

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 **Vishnu Balaji .M, Solomon Raj.A** and **Hariharan.K** of **Second Year B.E CSE** for helping us in putting together a factual newsletter.

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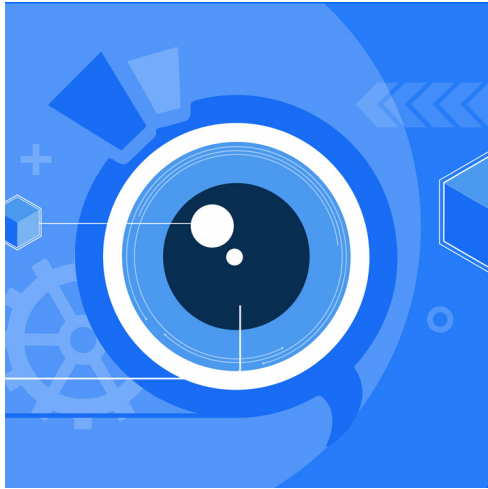
Ms. Shanthini .M
Assistant Professor, CSE



Ms. Aruna.T.N
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.Aruna .T.N has given a lecture on **Expert Systems** on 15.07.2018.
- Ms.Sreeja.G.G has given a lecture on **Computer Graphics and Animation** on 02.09.2018.

Research and Development:

Academic Research:

- Ms.B.Lanitha published a paper on "Enhancing RSA Algorithm for Cloud Security ", Indian J.Sci.Res.
- Ms.B.Lanitha published a paper on "Virtual Extensible Local area network expansion in CNN", Indian J.Sci.Res.
- Mr.R.Suresh Kumar published a paper on "Efficient Defiant Censorship structure with stirring objective defiance of server", International Journal for Research and Development in Technology.
- Ms.A.Suganthi published a paper on "Energy Responsive Path Selection in Hybrid Wireless Networks ",International Research Journal of Engineering and Technology.
- Ms.A.Suganthi published a paper on "A Survey on Ontology Approaches in Data Mining for Various Technologies ",International Journal of Latest Technology in Engineering, Management and Applied Science.
- Ms.A.Suganthi published a paper on "Optimal Route Queries with arbitrary order constraints",International Journal of Management Technology and Engineering.
- Mr.S.Suseendran published a paper on "A Survey about Requirements Engineering ",International Journal of Advanced Research in Computer Science and Technology (IJARCST).
- Ms.G.G.Sreeja published a paper on "Robotic Process Automation for Insurance Claim Registration", International Journal of Advanced Research.
- Ms.G.G.Sreeja published a paper on "Enhancement of Enterprise Resource Planning for Construction Implementation", International Journal of Engineering and Technology.

- Ms.R.Jayashree published a paper on "Portfolio Trackers ", International Research Journal of Engineering and Technology.
- Ms.S.Shivaranjani published a paper on "Portfolio Trackers" ,International Research Journal of Engineering and Technology.
- Mr.R.Raja published a paper on "Secure copier", International Journal of New Technology and Research.
- Ms.M.Shanthini published a paper on "Asset Management system with Auditing Network PC's using Cuba", International Research Journal of Engineering & Technology.
- Ms.M.Shanthini published a paper on "Hetim Bot powered by Natural Language Processing System ", International Research Journal of Engineering & Technology.
- Ms.M.Shanthini published a paper on "Robotic Process Automation for Insurance Claim Registration",International Journal of Advanced Research.
- Ms.T.N.Aruna published a paper on "Asset Management System with audition Network PC's using Cuba ",International Research Journal of Engineering and Technology.
- Ms.T.N.Aruna published a paper on "Hetim Bot powered by Natural Language Processing System", International Research Journal of Engineering and Technology.
- Ms.T.N.Aruna published a paper on "Visitor Management System using Laravel PHP", International Research Journal of Engineering & Technology.
- Ms.T.N.Aruna published a paper on "Right Product to the Right Customer using Cross selling in Insurance ", International Journal of Engineering Science and Computing.

- Mr.V.Vivekanandan published a paper on "SOA Standards for Human Expertise to process Business data", International Journal of Modern Computer Science & Applications.
- Ms.K.Poongothai published a paper on "Energy Responsive Path Selection in Hybrid Wireless Networks Journal", International Research Journal of Engineering & Technology.
- Ms.K.Poongothai published a paper on "A Survey on Ontology Approaches in Data Mining for Various Technologies", International Journal of Latest Technology in Engineering, Management and Applied Science.
- Ms.K.Poongothai published a paper on "Optimal Route Queries with arbitrary order constraints", International Journal of Management Technology and Engineering.
- Ms.R.Vinolina published a paper on "Energy Responsive Path Selection in Hybrid Wireless Networks", International Journal of Engineering and Technology.
- Ms.R.Vinolina published a paper on "Optimal Route Queries with arbitrary order constraints", International Journal of Management Technology and Engineering .

Events held during the year 2018 - 2019

- A Team of five including S.Suvetha, D.K.Vigneshwar, Bhavadharani, Anitha and Janani had Passed in **BEC Exam** on 21.09.2018.
- Gracelin had attended A **Bitcoin Seminar** and A Workshop on **Cloud Computing** and **IoT** on 05.08.2018.
- Meganisha and Bhavadharani had attended Workshop on **Android Application** conducted at Coimbatore Institute of Technology and Workshop on **Mozilla bug verification** which was conducted at our college on 25.02.2018.
- R.Vigneshwari had participated in National Level Technical Symposium "**Code Debugging**" which took place at Tamilnadu College of Engineering on 26.09.2018.
- Atchaya is 2 Years Runner in **Badminton** conducted in Anna University on 12.08.2018.
- A Team of seven including P.Aswin, V.Keerthana, M.Manoj, S.Mathesh, T.Naveen Bala, G.Ramya and M.Santhosh had attended a Workshop on **Android App Development** on 24.07.2018.
- S.Sudhakaran and K.Hariharan had attended **Mobile Repairing** workshop conducted in our college on 19.01.2018.
- A team of five including R.Surya Prabha, S.Praveena, N.Nivetha, K.S.Nivethitha and M.Vinitha had attended the Workshop on **Ethical Hacking,Pointer Camp** which took place at our college on 24.07.2018.
- S.Sudhakaran and S.Varun had attended a Workshop on **Ethical Hacking** in our college on 24.07.2018.
- A Team of six including P.Aisvarya, B.Ajeeth, R.Anusha, F.Jency, B.M.Manoj and S.Mathesh had Participated in **Kovai Digi Hack** - Hackathon on 04.08.2018.

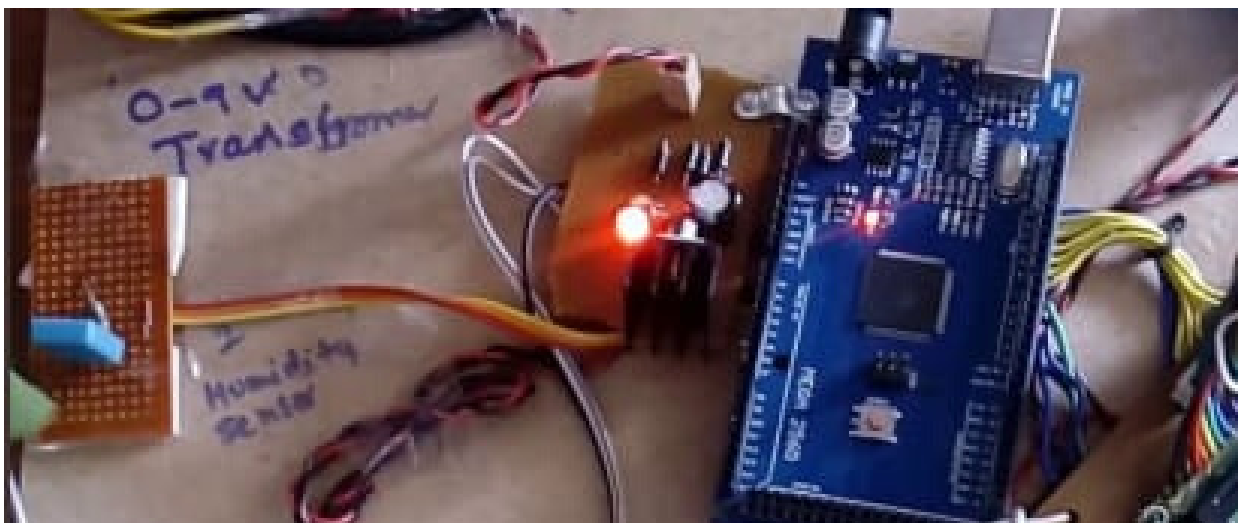
- R.Surya Prabha and M.Vinitha had participated in Participated in **Facebook Hackathon** on 08.07.2018.
- S.Vishakanandan had attended a workshop **Tribal Designing** on 08.07.2018.
- S.Mathesh had conducted in workshop on **Ethical Hacking** on 17.06.2018.
- A Team of three including S.Jayashri, R.Rajadurai and H.Meenakshi had attended a workshop on **Android App Development** using **KOTLIN** in **YUGAM 2018** at Kumaraguru College of Technology, Coimbatore on 10.02.2018.
- A Team of three including G.Gokulakrishnan, E.Aravind and A.N.Gokul Kanna had participated in a workshop on **Ethical Hacking** in our college on 24.07.2018.
- D.Shankar had attended workshop on **Ethical Hacking** at KITE, Sivakasi on 17.06.2018.
- D.Shankar, R.B.Sanjay and T.Nivetha had Participated in **Android Hackathon** conducted at **Sparkout Technologies** 13.10.2018.
- A Team of three including V.M.Sathyapriya, N.Sivaani and S.Sushanthika had Participated in **Digihack** in our college on 05.08.2018.
- M.Swarna Vikram had attended Workshop on **Facebook** in our college on 08.07.2018.
- A Team of six members including S.Midhun Dhana Kumar, M.Nishanth, G.Ramya, S.Praveena, N.Nivetha and S.Vishakanandan had participated in a hackathon themed **Kovai Digi Hack** on 05.08.2018.

Student Achievements

- A team of five including S,Suvetha, D.K Vigneshwar, Bhavadharani, Anitha.M and Janani.R.C had passed in BEC Exam, 21.09.2018.



- A Team of three Students D. Shankar, Y. Ramshankaran, S. Prathvik has received award on Remote Farming –IoT and won First place at KGiSL Institute of Technology, 2018 and achieved 5th Place in TamilNadu Innovation Grand Challenge at Forge (TNIGC-2018)



- A Team of Five Students R.Sam Dany, D.Shankar, Y.Ramshankaran, S.Prathik has received award for Home Automation and won First place at KGiSL Institute of Technology, 2018



- A Team of students has received award for Door Man V.M Sathyapriya, M. Sivani, S. Shushanthiika had won second place at KGiSL Institute of Technology, 2018



- P. Terry John Paul, C. Vishwas, Sathish A.p, Vinod. R, Sowmiya. R, Suganthi Stella .K has participated in Smart India Hackathon-2018 Software Edition conducted at Mumbai.



- S. Mathesh, D. Shankar, Y.Ramshankaran, S.Prathvik, R.B Sanjay had conducted worksoop on Ethical Hacking at KGiSL Institute of Technology, 2018



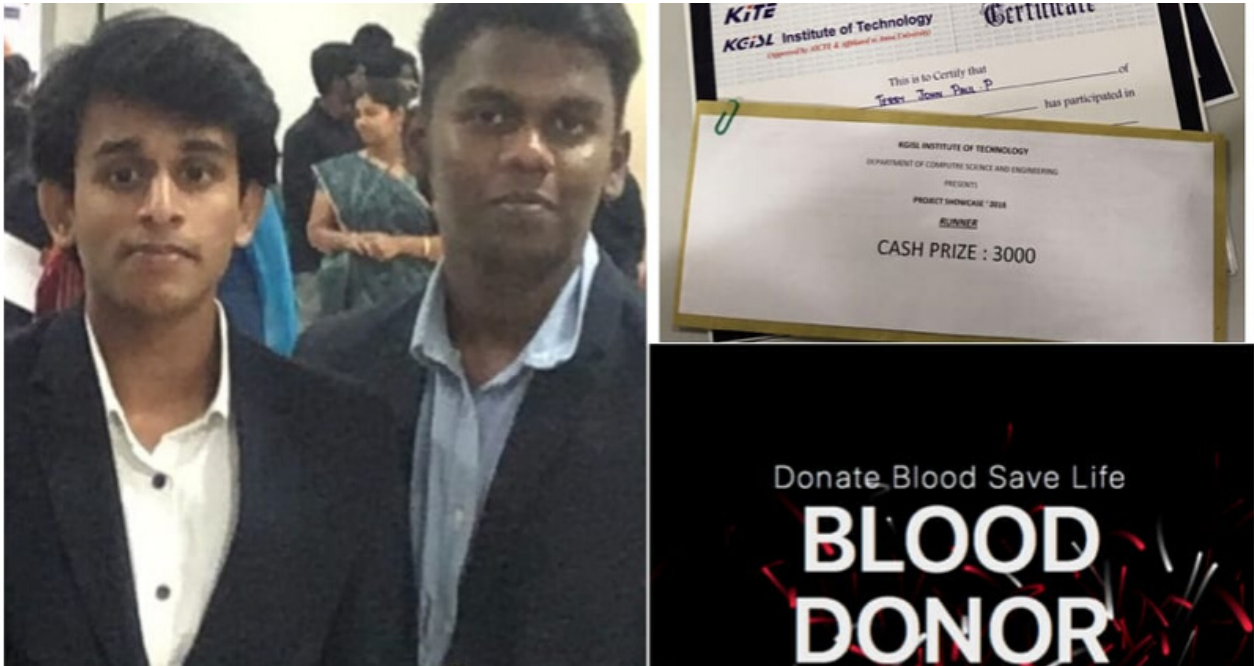
- Shankar.D, Y.Ramshankaran, S.Prathvik, Sanjay.R.B, Pavithra.K.T, Poojavigni.S.S has secured 4th Place in Smart India Hackathon- 08.07.19 Hardware Edition conducted at IIT Kanpur, Delhi.



- Sudhakar.S, Vinitha.M, SuryaPrabha.R, Solomon Raj.A Sowmyanarayanan. R, Nitheeswaran, Ajeeth .B and Nishanth.M has won in 100 days coding contest held at KGiSL Institute of Technology, 2018.



- A Team of Students P.Terry John Paul, C.Vishwas has received award for Blood Donor and won Second place at KGiSL Institute of Technology, 2018.



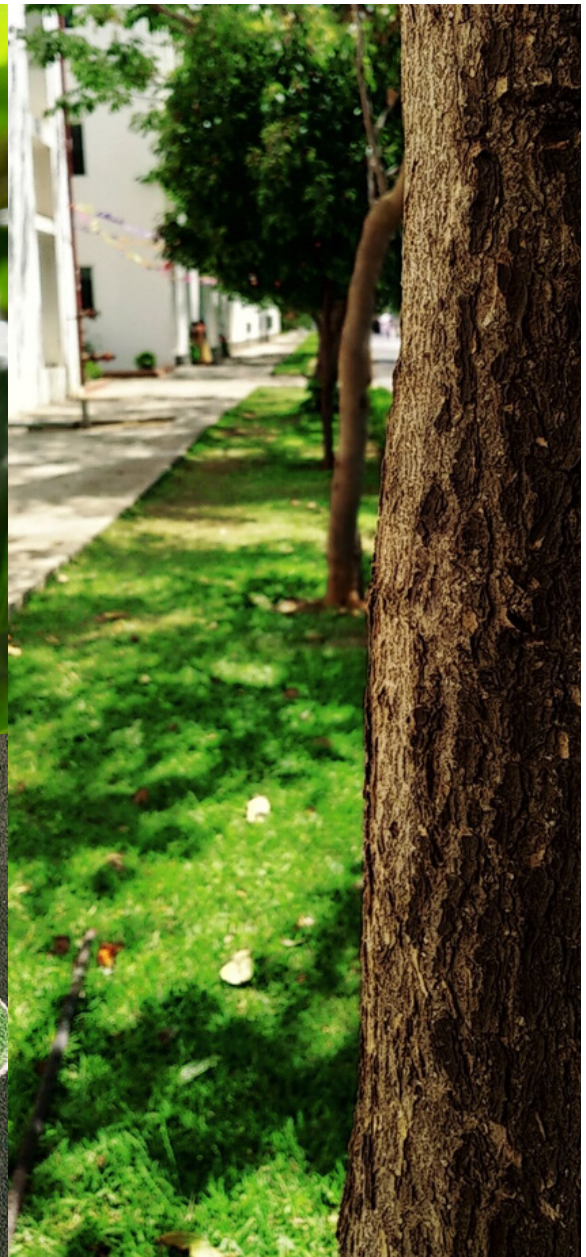
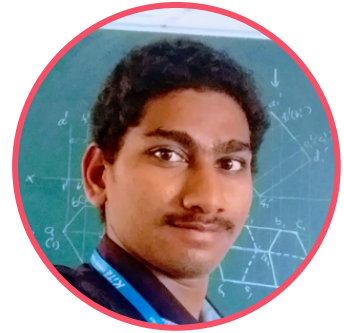
- P. Terry John Paul, C.Vishwas of II CSE won 2nd prize in "Project Showcase" held at KGiSL Institute of Technology in March 2018.
- A Team of students Sathyapriya.V.M, Sivaani N and Sushanthika S of III year CSE won 2nd prize in "Digihack" Hackathon held at KGiSL Institute of Technology in 05.08.2018.
- Atchaya III CSE and Ramya I CSE got II place in Badminton conduct at Kumaraguru in Anna University tournament (2018-2019).

Students Avocations

Photography

Hariharan .K

[aandavar_photography]



Ragul Reef



Paintings

Pavithra K T





Rajadurai R



