

YEAR 2016-2017

KITE CSE NEWSLETTER

The official newsletter of KG-KITE CSE students



INTRODUCTION

The Department of Computer Science at KiTE offers a unique educational opportunity for students to achieve excellence through classes, rigorous practical sessions and participation in research. Our course provides skills essential to practice engineering as professionals.

It is an objective to provide experience in leadership, management, planning, and organization.

Finally, it is one of the main objective to promote passion among the students for what we do and thus students comprehend that we also have the desire and continue to learn.

MESSAGE FROM THE EDITORIAL BOARD

The editorial board is extremely thankful to the Principal who has been a great source of strength and caring to fulfill our needs. He is magnanimous and extend his entire support in every step of our work.

We would like to place on record our sincere thanks to the head of the Department, Department of computer Science and Engineering, I who bestowed her immense support.

We also thank the students for their rich contributions which would really encourage us all. We also extend our gratitude to **Bhalaji .K** and **S.R. Karthik** of **Third Year B.E CSE** for helping us in putting together a factual newsletter.

CHIEF EDITORS



Ms. Lanitha .B
Assistant Professor, CSE



Mr. Nandhakumar .S.D
Assistant Professor, CSE

ASSOCIATE EDITORS



Karthik .S.R
3rd year, B.E CSE



Bhalaji .K
3rd year, B.E CSE

MEMBERS



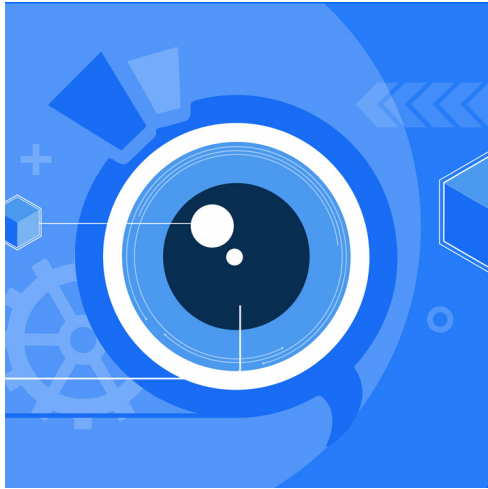
Ms. Jayashree .R
Assistant Professor, CSE



Ms. Suganthi .A
Assistant Professor, CSE

Vision and Mission statements of the Department of Computer Science and Engineering

Vision



To promote industry embedded education there by creating computer science Professionals with exceptional intellectual skills that has a transformative impact on the socieity.

Mission

- To inculcade a remarkable behavioral traits and industry embedded research, leading to face uncomfortable struggle
- To foster the spirit of deep enquiry and imagination among students by bringing the curiosity to come up with innovative ideas for well-being of the society
- To fasten with individuals and organizations for realizing supreme potential for solving real-world problems

Programme Educational Objective (PEO)

PEO1: To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.



PEO2: To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.

PEO3: To attain professional skills by ensuring life-long learning with a sense of social values.

Programme Outcomes (POs)

At the time of graduation, the students of Computer Science and Engineering should have the

PO1 ENGINEERING KNOWLEDGE: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO2 PROBLEM ANALYSIS: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 DESIGN /DEVELOPMENT: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 MODERN TOOL USAGE: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6 THE ENGINEER AND SOCIETY: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 ENVIRONMENT & SUSTAINABILITY: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 ETHICS: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 INDIVIDUAL AND TEAM WORK: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 COMMUNICATION: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 PROJECT MANAGEMENT AND FINANCE: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 LIFE LONG LEARNING: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

About The Department:

- Computer science is at the forefront of the digital revolution that continues to define the 21st century.
- It helped introduce innovations like the smartphone and the 'gig' economy. In future, computer scientists are expected to completely reshape the world we live in with technologies like Augmented Reality, the Internet of Things, and distributed ledgers like Blockchain.
- At KGiSL, CSE department is committed to develop young minds to make creative engineers in industries, business and to play a positive and useful role in social transformation.
- Our department offers its students the very best exposure in terms of technology, infrastructure and resources.
- The college lays great emphasis on Industry-Embedded quality education. Its unique learning approach is designed to contribute significantly to the growth and development of each and every student.
- CSE department has been in the forefront in recognizing the needs of the industry and integrating knowledge with professional inputs.
- The final goal is achieved through our unyielding efforts to enhance Quality in Industry Embedded Education, Research and Diversity in order to serve the society at large.

LECTURES BY THE FACULTY MEMBERS

Ms.Lanitha. B

Linux Operating System
on 31.01.2017



Image: **Ms. Lanitha. B**

Ms.Jayashree. R

Android Application Development
on 25.08.2016

Mr.Vivekanandan.V

Android Application Development
on 27.02.2017



Image: **Mr. Vivekanandan. V**

Mr.Nandakumar .S.D

Theory of Computation
on 16.09.2016

Ms. Kamala .V

Internet Technologies
on 13.02.2017

Research and Development:

Academic Research:

- Ms.V.Kamala has published a paper on "A Survey on Routing Protocol for Internet of things", International Journal of Advanced Research and Engineering Technology.

Events held during the year 2016 - 2017

- A Team of four including N.Revathi, S.Vineetha, S.Nandha Kumar, S.Sajan has attended a Workshop on **Web Design** at SriGuru institute of Technology,Coimbatore on 24.02.2017.
- N.Revathi, G.Swathika, and Anitha had attended a Workshop On **IoT** in our college on 30.03.2017 and 31.03.2017.
- D.K.Vigneshwar and S.Nandha Kumar had attended a Workshop On World's biggest international hands on **Ethical Hacking** on 06.03.2017.
- S.Sajan had attended workshop on **IoT** in PSG College of Technology,Coimbatore and 29.03.2017.
- R.Vigneshwari had exhibitted a project on "**Age & BMI calculation**" at Tejaa Shakthi Institute of Technology for Women, Coimbatore on 31.08.2016.
- A Team of four including N.Revathi, S.Prema, S.Vineetha and s.Suvetha had participated in the Hackathon themed **My campus my Idea** on 11.03.2017.
- A Team of five including D.K.Vigneshwar, S.Nandhakumar, G.Swathika, S.sajan and Gracelin had participated in the **My campus my Idea** Hackathon on 11.03.2017.

- A Team of five including D.K.Vigneshwar, S.Nandhakumar, Meganisha S.sajan and Bhavadharani had participated in the **Smart City** Hackathon on 19.08.2016.
- A Team of five including S.Jayashri, S.Bharath, R.Madhan Kumar, K.Akshay and G.Gokulakrishnan had participated in the **Smart City** Hackathon on 20.08.2016.
- A Team of four including K.Bhalaji, R.R.Kishore Raj, E.Aravind and A.N.Gokul Kanna had participated in the **Smart City** Hackathon on 20.08.2016.
- A Team of five including S.Maheswar, R.Kowshika, S.Kavishree, R.Gowsalya and S.R.Karthick had participated in the **Smart City** Hackathon .
- A Team of five including D.Shankar, R.Samdany, Y.Ramshankaran, S.Prathvik, and R.B.Sanjay had participated in the **My Campus My Idea** Hackathon.
- A Team of four including P.Terry John Paul, C.Vishwas, H.Meenakshi and Prakaashini.S had participated in the **My Campus My Idea** Hackathon on 11.03.2017.

Student's Acheivements

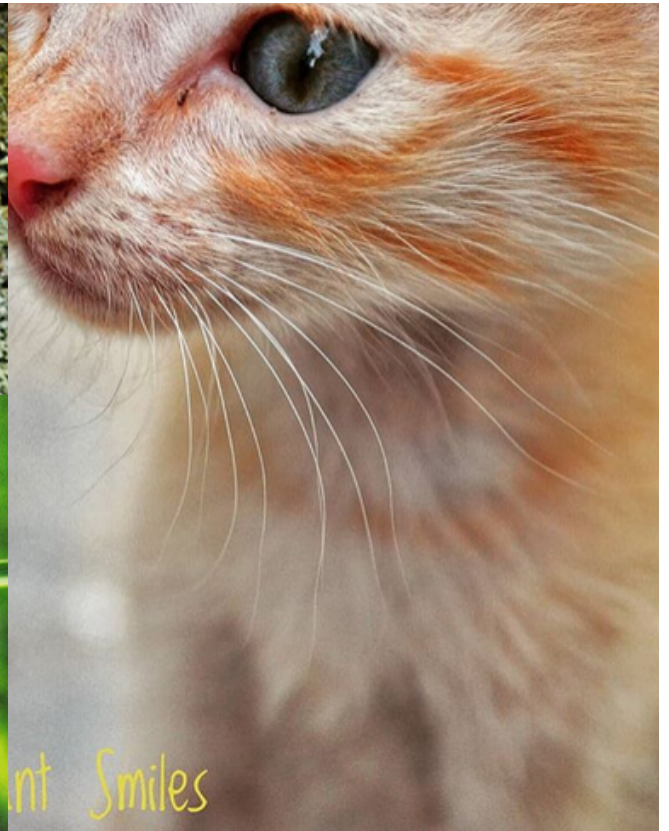
- Janani B of IV CSE has won second place in Badminton during the year (2016-17).
- Shivadaharsani.S of IV CSE has won second place in Badminton during the year(2016-17).
- Atchaya.S of II CSE has won second place in Badminton
- Fabian Durairaj.L of IV year CSE has won second place in Athletics

Students Avocations

Photography

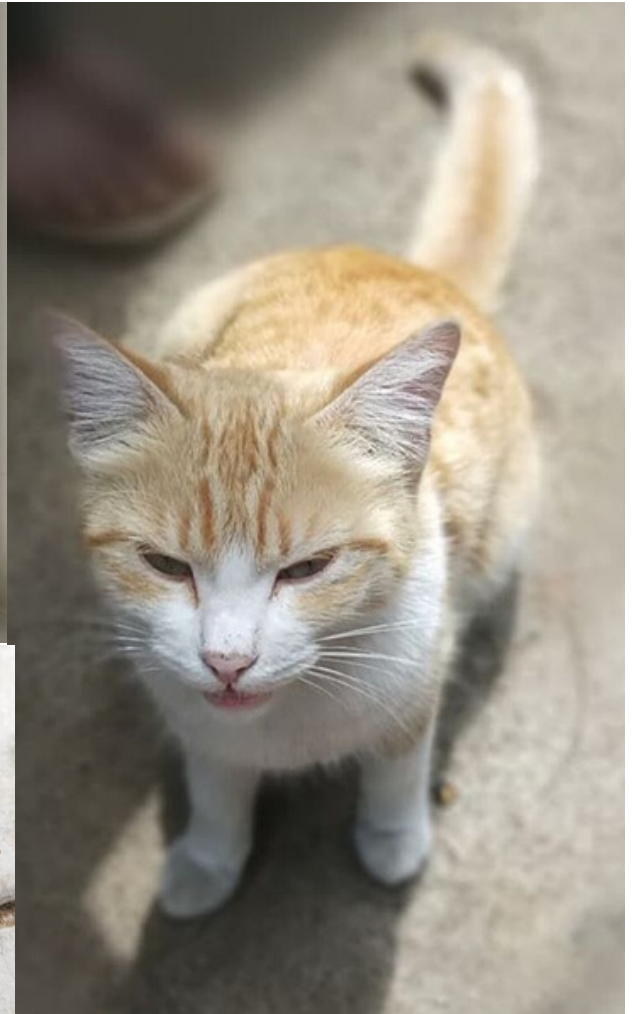
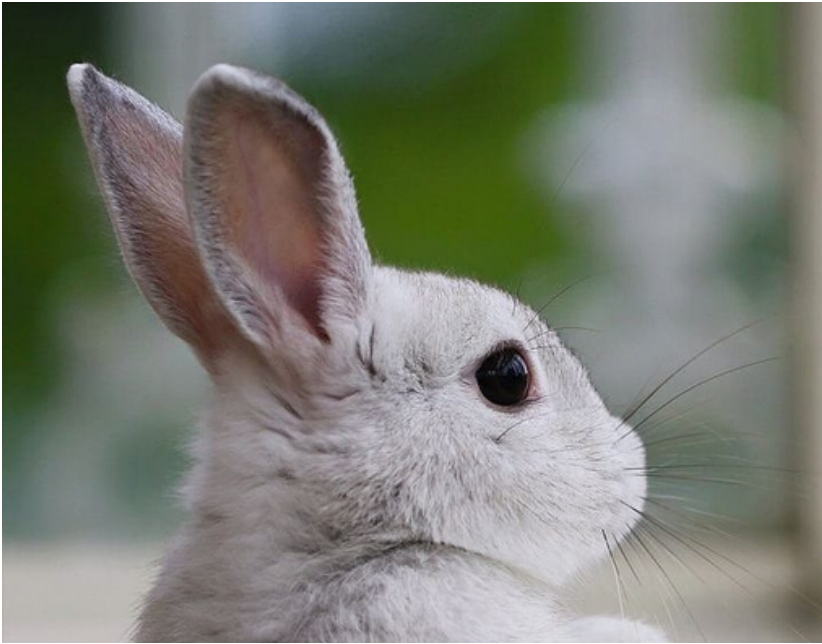
Bhalaji. K

[radiant_smiles]



karthik. SR

[radiantsmiles]



Once in a lifetime
we meet someone
who changes everything.

Poetry

Dinesh B



**கனவு நாயகனின்
பிறந்த நாள்**

உனக்கு ஒருபோதும்
அழிவில்லை
இயற்கை உன்னை
அழைத்தாலும்
இந்தியா
விடுவதில்லை...

கலாம் பிறந்தது ஏழ்மை
அவர் வளர்ந்தது எளிமை
அவருடைய சிந்தனைகள்
என்றுமே புதுமை...

15-10-2018 -**ப.தினேஷ்**

சிறகு

சிறகை விரி...
உயர பற...

தேடலை உனதாக்கு
முயற்சியை முன்னெடு
முதல் படி உனது ஆசை
இரண்டாவது உனது முயற்சி
மூன்றாவது உனது எண்ணம்
நான்காவது உனது நம்பிக்கை
ஐந்தாவது உனது தன்னம்பிக்கை

-**ப.தினேஷ்**

வாழ்க்கை பாதை

வலிகள் வந்தால்
விழிகளை மூடி
வாழ்க்கையை வெறுக்காதே...
விழியை திற
இமைகள் மறந்திடும்
சுமைகள் பறந்திடும்...

-**ப.தினேஷ்**

அகிம்சை தினம்

காந்தியின்
எண்ணங்களை ஏற்று
சுதந்திர இந்தியாவின்
சுதந்திர பாதையில்
பயணிப்போம்...

-**ப.தினேஷ்**

Nivetha T

