## Report for "Recent Trends in IOT"

A one day workshop is organized to gain a research exploration of Recent Trends in IOT.
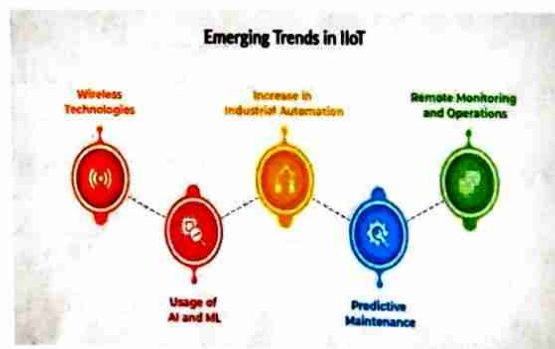

The one-day workshop on recent trends in IoT, led by esteemed resource person Dr. H. Hannah Inbarani, promises an immersive exploration of the ever-evolving landscape of the Internet of Things (IoT). This workshop aims to provide participants with a comprehensive understanding of cutting-edge developments, emerging technologies, and transformative applications of IoT. Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. A device become a smart device is called IOT. Now a days there are many android and server based application. The Internet of Things (IoT), sometimes referred to as the Internet of Objects, will change everything including ourselves. This may seem like a bold statement, but consider the impact the Internet already has had on education, communication, business, science, government, and humanity. Clearly, the Internet is one of the most important and powerful creations in all of human history. Now consider that Internet of Things represents the next evolution of the Internet, taking a huge leap in its ability to gather, analyse, and distribute data that we can turn into information, knowledge, and, ultimately, wisdom. In this context, Internet of Things becomes immensely important.
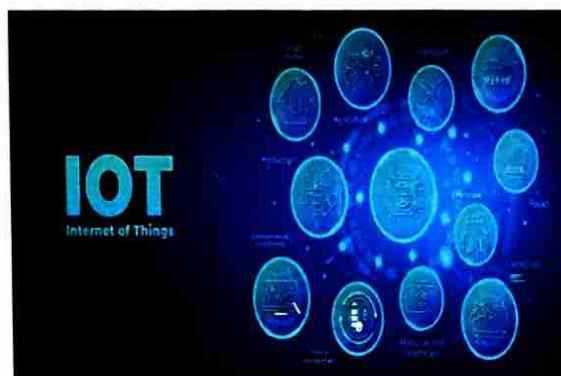
The students gained the knowledge in various field, will discover into key topics such as edge computing, artificial intelligence integration, and the convergence of IoT with other disruptive technologies. Participants can expect to gain insights into the latest advancements in IoT security, data analytics, and sensor technologies. The workshop will also address the role of IoT in shaping smart cities, healthcare systems, and industrial processes.

Signature of the HOD: Dr. Dhina Suresh

Head and Assistant Professor
Department of Computer Science
St. Joseph's College of Arts and Science for Women
SIPCOT, Hosur - 635 126.

REPORT ON LATEX FOR SCIENTIFIC RESEARCH
17th August 2019

Dr.A.GEORGE MARIA SELVAM, Head & Associate Professor, Department of Mathematics, SACRED HEART COLLEGE [AUTONOMUS]-TIRUPATTUR was the Resource Person.

ONE DAY WORKSHOP ON "LATEX FOR SCIENTIFIC RESEARCH" was held on **17th AUGUST, 2019 at 9:30 a.m.** in MARY'S BLOCK(ROOM NO; M5). Latex is used for preparing documents that lets you with flexibility in writing lengthy documents and automate the processes like creating the table of contents and bibliography.

The Latex interface facilities text formatting and creating complex equation, tables,and diagrams through a Series of text commands.The sessions were very useful and informative. 14 Students and 10 staffs from our department benifited . Also the students from UG and PG Presented PPTs.Best Presentations were selected and honored with awards and certificates.

Signature of the HOD:

Signature of the Principal:

PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE FOR WOMEN
Mookandapalli, Sipcot,
HOSUR - 635 126,Krishnagiri-Dist.

The inaugural of the Symposium 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 faculty

The Department of Biotechnology organized a One-Day National Level Symposium on Contemporary issues in Biotechnology – A Research Analysis on 19th February 2020 in St. Francesco auditorium.
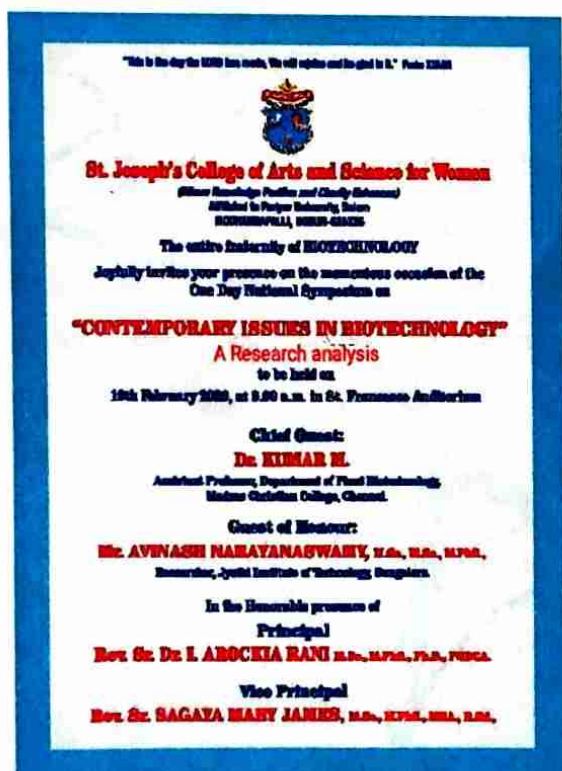
Mrs. Margret Kanimozhi A., Head and Assistant Professor, Department of Biotechnology greeted the assemblage with the welcome address and invited the

dignitaries to take their honorable seat on the dais.

Following the Presidential address by the Principal, Rev. Sr. Dr. Arockia Rani. The Technical Session commenced. Dr. Kumar.M the invited speaker of the session elaborated about contemporary issues in Biotechnology.

He addressed the role of biotechnology in health care, particularly on the context of personalized medicine. Furthermore, discussions centered n promise of biologic including gene therapies and monoclonal

Antibodies, in treating complex disease like cancer and auto immune disease.

The session went well and ended with vote of thanks by Mrs. Rabiya Aleen.S Assistant Professor, Department of Biotechnology and by homage to our nation with the National Anthem.

Head and Assistant Professor
Department of Biotechnology
St. Joseph's College of Arts and Science for Women
SIPCOT, Hosur - 635 126.

Report for One Day Workshop – Web Designing

This workshop is organized to Research insights into evolving trends in web designing.

This Hands on session is conducted to teach all the basics of computer programming in web designing. The third year students of BCA took part. In this session, they cover the basics of web development and a technical skill of c++, php, python and so on. A web design workshop can be a valuable experience for individuals and businesses looking to improve their website's appearance, functionality, and user experience.

Web Designing is the planning and creation of websites. This includes the information architecture, user interface, site structure, navigation, layout, colors, fonts, and imagery.

All of these are combined with the principles of design to create a website that meets the goals of the owner and designer. A well-designed website can help you form a good impression on your prospective customers.

"Web design" in basic terms, refers to the process of organizing information and visuals in a beautiful, interesting and user-friendly way. It usually involves rigorous planning and an artful balance of structure and creativity. 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.

Signature of the HOD
Dr.Dhina Suresh
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Report for National Webinar on – Digital Evolution in Post Pandemic World

This National webinar is organized to Research perspectives on Post Pandemic Evolution in the Digital Landscape.

This National webinar is conducted to teach all the basics of Digital Evolution. All the students of III BCA and III B,Sc., CS took part. In this session, they cover the new strategies and practices. Our findings suggest that executives are taking note: most respondents recognize technology's strategic importance as a critical component of the business, not just a source of cost efficiencies. Respondents from the companies that have executed successful responses to the crisis report a range of technology capabilities that others don't—most notably, filling gaps for technology talent during the crisis, the use of more advanced technologies, and speed in experimenting and innovating.

During the pandemic, consumers have moved dramatically toward online channels, and companies and industries have responded in turn. The survey results confirm the rapid shift toward interacting with customers through digital channels. They also show that rates of adoption are years ahead of where they were when previous surveys were conducted—and even more in developed Asia than in other regions (Exhibit 1). Respondents are three times likelier now than before the crisis to say that at least 80 percent of their customer interactions are digital in nature.

The resource person demonstrated each concept. He explained the stand-alone concepts. This webinar lies in its ability to provide accessible, engaging, and convenient online experiences that facilitate knowledge.

Head and Assistant Professor
Signature of the HOD Department of Computer Science
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