

KARPAGAM INSTITUTE OF TECHNOLOGY
COIMBATORE -641 105

NEWSLETTER

INFOSCIENCE

VOL 6 | ISSUE 2 | 2022

CSE

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

HOD's DESK

- ❖ The gains in education are never really lost. The object of teaching a student is to enable him to get along without his teacher.
- ❖ Building positive relationships with students bring me joy.
- ❖ It is their needs and diverse experiences that make my job exciting and rewarding and gave me a wonderful opportunity for exchanging and sharpening the knowledge for stimulating interest and curiosity in a variety of subjects which are essential to true education.

Dr. P. MayilvelKumar M.E., Ph.D

INSTITUTE VISION AND MISSION 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 VISION AND MISSION 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-infrastructure.
- ❖ Establishing a conducive environment for innovations and research activities.

- ❖ Inculcating leadership skills, moral and social values through extension activities.

Editorial Committee:

Dr.A.Sabanayagam

Nandhakumar.A (IV-CSE)

Mr.P.N.Ramesh

Pradeepa.S (IV-CSE)

Madhan Raj A R (III-CSE)

Sushvin M (III-CSE)

MOU'S SIGNED

**Karpagam Institute of Technology has signed an MOU with Visaithalam Solutions on
27-05-2022**



The faculty members and industry experts have discussed opportunities and required training in the field of Cyber Security, Data Science, App Development, and Digital Marketing in the Institute-Industry meeting. We are excited to work with them and create more opportunities for our students for a better future.

SEMINARS, SYMPOSIUMS, GUEST LECTURES AND WORKSHOPS ORGANIZED

CSE Department conducted the workshop on “Innovative Technologies in Software Development Models” on 23.04.2022.



Resource person sharing about Software development models



Resource person sharing about technologies used in software development models

Department of Computer Science and Engineering organized a Workshop on Innovative Technologies in Software Development Models on 23.04.2022. Mrs.C.Kalpana, AP/CSE gave welcome address and Ms.E.Kirubha, II year CSE introduced about the Chief Guest. The session was handled by the Resource Person Mr.S.Saravana Kumar, Senior Software Engineer, Auriss Technologies Pvt Ltd, Coimbatore. Resource Person explained about the overview of technologies used in the software development models. He explained about how the new innovative software development models creating the impact in software development.

\Webinar on Innovative Managing Security in Mobile Computing on 16.05.2022

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "MOBILE COMPUTING SECURITY". The slide content includes:

Confidentiality, integrity, and authentication are arguably the big three issues in network security.

Table 2 Solutions to security requirements

REQUIREMENTS	SOLUTIONS
Authentication	1. Challenge response 2. Digital signature
Confidentiality	Encryption
Integrity	Hash function (MAC)
Nonrepudiation	Time stamping

The slide also features the IEEE logo and the date "April 14th, 2010". The Meet interface shows a grid of participants on the right, including VADUGANATHAN..., AJAY M C.MADH..., PRAVEEN M, Swethamala .P, ELAVARASANE -16, Kiruba Nithi, and 27 others. The bottom status bar indicates the time is 12:14 PM and the date is 16-05-2022.

Resource Person shared about security issues and solution for mobile computing

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "What are Java APIs?". The slide content includes:

- Supported API extensions

- In addition to the standard Java APIs supported in the BlackBerry® Java® development environment, a number of API extensions are also supported. These extensions are APIs that are not part of the standard JSR definitions. They provide greater features and functionality over what is available in the standard MIDP version 2.0 APIs.

The slide also features the number "16". The Meet interface shows a grid of participants on the right, including VADUGANATHAN..., Gateway Manager, PRAVEEN M, Swethamala .P, ELAVARASANE -16, Kiruba Nithi, and 26 others. The bottom status bar indicates the time is 12:25 PM and the date is 16-05-2022.

Resource person shared about java API

Dr.P.MayilVel Kumar,HOD/CSE gave welcome address and Mr.E.Elavarsan, III year CSE introduced about the Chief Guest. The session was handled by the Resource Person Mr.Sabarinathan Muthu, Technical Manager, Gateway Software Solution. Resource Person explained about the innovative technologies used in mobile computing. He explained about how to protect the data over mobile through various security techniques. Finally the vote of thanks was given by Mrs.K.Kalaiselvi, AP/CSE.

FDP Attended

- ❖ Dr.R.Manikandan had participated in Faculty Development Program titled “Emerging Research Trends in Computer Science” from 01.03.2022 to 05.03.2022.
- ❖ Dr.P.Mayilvel Kumar had participated in “Innovative Teaching and OBE” from 07.02.2022 to 12.02.2022 organized by AICTE.
- ❖ Mrs S.Bhuvaneshwari had participated in Faculty Development Program titled “Emerging Research Trends in Computer Science” from 01.03.2022 to 05.03.2022.
- ❖ Mrs.C.Kalpana attended faculty development program in “Computer Networks and Internet Protocol” from January to April 2022 conducted by NPTEL.
- ❖ Mrs.C.Kalpana attended faculty development program in “Emerging Research Trends in Computer Science” from 01.03.2022 to 05.03.2022.
- ❖ Mrs.C.Kalpana participated in “Cloud Computing Technologies” workshop from 09.06.2021 to 11.06.2021.
- ❖ Mr.P.Vignesh Kumar attended faculty development program in “Internet Programming” from 21.02.2022 to 26.02.2022.
- ❖ Staff Members are registered in NPTEL and done their exams weekly.
- ❖ Staff members Participated UHV program organized by AICTE.

Industrial Visit

- ❖ The students of II year CSE visited Nestsoft Info Park, Cochin-17, Kerala on April 2, 2022. Mr. Jilo Jose, Team Leader, Nestsoft invited us to visit SEO and Application Development Teams.



II CSE students in Nestsoft Technologies

- ❖ The students of III year CSE visited Nestsoft Info Park, Cochin-17, Kerala on April 2, 2022. Mr. Jilo Jose, Team Leader, Nestsoft invited us to visit SEO and Application Development Teams.

Session handled by Team Lead - Nestsoft Technologies III CSE students in Nestsoft Technologies



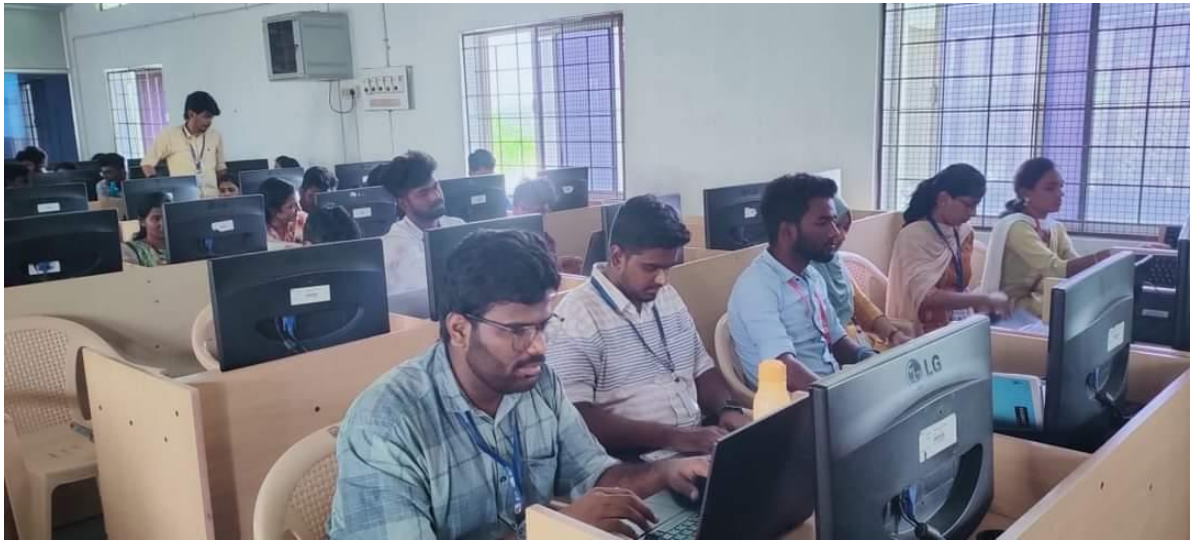
IV CSE students in Nestsoft Technologies



CLUB ACTIVITIES

CODERS CLUB:

SMART INDIA HACKATHON



Smart India Hackathon had been conducted for students and many students eagerly participated.



Smart India Hackathon had been conducted for students and many students eagerly participated.

ECO CLUB:

Karpagam Institute of Technology's **ECO CLUB** has celebrated **World Earth Day** by planting **Traditional Trees and Plants** on the **22nd of April**.



Chief guest plant samplings



Students plant samplings

Chief Guest Dr. R. Illagovan Former Chief Engineer PWD addressed the club members and explained the importance of our traditional trees and their values. This is a small initiative to build a healthy tomorrow by planting trees. Here are a few glimpses of our students planting the samplings.

SOCIAL ACTIVITIES

Mass Campus Cleaning campaign

Karpagam Institute of Technology conducted “Mass Cleaning Campaign” in association with Social Activities Club (UBA, YRC and RRC) on 03-06-2022 in commemorating the birth anniversary of the former Chief Minister of Tamilnadu Dr.KalainarM.Karunanithi at the college premises.



Snapshot of the Mass Campus Cleaning campaign



Snapshot of the Mass Campus Cleaning campaign

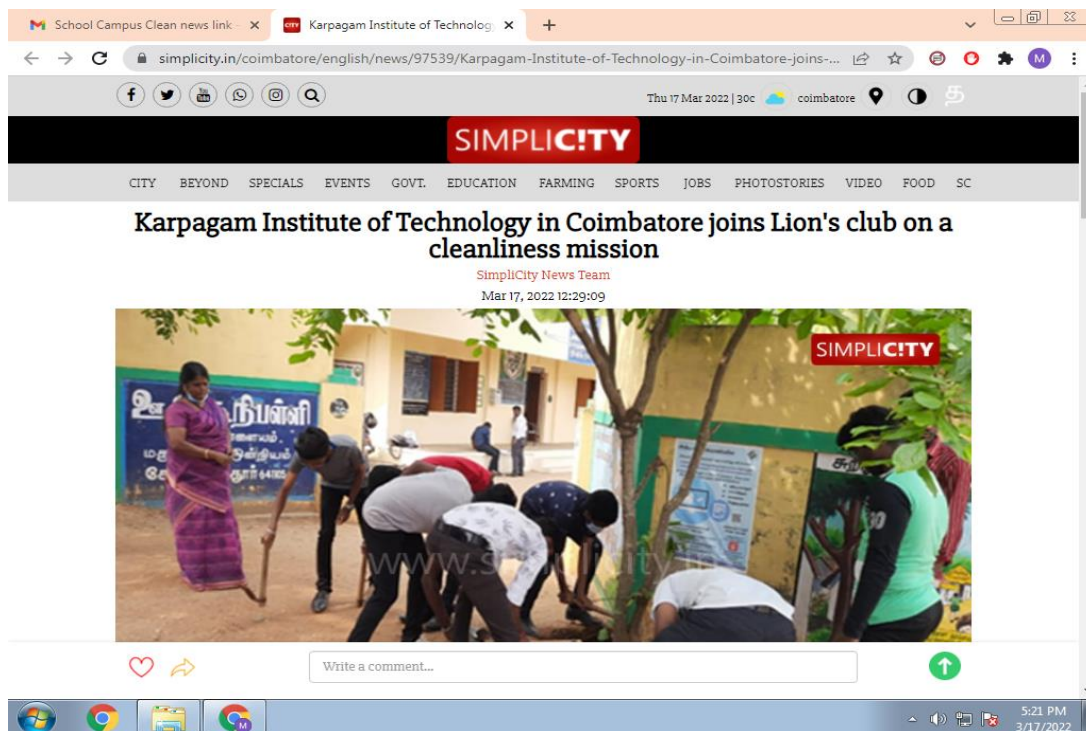
Dr.P.Manimaran, the Principal were presided over the function, the HODs of various Department, Faculty Members and Student volunteers of Social Activities Club(UBA,YRC and RRC) Karpagam Institute of Technology has underwent the campus cleaning work and maintenance of the herbal garden. The student volunteers has removed the unwanted bushes and wastes like plastics, bottles, papers, etc in and around the college campus.

School Campus Cleaning and Swachh Awareness Campaign

Karpagam Institute of Technology conducted “School Campus Cleaning and Swachh Awareness Campaign” in association with Lion’s Club, CBE SIDCO industrial Estate on 15-03-2022 at the Government Middle School, Bodipalayam.



Snapshot of Swachh Awareness Campaign Snapshot of School Campus Cleaning



Simplicity Web news – Mass cleaning camp

Lion’s club President Mr V.Gregory Joseph, Secretary Mr.P. Muniyandi and Treasurer Mr K.M. Sankar were presided over the function and The Social Activity club In charge Dr.P. MayilVelKumar, Faculty Members and Students of Karpagam Institute of Technology has underwent the school campus cleaning work and maintenance of the school compound wall. The school Head Mistress and teachers of the school has made the arrangements for the program.

INTERNATIONAL YOGA DAY

KIT – Social Activity Club (UBA, RRC, YRC) participate international yoga day-2022 celebrations conducted by easayoga foundation on 21.6.22 at 3pm in codissia hall.



Snapshot of School Yoga day



Snapshot of School Yoga day

STUDENTS ACHIEVEMENTS

In IV year CSE totally 26 students were placed in different companies. Placed student details are listed below

S.NO	REGISTRATION NUMBER	NAME	COMPANY NAME
1	721218104002	AKSHAYA PRISHA P	CTS
2	721218104004	ASHWIN B	TCS
3	721218104008	DEEPANRAJ L	ACCENTURE
4	721218104009	DHINESH S	AERELE
5	721218104011	GOKUL S K	WIPRO
6	721218104012	GOKUL PRASANTH T	CHAINSYS
7	721218104016	HRITHICK C	INFOSYS
8	721218104020	KAMACHI S	EXALCA
9	721218104022	KAVIYA S	Gyanmtarix
10	721218104023	LAKSHMAN PRASAD R	CTS
11	721218104024	LOGESH P	CTS
12	721218104025	MANIKANDAN S	EXALCA
13	721218104026	NANDHA KUMAR A	Zoho
14	721218104028	PONGOKULADHARSHINI B	TCS
15	721218104029	PRADEEPA S	TCS
16	721218104034	SAJEESH K	INFOSYS
17	721218104035	SANGEETHA M	Moonraft
18	721218104037	SANJAI BALAJI N	Rio business solutions
19	721218104041	SUBHASHRI S	Zoho
20	721218104042	SUGESH G	TCS
21	721218104043	SWATHI LAKSHMI M	CTS
22	721218104046	VIKASH V	Moonraft
23	721218104047	VINOD KUMAR H	Thoughtbees
24	721218104048	VISHNUDHARSHINI P	Gyanmtarix
25	721218104049	YESWANTH S	CTS

26	721218104050	YOGESH M	CTS
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Events Participation by students

S. No.	Name of the Student	Name of the event	Prize won/ Participated	Institution Name
1.	Rajeshwari M	Poster Design	III Prize	Kongu Engineering College
2.	NusratJahan	Poster Design	Participated	Kongu Engineering College
3.	R.K.Nikil	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college, Karur
4.	C.Jayaram	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college
5.	V.Pugazhendhi	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college
6.	M.Rahul	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college
7.	M.Neethikumar	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college
8.	R.K.Gurusharan	Workshop on Machine learning	Participated	M.Kumarasamy Engineering college
9.	E.Kiruba	Paper Presentation	Participated	KSR Engineering college, Thiruchencode
10.	P.Sakthikumar	Paper Presentation	Participated	KSR Engineering college, Thiruchencode
11.	P.Deepak	Technical Quiz	Participated	KSR Engineering college, Thiruchencode
12.	K.Ananth	Paper Presentation	Participated	KSR Engineering college, Thiruchencode
13.	M.KrishnaPriya	Paper Presentation	Participated	KSR Engineering college, Thiruchencode
14.	C.Umakarhikeyan	Paper Presentation	Participated	KSR Engineering college, Thiruchencode
15.	A.Thrishan	Code Crush	Participated	Kongu Engineering College
16.	G.Sivasubramanian	Code Crush	Participated	Kongu Engineering College
17.	C.Umakarhikeyan	Code Crush	Participated	Kongu Engineering College
18.	S.Surendran	Code Crush	Participated	Kongu Engineering College

19.	C.Umakarthikeyan	Marketing Quiz	Won 2 nd prize	Kongu Engineering College
20.	S.Surendran	Marketing Quiz	Won 2 nd prize	Kongu Engineering College
21.	A.Thrishan	Marketing Quiz	Won 2 nd prize	Kongu Engineering College

SAMPLE CERTIFICATES



CULTURAL ACTIVITIES

On behalf of Karpagam Institute of Technology, **VARNAM 22 – The Cultural Fest of KIT** has been conducted on **19th May 2022** (Thursday) to bring out the extra-curricular talents of students.



Off stage event



Off stage event



Students participated in various events and the chief guests for the events are :

1. Bharath K. Rajesh – Singer in Vijay TV
2. Anu Anand - Singer in Vijay TV
3. Azhar – Indian mimicry artist and actor
4. Chutti Aravind - Indian mimicry artist and singer

GRADUATION DAY

Karpagam Institute of Technology conducted 10th and 11th Graduation day on
April 20, 2022.

Chief guest for the day was Shri.S.R.Jangid., I.P.S



A poster for Karpagam Institute of Technology's 10th and 11th Graduation Day. The background is a gradient of blue and orange. In the top left is the Karpagam Institute of Technology logo, which includes a stylized 'K' and the text 'KARPAGAM INSTITUTE OF TECHNOLOGY Inspiring Innovation Approved by AICTE and Affiliated to Anna University'. In the top right, the date 'APRIL 02 2022' and time '10.30 am' are displayed. The center features the text '10th & 11th GRADUATION DAY' in large, bold, white letters. Overlaid on this text is a portrait of a man in a police uniform, identified as the Chief Guest. Below the portrait, the text 'CHIEF GUEST' is written in small capital letters, followed by a handwritten signature 'The Real Theeran' and the name 'Shri. S. R. JANGID., I.P.S' in bold. Below the name, his titles are listed: 'Director General of Police (Retd.)', 'Tamil Nadu', and 'Recipient of President's Gallantry Medal'. At the bottom, the venue is specified as 'Venue: Auditorium, Karpagam Academy of Higher Education'.

KARPAGAM
INSTITUTE OF TECHNOLOGY
Inspiring Innovation
Approved by AICTE and Affiliated to Anna University

APRIL
02
2022
10.30 am

10th & 11th
GRADUATION DAY

CHIEF GUEST
The Real Theeran
Shri. S. R. JANGID., I.P.S
Director General of Police (Retd.)
Tamil Nadu
Recipient of President's Gallantry Medal

Venue: Auditorium, Karpagam Academy of Higher Education

Snapshot of graduation day



OFFER DAY

Karpagam Institute of Technology's Placement and Career Guidance Cell conducts Offer Day for Class of 2022 on May 28, 2022.



Snapshot of offer day



Snapshot of graduation day

Chief Guests of the program was V Sreenivasan and R.R Raghul from Bosch Global Software Solutions with respective Principal, Vice Principal, Heads of all the departments, Faculty members, Alumni and students and their parents.

EDITORIAL MEMBERS

EDITORIAL FACULTY MEMBERS

- **Dr.A.Sabanayagam**
- **Mr.P.N.Ramesh**

EDITORIAL STUDENT MEMBERS

- **Mr.A.Nandhakumar (IV-CSE)**
- **Mr.S.Pradeepa (IV-CSE)**
- **Mr.A.R.Madhan Raj (III-CSE)**
- **Mr.M.Sushvin M (III-CSE)**