



**KARPAGAM**  
INSTITUTE OF TECHNOLOGY

Inspiring Innovation

Approved by AICTE and Affiliated to Anna University

Accredited by NBA (CSE, IT, ECE)

(An ISO 9001:2015 and ISO 14001:2015 Certified Institution)

# **KARPAGAM INSTITUTE OF TECHNOLOGY**

**COIMBATORE - 641 105**

**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING**

**NEWSLETTER  
INFOSCIENCE**

*VOL 7, ISSUE 2, 2023*

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# KARPAGAM INSTITUTE OF TECHNOLOGY

Karpagam Institute of Technology (KIT), one of the top Engineering colleges in Coimbatore, is founded by a far-sighted educationist, Dr. R. Vasantha Kumar, who with a noble aim, wanted to make higher education in engineering and technology accessible to everyone, the college is sited at NH47 near Eachnari, Coimbatore. It is a dream come true to build such a top quality Engineering college in Coimbatore.



The Engineering college stands out as a top, premier learning hub in Coimbatore with the mission of imparting excellence in top quality technical education and research. The college recognises the top performers and meritorious engineering students with educational scholarships. A team of dynamic faculty, diverse student community and the state-of-art facilities available in the premises brand the institution as a querencia. Engineering education is provided at its best in this college.

## VISION

To impart quality technical education emphasizing innovations and research with social and ethical values.

## MISSION

- Establishing state-of-the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.
- Creating a conducive environment for nurturing innovative ideas and encouraging research skills.
- Inculcating social and ethical values through co-curricular and extra-curricular activities.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## *HOD'S DESK*



**Dr.K.Karunambiga, M.E., Ph.D.**

Professor

Education empowers students to grow independently, long after the lessons are over. Building positive relationships with them enriches my teaching, as their diverse experiences spark curiosity and make learning exciting. These interactions provide opportunities to inspire, share knowledge, and foster a genuine love for learning, which is the heart of true education.

## VISION

To provide technical education in the field of Computer Science and Engineering by imparting employability, research capabilities, entrepreneurship with human values.

## MISSION

- Adopting innovative teaching learning practices through the state-of-the-art-infrastructure.
- Establishing a conducive environment for innovations and research activities.
- Inculcating leadership skills, moral and social values through extension activities.

## *EDITORIAL COMMITTEE*

***Mrs. R. SUBBULAKSMI, M.E***

ASSISTANT PROFESSOR

[subbulaksmi.cse@karpagamtech.ac.in](mailto:subbulaksmi.cse@karpagamtech.ac.in)

# ELECTED CLASS REPRESENTATIVES

The class representative is responsible for representing the interests of their classmates, and for ensuring that their ideas and concerns are heard and addressed. The class representative is a key link between the student council and the rest of the school, and they are responsible for communicating with their classmates and keeping them informed about what is happening in the student council and the school.

***II YR***

***ABISHEK  
GOKUL***

***III YR***

***KIRUBA E  
VIJAYASURIYAN***

***IV YR***

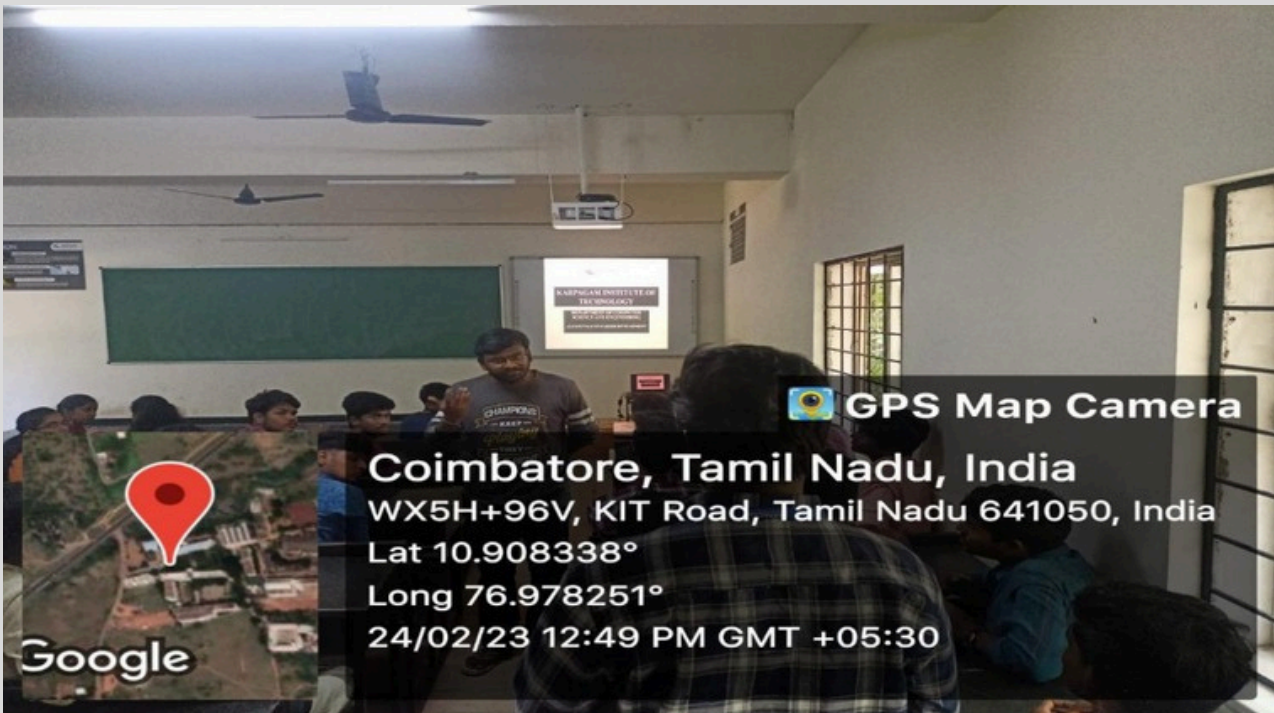
***ELAVARASAN E  
SUPRAJA S***

**"THE SUCCESSFUL WARRIOR IS THE AVERAGE MAN, WITH LASER-LIKE FOCUS."  
- BRUCE LEE**

# WEBINAR AND WORKSHOP ORGANIZED IN KIT

## ***1. ALUMNI INTERACTION PROGRAM - NEXT STEP IN CAREER DEVELOPMENT ON 24.02.2023***

ON BEHALF OF KIT, THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ORGANIZED AN ALUMNI INTERACTION PROGRAM ON 24.02.2023. MRS. C. KALPANA, AP/CSE, GAVE THE WELCOME ADDRESS AND INTRODUCED THE CHIEF GUEST TO THE GATHERING. THE SESSION WAS CONDUCTED BY OUR COLLEGE ALUMNUS, MR. LOGESHKANNAN, SENIOR DEVELOPER AT SYNECHRON. DURING THE INTERACTION, HE DISCUSSED SIGNIFICANT SKILLS AND PRACTICAL KNOWLEDGE, MOTIVATING STUDENTS TO BECOME PROFESSIONAL AND SUCCESSFUL ENGINEERS. HE INSPIRED ALL THE YOUNG MINDS WITH A DETAILED DISCUSSION ON THE NUMEROUS OPPORTUNITIES AND CAREER OPTIONS THEY COULD CHOOSE FROM, INCLUDING CLOUD TOOLS, TESTING, DATA SCIENCE, AND SOFTWARE DEVELOPMENT. HE ALSO EMPHASIZED THAT CAREER DECISIONS ARE AMONG THE MOST SIGNIFICANT CHOICES IN ONE'S LIFE, AND THEREFORE, THEY SHOULD NOT BE MADE UNDER PARENTAL COMPULSION OR PEER PRESSURE. HE ENCOURAGED THE STUDENTS TO TAKE MORE ONLINE COURSES BASED ON THEIR PERSONAL INTERESTS TO DEVELOP THE REQUIRED KNOWLEDGE IN THEIR CHOSEN FIELDS. ADDITIONALLY, HE MOTIVATED THE STUDENTS TO FOCUS ON THEIR PROJECTS, AS THEY PLAY A VITAL ROLE IN THEIR CAREERS. OUR STUDENTS ASKED MANY QUERIES ABOUT CAREER OPPORTUNITIES. FINALLY, THE INTERACTION CONCLUDED WITH A VOTE OF THANKS.



# MEMORANDUM OF UNDERSTANDING (MoU)



## Memorandum of Understanding (MoU) Signing Event - Department of Computer Science and Engineering Karpagam Institute of Technology, Coimbatore Academic Year: 2022-2023

The Department of Computer Science and Engineering at Karpagam Institute of Technology, Coimbatore, signed two significant Memorandums of Understanding (MoUs) for the academic year 2022-2023. The MoUs aim to enhance the academic and professional development of both students and faculty through collaborations with industry-leading institutions. The MoUs are set to pave the way for further consultancy services and other industry-academia engagements, which will mutually benefit both the institution and the partnering companies. These partnerships will enable the students and faculty of Karpagam Institute of Technology to actively participate in various knowledge-sharing events such as technical seminars, workshops, and guest lectures. Additionally, internship opportunities and faculty development programs have been designed to ensure that students and educators stay updated with the latest trends and technologies in the field of computer science.



The Department of Computer Science and Engineering at Karpagam Institute of Technology, Coimbatore, has signed two significant Memorandums of Understanding (MoUs) for the academic year 2022-2023. The first MoU was signed with **3 Q Technologies** on March 2, 2023. This partnership aims to offer students and faculty members various opportunities, including technical seminars, workshops, guest lectures, and internship training programs. Additionally, it features a faculty development program and consultancy services, focusing on closing the gap between academic learning and industry practices.

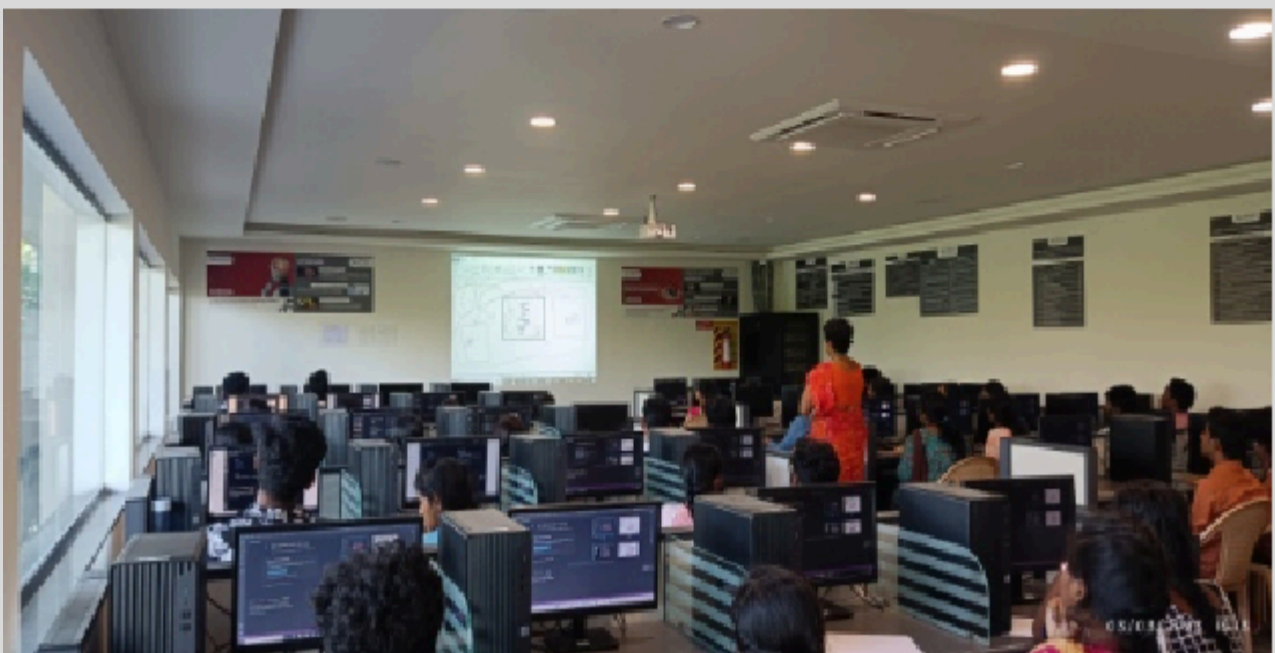
The second MoU was signed on February 23, 2023, with **BCBUZZ Technologies Private Limited**. This collaboration is similarly geared toward enhancing the skills and knowledge of students and faculty through industry-aligned programs such as technical sessions, workshops, and guest lectures. The partnership also facilitates internship opportunities and offers faculty development programs that ensure both students and educators remain updated with the latest technological advancements in the field of computer science.

Both these partnerships will not only benefit the institution but also create pathways for active engagement with industry experts, consultancy services, and further collaboration in knowledge-sharing endeavors. Through these MoUs, Karpagam Institute of Technology aims to foster stronger industry connections and prepare its students and faculty for the evolving demands of the tech industry.

## 2.WORKSHOP ON “WEB APPLICATION DEVELOPMENT”

The department of Computer Science and Engineering organized workshop on “Web Application Development” on 03.03.2023 (Friday) from 01.30 PM to 04.30 PM at C.V.Raman and Srinivasa Ramanujam Lab. Ms.Kaviya N, II CSE student gave welcome Address. NisarAhamed M II/CSE student introduces resource persons to the gathering. Mr.P.N.Ramesh, Assistant Professor/CSE, Karpagam Institute of Technology, Coimabtoe is our resource person for the workshop. The objective of the workshop is to made student able to create project with Django and Python In first session students gained knowledge about Web App development with Django as back end server and Python as front end, which makes it easier to build web pages using Python. In next session resource person demonstrated on how to install and create a Django project. Students learn enthusiastically through open source.FinallyMs. JyotiRekha Bora II CSE Student delivered vote of Thanks.





### ***3. GUEST LECTURE ON “COMPILER DESIGN” ON 15.03.2023***

On behalf of KIT, Department of Computer Science and Engineering, organized a Guest Lecture on 15.03.2023 (9.00 AM to 12.30 PM). Students from Third year were participated in Guest Lecture on “Compiler Design”. Resource Person of the lecture is Dr.S.Priya, Assistant Professor, Coimbatore Institute of Technology, Coimbatore.

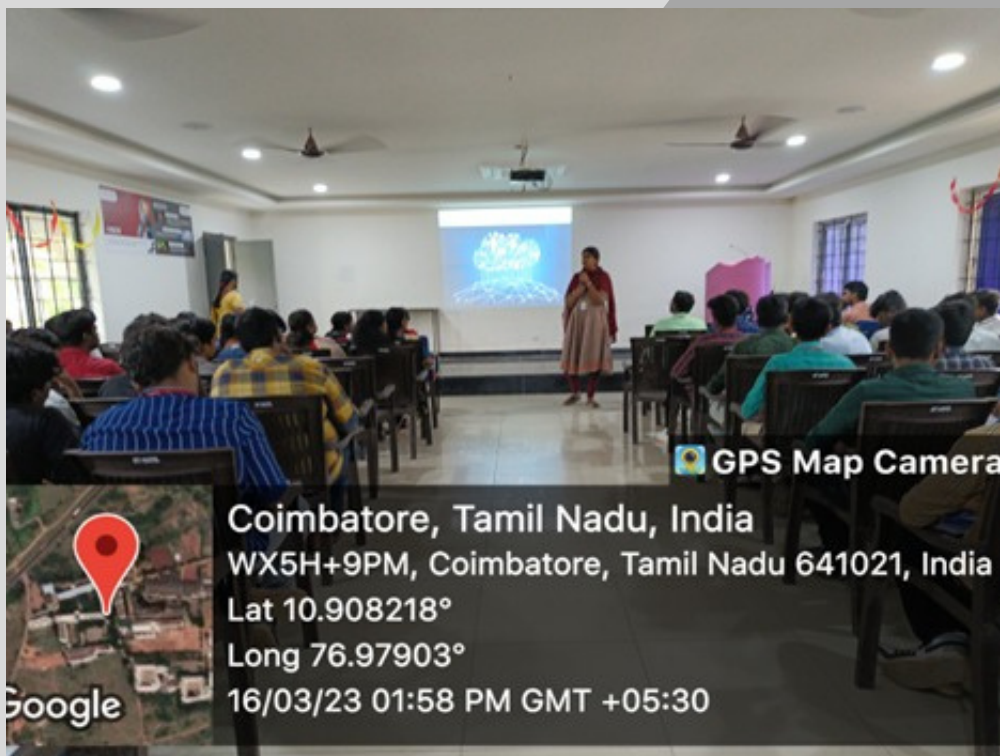
Mrs.S.Yamini, AP/CSE, delivered the welcome address to the Students and Faculty members and guest introduction was given. Resource Person explained parsing techniques and automated parser generation of syntax analyzer phase of compiler that helps students to learn about different parsing techniques. Problems based on different types of parsers were solved and also subtopics under parser were covered during the session. The phases of compiler and tools used in compilers were also covered in this session that will help students to be familiarized with the various tools that are used for building modern compilers. At the end of the session, Mr.C.Karthikeyan, AP/CSE delivered the vote of thanks.

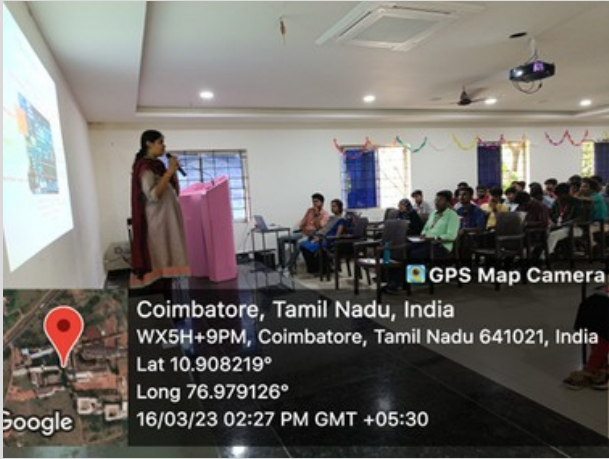


**Session handled by Resource Person – Dr.S.Priya**

# 4. SEMINAR ON DEMONSTRATION OF IOT ON 16.03.2023

The department of Computer Science and Engineering organized seminar on "Demonstration of IoT" on 16.03.2023 (Thursday) from 01.30 PM to 04.30 PM at B Block Seminar Hall. Mubasshira Muneer Ahamed, II CSE student gave welcome Address. Chethan S,II/CSE student introduces resource persons to the gathering. Ms.S.Srinitha, Embedded Software Developer, 3Q Technologies is our resource person for seminar. She demonstrates the implementation of project using Arduino, which is an open-source electronics platform. The 77 student participated and got benefited. At the end of the session students interacted and their doubts are cleared. Finally Ms. Jayasri M, II CSE Student delivered vote of Thanks.





Snap shots of resource person handling class



# 5. DATA ANALYTICS WORKSHOP ON 29.03.2023(FN)

On behalf of KIT, Department of Computer Science and Engineering, organized a workshop on 29.03.2023 (9.30 AM to 12.30 PM). Students from Second year were participated in this Workshop through online session at Sir CV Raman and Srinivasa Ramanujan Laboratory. Mrs.C.Kalpana,AP/CSE, delivered the welcome address to the Students and Faculty members.

This workshop makes students able to understand Data analytics aids companies and government organizations collecting data and make them identifying patterns in the data science. This also helps to generate better insights for the organization with regards to decision-making. Mr.N.Senthil Prabhu,AP/CSE delivered the vote of thanks at the end of the session.

The poster features the Karpagam Institute of Technology logo at the top, which includes a stylized 'K' and 'I' in blue and orange. Below the logo, the text reads 'KARPAGAM INSTITUTE OF TECHNOLOGY Inspiring Education'. The main title of the workshop is 'Workshop on Data Analytics', with 'Data Analytics' in a larger, bold font. The resource person is listed as 'Ms. Harini Akshaya, Trainer, BYJU's, Coimbatore.' The date and time are 'MAR 29 2023' and 'Time: 9.30 AM - 12.30 PM'. The venue is 'Sir CV Raman and Srinivasa Ramanujan Laboratory'. At the bottom, there are two columns of names: 'Conveners' (Dr. P. Manimaran, Dr. D. Bhanu, Dr. K. Karunambiga) and 'Coordinators' (Mrs. C. Kalpana, Mr. N. Senthil Prabhu). The footer contains the address 'L & T By pass road, Bodipalayam post, Eachanari, Coimbatore - 641105' and the website 'www.karpagamitech.ac.in'.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
Workshop on  
**Data Analytics**

RESOURCE PERSON  
**Ms. Harini Akshaya**  
Trainer, BYJU's, Coimbatore.

MAR  
29  
2023  
Time: 9.30 AM - 12.30 PM  
Venue: Sir CV Raman and Srinivasa  
Ramanujan Laboratory

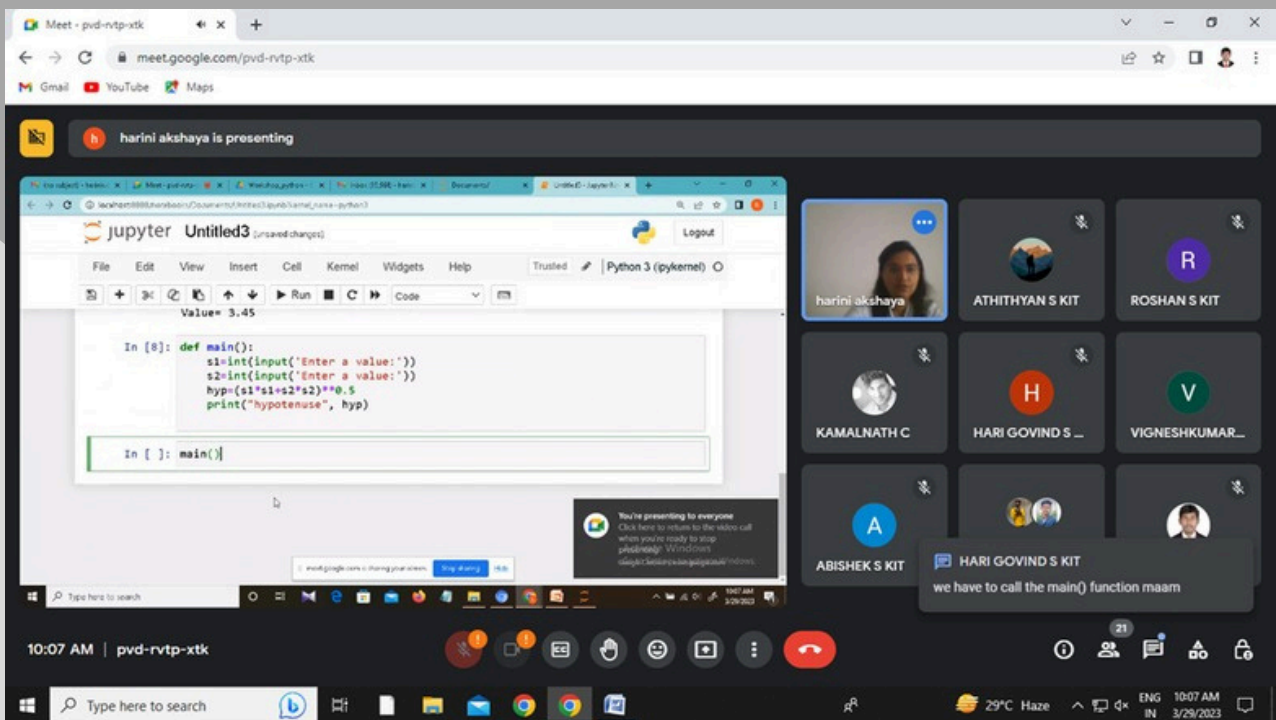
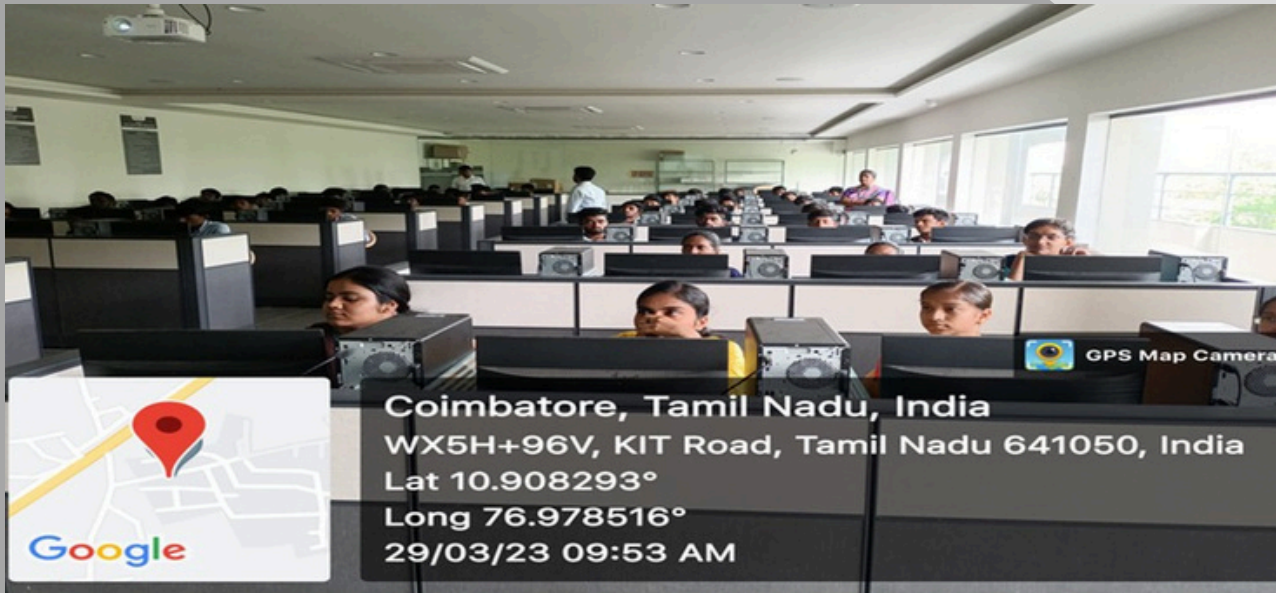
Conveners  
Dr. P. Manimaran  
Principal  
Dr. D. Bhanu  
Vice Principal  
Dr. K. Karunambiga  
HoD/CSE

Coordinators  
Mrs. C. Kalpana  
AP/CSE  
Mr. N. Senthil Prabhu  
AP/CSE

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# SNAP SHOTS OF RESOURCE PERSON HANDLING CLASS



# 6. DATA VISUALIZATION WORKSHOP ON 29.03.2023(AN)

On behalf of KIT, Department of Computer Science and Engineering, organized a workshop on 29.03.2023 (1.30 PM to 12.30 PM). Students from Second year were participated in this Workshop through online session at Sir CV Raman and Srinivasa Ramanujan Laboratory. Mrs.C.Kalpana,AP/CSE, delivered the welcome address to the Students and Faculty members. This workshop makes students able to understand Data visualization process about collecting, analyzing and interpreting information to create visual models. Visual representations of data can allow professionals to easily comprehend data figures, connections, patterns and trends within particular sets. Mr.N.Senthil Prabhu,AP/CSE delivered the vote of thanks at the end of the session.

The poster features the Karpagam Institute of Technology logo at the top center, with the tagline 'Inspiring Innovation' and accreditation details. Below the logo, the text reads 'DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING' and 'Workshop on Data Visualization'. The date 'MAR 29 2023' is displayed on the right side. The resource person is identified as 'Dr. Ramesh Ragala, Professor, VIT, Chennai'. The time and venue are listed as 'Time: 1.30 PM - 4.30 PM' and 'Venue: Sir CV Raman and Srinivasa Ramanujan Laboratory'. At the bottom, the names of the conveners and coordinators are listed. The footer contains the institute's address and website.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
Workshop on  
**Data Visualization**

MAR  
29  
2023

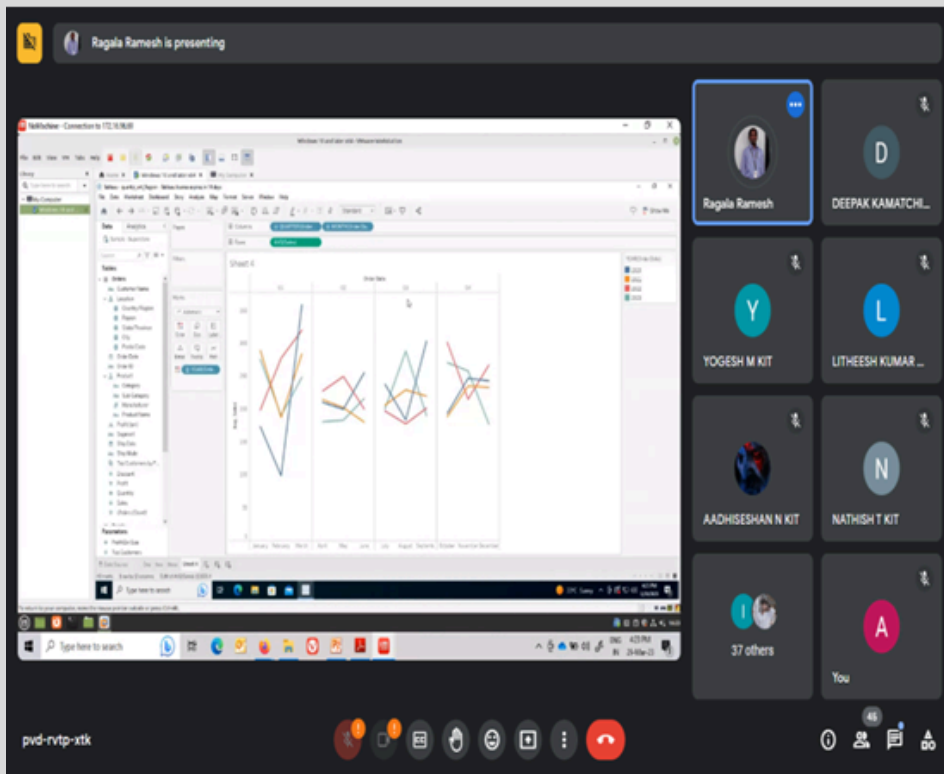
Time: 1.30 PM - 4.30 PM  
Venue: Sir CV Raman and Srinivasa  
Ramanujan Laboratory

RESOURCE PERSON  
**Dr. Ramesh Ragala**  
Professor, VIT, Chennai.

Conveners  
Dr. P. Mani maran, Principal  
Dr. D. Bhanu, Vice Principal  
Dr. K. Karunambiga, HoD/CSE

Coordinators  
Mr. P. N. Ramesh, AP/CSE  
Mrs. C. Kalpana, AP/CSE  
Mr. N. Senthil Prabhu, AP/CSE

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# 7. MACHINE LEARNING WORKSHOP ON 30.03.2023(FN)

On behalf of KIT, Department of Computer Science and Engineering, organized a workshop on 30.03.2023 (9.30 AM to 12.30 PM). Students from Second year were participated in this Workshop at Sir CV Raman and Srinivasa Ramanujan Laboratory. Mrs.C.Kalpana,AP/CSE, delivered the welcome address to the Students and Faculty members. This workshop makes students able to understand Data analytics aids companies and government organizations collecting data and make them identifying patterns in the data science. This also helps to generate better insights for the organization with regards to decision-making. Mr.N.Senthil Prabhu,AP/CSE delivered the vote of thanks at the end of the session.



The poster features a white robot arm holding a tablet displaying data charts. The background is a light blue world map. The text is in blue and black, with a dark blue footer containing contact information.

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DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

Workshop on  
**Machine Learning**

RESOURCE PERSON  
**Dr.Kannimuthu Subramanian**  
Professor, KCE, Coimbatore.

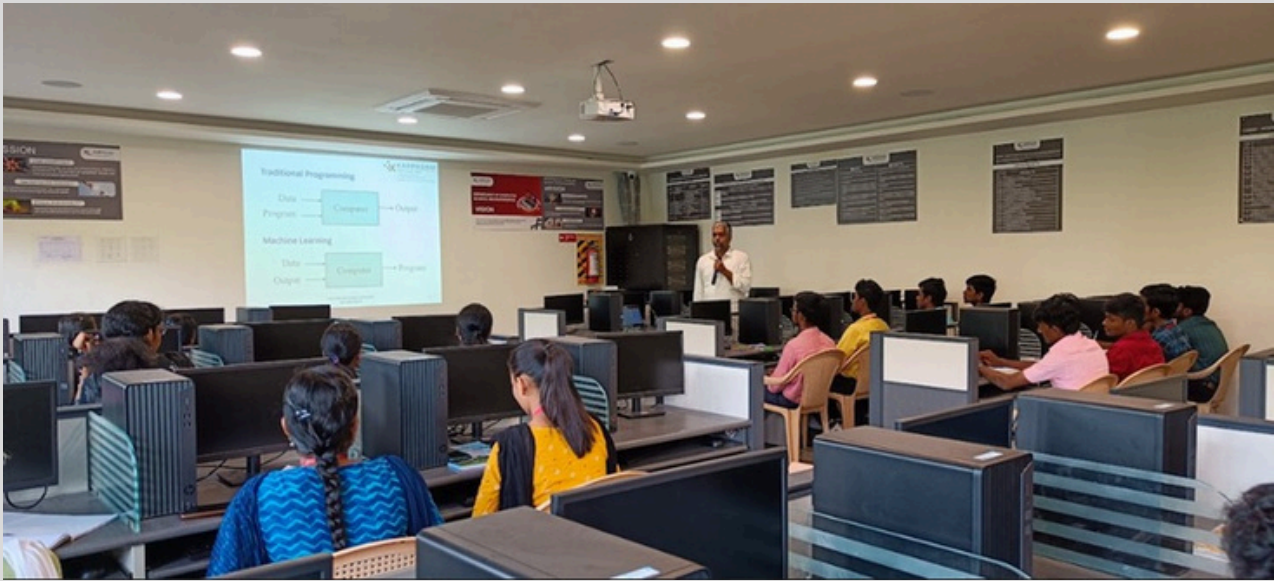
MAR  
**30**  
2023

Time: 9.30 AM - 12.30 PM  
Venue: Sir CV Raman and Srinivasa  
Ramanujan Laboratory

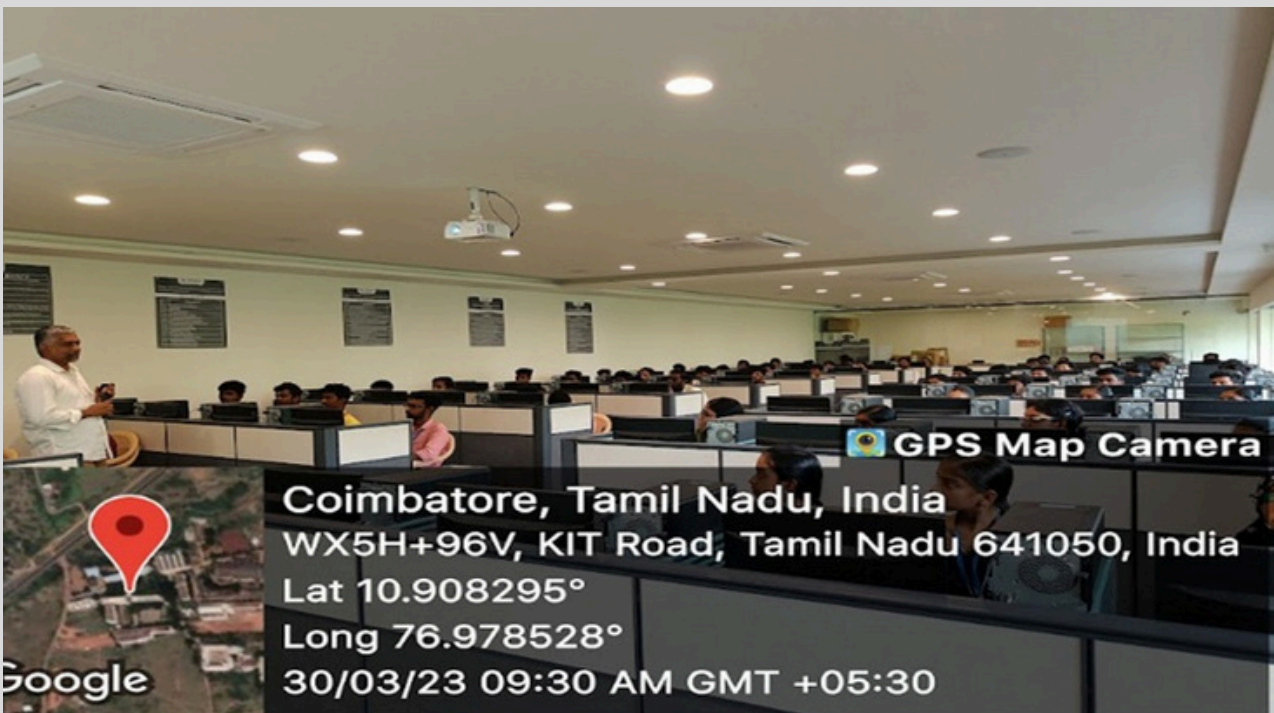
Conveners  
Dr. P.Manimaran (Principal), Dr. D.Bhanu (Vice Principal), Dr. K.Karunambiga (HoD/CSE), Mr. P. N. Ramesh (AP/CSE)

Coordinators  
Mrs. C. Kalpana (AP/CSE), Mr. N. Senthil Prabhu (AP/CSE)

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**Resource person Dr.Kannimuthu Sumbramaniyan initiated with Supervised Algorithm and UnSupervised Algorithm regarding Machine Learning Workshop**



**At last Professor Dr.Kannimuthu Subramaniyan ended the session with Question and Answer from participated second year students.**

# 8. AI IN HUMAN COMPUTER INTERACTION WORKSHOP ON 30.03.2023 (AN)

On behalf of KIT, Department of Computer Science and Engineering, organized a workshop on 30.03.2023 (1.30 PM to 04.30 PM). Students from Second year were participated in this Workshop through offline session at Sir CV Raman and Srinivasa Ramanujan Laboratory. Mrs.C.Kalpana,AP/CSE, delivered the welcome address to the Students and Faculty members. This workshop makes students able to understand Human-Computer Interaction (HCI) is a field that has been combining AI and human-computer interaction in order to produce an interactive intelligent system for user interaction for the past few years. This workshop will focus on the use of AI, HCI, and XAI in many fields, and the importance of tasks such as recognizing spoken words (speech recognition),visual classification and perception (computer vision) and understanding user meaning (natural language understanding). Mr.N.Senthil Prabhu,AP/CSE delivered the vote of thanks at the end of the session.

The poster features the Karpagam Institute of Technology logo at the top left, with the text 'KARPAGAM INSTITUTE OF TECHNOLOGY Inspiring Education' and accreditation details. The department name 'DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING' is at the top right. The main title 'Workshop on AI IN HUMAN COMPUTER INTERACTION' is centered. A graphic of a white robot holding a smartphone is on the right. The date 'MAR 30 2023' and time 'Time: 2.30 PM - 4.30 PM' are in the bottom right. The resource person 'Mr.C. Karthikeyan AP/CSE, KIT, Coimbatore.' is listed. The bottom section lists conveners (Dr. P. Manimaran, Dr. D. Bhanu, Dr. K. Karunambiga, Mr. P. N. Ramesh) and coordinators (Mrs. C. Kalpana, Mr. N. Senthil Prabhu). The footer contains the address and website: 'L & T By pass road, Bodipalayam post, E. Achanari, Coimbatore - 641105 | www.karpagamtech.ac.in'.

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Accredited by NBA, CSE, SI, COE  
(A-100/0407/2017 and 02/1/050/2019) Coimbatore

DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

Workshop on  
**AI IN HUMAN  
COMPUTER  
INTERACTION**

RESOURCE PERSON  
**Mr.C. Karthikeyan**  
AP/CSE, KIT, Coimbatore.

MAR  
**30**  
2023

Time: 2.30 PM - 4.30 PM  
Venue: Sir CV Raman and Srinivasa  
Ramanujan Laboratory

Convener  
Dr. P. Manimaran  
Principal

Convener  
Dr. D. Bhanu  
Vice Principal

Convener  
Dr. K. Karunambiga  
Ho/CSE

Convener  
Mr. P. N. Ramesh  
AP/CSE

Coordinator  
Mrs. C. Kalpana  
AP/CSE

Coordinator  
Mr. N. Senthil Prabhu  
AP/CSE

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**Resource person Mr.C. Karthikeyan initiated Artificial Intelligence in Human Computer Interaction interactive with intelligent system for user interaction for the past few years**

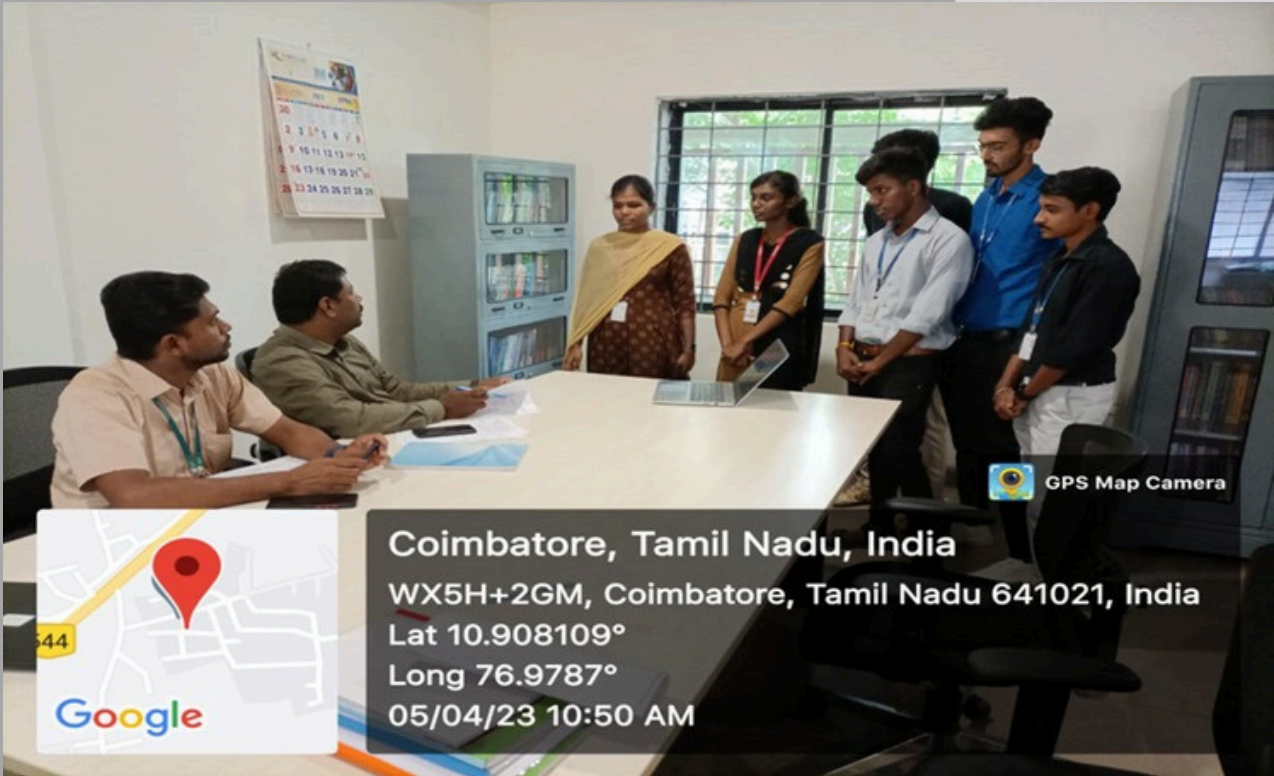


**At last workshop ended the session with Question and Answer from participated second year students. Queries are answered by Mr.C. Karthikeyan (Resource Person)**

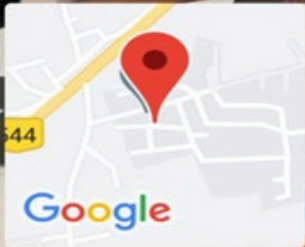
## **9. INTERNAL HACKATHON – KAVACH 2023” ON 05.04.2023**

The Department of Computer Science and Engineering organized “Internal Hackathon – KAVACH 2023”. Mr.M.Maharaj, Founder and CEO, BCBUZZ Technologies Pvt Ltd, Coimbatore acted as an External Jury Member and Dr.NallaKumar, Prof and Head AI&DS, acted as an Internal Jury Member. It is conducted to identify innovative ideas for addressing the security challenges of the 21st century faced by our intelligence agencies. The students of various departments like Artificial Intelligence and Data Science, Computer Science and Engineering, Electronics and ommunication Engineering, and Information Technology has participated in the internal hackathon. The presentation was given by all batches. In their presentation they showered their innovation ideas for problem statement. Reviewers gave suggestion to refine their solution. Finally 9 batches were selected to submit their solution for the given problem statement in KAVACH 2023.

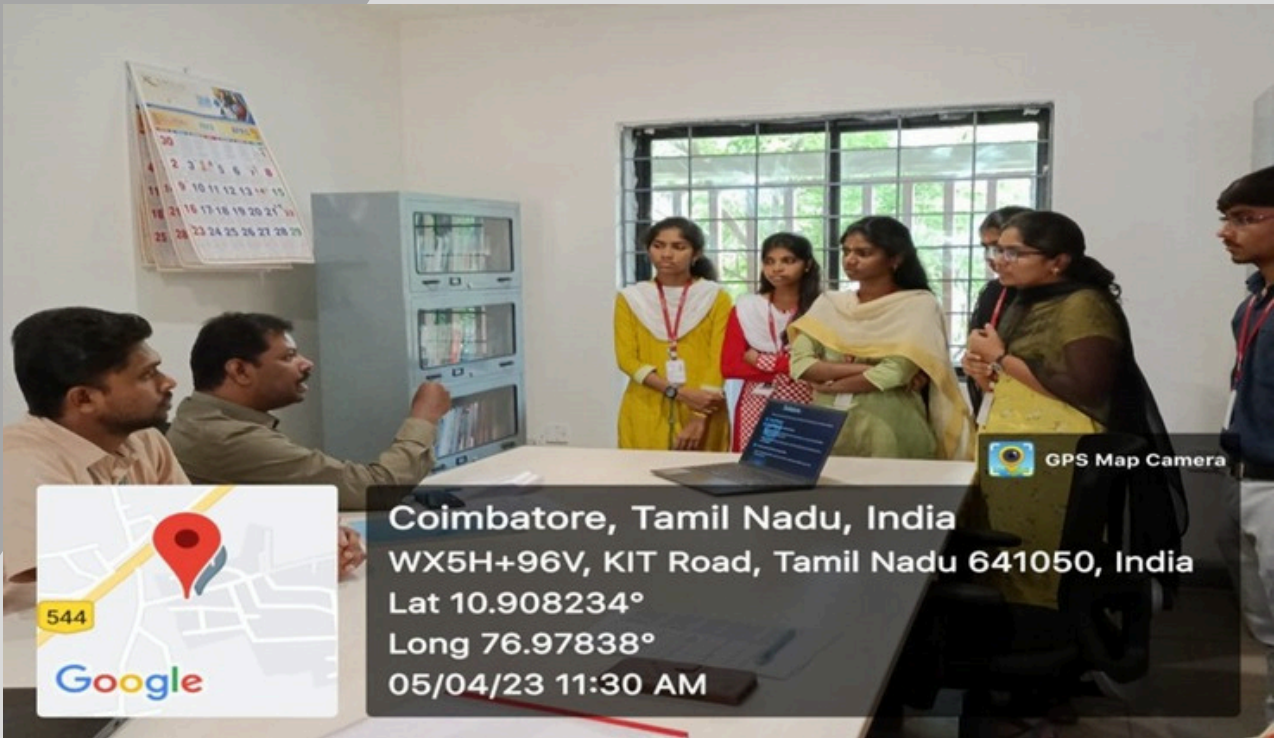




GPS Map Camera



Coimbatore, Tamil Nadu, India  
WX5H+2GM, Coimbatore, Tamil Nadu 641021, India  
Lat 10.908109°  
Long 76.9787°  
05/04/23 10:50 AM



GPS Map Camera



Coimbatore, Tamil Nadu, India  
WX5H+96V, KIT Road, Tamil Nadu 641050, India  
Lat 10.908234°  
Long 76.97838°  
05/04/23 11:30 AM

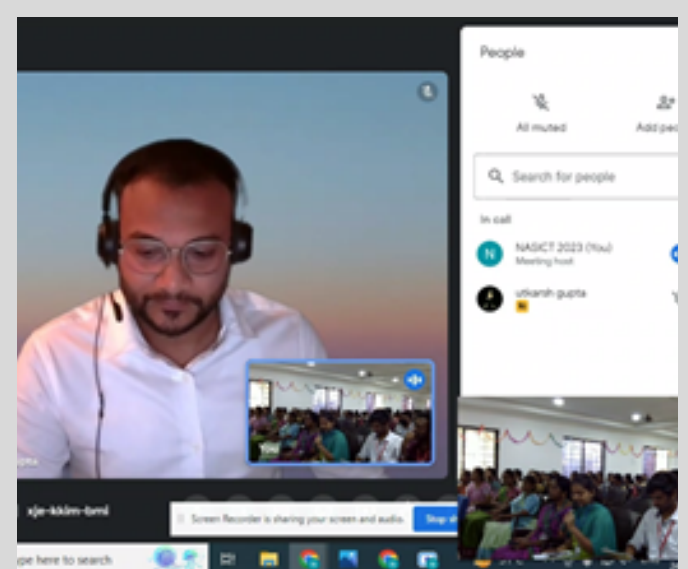
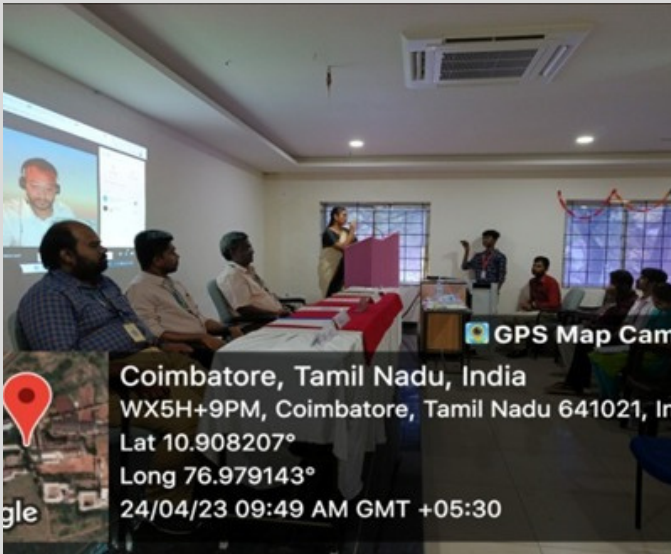
## **10. NATIONAL E-CONFERENCE ON ARTIFICIAL INTELLIGENCE, CYBER SECURITY, IOT & COMPUTING TECHNOLOGIES- NASICT'23 ON 24.4.2023**

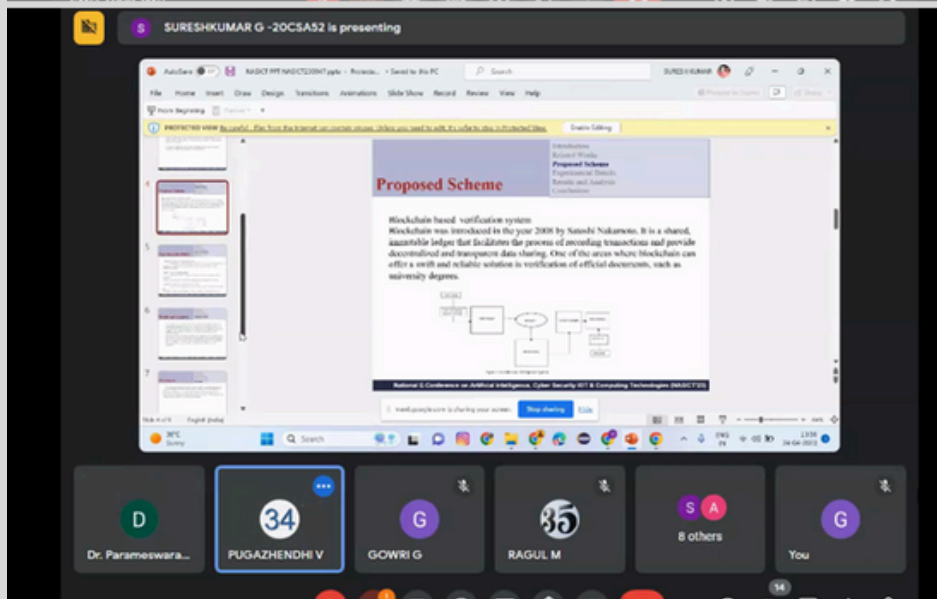
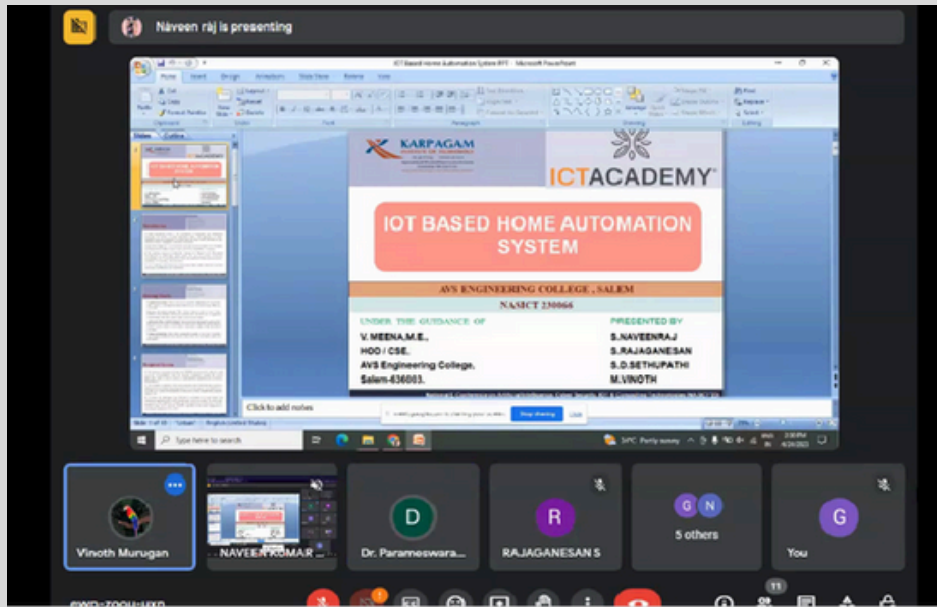
The department of Computer Science and Engineering, Information Technology, and Artificial Intelligence organized National E-Conference on Artificial Intelligence, Cyber Security, IOT & Computing Technologies-NASICT'23 in collaboration with ICT Academy to offer the platform to share the innovative ideas of researcher from various computing domain. The conference facilitates academicians, researchers, industrialist and students to present their research issues, challenges and latest advances. We inaugurated E- Conference on B Block Seminar Hall. The program started with prayer song Mrs. C.Kalpana AP/CSE delivered welcome address. Dr. P.Manimaran, Principal delivered inaugural address. In his address he appreciated departments of AI&DS, CSE, and IT for creating platform to students and faculty to share their innovative ideas. Resource Person for E-Conference is UTKASH GUPTA, Project / Delivery Manager, EPAM Systems, Netherland. He in his chief guest address he in his words he encourage the students and research scholars and faculties for doing research. He insisted that computing sciences is an emerging technology. We received 70 papers. Out of that 60 papers are selected for presentation. The mode of presentation is online. The 52 papers are published in IJRAR journal and selected 8 papers are submitted for ICT journals. At the end of inauguration Mrs. M.Sudha, AP/IT delivered vote of thanks.

# SESSION CHAIR

1. **Dr.G. Arulkumaran**, Associate Professor, School of Computing and Information Technology, Reva University, Bengaluru
2. **Dr. D. Brindha**, Assistant Professor, Department of Computer Science and Engineering, Karunya Institute of Technology and Sciences, Coimbatore.
- 3.**Dr. M. Ananthi**, Associate Professor, Department of Information Technology, KGiSL Institute of Technology, Coimbatore.
- 4.**Dr. P. Chinnasamy**, Associate Professor, MLR Institute of Technology, Hyderabad.
5. **Dr. T. Parameswaran**, Associate Professor, Department of Computer Science and Engineering, School of Engineering and Technology, CMR University, Bangalore.
6. **Dr. A. Priyadharshini**, Assistant Professor, Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore.
7. **Dr. K. C. Rajeshwari**, Associate Professor, Department of Computer Science and Engineering, Sona College of Technology, Salem.
8. **Dr. A. C Sumathi**, Head, Department of Artificial Intelligence and Data Science, KPR Institute of Engineering and Technology, Coimbatore

# Snapshot of Inauguration NACSIT 23



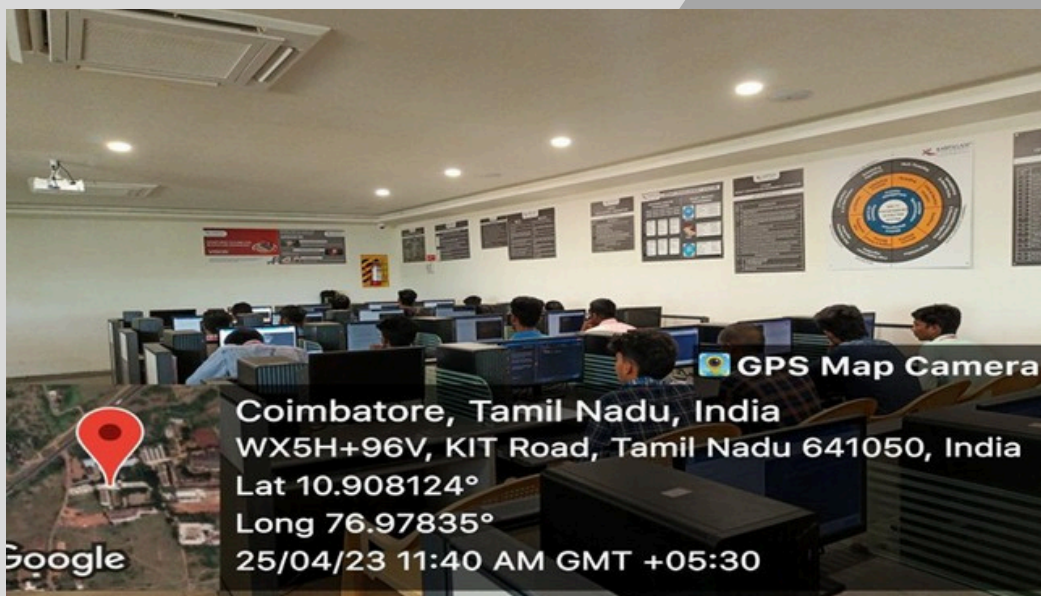
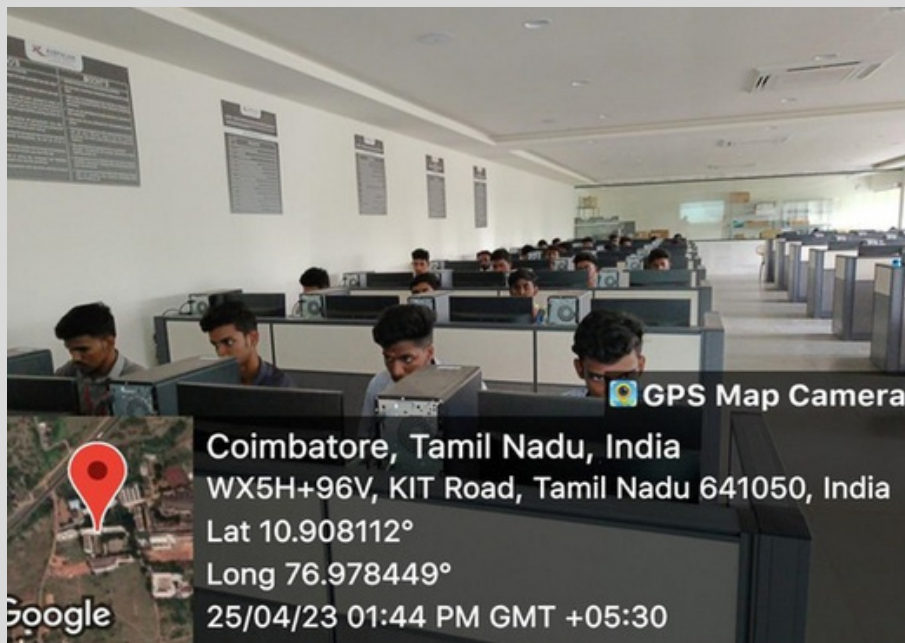


Screen Shots during Session

# CLUB ACTIVITY

## INTRA COLLEGE CODING HACKATHON ON 25.04.2023

On behalf of KIT, Department of Computer Science and Engineering, organized an Intra College Coding Hackathon on April 25, 2023 (9.00 AM to 04.00 PM). Students in II and III years from various departments participated in this event. During forenoon session, students of second and third year joined in a separate link and solved problems and in afternoon sessions, the same procedure was followed with different link. Based on students scores, the first three places were awarded for the second and third years separately.



Students in Hackathon event

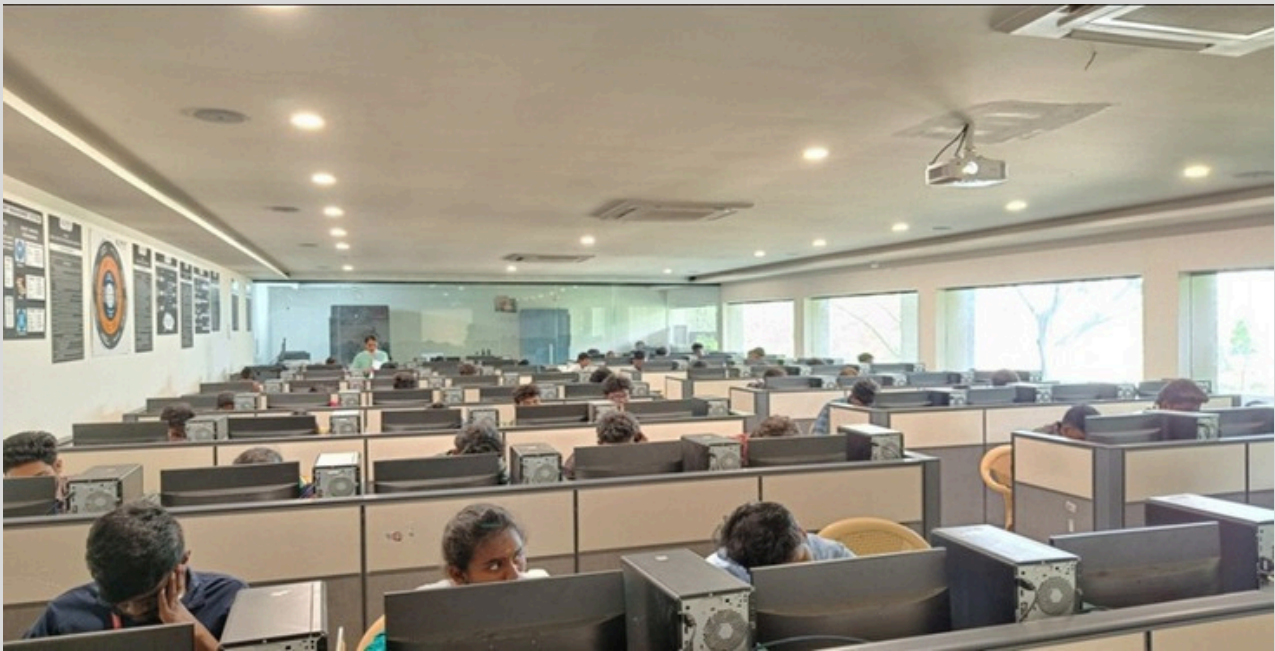
# **ASSOCIATION ACTIVITY**

## **TECHNICAL QUIZ ON “CAMP CHAMP” ON**

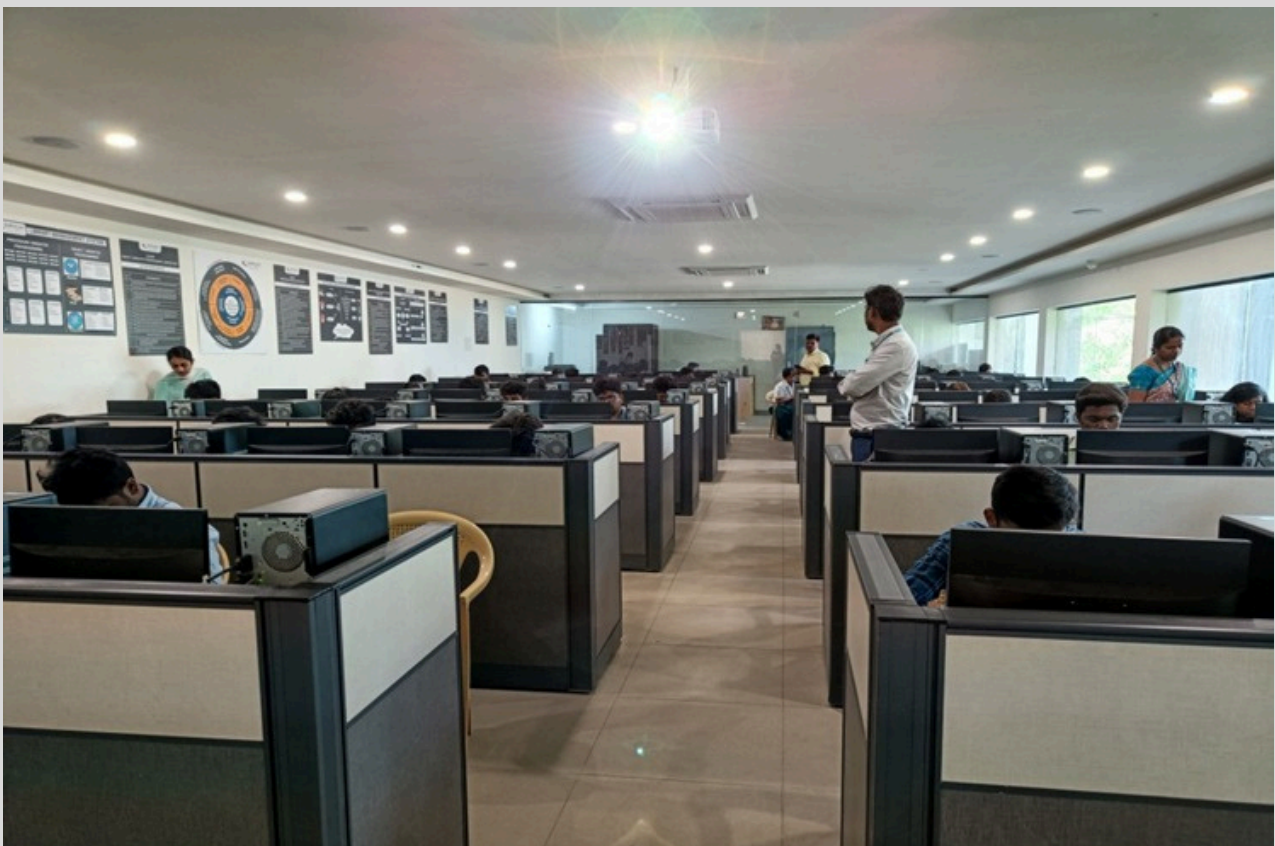
### **14.03.2023**

On behalf of KIT, Department of Computer Science and Engineering in association with TECHTRONAUTZ organized a Technical Quiz on 14.03.2023 (9.00 AM to 12.30 PM). Students from Third year were participated in this Technical Quiz through Camp Champ. Mrs.C.Kalpana, AP/CSE, delivered the welcome address to the Students and Faculty members. She gave instructions to the students about Technical Quiz and its selection process.

This program will help the students to encourage fun learning methods and also enhancing general knowledge. Students can "think outside the box" or from diverse perspectives by participating in quiz tournaments. Collect the area of interest from the students. Based on their interest they attend first round with timing of 30 Minutes. 16 students were shortlisted from first round. Second round selected ten students were participated in Kahoot and performed in Quiz.The Technical Quiz ended with selecting best three students with awarding prizes for them. Mr.N.SenthilPrabhu, AP/CSE delivered the vote of thanks at the end of the session.



**Students are participated in Technical Quiz in C.V.Raman and Ramanujan Laboratory**



**Students are monitored by our Faculty Members  
Mr.P.N.Ramesh, Mrs.C.Kalpna and Mr.N.Senthil Prabhu**



# FACULTY DEVELOPMENT PROGRAM

## WEBINAR ON HOW TO WRITE EFFECTIVE RESEARCH PAPER ON 28.01.2023

Dr. P. Chinnasamy, Associate Professor/CSE, MLRIT, Hyderabad is our resource person for webinar. In first Session, the simple methods to read and write the research papers in short duration were disseminated by the resource person. The structure of research paper and the way of writing survey paper was discussed in second Session. The 15 faculty members are participated and got benefited.



# INDUSTRIAL VISITS



*INNOVATING WITH QUALITY AND VALUE, FOREVER*

The Fifty six students of III CSE visited KAYNES TECHNOLOGY, Plot No. 339, Hebbal Industrial Area, Mysore - 570016, as a part of Industrial Visit on 14/04/2023. Mrs. C. Kalpana, AP/CSE and Mr. P. Vigneshkumar, AP/CSE coordinated the industrial visit along with the students.

As soon as the students reached the Company, the human resource department head Mr. Manojkumar welcomed the students and explained about the dos and do nots inside the company. Students were divided into teams and taken by each team leader to the various manufacturing units of Integrated Circuits and explained the process carried over. The company people explained the role of computer science and engineering student in the production of Integrated Circuits. They also explained various phases in the development process and different machines involved in the production. The experts explained the role of robots and internet of things in the process. They also implied the opportunities that a computer science and engineering students holding. The team leaders also explained the clients of their company and different projects they are doing for their clients.

The industrial visit to KAYNES Technology was of joyful along with gaining of knowledge regarding Internet of Things, Role of Robotics and Production management. It brought out an exposure to students become a power packed engineer



**Introduction session given by Company human resource head Mr. Manojkumar**



# Students listening to the process engineering works and importance explained by team heads



# INDUSTRIAL VISITS



The Fifty Four students of II CSE visited Dream Buzz Solutions 291/A KIADB, Hebbal Industrial Estate, Mysuru, Karnataka 570027, as a part of Industrial Visit on 17/03/2023. Mr.N.Senthil Prabhu AP/CSE and Mrs.S. Yamini AP/CSE coordinated the industrial visit along with the students.

As soon as the students reached the Company, the expert of Dream Buzz Solutions team accompanied students into seminar hall and preceded the seminar on topic "IT Technologies related to Digital Marketing, Project Management Techniques". The expert teach us about Digital Marketing were it can be used for developing E-commerce websites for categories in Europe and Middle East Market. It also provides services like banking software like ICICI, HDFC, Core Banking Application projects and Artificial Intelligence projects, etc. The functions of web developers include developing E-commerce websites and Project management techniques in technologies.

Role of a Digital Marketing Process were explained as very talented professional with specialist training in online marketing carried out in Europe and Middle East countries, Mr. Suresh and Mr. Chinton arranged visiting each department inside the company and an demo showed regarding Web application development process and realizes how to target customers in the proper ways to see the results in business needs. The expert inform about how a part of advertisement is took part.

The industrial visit to Dream Buzz was of joyful along with gaining of knowledge regarding Artificial Intelligence Projects and making advertisement and marketing. It brought out an exposure to students become an entrepreneur rather than academics by giving a chance to know the application of knowledge gained in their life.



Students Are attending the “Digital marketing” session along with Company startups



Finally queries of the students are answered from Techie persons from Dream Buzz Solutions



# FACULTY DEVELOPMENT PROGRAMMES

**Dr.K.Karunambiga, M.E., Ph.D.**

Professor

**PROGRAMS ATTENDED:**

- NPTEL FDP on Ethical Hacking
- STTP course on AI & IoT in Biomedical Engineering

**Dr.A.Sabanayagam,Ph.D.**

Professor

**PROGRAMS ATTENDED:**

- Machine Learning in Big Data applications and security Challenges

**Mr. C. KARTHIKEYAN, M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- NPTEL FDP on Outcome Based Pedagogic Principles for Effective Teaching

**Mrs. C. KALPANA, M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- Digital Marketing course
- Application of Machine Learning and Artificial Intelligence in research and innovations

**Mr.P.Vignesh Kumar,M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- Application of Machine Learning and Artificial Intelligence in research and innovations
- Outcome Based Pedagogic Principles for Effective Teaching

**Dr.S.Sharavanan,Ph.D.**

Professor

**PROGRAMS ATTENDED:**

- Machine Learning with Big Data applications and security challenges



**Mrs. P. G. BANUPRIYA, M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- FDP on Pedagogical Excellence in ELT
- FDP on Machine Learning in Big Data Applications and Security Challenges

**Mr. N. SENTHIL PRABHU, M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- FDP on Machine Learning in Big Data Applications and Security Challenges

**Mrs. R. SUBBULAKSHMI, M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- FDP on Pedagogical Excellence in ELT
- FDP on Data Science and its Engineering Applications

**Dr.R.Manikandan,Ph.D.**

Professor

**PROGRAMS ATTENDED:**

- Data Science and its Engineering Applications

**Mr.P.N.Ramesh,M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- Machine Learning in Big Data Applications and Security Challenges

**Mrs.K.Kalaiselvi,M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- Machine Learning in Big Data Applications and Security Challenges

**Mrs.N.Suganya,M.E.**

Assistant Professor

**PROGRAMS ATTENDED:**

- Machine Learning in Big Data Applications and Security Challenges

# JOURNAL PUBLICATIONS



**Dr.K.Karunambiga, M.E., Ph.D.**

## **AUTHORS:**

G. Kannan, **Karunambiga K**  
P. J. Sathish Kumar, Francis H. Shajin

**TITLE OF THE PAPER:** Detection of COVID-19 patient based on attention segmental recurrent neural network (ASRNN) Archimedes optimization algorithm using ultra-low-dose CT images

## **NAME OF THE JOURNAL:**

Concurrency and Computation: Practice and Experience

### **DOI No.**

DOI: 10.1002/cpe.7705

### **Journal Category:**

SCI

## **LINK TO ARTICLE/PAPER:**

1. [https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=5fqgZjcAAAAJ&citation\\_for\\_view=5fqgZjcAAAAJ:ufrVoPGSRksC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=5fqgZjcAAAAJ&citation_for_view=5fqgZjcAAAAJ:ufrVoPGSRksC)
2. <https://doi.org/10.1002/cpe.7705>

# STUDENTS ACHIEVEMENTS

## PLACEMENTS

### **ACCENTURE**

*DEEPANRAJ L*

### **AERELE**

*DHINESH S*

### **CTS**

*AKSHAYA PRISHA P  
LAKSHMAN PRASAD R  
LOGESH P  
SWATHI LAKSHMI M  
YESWANTH S  
YOGESH M*

### **TCS**

*ASHWIN B  
PONGOKULADHARSHINI B  
PRADEEPA S  
SUGESH G*

### **CHAINSYS**

*DEEPANRAJ L*

### **EXALCA**

*DHINESH S*

### **GYANMTARIX**

*KAVIYA S  
VISHNUDHARSHINI P*

### **INFOSYS**

*HRITHICK C  
SAJEESH K*

### **MOONRAFT**

*SANGEETHA M  
VIKASH V*

### **RIO BUSINESS SOLUTIONS**

*SANJAI BALAJI N*

### **THOUGHTBEES**

*VINOD KUMAR H*

### **ZOHO**

*NANDHA KUMAR A  
SUBHASHRI S*

**WIPRO**  
*GOKUL S K*

# STUDENTS PARTICIPATION

**E ELAVARASAN**  
IV - CSE

**SANMATHI M**  
IV - CSE

**INTERNATIONAL CONFERENCE ON ADVANCED  
COMPUTING TECHNOLOGY (ICAT '23)**

VELAMMAL COLLEGE OF ENGINEERING AND  
TECHNOLOGY, MADURAI

**PUBLISHED PAPER**

III - CSE

**THULASIMANI S**

**YAGAVI K**

**PREETHI B**

**KIRUBA E**

**JEEVITHA V**

**SIVARANJANI T**

**FLEETA RINI V**

**VYSHNAVI B**

**KARTHIKAYANI G**

**STAR HACK – ERA**

GOVERNMENT COLLEGE OF TECHNOLOGY,  
COIMBATORE.

**PARTICIPATED**

III - CSE

**PRAVEEN V G**

**SOWMYA D**

**KRISHNAPRIYA M**

**NUSRAT JAHAN S**

**YUGAM 2023 - UI/UX DESIGN**

KUMARAGURU COLLEGE OF TECHNOLOGY

**PARTICIPATED**

III - CSE

**SAKTHI KUMAR P**

**SANTHOSH B**

**HACKATHAN**

**PARTICIPATED**

**DHANAVEL P**

**ROSHAN S**

**DIVIT E G**

**SHALINI R**

**ROSHINI R**

**KAVIYA N**

**JAYASRI M**

**KRISHNAPRIYA M**

**BALAMURUGAN A**

**SINDHUJA R**

**VARSHINI G**

**GOWRISHANKER A**

**JYOTI REKHA BORA**

**SIVARANJANI T**

**THULASIMANI S**

**SURESHKUMAR G**

**JEEVITHA V**

**PREETHI B**

**SINDHUJA D**

**THRISHAN A**

**FLEETA RINI V**

**KARTHIKAYANI G**

**VYSHNAVI B**

**RITHIK KUMAR RAGAVAN M**

**MUBASSHIRA MUNEER AHAMED**

**INTERNAL HACKATHON KAVACH 2023**

**KARPAGAM INSTITUTE OF TECHNOLOGY**

**PARTICIPATED**

II - CSE

AADHISESHAN N  
ABDULMALIK M  
ABINESH S  
ABISHEK S  
ANTO AJIN AJ  
ARAVINDH A  
ARCHANA R  
ARUN S  
ASWIN S  
ATHITHYAN S  
BARATH M  
BAVITHRA RAJ M  
CHETHAN S  
DEEPAK KAMATCHI P  
DHANAVEL P  
DIVIT E G  
GOKUL R  
GOWRISHANKER A  
HARI GOVIND S  
ILAKKIYAA R K  
JAYASRI M  
JEEVANANTHAM S  
JYOTI REKHA BORA  
KARAN G  
KARUNYA M  
KAVIN M  
KAVIYA N

WORKSHOP ON WEB APPLICATION  
DEVELOPMENT

KARPAGAM INSTITUTE OF TECHNOLOGY

PARTICIPATED

**II - CSE**

**RAGUL M**

**REVAN R**

**REVANTH R**

**MURALI V**

**NATHISH T**

**KEERTHANA. G**

**KISHORE KANNAN. R**

**KISHORE KUMAR M**

**KUGANESH S**

**LITHEESHKUMAR G**

**MADHAN R**

**MANIKANDAN. N**

**MARIA RIJA A**

**MITHUN M**

**MOHAMMED AAKHIL. M**

**MOHAMMED HARSHAD N**

**MUBASSHIRA MUNEER AHAMED**

**NISAR AHAMED M**

**NITHISH KUMAR M**

**RISHIKANTH R**

**ROSHAN S**

**ROSHINI R**

**SANGEETHA N**

**SANGEETHNATHAN U**

**WORKSHOP ON WEB APPLICATION  
DEVELOPMENT**

**KARPAGAM INSTITUTE OF TECHNOLOGY  
PARTICIPATED**



II - CSE

**SARAN J**  
**YOGESH M**  
**PRADEEP A**  
**SHALINI R**  
**SHREEJITH K**  
**SIVA S**  
**SOORYA PRASAD S**  
**SOUNDHARYA P**  
**VISHNUPRIYAN S**  
**SELVA BHARATHI S**  
**KAMALNATH C**  
**PREM KUMAR A**  
**RANJITH R**  
**SRI HARI KRISHNA J**

**WORKSHOP ON WEB APPLICATION  
DEVELOPMENT**

KARPAGAM INSTITUTE OF TECHNOLOGY

**PARTICIPATED**

II - CSE

**MANIKANDAN. N**  
**CHETHAN S**  
**VISHNUPRIYAN S**

**WORKSHOP ON RECENT TRENDS IN ELECTRIC  
VEHICLES**

KARPAGAM ACADEMY OF HIGHER  
EDUCATION

**PARTICIPATED**

“LIFE SHOULD BE GREAT RATHER THAN LONG”. “CULTIVATION OF MIND SHOULD BE THE ULTIMATE AIM OF HUMAN EXISTENCE”. “IF YOU BELIEVE IN LIVING A RESPECTABLE LIFE, YOU BELIEVE IN SELF-HELP WHICH IS THE BEST HELP”.

- BHIMRAO RAMJI AMBEDKAR