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

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INDEX

Institute Vision and Mission

Department Vision and Mission

Elected Class Representatives

Webinar's and Workshop's Organized

Association Inaugration

Faculty Developement Program Attended

Journal Publications

Student Participation

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.P.Mayil Vel Kumar, M.E., Ph.D.
Associate Professor

- 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 ina variety of subjects which are essential to 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-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

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 department, and they are responsible for communicating with their classmates and keeping them informed about what is happening in the student council.

II YR

MOHAMMED AAKHIL M

KAVIYA N

III YR

KIRUBA E

UMAKARTHIKEYAN C

IV YR

ELAVARASAN E

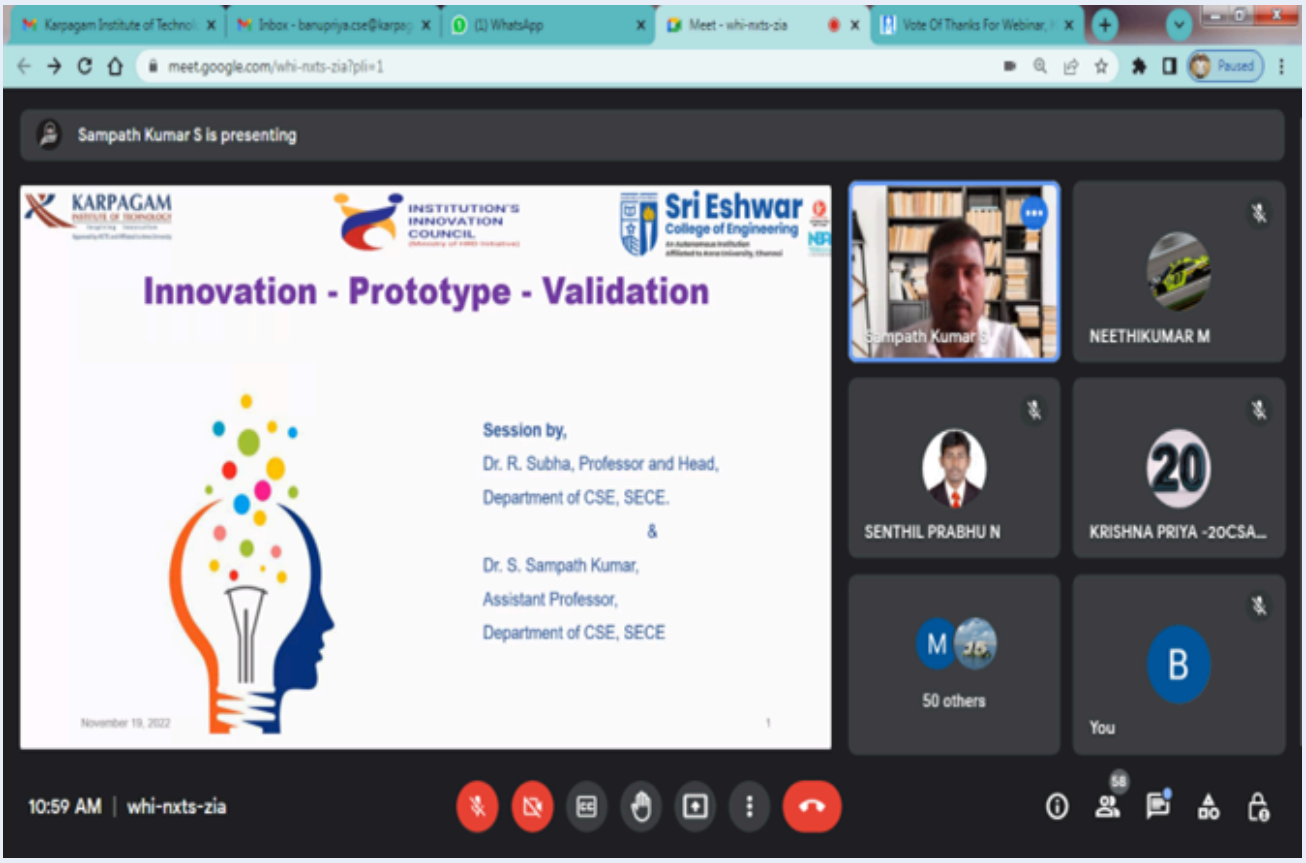
SUPRAJA S

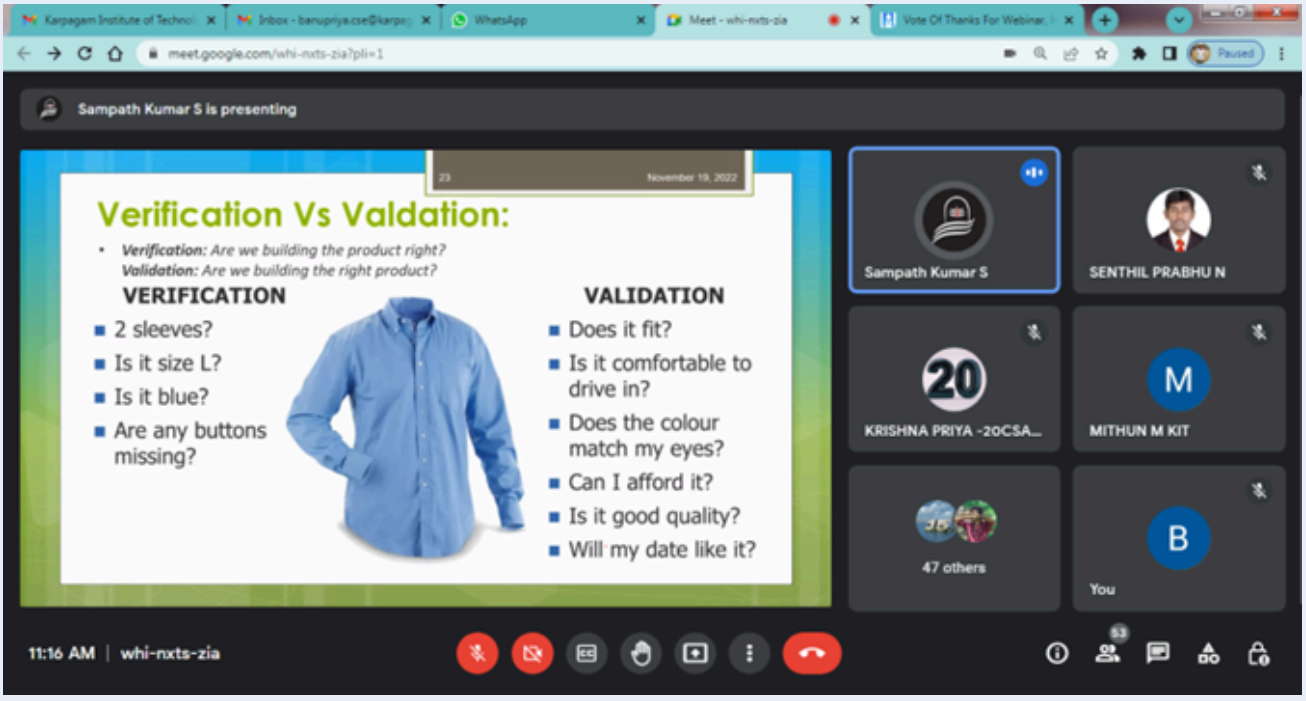
"THE SUCCESSFUL WARRIOR IS THE AVERAGE MAN, WITH LASER-LIKE FOCUS."
- BRUCE LEE

WEBINAR AND WORKSHOP ORGANIZED IN KIT

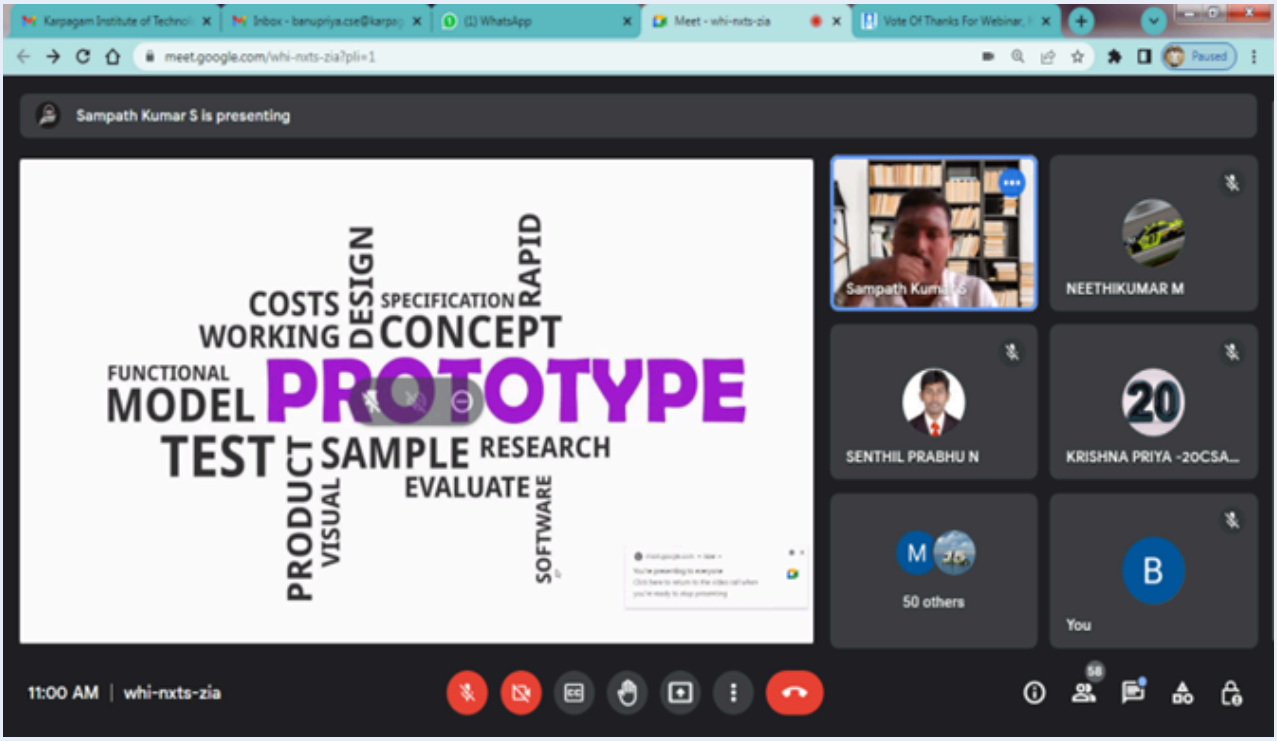
CSE DEPARTMENT CONDUCTED THE WEBINAR ON "INNOVATION/PROTOTYPE/VALIDATION" ON 19.11.2022.

Mr.P.N.Ramesh, AP/CSE gave welcome Address. Mrs.P.G.Banupriya, AP/CSE introduces resource persons to the gathering. Dr.R.Subha, Professor and Head/CSE, Sri Eshwar College of Engineering, Coimbatore acted as a resource person in her speech she talked about innovation. In that she demonstrated what is innovation with good example. She talked about the growth of software development in last few decades. The technology is now so powerful, that in order to scale own business, students need to drive innovation into every product and service that they create. She gave a tip to set successful businesses apart. Dr. SampathKumar, Assistant Professor (Sl. Gr.)/CSE, Sri Eshwar College of Engineering, Coimbatoreas a resource person he delivered a lecture on Prototype and Validation. In his sessionhe says about the concept behind the prototype like design, specification, working cost, model test, product and evaluation. He talked about what is verification and validation where we can apply this. He shared many ideas to build their own start up innovation business. He encouraged the students to visit some website recording business ides. After lecture, question and answer session was more interactive. Finally Mr. N.SenthilPrabhu delivered vote of Thanks.

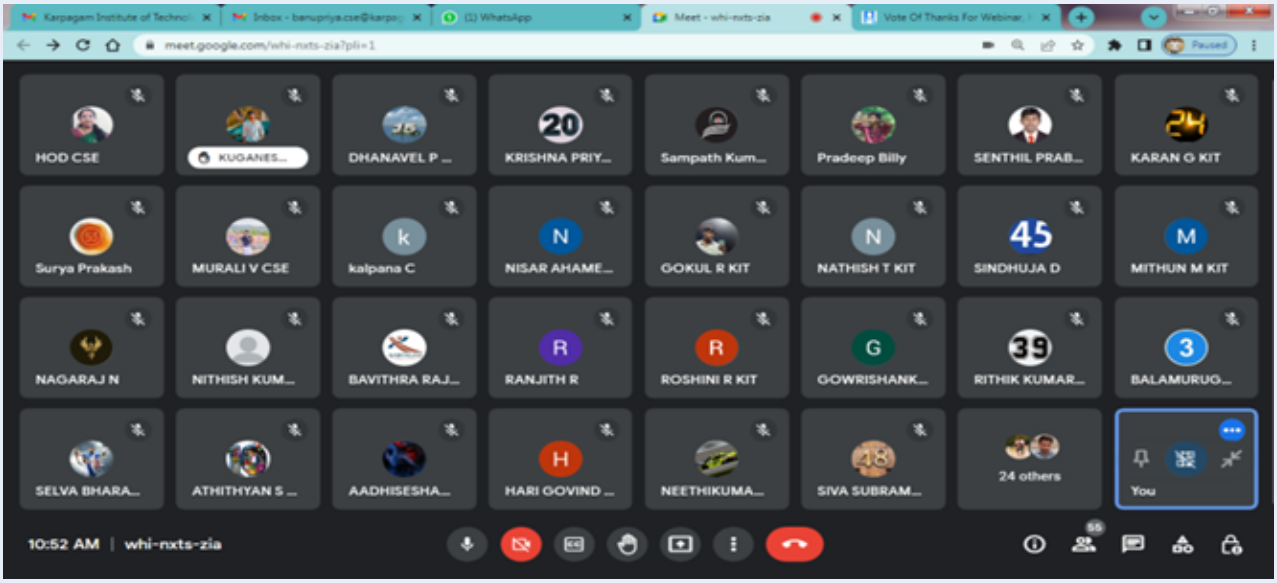




Resource person explain about verification and validation



Snapshot of the workshop



Snapshot of the workshop

WORKSHOP ON ON-BOARDING OPERATIONS OF CLOUD SERVICES WITH VMWARE WAS CONDUCTED ON 25.11.2022.

The Department of Computer Science and Engineering organized a one-day workshop on "Onboarding Operations of Cloud Services with VMware" on 25.11.2022 (Friday) from 09:30 AM to 04:30 PM at the Project Lab. Mr. P. N. Ramesh, AP/CSE, gave the welcome address. B. Vyshnavi, a III-year CSE student, introduced the resource persons to the gathering. Mr. G. Swaminathan, Assistant Professor/IT at Hindustan College of Engineering and Technology, Coimbatore, was our resource person for the one-day workshop. In the first session, he gave an introduction to VMware and data virtualization. VMware was the first commercially successful company to virtualize the x86 architecture. VMware's desktop software runs on Microsoft Windows, Linux, and macOS. VMware ESXi, its enterprise software hypervisor, is an operating system that runs on server hardware. He demonstrated vSphere, which is considered the heart of VMware. To ensure a clear understanding of the concept, he showed demo videos. Students clarified their doubts by asking questions. In the second session, we had hands-on training for VMware. Students were asked to register for vSphere, an open-source platform, and they worked with it enthusiastically. The resource person also discussed the opportunities available with VMware. Finally, Mrs. P. G. Banupriya, AP/CSE, delivered the vote of thanks.

Resource Person Mr.G.Swaminathan discussed about Cloud Services.

Resource Person Mr.G.Swaminathan discussed about VMWARE.

INAUGURATION ASSOCIATION OF COMPUTER SCIENCE AND ENGINEERING "TECHTRONAUTZ"

KARPAGAM INSTITUTE OF TECHNOLGY
ASSOCIATION INAUGURATION

FACULTY DEVELOPMENT PROGRAMMES

Dr.P.Mayil Vel Kumar, M.E., Ph.D.
Assistant Professor

PROGRAMS ATTENDED:

- Tools for Engineering Research

Mr. C. KARTHIKEYAN, M.E.
Assistant Professor

PROGRAMS ATTENDED:

- FDP on Amazon Web Services
- Block Chain Technology

Dr.A.Sabanayagam,Ph.D
Professor

PROGRAMS ATTENDED:

- Research Advancements in intelligient computing technologies

Mrs. C. KALPANA, M.E.
Assistant Professor

PROGRAMS ATTENDED:

- FDP on Problem Solving and Python Programming
- Demystifying Networking - NPTEL
- Recent advancements in Science and Engineering

Mr. P. VIGNESHKUMAR, M.E.
Assistant Professor

PROGRAMS ATTENDED:

- Demystifying Networking - NPTELTools for Engineering
- Research
- Societal Applications of Machine Learning

Dr.S.Sharavanan.,Ph.D
Professor

PROGRAMS ATTENDED:

- Societal Applications of Machine Learning

Mrs. P. G. BANUPRIYA, M.E.
Assistant Professor

PROGRAMS ATTENDED:

- Tools for Engineering Research
- Intelligent Computing for next generation Embedded IOT
- Research advancements in Intelligient computing technologies

Mr. N. SENTHIL PRABHU, M.E.
Assistant Professor

PROGRAMS ATTENDED:

- FDP on Amazon Web Services
- FDP on Research Advancements in Intelligent Computing Technologies

Dr.R.Manikandan,Ph.D
Professor

PROGRAMS ATTENDED:

- Amazon Web Services

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

PROGRAMS ATTENDED:

- Amazon Web Services

Mrs.K.Kalaiselvi,M.E
Assistant Professor

PROGRAMS ATTENDED:

- Recent Trends in Artificial Intelligience and cyber Security

Mrs.N.Suganya,M.E
Assistant Professor

PROGRAMS ATTENDED:

- Recent Advancement in Science and Engineering

JOURNAL PUBLICATIONS

Mr. P.N. RAMESH, M.E.,
Assistant Professor

P.N. Ramesh published on the title "A context-aware practice problem recommender system using learners' skill level navigation patterns" in SCI.

"SUCCESSFUL PEOPLE ARE NOT GIFTED; THEY JUST WORK HARD, THEN SUCCEED ON PURPOSE."
– G.K. NIELSON

STUDENTS PARTICIPATION

E ELAVARASAN IV - CSE	**EVENT : COGNIZANT - DIGITAL NURTURE 2.0** **FIRST PRIZE**
NISAR AHAMED M II - CSE	**EVENT : HACKATHON - SNS INSTITUTIONS** **SECOND PRIZE**
MITHUN M II - CSE	**EVENT : HACKATHON - SNS INSTITUTIONS** **SECOND PRIZE**
CHETHAN S II - CSE	**EVENT : HACKATHON - SNS INSTITUTIONS** **SECOND PRIZE**
ASWIN.S II- CSE	**EVENT : WORSHOP - SNS INSTITUTIONS** **THIRD PRIZE**
MATHAN RAJA R IV - CSE	**SMART INDIA HACKATHON, 2022** **PARTICIPATED**
SUSHVIN M IV - CSE	**SMART INDIA HACKATHON, 2022** **PARTICIPATED**
YAGAVI III - CSE	**WORKSHOP - NANDHA ENGINEERING COLLEGE** **PARTICIPATED**
NUSRAT JAHAN III- CSE	**WORKSHOP - IIT** **PARTICIPATED**
KEERTHANA .S III - CSE	**WORKSHOP - IIT** **PARTICIPATED**

STUDENTS PARTICIPATION

SIVA SUBRAMANIYAN III - CSE	**CODE - KONGU EGINEERING COLLEGE** **PARTICIPATED**
MARIA RIJA A II - CSE	**BLOG WRITING - KIT** **FIRST PRIZE**
MITHUN M II - CSE	**NPTEL CERTIFICATION COURSE** **PROGRAMMING IN JAVA** **PARTICIPATED**
KAVIN M II - CSE	**NPTEL CERTIFICATION COURSE** **PROGRAMMING IN JAVA** **PARTICIPATED**

"PERSEVERANCE IS THE HARD WORK YOU DO AFTER YOU GET TIRED OF DOING THE HARD WORK YOU ALREADY DID."

– **NEWT GINGRICH**