Report for One Day workshop on "Computer Hardware"- 29th August 2022

Workshops provide an opportunity to explore current topics. With a workshop, a resource person can impart the right knowledge, training, and expertise into the listener.

A workshop is organized to explore Frontiers in Computer Hardware & Research perspective.

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE FOR WOMEN
(AFFILIATED BY PERIYAR UNIVERSITY)
MOOKANDAPALLI, HOSUR

COMSTA

COMPUTER SCIENCE TECHNICAL ASSOCIATION COMMITTEE OF PG
& RESOURCE DEPARTMENT OF COMPUTER SCIENCE
ORGANIZE A
ONE DAY WORKSHOP ON

COMPUTER HARDWARE

EXPLORING FRONTIERS IN COMPUTER HARDWARE: A
RESEARCH PERSPECTIVE
ON : :29/8/2022

CHIEF GUEST: MRS.LALITHA.
S.S COMPUTERS, COIMBATORE

DR. DHINA SURESH
HEAD/CONVENER

REV SR DR M HELEN
PRINCIPAL

The One Day Workshop on "Computer Hardware" was organized by ComSTA- Computer Science Technical Association Committee, department of Computer Science on 29th August 2022.

The resource person for the workshop was Mrs.Lalitha, S.S Computers, Coimbatore. All the staff members from Computer Science Department and the students from I B.Sc CS participated in the workshop. The venue was Computer Lsb in Mary's Block.

The main objective of the workshop is to provide in-depth insights into computer components, peripherals, troubleshooting, and maintenance, fostering a solid understanding of hardware.

Students were explained about how to assemble and disassemble the CPU step by step. The different components of the CPU were also explained.

Signature of the HOD : Dr. Dhina Suresh
Head and Assistant Professor
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Report for One Day workshop on "Recent Trends in Technology"- 2nd September 2022

Workshops provide an opportunity to explore current topics. With a workshop, a resource person can impart the right knowledge, training, and expertise into the listener.

A workshop is organized to perform research investigation into current technology trends.

The one day Workshop on "Recent Trends in Technology" was organized by ComSTA- Computer Science Technical Association Committee, department of Computer Science on 2nd September 2022.

The resource person for the workshop was Dr. D. Santhi Jeslet, Professor & Head, Department of Computer Science, M.G.R Arts & Science College, Hosur. All the staff members and the students from III B.C.A, III B.Sc.[CS] and II M.Sc.[CS] participated in the workshop. The venue was Room No.19 in Mary's Block.

The main objective of the workshop is to explore the recent trends in the computer field. The resource person highlighted the recent advancements in the computer technologies through a ppt presentation.

The recent technologies like IoT, Virtual reality, Augmented reality, Data Science etc were discussed during the session.

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The students participated in an interactive session. At the end of the session the students were equipped with the knowledge on the different technological advancements in the recent times in the computer technology. They were also enlightened about different career opportunities in IT sector. Around 100 students benefitted from this course.

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Report for One Day workshop on "CS – A Pathway to Success" - 9th September 2022

This Workshops provides an opportunity to explore research driven triumphs in computer science , Forging the path to success.
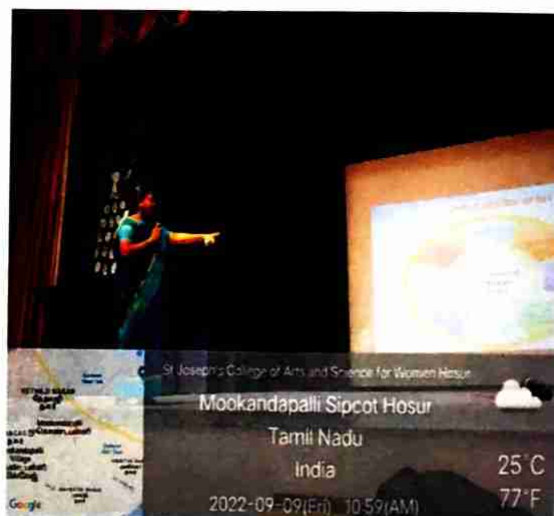

The one day Workshop on "CS- A Pathway to Success" was organized by ComSTA- Computer Science Technical Association Committee, department of Computer Science on 9th September 2022. The resource person for the workshop was Dr. M. Saseekala, Assistant Professor, Department of Computer Science, P.S.G College of Arts & Science, Coimbatore. All the staff members and the students of B.Sc[CS], B.C.A., and M.Sc[CS] participated in the workshop. The venue was St. Francesco Auditorium.

The main objective of the workshop is to highlight the computer field and it's advancements. The workshop also focused on achieving a successful career in computer field. The resource person provided a list of computer technologies that have become so popular in the recent times like IoT.
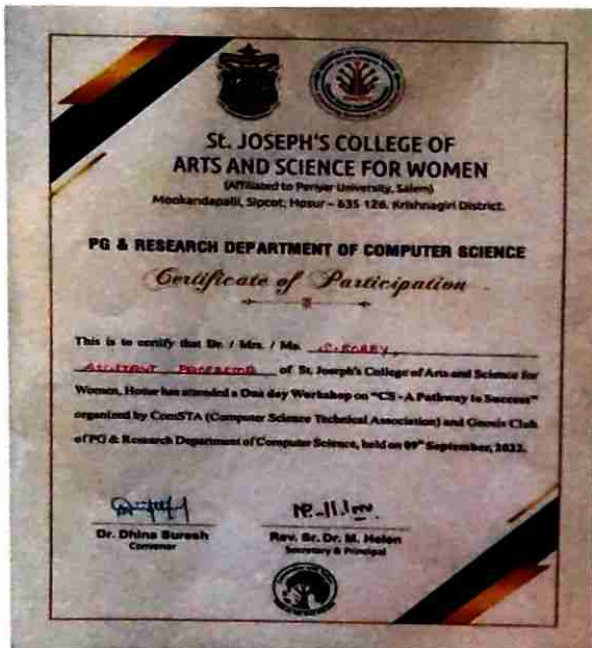

The recent technologies like IoT, Virtual reality, Augmented reality, Bioinformatics, etc., were discussed during the session.
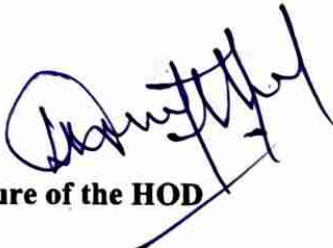

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The students participated in the workshop with great enthusiasm. It was an interactive session. At the end of the session the students were equipped with the knowledge on the different technological advancements in the recent times in the computer technology. All the students from the department of Computer Science benefitted from this course.

Signature of the HOD

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Signature of the Principal

PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS
& SCIENCE FOR WOMEN
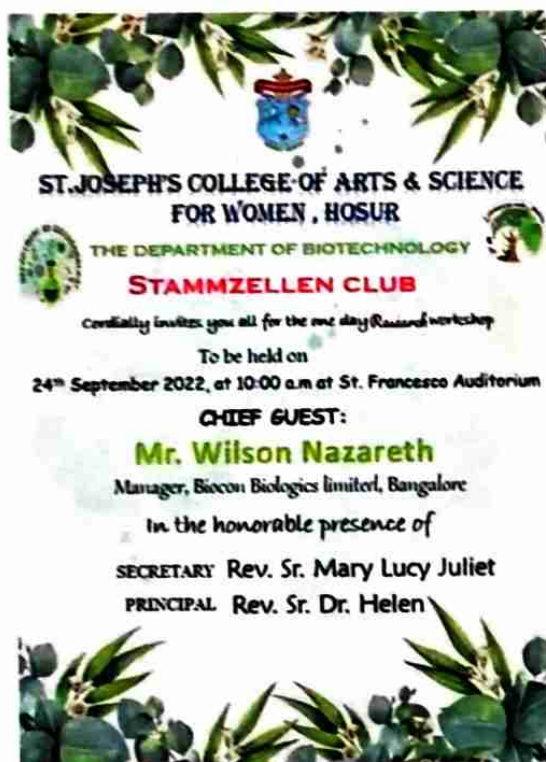Mookandapalli, Sipcot,
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE
FOR WOMEN , HOSUR

THE DEPARTMENT OF BIOTECHNOLOGY

STAMMZELLEN CLUB

Cordially invites you all for the one day Research workshop

To be held on

24ᵗʰ September 2022, at 10:00 a.m at St. Francesco Auditorium

CHIEF GUEST:

Mr. Wilson Nazareth

Manager, Biocon Biologics limited, Bangalore

In the honorable presence of

SECRETARY Rev. Sr. Mary Lucy Juliet

PRINCIPAL Rev. Sr. Dr. Helen

The inaugural of the One-day Research Workshop began invoking the blessings of the Almighty with the Bible reading and Prayer song.

The lamp, a symbol of ignition of knowledge was lit by all the dignitaries.

The Department of Biotechnology organized a One Day Research Workshop on "Scope of Biotechnology" on 24 September 2022.

Mrs. Margret Kanimozhi A., Head and Assistant Professor, Department of Biotechnology greeted the assemblage with the welcome address and invited the dignitaries to take their honorable seat on the dais.

Mr. Wilson Nazareth started the session about the scope of Biotechnology, and it plays a crucial role in drug discovery and gene therapy.

The resource person elaborated the session about role of biotechnology in industrial processes, such as biomanufacturing and bioinformatics.

In addition, he highlight environmental applictionsw of biotechnology including bioremidiation and renewable energy production .

The One-day research workshop on the Scope of Biotechnology was a resounding success, providing students with a comprehensive understanding of the diverse applications and transformative potential of Biotechnology across various domains.

The One-day research workshop concluded with the vote of thanks and by homage to our nation with the National Anthem.

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St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN
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Report on One Day National Level Workshop on "Research Methodology in Social Science Using SPSS"

A one-day national level workshop on "Research Methodology in Social Science Using SPSS" was successfully conducted on 20th October 2022. The workshop aimed to equip participants with the knowledge and skills required to effectively utilize SPSS (Statistical Package for the Social Sciences) for data analysis in social science research.

The workshop was organized by Department of Commerce. The resource person for this workshop was Dr.Kumaresan Professor and Director, School of commerce K.S.R College of Arts & Science for Women, Tiruchengode.The staff members and students from various colleges have participated in the workshop at St. Francesco Auditorium. The main objective of the workshop is to enhance the knowledge to the learners.

The workshop covered a comprehensive range of topics related to research methodology and data analysis using SPSS. Key areas covered included:Introduction to research design in social sciences, Formulation of research questions and hypotheses, Data collection methods (surveys, interviews, etc.), Data entry in SPSS, Descriptive statistics and Hypothesis testing using various statistical techniques (e.g., chi-square test, t-test, ANOVA).

The one-day national level workshop on "Research Methodology in Social Science Using SPSS" proved to be a valuable learning experience for participants. The workshop not only equipped them with the technical skills required for data analysis using SPSS but also provided a deeper understanding of research methodology in social sciences. This will empower them to conduct high-quality research and contribute significantly to their respective fields.

Signature of the HOD

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# Report for One Day Inter Departmental Workshop – A Hands on Session on Python Programming

A One Day Inter Departmental Workshop was organized to empower Researchers with practical skills in Python Programming, fostering a hands-on learning environment.
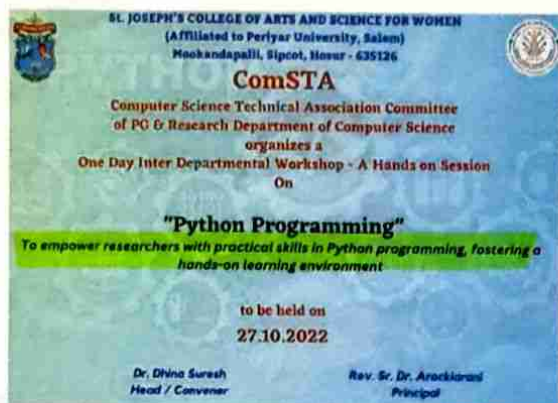
This Hands on session is conducted on 27.10.22 to teach all the basics of computer programming in Python. A total of 27 students from Third-year BSc Maths, I Msc Maths and II Msc Maths took part. In this session, they cover the basics of building a program using a set of simple Python instructions. Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding; make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together.
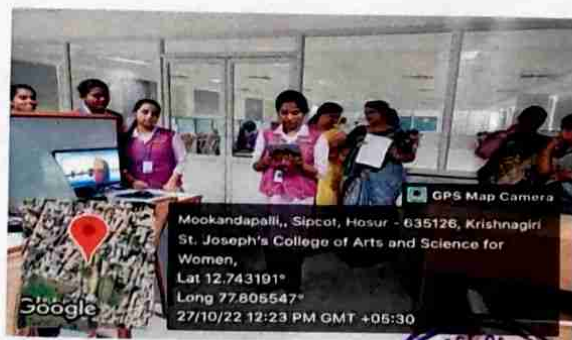
Python is a powerful, flexible, and easy-to-use language. In addition, the community is very active there. It is used in many organizations as it supports multiple programming paradigms. It also performs automatic memory management. Python has simpler syntax similar to the English language and also the syntax allows developers to write programs with fewer lines of code. Since it is open-source there are many libraries available that make developers' jobs easy ultimately results in high productivity.
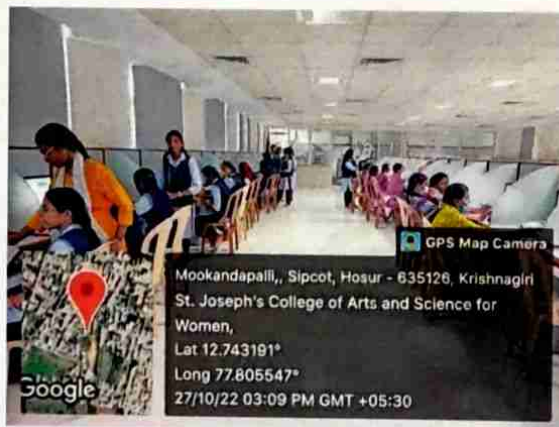
Anyone with moderate computer experience should be able to master the materials in this course. The resource person demonstrated each concept. He explained the stand-alone programs; Web service programs and database concepts. At the end of the course, he gave the students an exercise program. The students enjoyed the session and learned a lot. Students can now apply the concepts in advanced applications.

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Report for Second International Conference – 10.02.2023 & 11.02.2023

International conferences serve as crucial platforms for knowledge exchange, collaboration, and global progress. Bringing together experts, researchers, and practitioners from diverse fields, these gatherings foster networking and partnerships, promoting cross-cultural understanding and cooperation.

The first aim of this conference is to provide opportunities for students and academicians from a range of disciplines to share their research through the conference podium. To encourage the researchers the proceeding of our conference is published as a book with an ISBN number and each chapter in the book will receive an individual DOI number.

The Second International Conference on "Prominent Challenges in Information Technology" is organized by COMSTA of PG & Research Department of Computer Science on 10.02.2023 and 11.02.2023. Different chief quests, Keynote Speakers and Plenary Speakers gave their ideas to all BCA, B.Sc(CS) & M.Sc(CS) students totally 340 students. The Second International Conference Proceedings and the handbook for the academic year 2021-2022 were released on that day.

The second aim of the Conference Series is to provide opportunities to receive formal in-depth feedback through discussions and to enable them to establish contact with professionals in other states and institutions. The first call for papers was announced on Nov 23, 2022. All the papers were submitted to the conference through the easy-chair portal.

Byagadadenahalli, Tamil Nadu, India
51, Chandapura - Anekal Road,
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Around 46 papers from various colleges received. This conference had a team of 20 reviewers. Each paper was sent to three reviewers. From the decision of the expert team, 41 papers were selected and 41 members are presented through both online and offline modes. Research Scholars and students of various colleges from Tamil Nadu, Karnataka, Maharashtra and Uttar Pradesh are participated in Conference and presented their papers.

Hosur, Tamil Nadu, India
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Long 77.80474°
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Finally best papers are selected and awarded on that day. International conferences foster cross-cultural understanding and promote global cooperation, leading to potential solutions for shared challenges. They facilitate networking opportunities and establish new partnerships among participants from diverse backgrounds, thereby enhancing international collaboration in various fields.
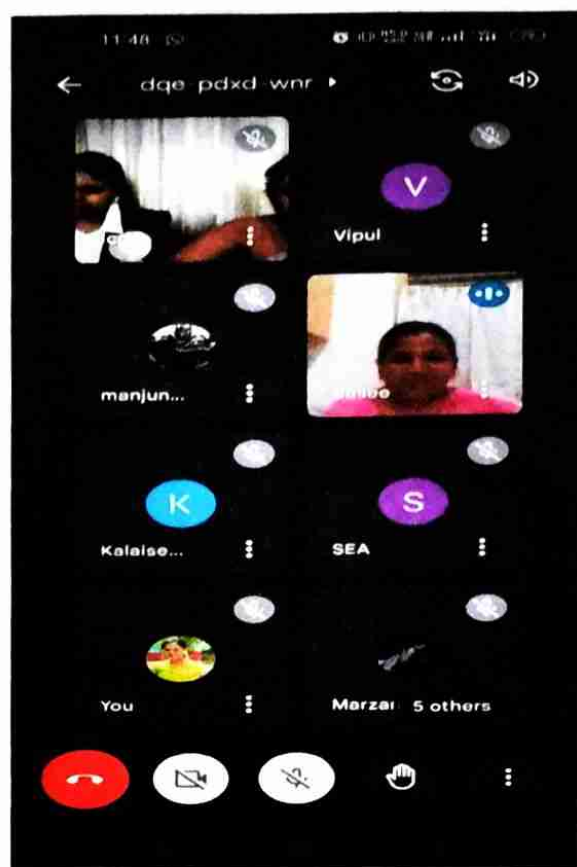
This conference played a crucial role in advancing knowledge, shaping policies, and promoting a more interconnected and inclusive world.

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Report for the International workshop

" Internet of things"- 11/2/23 at 9:30a.m..

The International workshop on "Internet of Things-IOT" was organized by the PG & Research Department of Mathematics on 11thFebruary,2023 at 9.30 a.m in St.Francesco Auditorium

Around 22 staff members, 40 students from the Department of Mathematics,74 students from the department of Computer Science, 65 students and staffs from outsiders attended this workshop

Dr. S. Benson Edwin Raj, Associate Professor, Department of Computer Information Science, United Arab Emirates &

Mr. Ramakrishnan Raman, Technical trainer & Project Mentor, United Arab Emirates was the chief guest. They explained about IOT (Internet of Things) with the power point presentation

Internet of Things (IOT) refers to the network of physical object devices vehicles & other items embedded with sensors & software that allow them to connect & exchange data over the internet. Another way to explain what is IoT through an example. Imagine a watch that can collect specific information from your body, like blood pressure , oxygen , stress levels, or even the distance you have walked

This work shop organized by the Department of Mathematics was very useful and informative to our students. It made the students to realize the importance of IOT. It was an interactive session and the students learned with great interest. Also students realize that the internet of things reduces human effort for many activities.

Signature of the HOD:

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_OT, Hosur - 6__ ___.

Signature of the Principal:

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St.JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN-HOSUR
PG & RESEARCH DEPARTMENT OF ENGLISH
A TWO-DAY INTERNATIONAL CONFERENCE – REPORT
2022-2023

The PG and Research Department of English organised a two-day International Conference on **EMERGINGSOCIO-CULTURAL DIMENSIONS IN ENGLISH LANGUAGE AND LITERATURE** held on 22.02.2023 and 23.02.2023.

The total beneficiaries are 304 on 22.02.2023 and 166 on 23.02.2023.

INVITATION

AGENDA

The invited speakers are:

1. Dr. Maureen ShyamalaRajamoney, Educator – Chan Wa National Type Secondary School, Seremban, Malaysia.
2. Dr. S. Sumanjari, Freelance Faculty in English & Education, Bengaluru, Karnataka.
3. Dr. M. Palani Kumar, Head & Asst. Professor, Department of English, MGR College of Arts & Science, Hosur.

On 22.02.2023 Dr. Maureen ShyamalaRajamoney delivered a lecture on the importance of English on a Global level, from 10.30 a.m. to 11.30 a.m. and Dr. S. Sumanjari delivered a lecture on Multicultural Voices: Perspectives of 'Glocal' in Literature and Language Learning from 11.45 a.m. to 12.30 p.m. Papers were presented by students from 12.30 p.m. to 1.00 p.m. and from 2.00 p.m. to 3.15 p.m. On 23.02.2023 Dr. M. Palani Kumar delivered a lecture on the overview of History of English Literature globally from 10.20 a.m. to 11.00 a.m. Papers were presented by the participants from 11.00 a.m. to 1.00 p.m and the certificates were distributed from 2.15 p.m. to 2.50 p.m. Feedback forms were collected from all the participants. Selected papers were published in ISBN and ISSN. 55 selected papers were published in ISBN 978-93-94174-30-6 and 16 selected papers were published in the journal- Kanpur Philosophers, ISSN 2348-8301.