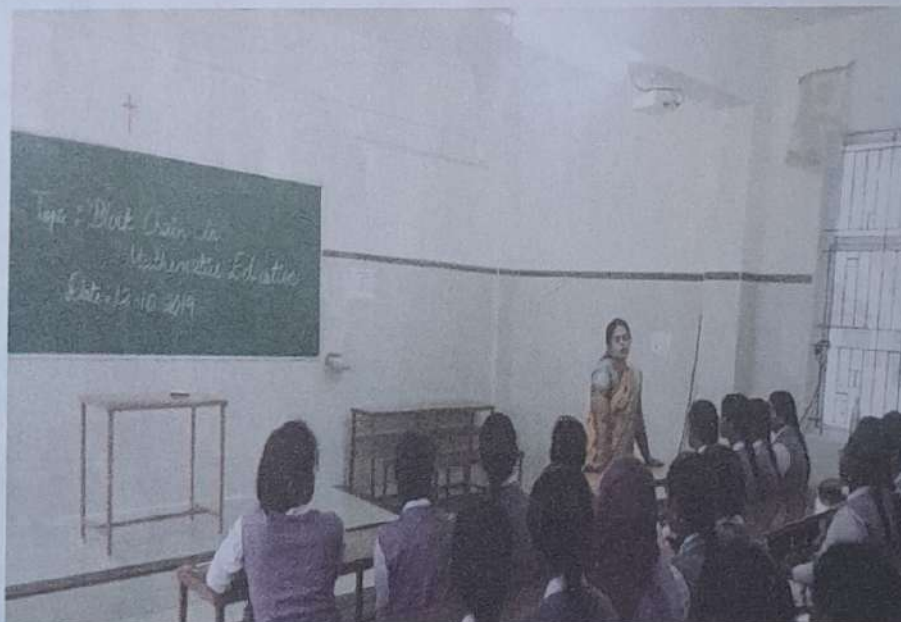
No of Beneficiaries : 60

Report:

Mrs.B.K.Jaleesha, HOD the Department of Mathematics presented the Trends in Technology on Block chain in Mathematics for III B.Sc Maths students. Blockchain technology holds immense potential to revolutionize mathematics education by offering enhanced security, transparent record-keeping, collaborative platforms, and incentivized learning experiences. This report serves as a foundational exploration of the trends and implications of blockchain technology in mathematics education, urging further research and practical implementations to unlock its full educational potential



experiences. This report serves as a foundational exploration of the trends and implications of blockchain technology in mathematics education, urging further research and practical implementations to unlock its full educational potential



Report for Green Chemistry and Sustainable Practices- Trends in Technology (2019-2020)

Invitation:



Date : 12.10.2019

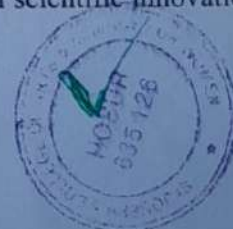
Resource Person : Margret Kanimozhi'
Head of the Department,
Department of Biotechnology,
St. Joseph's College of Arts and Science for Women,
Hosur

Class : III – B.Sc Chemistry

No of Beneficiaries : 41

Report:

"As we navigate the intersection of technology and sustainability, it's crucial to acknowledge the evolving landscape of green chemistry. Mrs. Margret Kanimozhi, Head of the Department of Biotechnology, highlights key trends in this domain. The report emphasizes advancements in eco-friendly methodologies, renewable energy integration, and biodegradable materials. It underscores the pivotal role of technology in driving sustainable practices within the chemical industry. Addressing III B.Sc Chemistry students, this report aims to inspire an understanding of the transformative potential technology holds in fostering environmentally conscious approaches in the pursuit of scientific innovation.



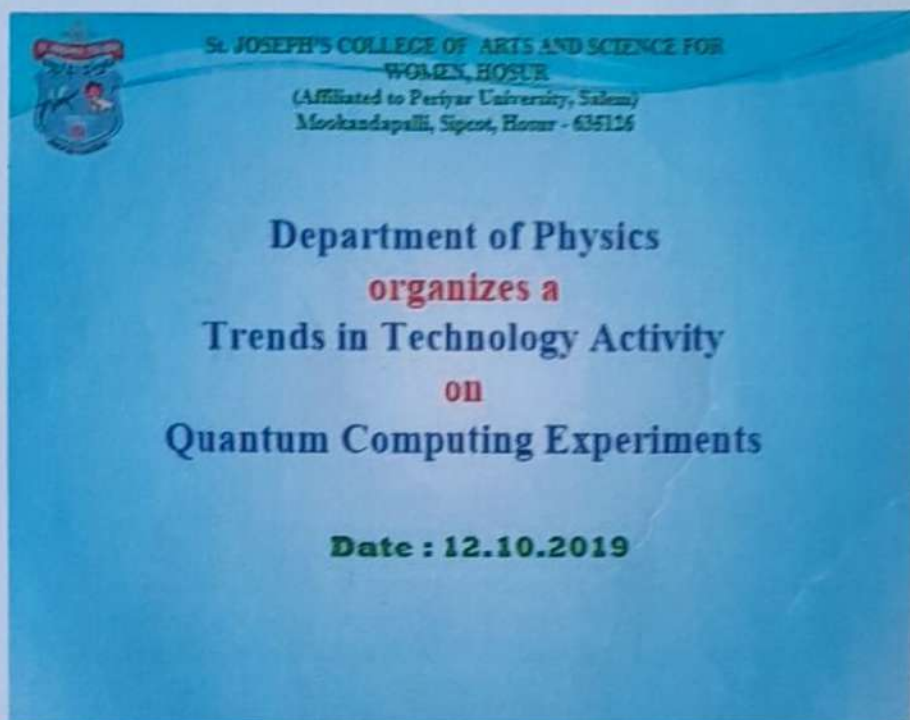
Photos:



Report for Quantum Computing Experiments

Physics (2019-2020)

Invitation:



Date : 12.10.19

Resource Person : T.SIVAPRIYA
Department of Physics,
St.Joseph's College of Arts and Science for Women,
Hosur.

Class : III-B.Sc Physics

No of Beneficiaries : 20

Report:

Mrs. T. Sivapriya, Assistant Professor in the Department of Physics, recently presented an insightful report on quantum computing experiments to third-year B.Sc Physics students. The report highlighted the burgeoning trends in technology, particularly in the realm of quantum computing. Mrs. Sivapriya discussed cutting-edge experiments that underscore the potential of quantum computing to revolutionize information processing. Emphasizing the quantum superposition and entanglement phenomena, she elucidated the significance of qubits in contrast to classical bits. The report served as a comprehensive overview, fostering a deeper understanding of quantum computing's transformative impact on the future of technology and its applications in diverse scientific domains.

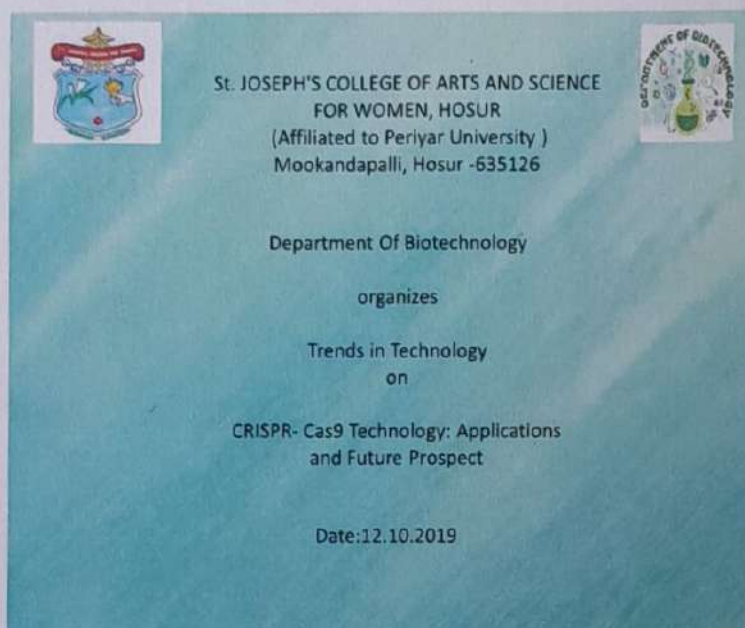


Photos:



REPORT FOR TRENDS IN TECHNOLOGY ON CRISPR-CAS9 TECHNOLOGY ON

APPLICATIONS AND FUTURE PROSPECT: (2019-2020)



Date : 12.10.2019

Resource Person : Mrs.Margret Kanimozhi. A

Head & Assistant Professor,

Department of Biotechnology

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

Hosur.

Class : III – B.Sc., Biotechnology

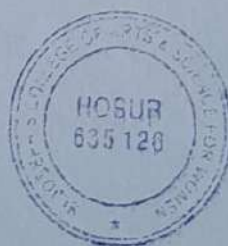
No of beneficiaries : 44



The Department of Biotechnology organized the program regarding Trends in Biotechnology on the particular topic CRISPR-Cas9 technology ;Applications and future prospects on 12.10.19. Mrs. Margret Kanimozhi, Head, Department of Biotechnology explored the Topic on CRISPR with recent developments.

Students were taught about CRISPR, which stands for Clustered Regularly Interspaced Short Palindrome Repeats, is a revolutionary technology used for gene editing. It allows scientists to selectively modify genes within an organism by targeting specific DNA sequences. CRISPR technology has the potential to treat genetic disorders, create genetically modified organisms, and contribute to various areas of biological and medical research.

CRISPR technology has rapidly advanced since its discovery, and ongoing research aims to address its limitations and refine its applications. She gave a clear explanation about the field of CRISPR research which continues to evolve, and new developments will occur in future. The session was very useful for the students who can take up the area of research about CRISPR techniques.





Report for Innovation Digital marketing simulation Trends in Technology (2019-2020)

Invitation:



Date	:	12.10.2019
Resource Person	:	Mrs. C. Magila Assistant Professor, Department of BBA (CA) St. Joseph's College of Arts and Science for Women, HOSUR
Class	:	III – BBA (CA)
No of Beneficiaries	:	54

Report:

Mrs. Magila, Assistant Professor in the Department of BBA (CA), emphasizes key trends in technology impacting digital marketing for her third-year BBA (CA) students. She highlights the growing influence of Artificial Intelligence (AI) in personalized content and customer interactions. Mrs. Magila discusses the significance of data analytics for targeted marketing strategies and the rise of voice search optimization. Additionally, she addresses the increasing role of augmented reality (AR) and virtual reality (VR) in creating immersive brand experiences. Mrs. Magila encourages students to stay updated on these trends, emphasizing their potential to reshape the digital marketing landscape and enhance their future career prospects in the dynamic business environment.





Report for Blockchain Development Workshop – Trends in Technology (2019-2020)

Invitation:



Date : 12.10.2019

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 : II BCA

No of Beneficiaries : 72

Report:

Mrs. S.I Anto Ramya, Assistant Professor in the Department of Computer Science, organized a workshop on Trends in Technology with a focus on Blockchain Development for II BCA students. The workshop delved into the latest advancements in blockchain technology, emphasizing its applications beyond cryptocurrencies. Mrs.S.I Anto Ramya introduced students to smart contracts, decentralized applications (DApps), and the growing significance of blockchain in various



industries. Practical hands-on sessions allowed students to explore blockchain development tools and gain valuable insights into this transformative technology. The workshop provided a comprehensive overview, fostering a deeper understanding of blockchain's role in shaping the future of technology.

Photos:



**Report for Fintech Innovations: Transforming –Trends in Technology
Invitation (2019-2020)**



St. Joseph's College of Arts and Science for Women, Hosur
(Affiliated to Periyar University, Salem)
SIPCOT, Moolandapalli, Hosur

Trends in
Technology

DEPARTMENT OF COMMERCE

Organizes a

Capacity Development and Skill Enhancement Activities

On Topic

FINTECH INNOVATIONS: TRANSFORMING

Resource Person: Dr. Reena Raj

Head of the Department,
Department of Commerce

March 14th 2020

Date : 14.03.2020

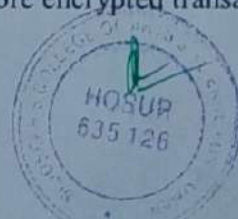
Resourceperson : Mrs. Reena Raj
Assistant professor
Department of Commerce
St. Joseph's College of Arts and Science for Women, Hosur

Class : I B.COM CA B

No. of Beneficiaries : 48

Report:

Mrs. Reena Raj, Assistant professor in the Department of Commerce, flourished the students with the details of financial technology fanastically called Fin Tech. The term "financial technology," or "fintech," refers to a broad category of software, mobile applications, and other technologies designed to enhance and automate conventional financial services for both consumers and businesses. FinTech encompasses a wide range of technologies, from simple mobile payment apps to intricate blockchain networks that store encrypted transactions.



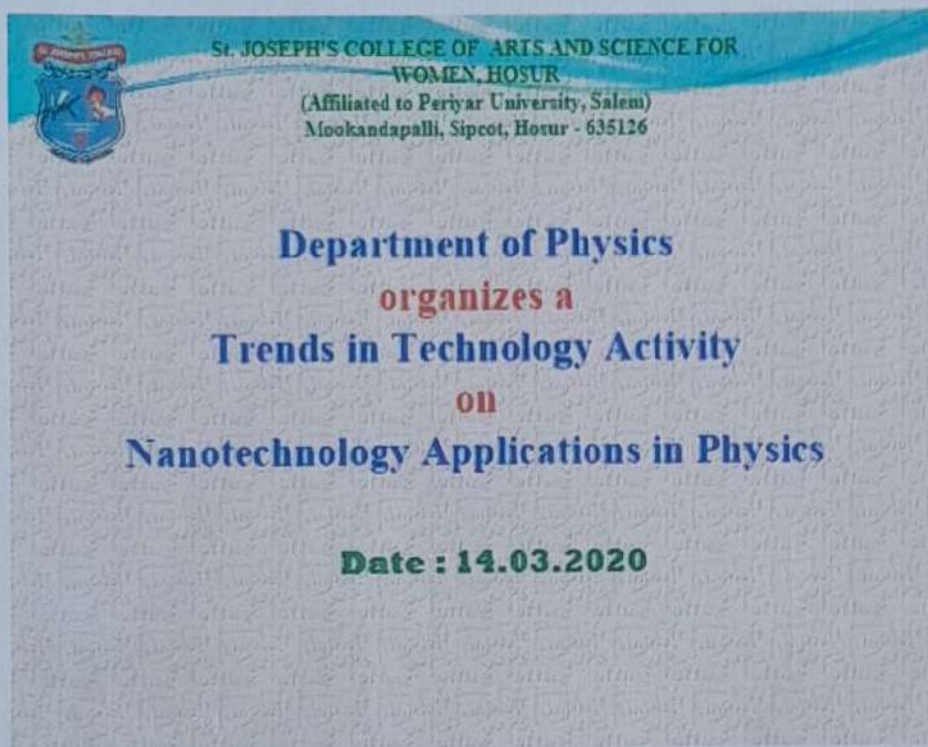
Photos:



Report for Nanotechnology Applications in Physics

Physics (2019-2020)

Invitation:



Date : 14.03.2020

Resource Person : Mrs. A. Gnanasoundari
Department of Physics,
St. Joseph's College of Arts and Science for Women,
Hosur.

Class : III-B.Sc Physics

No of Beneficiaries : 20



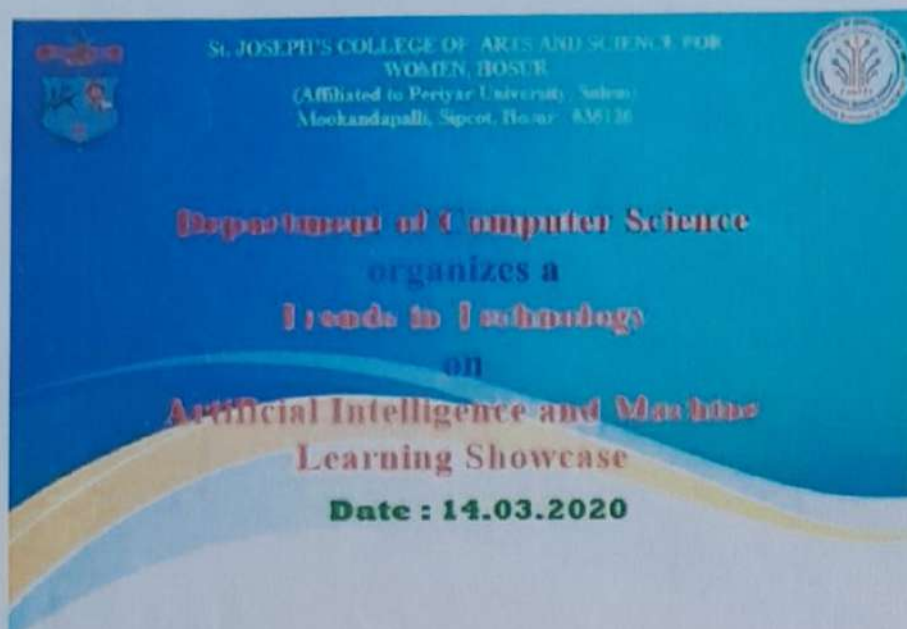
Report:

Mrs. A. Gnanasoundari, Assistant Professor in the Department of Physics, delivered a compelling report on nanotechnology applications in physics to third-year B.Sc Physics students. Her presentation explored current trends in technology, focusing on the intersection of nanotechnology and physics. Mrs. Gnanasoundari highlighted breakthroughs in nanoscale materials and devices, showcasing their diverse applications in physics research and beyond. The report elucidated how nanotechnology is reshaping the landscape of experimental physics, offering novel tools and insights. Students gained a deeper appreciation for the role of nanotechnology in pushing the boundaries of scientific exploration, paving the way for innovative advancements in the field.

Photos:

Report for Artificial Intelligence & Machine Learning Showcase – Trends in Technology (2019-2020)

Invitation:



Date : 14.03.2020

Resource Person : Mrs. S. Bobby
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 : 45

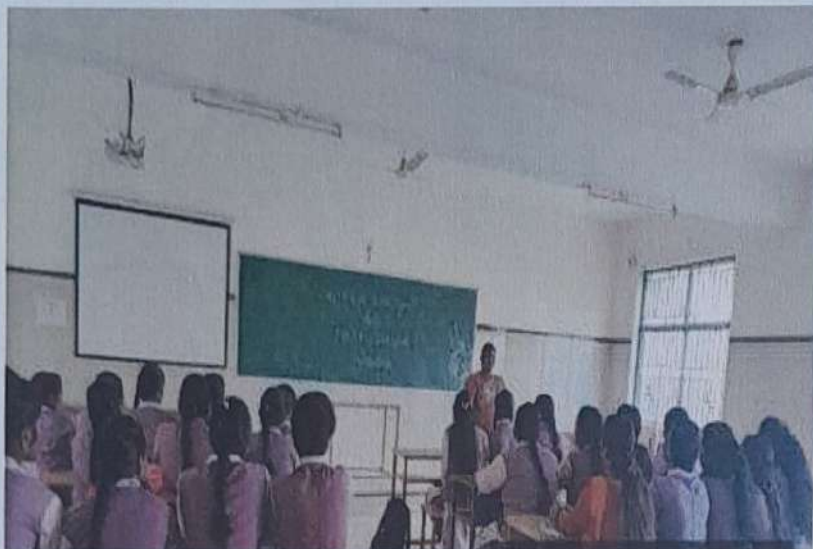
Report:

Mrs. Bobby, Assistant Professor in the Department of Computer Science, recently conducted a compelling showcase on Trends in Technology, focusing on Artificial Intelligence (AI) and Machine Learning (ML) for III-BSc(CS) students. The session provided a comprehensive overview of the latest advancements in AI and ML, emphasizing their real-world applications and future prospects. Mrs. Bobby highlighted emerging trends such as natural language processing, deep learning, and ethical considerations in AI. The showcase aimed to enhance students' understanding of cutting-edge technologies, preparing them for the dynamic landscape of



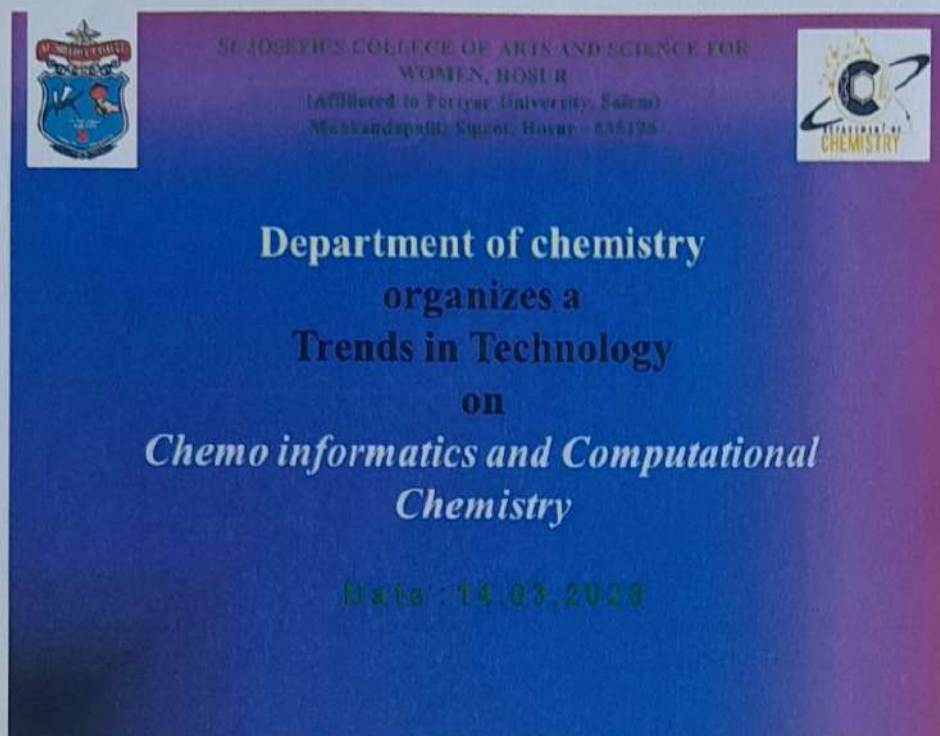
computer science. Students engaged in interactive discussions and demonstrations, fostering a deeper appreciation for the evolving field.

Photos:



Report for Chemo informatics & Computational Chemistry (2019-2020)

Invitation:



Date : 14.03.2020

Resource Person : Mrs. Margret Kanimozhi
Head of the Department,
Department of Biotechnology,
St. Joseph's College of Arts and Science for Women,
Hosur

Class : III – B.Sc Chemistry

No of Beneficiaries : 40

Report:

Mrs. Margret Kanimozhi, Head of the Department of Biotechnology, presents an insightful report on the burgeoning landscape of Chemo informatics & Computational Chemistry. The report delves into cutting-edge advancements encompassing molecular modeling, AI-driven drug discovery, and big data analytics. It highlights the pivotal role of technology in accelerating drug design, molecular simulations, and predictive modeling. Addressing III B.Sc Chemistry students, this report aims to cultivate an understanding of how technology revolutionizes the field, emphasizing its profound impact on innovation and precision in chemical research and development.



Photos:



**தொழில் நுட்பத்தின் போக்குகள் - இயற்கை மொழியான
தமிழ்மொழியின் செயலாக்கம்
அழைப்பிதழ்**



செயின்ட் ஜோசப் மகளிர் கலை மற்றும் அறிவியல் கல்லூரி,
(பெரியார் பல்கலைக் கழகம், சேலம் இணைவுப் பெற்றது)
முக்கண்டப்பள்ளி, ஓசூர் - 635 126



தமிழ்த்துறை நடத்தும் தொழில் நுட்பத்தின் போக்குகள்
தொடர்பாக
இயற்கை மொழியான தமிழ்மொழியின் செயலாக்கம்

தேதி - 14.03.2020

தேதி

- 14.03.2020

சிறப்புரையாற்றியவர்

- திருமதி. ந.கனிமொழி,
உதவிப் பேராசிரியர், தமிழ்த்துறை,
செயின்ட் ஜோசப் மகளிர் கலை
மற்றும் அறிவியல் கல்லூரி, ஓசூர்.

வகுப்பு

- II B.Sc (Biotechnology)

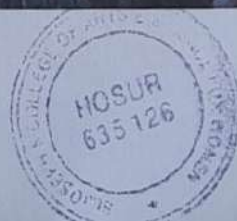
மாணவிகளின் எண்ணிக்கை - 40

அறிக்கை

திருமதி. ந.கனிமொழி, உதவிப் பேராசிரியர், தமிழ்த்துறை, அவர்கள் "கல்தோன்றி மண்தோன்றக் காலத்தே வாளொடு முன்தோன்றிய மூத்தகுடி" என்ற வரிகளுக்கேற்ப சிறப்பு வாய்ந்த தமிழ் மொழியானது இயற்கையோடு எவ்வாறு ஒன்றிணைந்தது என்பதைக் குறித்தும் அதன் செயலாக்கம் என்ன என்பதையும் சங்க இலக்கியங்கள் வாயிலாக மாணவிகளுக்கு எடுத்துரைத்தார்.



புகைப்படங்கள்:



Report for Trends in Technology Blogging and Content Creation - (2019-2020)

Invitation:



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

(Affiliated to Periyar University, Salem)
Mookandapalli, Sipcot, Hosur - 635126



Department of English

Organises a

Trends in Technology Activity

On

BLOGGING AND CONTENT CREATION

DATE : 14.03.2020

Date	:	14.03.2020
Resource Person	:	Mrs. L. Anjalin Mary Assistant Professor, Department of English, St. Joseph's College of Arts and Science for Women, Hosur
Class	:	I B.A (English)
No of Beneficiaries	:	58

Report:

Mrs. L. Anjalin Mary, Assistant Professor, Department of English has successfully conducted sessions on Blogging and Content Creation - Trends in Technology activity for I B.A (English). Mrs. L. Anjalin Mary actively engaged with participants during interactive sessions, providing guidance on writing techniques, audience engagement, and addressing specific content creation challenges. Her contribution added a mentorship dimension to the workshop, empowering participants to create impactful content in their respective domains. The Blogging and Content Creation Workshop was organized to explore the art and science of creating engaging and impactful content in the digital realm. The workshop aimed to equip participants with the skills and knowledge needed to excel in the dynamic field of blogging and content creation. With a

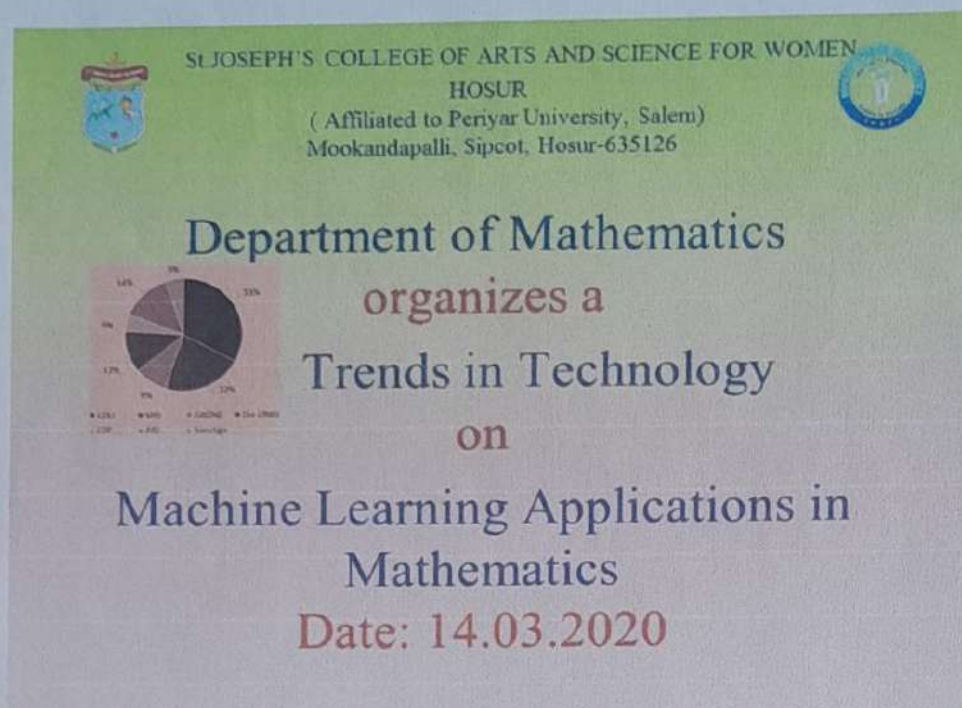


focus on practical strategies and insights, the workshop delved into various aspects of content creation, including writing techniques, audience engagement, and leveraging digital platforms.



Report for Machine learning Applications in Mathematics- Trends in Technology (2019-2020)

Invitation:



Date : 14.03.2020

Resource Person : Mrs.B.K.Jaleesha
Head of the Department,
Department of Mathematics,
St. Joseph's College of Arts and Science for
Women,
Hosur

Class : III B.Sc (Maths)

No of Beneficiaries : 57

Report:

Mrs. B. K. Jaleesha, HOD in the Department of Mathematics presented the Trends in Technology on Machine learning Applications in Mathematics 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 BLOCK CHAIN IN BUSINESS- Trends In Technology(2019-2020)

Invitation:



Date : 14.03.2020

Resource Person : Mrs.C.A.Uma
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 : 52

Report:

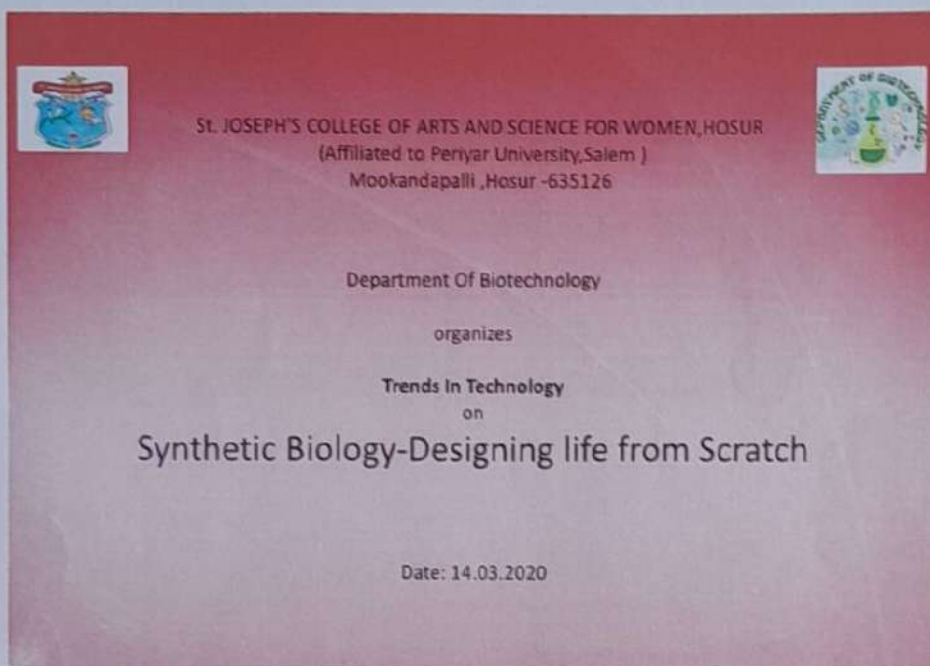
Mrs. Uma, Assistant Professor in the Department of Business Administration with Computer Application, recently delivered an insightful report to III BBA(CA) students on the "Trends in Technology: Block chain in Business." Highlighting the transformative impact of block chain, she elucidated its role in enhancing transparency, security, and efficiency in various industries. Mrs. Uma emphasized how block chain's decentralized ledger system is revolutionizing financial transactions, supply chain management, and data security. Students gained valuable insights into the burgeoning applications of block chain technology, fostering a comprehensive understanding of its potential for reshaping business practices. The session provided a forward-looking perspective on the evolving landscape of technology, equipping students with knowledge crucial for future endeavors.



Photos:



REPORT FOR TRENDS IN TECHNOLOGY ON SYNTHETIC BIOLOGY :
DESIGNING LIFE FROM SCRATCH SKILL (2019-2020)



Date : 14.03.2020

Resource Person : Mrs. Margret Kanimozhi. A

Head & Asst Professor,

Department of Biotechnology

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

Class : III - B.Sc., Biotechnology

No of beneficiaries : 41



The Department of Biotechnology organized the program regarding Trends in Biotechnology on the particular topic Synthetic Biology-Designing life from scratch . Mrs. Margret Kanimozhi, Head & assistant professor, Department of Biotechnology explored the Topic on Synthetic Biology with various techniques and students were enthusiastically involved for the entire session.

Students were taught about Synthetic biology which is an interdisciplinary field that combines principles from biology, chemistry, engineering, and computer science to design and construct new biological entities, systems, or functions that do not exist in nature. It involves the application of engineering principles to biology, with the goal of creating artificial biological systems for practical purposes.

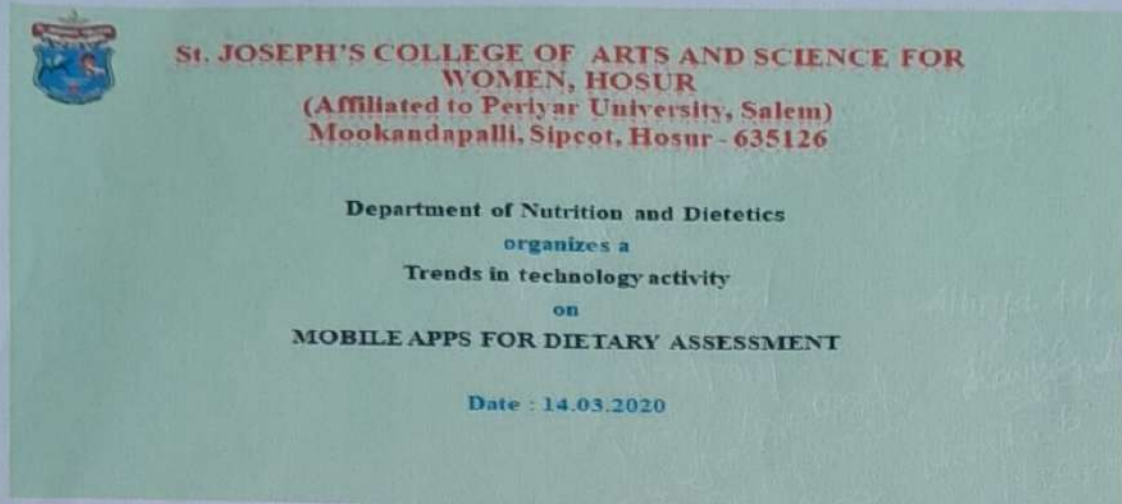
Synthetic biology continues to advance rapidly, with ongoing research pushing the boundaries of what is possible in the design and engineering of living systems. It holds promise for addressing various societal challenges, but responsible and ethical practices are critical to ensuring the safe and beneficial development of this field. The session went on well and students came out with different approaches of Synthetic Biology.





**REPORT FOR WORKSHOP ON MOBILE APPS FOR DIETARY ASSESSMENT –
TRENDS IN TECHNOLOGY (2019-2020)**

Invitation:



Date : 14.03.2020

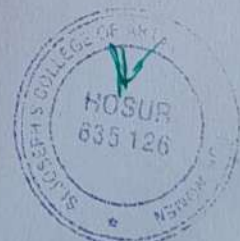
Resource Person : Ms.S.Monisha,
Assistant Professor,
Department of Nutrition and Dietetics,
St.Joseph's College of Arts and Science for Women, Hosur.

Class : II B.Sc Nutrition and Dietetics

No. of Beneficiaries : 28

Report:

Department of Nutrition and Dietetics organized trends in technology workshop on mobile apps for dietary assessment. Ms.S.Monisha, Assistant Professor, Department of Nutrition and Dietetics was the resource person of the workshop. The Mobile Apps for Dietary Assessment workshop introduces innovative tools revolutionizing nutritional tracking. This session explores diverse mobile applications facilitating accurate and convenient dietary analysis. Participants discover functionalities like food logging, meal planning, and calorie tracking offered by these apps. Through hands-on demonstrations, attendees learn to leverage these tools for personalized dietary assessment. The workshop emphasizes the benefits of mobile app integration in promoting healthy eating habits. Participants gain practical insights into utilizing technology for precise nutritional monitoring and goal setting.



Photos:

