

ASSOCIATIONS 2022 -2023

Date	Topic	Resource Persons
DEPARTMENT OF COMPUTER SCIENCE		
12.08.2022	Future of Internet Technology	Ms. S. Sharon Rosy, CEO, Admin & Creative Head of S2S Web Technologies, Trichy
18.08.2022	Preparation Strategies for Competitive Exams	Mr. Bala Shankar, Founder and Director of Jothi IAS Academy, Srirangam, Trichy
01.09.2022	Advanced Python & Exposures	Ms. Akshaya Nirmal B.E(CS), IT Trainer, IPCS Global Solution, Trichy
28.09.2022	Analysis the self – The tip of Iceberg	Ms. Dr. S. Lidia Susan, Student Counsellor, Student counseling Centre, Bishop Heber College, Trichy
06.10.2022	What winners do to win	Ms. J. CarmeleteSilviya, Coordinator, Human Resource Development Center, Holy Cross College, Trichy
11.10.2022	Math and Reasoning Tricks for Competitive Exams	Ms. V. Amala Deepa, Assistant Professor, PG Department of Computer Science, Holy Cross College, Trichy
26.10.2022	Project Development Life Cycle	Dr. Jude Nirmal, Department of Computer Science, St.Joseph’s College, Trichy
01.11.2022	Assistive Technology and Strategic Operations in Wearable Technology	Dr. Andrews Samraj, Professor, Department of Computer Science & Engineering, Mahendra Engineering College, Namakkal
19.01.2022	Emerging Careers in IT	Mr. AH. Mohammad Imran, Synergy - School of Business Skills, Cantonment, Trichy
02.02.2023	Careers in Web Designing	Ms. S. Sharon Rosy, CEO, Admin & Creative Head of S2S Web Technologies, Trichy
10.02.2023	IoT Sensor Circuit Boards	Mr. S. Sivakumar Project Head, Quest Technologies, Trichy
15.02.2023	Introduction to Machine Learning	Ms. M. Uma Maheswari, Research Scholar in Computer Science, St. Joseph’s College, Trichy
07.03.2023	Healthy living with Millets	Mrs. VasanthiMuralidharan, Botanist, Healthy Living, Proprietor - MMP Stores, Dealers in Herbs and Millets, Trichy
IIC Meetings / Activities 2022 -2023		
18-07-2022	Orientation Session on “Igniting the Young Minds towards Innovation”	Dr. M. Prabha, Innovation Ambassador & Startup Activity Coordinator, PG and Research Department of Commerce, Holy Cross College (Autonomous), Tiruchirappalli
06-10-2022	Motivational Speech on “Foster Start-Up Culture Pathway among Students”	Ms. M. Ellakkiya, IIC Innovation Ambassador,

		Asst. Professor, Dept. of Computer Applications, Cauvery College for Women (Autonomous), Tiruchirappalli
10-10-2022	Idea Competition on the topic “Inspire, Innovate and Ideate”	Dr. A. Punitha, IIC – Innovation Ambassador, IIC – Convener, Department of ECE, MAM School of Engineering, Tiruchirappalli
17-10-2022	Mentoring Session on the topic “Transference of Innovative Ideas”	Dr. P. Revathi, IIC – Innovation Ambassador, Internship Activity Co-ordinator, Assistant Professor & Head, PG Department of Computer Science, Holy Cross College (Autonomous), Tiruchirappalli – 620 002
09-01-2023	Workshop on “Critical Thinking and Innovative Design”	Dr. S. Vidhya, IIC – Innovation Ambassador, Professor, Department of Physics, Srimathi Indra Gandhi College, Tiruchirappalli –02
12-01-2023	Skills Orientation Session on the topic “Attitude and Behavior Development for Successful Entrepreneurship”	Ms. Mariena Kamala Brinda Noel S., Assistant Professor, Department of English, Holy Cross College (Autonomous), Tiruchirappalli – 620 002
27-01-2023	Expert Talk on the topic “Process of Innovation Development & Tech-Transfer”	Dr. Dinesh Kumar Rajendran, IIC – Convener, Assistant Professor of Mechanical Engineering, National Institute of Technology, Srinagar, Jammu and Kashmir – 190008
27-02-2023	Field Visit to the TBI - Incubation Unit of SASTRA University, Thanjavur	Mr. Vetri Selvan, Incubation Manager Consultant and Startup Mentor, Technology Business Incubator (TBI) SASTRA University, Tirumalaisamudram, Thanjavur- 613401,
07-03-2023	Workshop on “Business Model Canvas – A Success Structure for Women Entrepreneur”	Dr. P. Revathi, IIC - Innovation Ambassador, Internship Activity Coordinator, Assistant Professor & Head, PG Department of Computer Science, Holy Cross College (Autonomous), Tiruchirappalli - 620 002

Association Programmes

1. ASSOCIATION INAUGURAL

Details of the meeting:

Date: 12- 08-2022

No. of resource person: 1

No. of participants: 89

The session was then handed over to Ms. S. Sharon Rosy, CEO, Admin & Creative Head of S2S Web Technologies, Trichy. She initiated the session leading on, **“FUTURE OF INTERNET TECHNOLOGY”**. The session was quickly started by refreshing the students with certain basics of current technologies. Moreover, she interacted with the students and explained about the 10 consumer trends such as 5G, IOT, Virtual reality, etc. At the end of the session, the students filled out the Student Perception Analysis form to have an idea about their choices in technology. The session ended with the vote of thanks rendered by Ms. Sneha (III B.Sc. Computer Science).



2. PREPARATION STRATEGIES FOR COMPETITIVE EXAMS

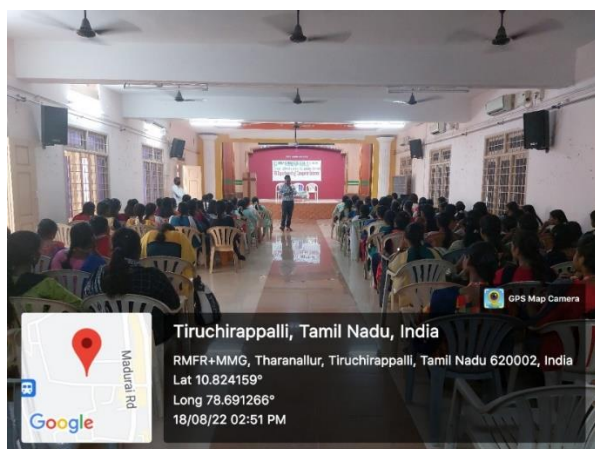
Details of the meeting:

Date: 18- 08-2022

No. of resources person: 1

No. of participants: 90

The resource person, Mr. Bala Shankar, Founder and Director of Jothi IAS Academy, Srirangam, Trichy, took over the session and interacted with the students regarding competitive exams. He explained the syllabus, portions and his insightful thoughts regarding exams such as TNSPC, UPSC, etc. Moreover, he also gave some tips and tricks to tackle questions and interviews over common basis of preparation. To sum up the session, he did a complete summary about the day's seminar and also asked the students to fill up feedback forms.



ADVANCED PYTHON & EXPOSURES

Details of the meeting:

Date: 01- 09-2022

No. of resources person: 1

No. of participants: 90

Report Description:

The resource person, Ms. Akshaya Nirmal B.E(CS), IT Trainer, IPCS Global Solution, Trichy, took over the session and interacted with the students regarding Python programming. She explained the overview of python, it's benefits and the step by step procedure of installation of python. Moreover, she also gave tips and tricks to tackle the interview questions and explained the ways to be prepared for interviews. She also showed some code snippets and asked the students the output.



JAVA WITH DIFFERENT WORKING PLATFORM FOR PROJECTS

Details of the meeting:

Date: 08- 09-2022 & 09-09-2022

No. of resources person: 1

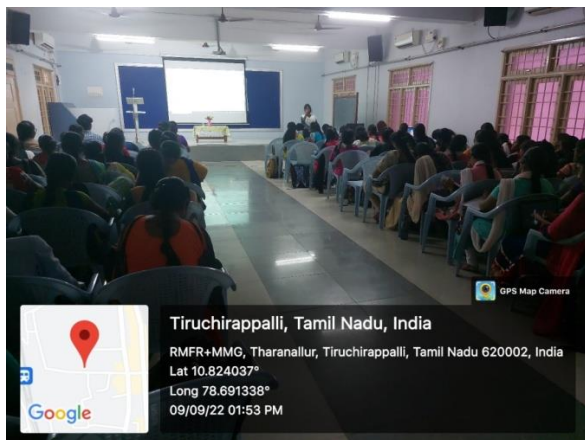
No. of participants: 90

Report Description:

The resource person, Ms. V. Kamatchi B.E. Livewire Engineer, Livewire India Pvt. Ltd., Tiruchirappalli, took over the session with the introduction of basics of programming language.

DAY1: Ms. Kamatchi reached out the students and asked basic questions to know about the level of knowledge they had on multiple languages. Firstly, she proceeded with the introduction of C & C++. Then she explained the step-by-step installation of Eclipse IDE to implement the coding. Furthermore, she explained about the basics of Java including java string methods, class methods and OOPS concept.

DAY2: Ms. Kamatchi started the second day's session by explaining how to create a simple calculator, a puzzle game using AWT (Abstract Window Toolkit) and how to develop a GUI (Graphic User Interface). Before reaching the doubt session, she asked for student's suggestion and also implemented their ideas into coding, making the session more interesting. To sum up the session, she did a complete summary about the day.



ANALYSIS THE SELF- THE TIP OF ICEBERG

Details of the meeting:

Date: 28- 09-2022

No. of resources person: 1

No. of participants: 146

The resource person, Ms. Dr.S.Lidia Susan, Student Counsellor, Student counseling Centre, Bishop Heber College, Trichy, took over the session and interacted with the students regarding the Truth beyond Human personality and its Structures. She explained the History of Psychology, Three Stages of Psychology (that is, Conscious, Subconscious and Unconscious). Moreover, she made the students to analyse themselves by giving some real time examples. Finally, she conducted an interesting brain game and also asked the students to write feedback.



WHAT WINNERS DO TO WIN

Details of the meeting:

Date: 06- 10-2022

No. of resources person: 1

No. of participants: 90

Report Description:

The resource person, Ms.J.Carmelete Silviya, Coordinator,Human Resource Development Center,Holy Cross College Tiruchirappalli, took over the session. The speaker asked the students to express their positive attitudes to acknowledge the importance of optimism.She also created a spark on students to plan their own path of career from the beginning to achieve their guaranteed success.She also talked about the five C's for success (Character, Courage, Confidence, Commitment, Convention).



MATH AND REASONING TRICKS FOR COMPETITIVE EXAMS

Details of the meeting:

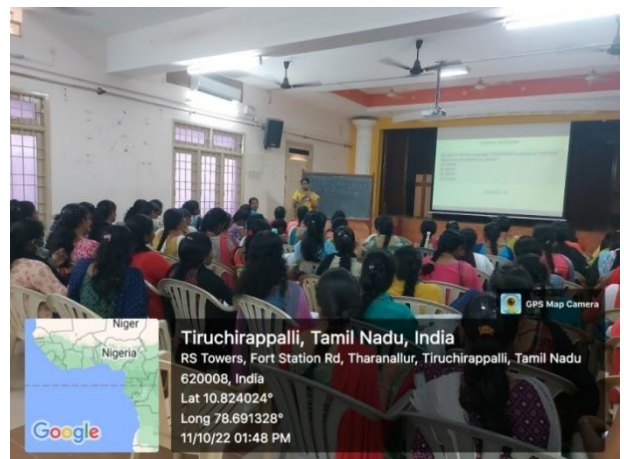
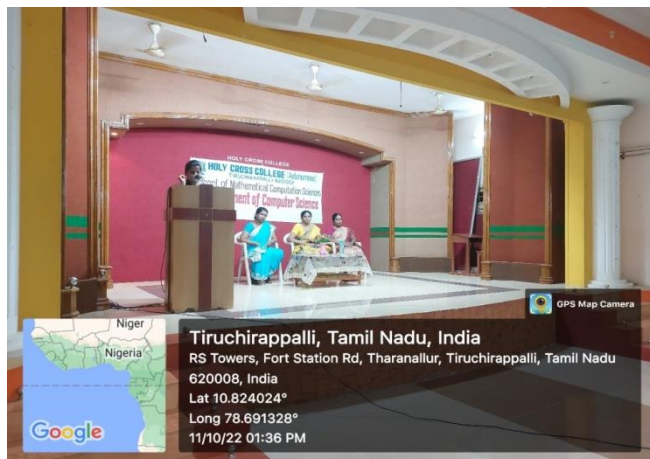
Date: 11- 10-2022

No. of resources person: 1

No. of participants: 87

Report Description:

The resource person, Ms. V. Amala Deepa, Assistant Professor, PG Department of Computer Science, Holy Cross College, Trichy, took over the session and explained the topics Coding and Decoding, Blood Relations, Seating Arrangements and Problems on Ages. She also asked the students to work out some problems. Moreover, she gave certain short cut methods to solve the aptitude and reasoning based questions within a short period of time which will be useful for cracking competitive examinations.



PROJECT DEVELOPMENT LIFE CYCLE

Details of the meeting:

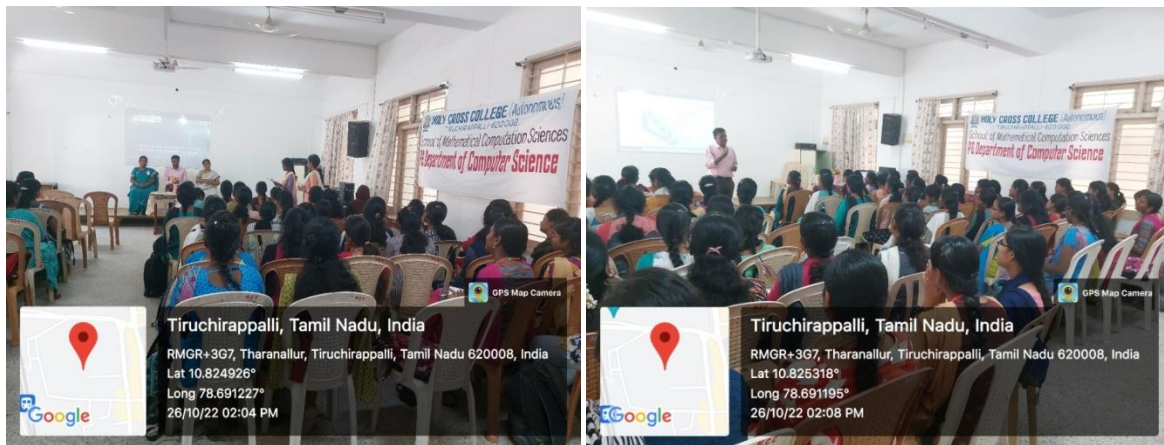
Date: 26- 10-2022

No. of resources person: 1

No. of participants: 83

Report Description:

The resource person, Dr. Jude Nirmal, Department of Computer Science, St.Joseph's College, Trichy, took over the session and explained about the most recently used Process models especially 'Waterfall model'. He explained the steps involved in Waterfall model with certain real time examples. Moreover, he gave a brief explanation about the steps to develop a project such as choosing a suitable programming language, software, hardware resources etc. Finally, he gave some suggestions to successfully complete a project.



ASSISTIVE TECHNOLOGY AND STRATEGIC OPERATIONS IN WEARABLE TECHNOLOGY

Details of the meeting:

Date: 01- 11-2022

No. of resources person: 1

No. of participants: 90

Report Description:

The resource person, Dr. Andrews Samraj, Professor, Department of Computer Science & Engineering, Mahendra Engineering College, Namakkal, took over the session with the introduction of Strategic Operation in Wearable Technology.

Firstly, he reached out the student's point of view regarding Assistive technology and their general knowledge about it. Later, he explained the overview of features extraction, classification, clustering and also explained about sign languages. He also taught us about the gesture recognition. He shared his experience in the Hand-Glove project. To sum up the session, he did a complete summary about the day's seminar.

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College with Potential for Excellence
Tiruchirappalli - 620 002

SCHOOL OF MATHEMATICAL COMPUTATION SCIENCES
PG DEPARTMENT OF COMPUTER SCIENCE

Association – CS Chronicles
Cordially invites you for the Online Technical Session on the Topic
**Assistive Technology and Strategic Operations
in Wearable Technology**

Dr. ANDREWS SAMRAJ
Professor
Department of Computer Science and Engineering
Mahendra Engineering College
Namakkal , Tamil Nadu

01 - 11 - 2022
@
06:00 PM.

Join via
Google Meet

International Seminar

Details of the meeting:

Date: 05- 01-2023

No. of resources person: 5

No. of participants: 220

Report Description:

In Commemoration of Centennial Celebrations of the esteemed Institution, the PG Department of Computer Science, Holy Cross College (Autonomous), Tiruchirappalli, organized a International Seminar on “Innovative Technologies and Cyber Security” on 5th January 2023.

The programme started with the welcome address given by **Dr. P. Revathi**, Assistant Professor and HoD of Computer Sciend, and the special Inaugural address delivered by

Dr. D.I. George Amalarethinam, Bursar, Director (MCA) & Associate Professor of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirapalli, South India. He spoke about Cyber Security breaches. He explored the various types of Crimes, frauds and threats along with the Information Security required for the Institutions and Organizations. The Inauguration function was concluded with the Vote of Thanks proposed by **Ms. N. Kannammal**, Assistant Professor of Computer Science, one of the Organizing Secretary for this International Seminar.

There were five eminent speakers, who enlightened the participants, from various Colleges and Organizations.

Mr. S. Deepak Rajan, Associate Director, Cognizant Technology Solutions, United Kingdom & Ireland elaborated on “IT Infrastructure Services”. He emphasized on the Job opportunities with the aware of Infrastructure services. He discussed the key areas and components of IT Infrastructure. And he also explained the Various Supporting Technologies within IT Infrastructure and their Job Opportunities.

Dr. Andrews Samraj, Professor, Department of Computer Science & Engineering, Mahendra Engineering College, Namakkal Dt., Tamilnadu, India, dealt with the Safety and Security measures to be handled with Wearable Gadgets, by orienting on the topic “Innovative Wearable Gadgets for Safety and Security”. He introduced few wearable innovations that help the human race and its sustainable coexistence on Earth. He also explained the protection and wellbeing of people in maintaining their health and safety.

Dr. Zubeir Izaruku Dafalla, Assistant Professor, Department of Information Technology, Community College of Qatar, Doha, Qatar, connected virtually through Google Meet, and briefed the Cyber crimes associated with the topic “Cyber Security Attacks and Threats”. He also enlightened on the nuances of the Cyber Crime and Threats.

Dr. J. I. Sheeba, Assistant Professor, Department of Computer Science & Engineering, Puducherry Technological University, Puducherry, provided awareness concerning Cyber Bullying, precautionary measures and remedial steps to overcome the issues faced by the threat related to the topic “Cyber Bullying & Prevention Strategies”. She also enlightened the participants with the various strategies to stop Cyber bullying.

Dr. Dinesh Kumar Rajendran, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology, Srinagar, (Ministry of Education, Government of India), Jammu and Kashmir, explained the innovative methods and steps involved in 3D Printing on the topic “3D Printing Technology”. He explored the Evolution of 3D Printing, Types of 3D printing Technologies, 3D Printing process, Post-Printing Requirements and also various 3D printing Services.

The Valedictory session was empowered by our well-known distinguished Chief Guest, **Dr. E. George Dharma Prakash Raj**, Associate Professor, Bharathidasan University, Tiruchirappalli. He shared his views about the Innovative Technologies emerged with Cyber Security in our daily life operations and expressed the prime importance in deployment of the innovative peripherals in a safe and secure manner. The Valediction Function was concluded with Vote of Thanks rendered by **Dr. S. Bhuvaneshwari**, Assistant Professor, and Organizing Secretary of this International Seminar.

The day was rendered entirely fruitful by five erudite Resource Persons, & enthusiastic participants with carry back valuable information for the benefit of the academic performances by the students and for the students as reflected in the feedback session.



EMERGING CAREERS IN IT

Details of the meeting:

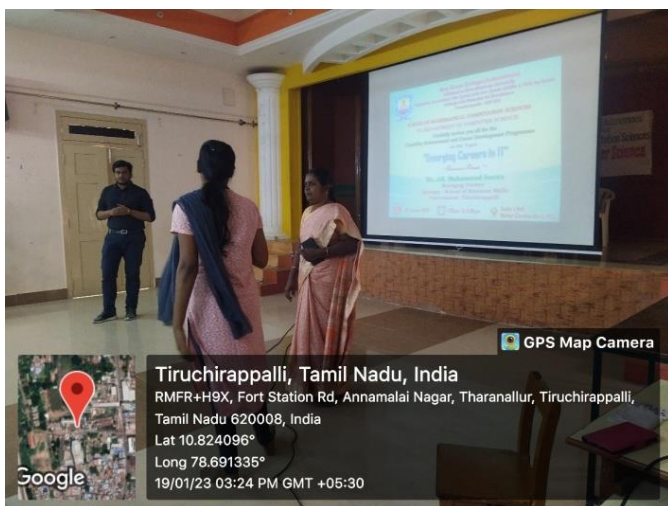
Date: 19 -01-2023

No. of resources person: 1

No. of participants: 90

Report Description:

The resource person Mr. AH. Mohammad Imran, Synergy - School of Business Skills, Cantonment, Tiruchirappalli, took over the session. The speaker asked the students to express their positive attitudes to acknowledge the importance of business. He also created a spark on students to plan their own path of career from the beginning to achieve their guaranteed success. He also held an activity session for students to come up with their own ideas for starting their business.



CAREERS IN WEB DESIGNING

Details of the meeting:

Date: 02 -02-2023

No. of resources person: 1

No. of participants: 94

Report Description:

Report Description:

The session was then handed over to Ms. S. Sharon Rosy, CEO, Admin & Creative Head of S2S Web Technologies, Trichy. She initiated the session leading on, “**CAREERS IN WEB DESIGNING**”. The session was quickly started by refreshing the students with basics of Web Designing. She also explained the working methodology of web designing. Moreover, she interacted with the students and explained about the web designing job opportunities present in current situation for computer science students.



IOT SENSOR CIRCUIT BOARDS

Details of the meeting:

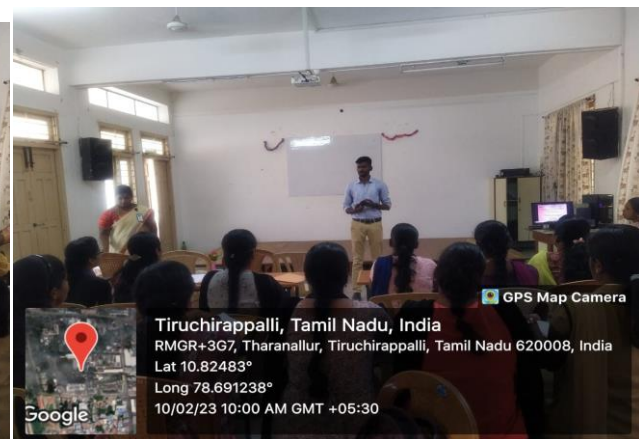
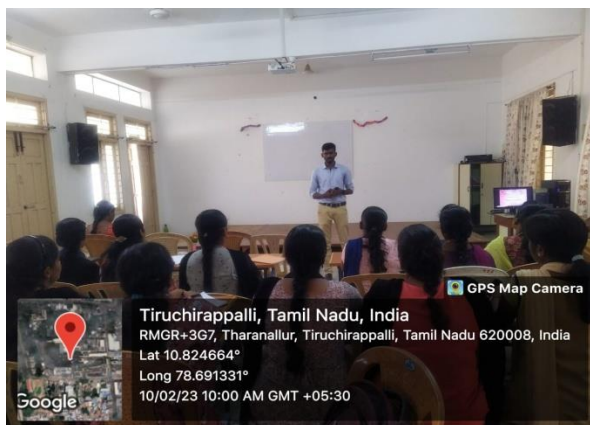
Date: 10-02-2023

No. of resources person: 1

No. of participants: 16

Report Description:

The resource person was Mr. S. Sivakumar Project Head, Quest Technologies, Tiruchirappalli. The speaker explained various types of IOT (Internet of Things) devices. He demonstrated the devices one by one, its working and displayed the devices such as Arduino UNO, I2C, RaspberryPi, NANO. He also explained about different types of sensors. He encouraged the students to do their upcoming projects well by everything they learned today.



INTRODUCTION TO MACHINE LEARNING

Details of the meeting:

Date: 15-02-2023

No. of resources person: 1

No. of participants: 85

Report Description:

The resource person was Ms. M. Uma Maheswari, Research Scholar in Computer Science Department, St. Joseph's College, Trichy. She explained the concepts of Machine Learning with certain real time examples. Moreover, she gave a brief explanation about the history, features, need, importance, types, applications and tools. Finally, she clarified the doubts regarding the concept.



JAVA PROGRAMMING WITH DIFFERENT DATABASE CONNECTIVITY

Details of the meeting:

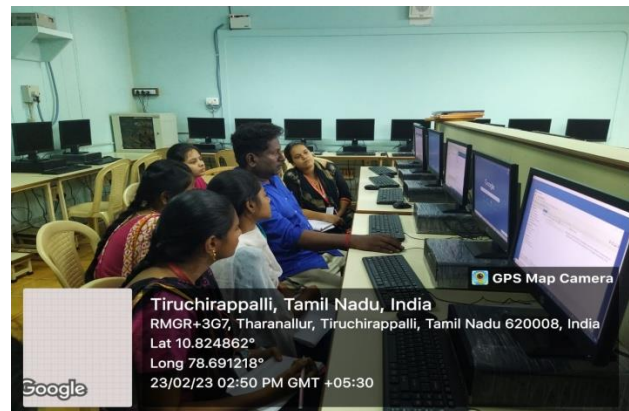
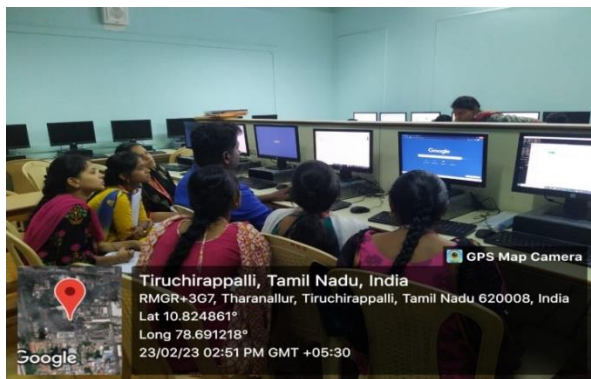
Date: 23-02-2023

No. of Resource Person: 1

No. of Participants: 17

Report Description:

The session was then handed over to Mr. K. Ramesh Kumar, IT Trainer, IPCS Global Solutions, Trichy. He initiated the session leading on, “**JAVA PROGRAMMING WITH DIFFERENT DATABASE CONNECTIVITY**”. Dr.P. Revathi, Assistant Professor and Head of the Department, has introduced about the workshop. The session was quickly started by refreshing the students with certain basis of java programming at computer lab. Moreover, he interacted with the students and explained about how the java programming connected with the database. Then, students are worked with the database to connect with the java program.



HEALTHY LIVING WITH MILLETS

Details of the meeting:

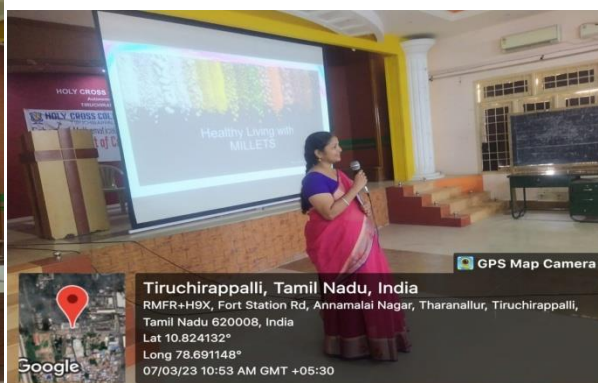
Date: 07- 03-2023

No. of resources person: 1

No. of participants: 154

Report Description:

The resource person, Mrs. Vasanthi Muralidharan, Healthy Living Proprietor, MMP Stores, Whole seller of the country drugs & millets, Dealer in herbs & spices, who took over the session interactively. She explained about the different types of Millets (such as Finger millet, Pearl millet, Foxtail millet etc) along with their benefits and importance. Also she made the session more informative by advising the students to lead a healthy life.



CYBERFEST'23– INTRA-DEPARTMENTAL COMPETITION

Details of the Competition:

Date: 20- 03-2023

No. of participants: 150

Report Description:

The PG Department of Computer Science organized a one-day Intra-Departmental Competition, CYBERFEST'23 on 20th March 2023 for students of B.Sc. and M.Sc. The day was initiated with God's blessings by the prayer service members. The Cyberfest'23 was inaugurated to share a mutual sportsmanship between all the students within the department and that intention was achieved more than we expected. Participants were asked to participate in the competitions like Paper Presentation, Poster Designing and Market your Product. Around 150 students participated in the various events mentioned above.

Dr. P. Revathi, Assistant Professor and Head of the Department of Computer Science was the Program Organizer and Ms. Mercy Rosary, PG Department of Computer Science was the Program Coordinator of the CYBERFEST'23. Dr. Bhuvaneshwari and Ms. Amala Deepa, Assistant Professors, were the In-Charges for Paper Presentation and it was conducted on 20th March 2022 between 09:30am-11:30am. Followed by a short break, the events continued. Ms. Magelin Mary, Asst. Prof., and Ms. Maria Eliza, Programmer, was the In-Charge for Poster Designing which was conducted on 20th March 2022 from 12:00pm- 01:00pm.

Ms. Kannammal, Asst. Prof., and Ms. Kulandai Priya, Programmer, was In-Charge of Market your Product. The event was conducted on 20th March 2022 between 01:00pm-02.00pm.

Dr. Juliet Catherine Angel, Assistant Professor, PG Department of Computer Applications presided over the valedictory function. She appreciated all the participants for their energetic participation regardless of winning or losing the events. Followed by that, she distributed the prizes and certificates to the respective winners.



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School of Mathematical Computation Sciences

PG Department of Computer Science

Organizes Intra-Departmental Technical Competition

CYBERFEST '23

Presided By



Rev. (Sr.) Dr. Christina Bridget, A.

Principal

Holy Cross College (Autonomous)
Tiruchirappalli - 620 002

Events



Paper
Presentation

Poster
Designing



Market
your
Product



Date : 20th March 2023
Time : 09: 30 AM.



Seminar Hall,
Mother Claudine Block,
HCC, Trichy