

YEAR 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.

## CHIEF EDITORS



*Ms. Lanitha .B*  
**Assistant Professor, CSE**



*Mr. Nandhakumar .S.D*  
**Assistant Professor, CSE**

## MEMBERS



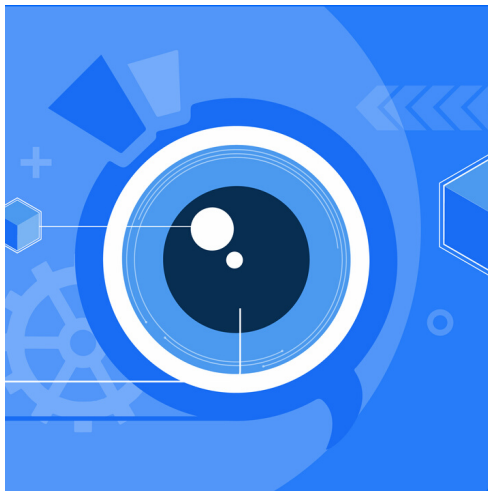
*Ms. Poongothai .K*  
**Assistant Professor, CSE**



*Mr. Raja .R*  
**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 Faculty Members

- Ms.Suganthi .A has given a lecture on **Innovations in mobile operating systems** on 17.02.2018.
- Mr.Raja.R has given a lecture on **Digital Signal Processing** on 22.09.2017.
- Ms.Priscilla Joy has given a lecture on **Graph Theory** on 25.01.2018.
- Mr.Shanthini has given a lecture on **Design & Analysis of algorithms** on 01.08.2017.
- Ms.Poongothai.K has given a lecture on **Mobile ADHOC Networks** on 25.07.2017.

# Research and Development:

## Academic Research:

- Ms.A.Suganthi published a paper on "A Survey on Ontology Approaches in Data Mining for Various Technologies",Internation Journal of Latest Technology in Engineering,Management and Applied Science.
- Mr.S.Suseendran published a paper on "A Survey about Requirements Engineering",International Journal of Advanced Research in Computer Science and Technology (IJARCST).

## Events held during the year 2017-2018

- Prema. S from our college had attended on **Arduino** at KPR Institute of Technology, Coimbatore on 24.03.2017.
  - A Team of four including K.Piraivendhan, D.K.Vigneshwar, S.Sajan, G.Swathika had conducted Workshop on "**Building applications on cloud**" at our college encouraging the student's involvement in future technology on 15.06.2018.
  - D.K.Vigneshwar had successfully completed 2-day online course on **Web & Mobile App development** and also Training On **Bigdata Developer Hadoop** at **Gradvalley Data Science, Coimbatore** on 03.01.2018 and 07.01.2018.
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- S.Nandha Kumar along with D.K.Vigneshwar successfully attended a hands-on workshop on **IOT** using **Raspberry Pi** on 20.11.2017.
  - Workshop on **Advanced IP Networking** was attended by R.Vigneshwari in SNS College of Technology, Coimbatore on 25.09.2017.
  - S.Suvetha Sri had attended workshop on "**3D Game development**" in SNS College of Technology, Coimbatore and a workshop on "**BigData**" in our college on 03.01.2018.
  - S.Nandha Kumar has attended a workshop on **MVC design pattern** in C++ on 08.01.2018.
  - G.Swathika had attended a workshop on "**Web Development**" at SNS College of Technology, Coimbatore and a workshop on "**BigBang thought provoking**" in our college on 10.03.2017.
  - R.Rajadurai and S.S.Poojavigni had attended a workshop on **Virtual Reality** on 20.09.2017.
  - P.Terry John Paul and S.S.Poojavigni has attended a Workshop on **Big Data Developer Hadoop** on 03.01.2018.
  - V.M.Sathyapriya had attended a workshop on **Big Data** at MIT, Madras on 02.03.2018

- A team of T.Saranya, V.M.Sathyapriya and R.Sowmiya has participated in a workshop on **Big Data & Hadoop** at **Gradvalley & itversity** on 07.01.2018.
- P.Terry John Paul and H.Meenakshi has attended a workshop on **Cloud** at **Salesforce**
- A team of D.Shankar,R.Samdany, Y.Ramshankaran, S.Prathvik and R.B.Sanjay has Participated & **Won** Prize in **My City My Idea Hackathon** on 27.09.2017.
- K.Piraivendhan and S.Sajan had participated in **My City My Idea-** Hackathon conducted by our college which is to improve the coding knowledge and to have industrial experience on coding on 27.09.2018.
- A team of four including S.Nanda kumar ,S.Sajan,J.Martin and Meganisha had participated in UDACITY course on **Machine Learning Foundation** Nanodegree.
- Krishna Divya and Janani from our college had participated in **Big Data Book Workshop** on 07.01.2018.
- Dheekshitha from our college had participated in many workshop including **IoT, Big Data,Cloud computing** at our college on 07.01.2018.
- R.R.Kishore Raj and E.Aravind had participated in **Workshop on Boot Camp** at KGiSL Institute of Technology.

# Student Achievements

- A team of four including S.Nanda kumar, S.Sajan, J.Martin and B.Meganisha has completed **Udacity** course on Machine Learning Foundation Nanodegree.



- D.K.Vigneshwar has completed 2 days online course on Web & Mobile App development at KGiSL Institute of Technology on 01.02.2018.
- S. Suvetha of II CSE won 3rd prize in “My Campus My Idea” Hackathon held at KGiSL Institute of Technology in 11.03.2017

- Aravindhan S., Naveen, Mythereayan and Arun C.V. of III CSE had won 3rd prize in Smart India Hackathon on 01.04. 2017 and 02.04. 2017.



- R. Samdany, Y. Ramshankaran, D. Shankar, S. Prathvik and R. B. Sanjay of II year CSE, won 1st prize in "My city my idea" Hackathon held at KGiSL Institute of Technology in 27.09.2017.

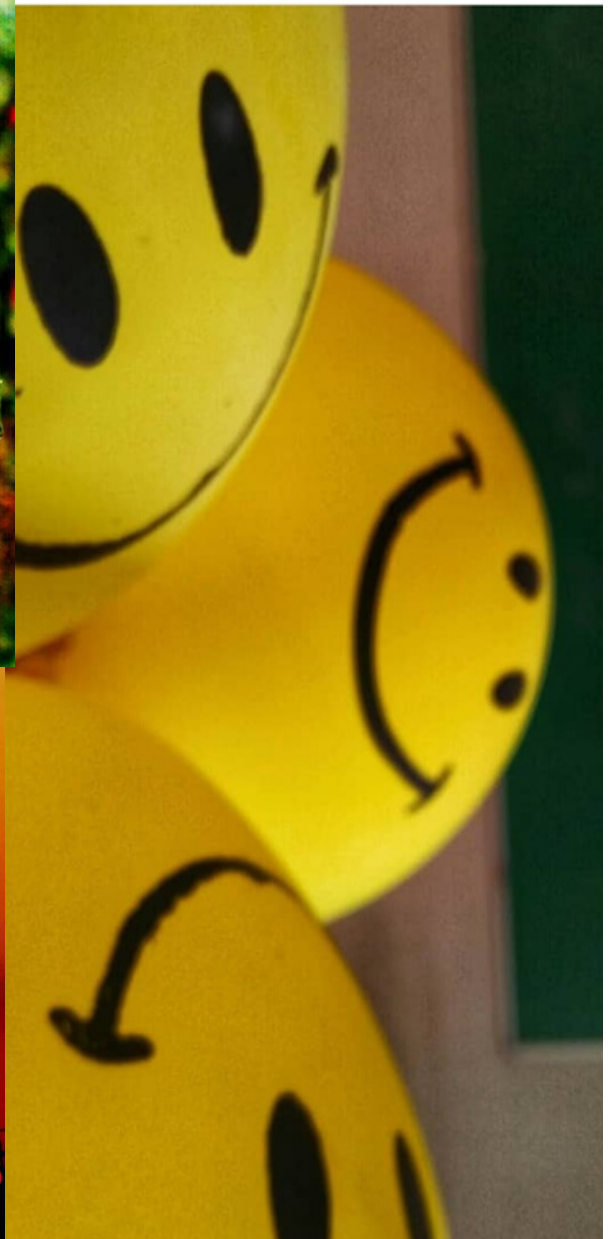




# Students Avocations

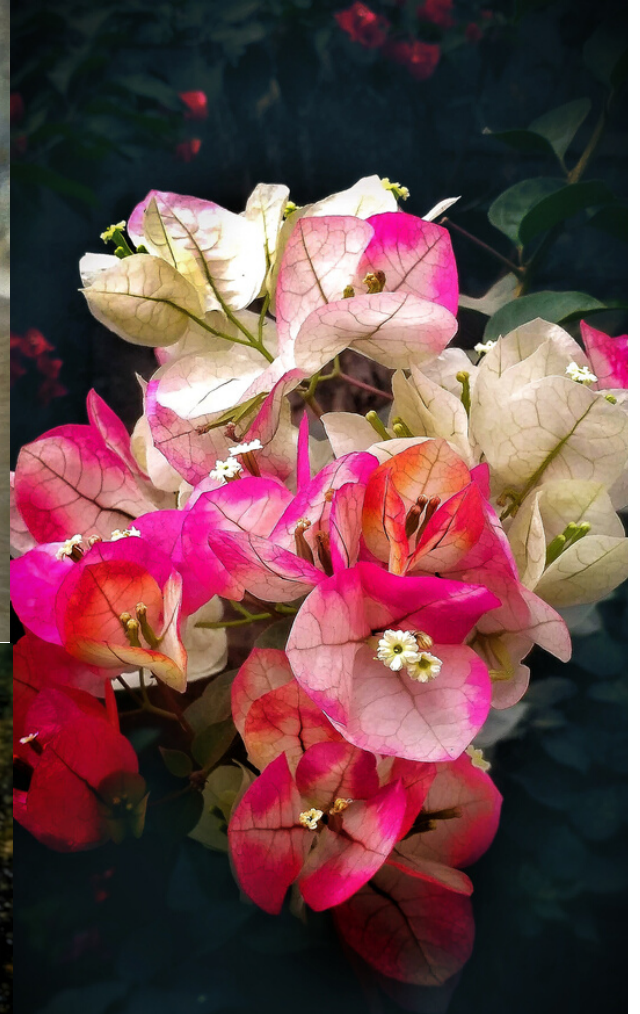
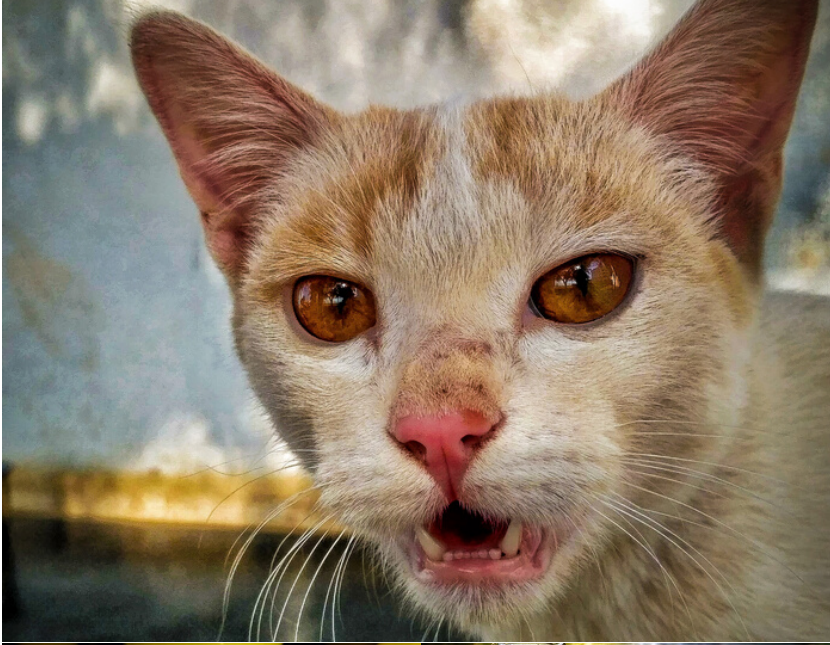
Photography

Vinitha .M





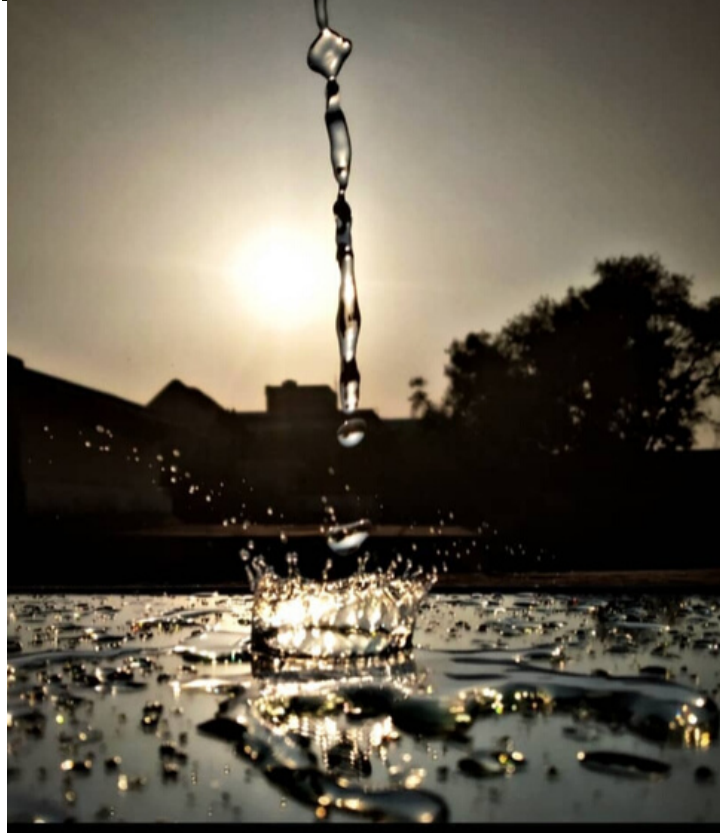
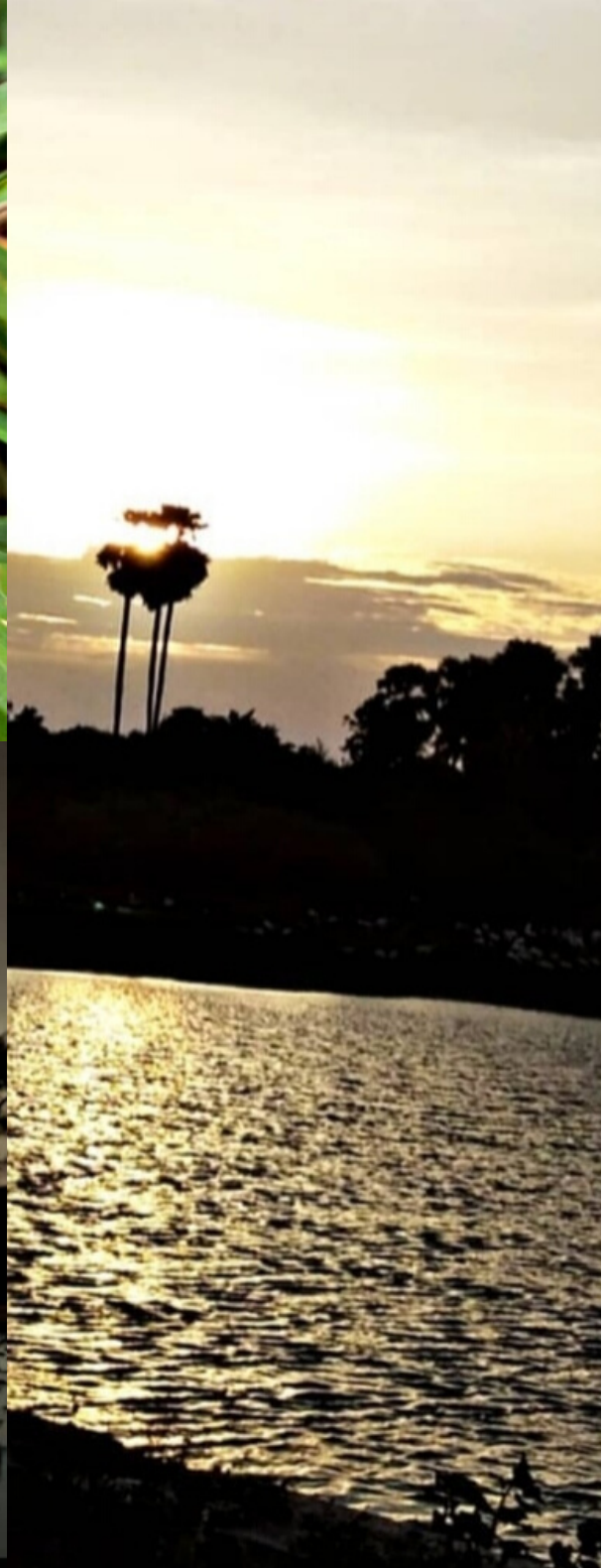
# Deepak Rawat





# Vishnu Balaji .M

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# Paintings

Vishnu Sruthi T A

