



**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY



# SAKSHIN

MONTHLY NEWSLETTER OF DEPARTMENT OF  
CSE/CSE(AI)

## VISION

Nurturing globally competent Computer Science and Engineering graduates capable of taking challenges in the Industry and Research & Development activities

## MISSION

Imparting quality education to meet the needs of industry, and to achieve excellence in teaching and learning

Inculcating value-based, socially committed professionalism for development of society

Providing support to promote quality research

## NEWS CORNER



A group of 30 students and 4 faculty members from Ilahia College of Arts and Science, Muvattupuzha, visited our TBI and FAB Lab to learn about the startup ideation process, product development, and marketing strategies used on our campus.



February 23

### 13th Feb 2023 :

Officials from KMEA College of Engineering and Technology visited our TBI and FAB Lab to study about the incubation and Fab activities in our campus.



### 14th, 15th Feb 2023 :

The Kerala Development and Innovation Strategic Council (KDISC) recently organized a two-day departmental workshop for the Young Innovators Program (YIP 5.0) at The Renai Hotel in Ernakulam. As part of this event, 16 students from ASIET, guided by Professor Ajay Basil Varghese, were given the exclusive opportunity to engage with government officers from 22 different departments to help identify and solve the problems faced by each department. Our student innovators will now have the chance to submit innovative project proposals aimed at solving these identified problems.



### 16th Feb 2023 :

Dr. Eldose K K and Prof. Ajay Basil Varghese delivered sessions on Creative thinking and Problem solving at Bhavans Vidya Mandir Velloor.





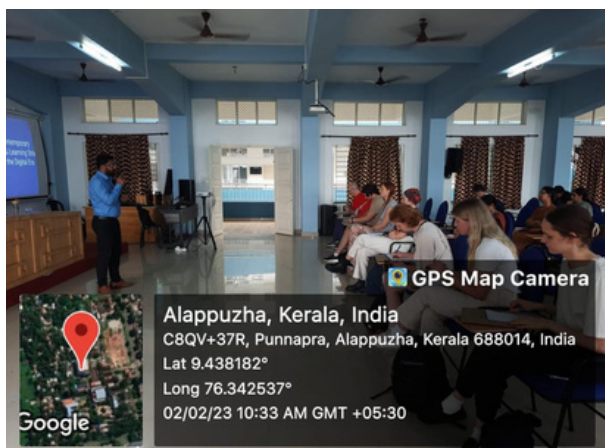


## 27th Feb 2023 :

Professor Ajay Basil Varghese recently gave a session titled

"Trigger Your Passion" at PSNACET in Dindigul, Tamil Nadu.

Around 100 students from different departments attended the event.



## 2nd Feb 2023 :

Prof. Manesh T served as the resource person during the Faculty Development Program on "Reshaping Teaching and Learning Process for the Digital Era" organized by the Department of Civil Engineering at Carmel College of Engineering & Technology, Punnapra, Alappuzha.

During the program, he conducted sessions on "Contemporary Teaching and Learning Strategies for the Digital Era."

The sessions covered various significant teaching pedagogies, such as collaborative and cooperative learning, game-based learning, experiential learning, and project-based learning, among others. He discussed different ways to incorporate these strategies into the current teaching and learning process in detail. Furthermore, he demonstrated the use of Virtual Labs and ChatGPT in supporting the latest educational strategies. Faculty members from several colleges in India as well as Australia attended his sessions



February 23

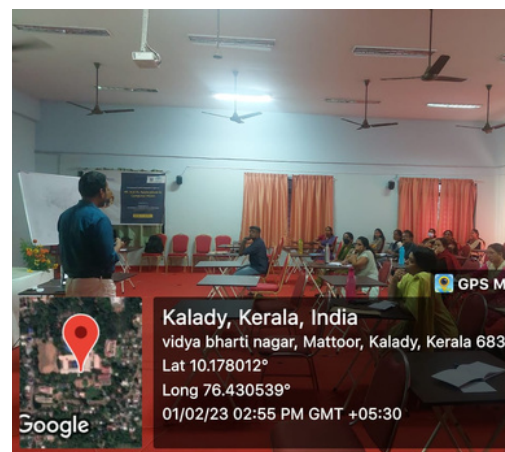
## 1st February 2023 :

Prof. Rajaraman delivered a lecture on the topic "Explainable AI" for a Faculty Development Program organized by ECE Department. The lecture was attended by close to 30 participants and was sponsored by APJ Abdul Kalam Technological University . The lecture started by introducing the concept of Explainable AI (XAI) and why it is becoming increasingly important as AI algorithms become more complex and opaque.

Then the speaker went on to explain the different techniques that can be used to achieve XAI, including rule-based systems, decision trees, and local interpretable model-agnostic explanations (LIME). The audience was encouraged to ask questions and share their own experiences with AI

systems. The lecture concluded with a Q and A session, where participants asked questions about the ethical implications of XAI, the limitations of the different techniques, and the future of XAI research. The speaker provided thoughtful and insightful answers to all the questions, and the audience left with a better understanding of the importance of XAI and the different techniques that can be used to achieve it.

Overall, the lecture was informative and engaging, and the interactive format allowed for a lively discussion among the participants.



## 22nd February 2023 :

Industry-Academia Interaction : Prof. P. V Rajaraman, Dr. Ajay Kumar, and Prof. Manesh T visited CMET in Trissur to discuss a research alliance between ASIET and CMET. During their visit, they had a meeting with Dr. N Reghu, Director of CMET, and Dr. Seema, Senior Scientist, to explore opportunities for collaborating on research in the fields of IoT and AI. The aim is to find solutions for real-world challenges, such as environmental pollution, water level monitoring, flood alert systems during monsoon, and more. The officials of CMET also showcased various in-house developed sensors and IoT solutions designed to address several issues..







## PROFESSIONAL STUDENTS SUMMIT 2023



### 11th February 2023:

Students from the various departments of Adi Shankara Institute participated in the third edition of the Professional Students' Summit at the Adlux Convention Centre in Angamaly. The event witnessed participation from students coming from all professional backgrounds like Engineering, Pharmacy, Medical, Law and so on. It had begun with the formal inauguration by the Chief Minister of Kerala, Sri Pinarayi Vijayan and then proceeded to a talk by Prof R. Bindu, Minister for Higher Education and Social Justice, Government of Kerala.

The event had many workshops in store suiting the best for each of the departments. The students were also given an enlightenment on how to start an entrepreneurial journey and a live Q&A session with the Chief Minister. The event concluded with an energized music tick by the AGAM.



## WELCOME ABOARD

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Ms. Gayathri Dili, an Assistant Professor, is deeply passionate about machine learning and artificial intelligence. She possesses six years of teaching experience and holds a Bachelor's degree in Computer Science and Engineering from SCMS School of Engineering and Technology, as well as a Master's degree in Computer Science and Engineering from Sree Narayana Gurukulam College of Engineering. Ms. Gayathri Dili's professional experience includes working as an Assistant Professor in the CSE Department at Christ Knowledge City from June 2017 to November 2017, followed by her tenure at the SNGIST Group of Institutions until February 2023. During her tenure at SNGIST, she held the position of IQAC coordinator and also played the role of additional nodal officer in IEDC..

## FACULTY CORNER

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- Divya K S, Gripsy Paul Mannickathan, Neetha K Nataraj, Raghi R Menon, Simi M S, and Sumesh M S participated in a five-day offline Faculty Development Program (FDP) sponsored by KTU on "ADDRESSING OPEN PROBLEMS IN MEDICAL DOMAIN THROUGH ARTIFICIAL INTELLIGENCE." The FDP was held at Muthoot Institute of Technology and Science from January 30th, 2023 to February 3rd, 2023.
- Teena George, Sobha T, Prabhu M, Rosemary Varghese, Joseph George and Anila S have attended the APJ Abdul Kalam Technological University sponsored Faculty Development Programme on "ML & DL Applications in Computer Vision" organized by the Department of Electronics and Communication Engineering, Adi Shankara Institute of Engineering and Technology, Kalady, Ernakulam from January 30th, 2023 to February 3rd, 2023.





## STUDENT CORNER

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- Ben Jose Joseph from S6 CSE(AI) attended 'Best Manager' Competition in connection with Daksh, a national event conducted by De Paul college , Angamaly.
- Aaron P Laju of S6 CSE(AI), has successfully completed a MOOC on "Introduction to TensorFlow for AI, ML, and DL" provided by Coursera and DeepLearning.AI
- 11th Jan 2023 : Antony Thomas of S6 CSA has successfully completed an online course "Introduction to Software, Programming and Databases" authorized by IBM Skills Networks through Coursera.
- 14th and 28th Jan. 2023 : Sanjay Gireesan, Rohith B, Samson Thomas, Sankar M V, K A Harikrishnan, Jemiyah Lijo, Rahul Prasad, Joyal Jojo, Pranav Asokan, Sidharth Radeep M, Najiya Nasrin A A, Midhuna Eldho, Meera Ajith, and Alvin C Alias from S6 CSE-B and Akshay A Shenoy of S6 CSE-A participated in two one-day workshops. The first was on "Self-Driving Electric Vehicles" held on January 28th, 2023, and the second was on "Basics of AutoCAD & SketchUp" held on January 14th, 2023. These workshops were organized by Techmaghi in association with KSHITIJ, IIT Kharagpur.
- A group of 20 students from S6 CSE-AI recently participated in a one-week technical workshop titled "Digital Skills for the Transportation Industry" at Tata Elxsi Kozhikode. During the workshop, they gained valuable insights into the latest trends and developments in the transportation industry. Moreover, the students had the opportunity to apply their newly acquired skills by completing a mini-project focused on transportation and driving systems. This hands-on experience allowed them to further enhance their knowledge and technical expertise in this rapidly evolving field.
- 3rd Feb. 2023 : Nandana Narayan Das of S4 CSE(AI) attended a workshop "EXPLORE ML WITH CROUDSOURCE" conducted as a part of IHRD Tharang 2023 at College of Engineering, Chengannur.
- Rahul Mohan of S6 AI have completed a course on Google Data Analytics Profesional by Course-era. He has also achieved certificate on completing.



## PLACEMENTS

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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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# Congratulations

DEPT. OF COMPUTER SCIENCE & ENGINEERING



**DONA ANTONY  
GADGEON**



**APPU V A  
NEBULA CLOUD**



**C S POOJA  
NEBULA CLOUD**



**CHRIS JOSEPH THOMAS  
NEBULA CLOUD**



**AFSANA SHAHUL  
MAVERIC**



**JANNATH PARVIN  
MAVERIC**



**AISWARYA K SHAJI  
MAVERIC**



**ABHIJITH E S  
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# Congratulations

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## Sutherland Global Services



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**AKSHAYA S P**



**AKSHAY P RAJ**



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**SANATH SAVIO  
NELSON**



**KISHORE BABU**



**SWATHY J DAS**



**MEGHA RAJU**



**MEENAKSHI  
ASHOKAN**



**MRIDUL KRISHNA**



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*Congratulations*

**Placed in Federal Bank**

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S8 CSE B



**Jyothi Krishna P**  
S8 CSE B



**Lakshmi Sharma**  
S8 CSE B



**Sidharth Rajesh**  
S8 CSE B

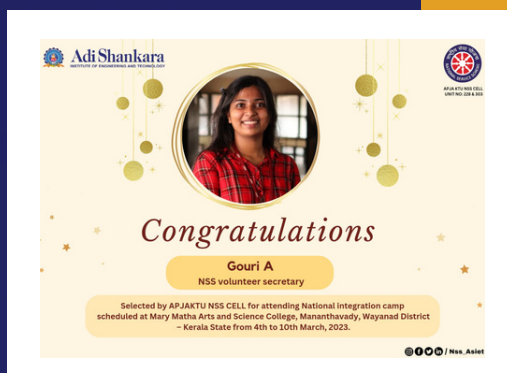


**Adith Menon AjithKumar**  
S8 CSE A





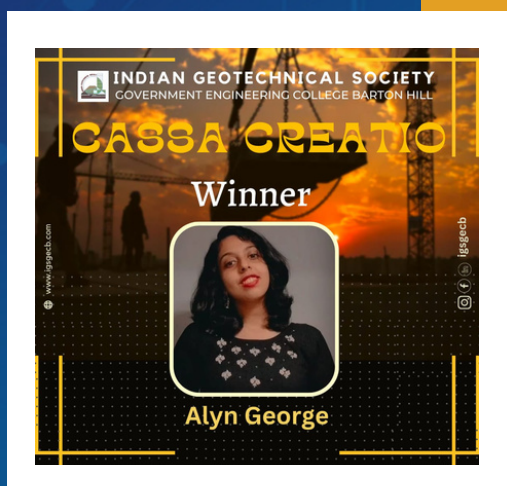
## ACHIEVEMENTS



Gouri A, a student of S6 CSAI, has been selected by the APJAKTU NSS CELL to participate in the upcoming National Integration Camp at Mary Matha Arts and Science College in Mananthavady, Wayanad District, Kerala. The camp will be held from March 4th to 10th, 2023.



Sanjay Gireesan of S6 CSE B, participated in a Quiz competition called "INQUIZZITIVE," which was organized as part of the departmental festival, Shristi 2.3, held at St. Thomas College in Thrissur. He was awarded the second prize in the competition.



Congratulations to Alyn George of S4 CSAI for winning the "Cassa Creatio" competition organized by the Indian Geological Society at Government Engineering College, Barton Hill.



14th Feb. 2023 : Abhinav Raj of S4 CSA, recently represented the ASIET team in the KTU D-ZONE cricket tournament held at FISAT from February 7th to 9th. His impressive performance in the tournament earned him a spot in the selection rounds for the KTU University team, which took place in Palakkad.

## KTU END SEMESTER EXAM RESULTS

**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

2021-2025 CSA SEMESTER II TOPPERS!!

*Congratulations!* SGPA 8 & above

 AKHIL S ANIL (SGPA 9.5)	 ABHILASH ASHOKAN (SGPA 9.43)	 FEBIN VARGHESE (SGPA 9.29)	 GOPIKRISHNA V (SGPA 9.0)	 ABHINAND K PRA (SGPA 8.86)
 ARSH R NAMBOOTHIRI (SGPA 8.79)	 AASIF RAFEECK (SGPA 8.71)	 FABIYA PHILOMINA M J (SGPA 8.6)	 AFEEF BASHEER (SGPA 8.57)	 ALFRED ANTO (SGPA 8.4)
 ALISHA K S (SGPA 8.38)	 ASHIL PANIL (SGPA 8.31)	 ANTONY VIVEK K A (SGPA 8.17)	 AMAL MATHEW (SGPA 8.1)	 ANSIF M SHAMS (SGPA 8.0)

DEPARTMENT OF  
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NEA

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**KTU S2 EXAMINATION RESULTS**  
2021-2025 CSE-B

**SGPA ABOVE 8**

 Jiffina Rodrigues 9.64	 Safa R H 8.74	 Shoun Augustine 8.71
 Sangeeth Shabu Thambi 8.38	 Seethal Baby 8.38	 Varsha V Ramesh 8.24
 PA Mohammed Fayad 8.12	 Sanjay Menon 8.07	 Saurav S Pai 8.05

*Congratulations!*





February 23

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ASJET

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
(ARTIFICIAL INTELLIGENCE)

2021-2025 CS(AI) SEMESTER II TOPPERS!!

**Congratulations!**

SGPA 8 & ABOVE

 ALEENA VARGHESE (SGPA : 9.43)	 JOAN TERESA JOSE (SGPA : 8.86)	 GOURI RAJ (SGPA : 8.83)	 AKSHARA BALAN (SGPA : 8.62)
 RICHARD B MELATH (SGPA : 8.6)	 SAFIYA M MOHAMMED (SGPA : 8.5)	 ABHIRAMI E A (SGPA : 8.29)	 SWATHI DINESH (SGPA : 8.29)
 DHIKRA NAZAR (SGPA : 8.26)	 SALMAJAN P N (SGPA : 8.24)	 MADHAVAN V (SGPA : 8.19)	 DURGESH K R (SGPA : 8.02)

DEPARTMENT OF  
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**Congratulations**

KTU S6 EXAMINATION JUNE 2022  
RESULTS

**SGPA ABOVE 8**

 Merin James S8 CSE B SGPA-8.96	 Ajay Antu S8 CSE A SGPA -8.87	 Alfiya MJ S8 CSE A SGPA-8.83	 Jannath Parvin S8 CSE A SGPA-8.61	 Ashna Saju S8 CSE A SGPA-8.59
 Devika N S8 CSE A SGPA-8.52	 Aadithyanarayanan VA S8 CSE A SGPA-8.50	 Abhijith Jaideep S8 CSE A SGPA-8.37	 Anusha PS S8 CSE A SGPA-8.28	 Abhijith ES S8 CSE A SGPA-8.20
 Honey M S8 CSE A SGPA-8.17	 Mridul Krishna S8 CSE B SGPA-8.15	 Dona Antony S8 CSE A SGPA-8.11	 Akshaya SP S8 CSE A SGPA-8.09	 Joseph George Padayatty S8 CSE B SGPA-8.09
 Revathy Jess S8 CSE B SGPA-8.07	 Lekshmi Sharma S8 CSE B SGPA-8.04	 C S Pooja S8 CSE A SGPA-8.00	 Sruthilaya Jyothidas S8 CSE B SGPA-8.00	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
KTU S4 RESULTS TOPPERS

**Congratulations**

 Roshan Davis 9.55	 Haridev K K 9	 Geethu B 8.86	 Ashwin Raguraj 8.77
 Paul Thomas 8.73	 Sneha Rajan 8.59	 Akshay A Shenoy 8.59	 Revathy P M 8.55
 Mariya Jacob 8.55	 Alen Joby 8.41	 Muhammed Nihal 8.37	 Linu Joy 8.36
 Anjana V Nair 8.35	 S Shreya Parvathi 8.32	 Bincy Rajan 8.32	 Anurtha Ajith 8.32
 Alfiya K A 8.18	 Meera Ajith 8.14	 Elsa Thomas 8.14	 Samson Thomas 8.09
 Ann Mariya Jose 8.09	 Savu P Sudheep 8.05	 Basil George 8	

Ydya Bharathi Nagar, Mattoor, Kalam, Ernakulam District, Kerala State Pin: 683574

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
(ARTIFICIAL INTELLIGENCE)

**SGPA ABOVE 8**

**Congratulations!**

 Anrose 8.77	 Ashik K J 8.74	 Cleeto 8.68
 Aswin 8.41	 Srinidhi 8.09	 Aleena Mariya 8.05



## UPCOMING EVENTS



02-02-2023: The Spirit is Rising!

With a new and refreshed look Brahma'23 is back On. Brace yourselves to witness the official logo launch on 20 February,2023. Joining us for the madness will be team Tarana Band ☆☆ with a live performance to enliven the audience. So behold and get ready to unveil the new face of Brahma'23.

Awaken the Creator Within



\_"Challenge your limit, never miss an opportunity" \_

Adi Shankara Institute of Engineering and Technology, proudly presents to you Adi Shankara Gameathon, a 3-day long Gameathon as a part of Adi Shankara Hackathon 2K23 to showcase your passion for gaming. Be up for the challenge of coding your way to glory & win the prize pool of 2.5L that awaits you





## TECH NEWS

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- Samsung recently announced the launch of a two-way satellite connectivity system.
- Amazon has completed its \$3.9 billion acquisition of One Medical, a health company.
- Infosys has expanded its cloud offerings by partnering with Microsoft.
- Digisol has introduced a new range of Wi-Fi 6 access points that promise improved performance.
- Some Amazon employees may face pay cuts of up to 50% this year.
- Microsoft's AI-powered Bing search engine is now available on iPhones and Android devices.
- Meta (formerly Facebook) is reportedly planning to cut thousands more jobs.
- Ola, an Indian ride-hailing company, has announced plans to build the world's largest electric vehicle hub in India.
- Ericsson, a telecommunications company, has announced layoffs and plans to fire 1,400 employees globally.
- Wipro, an IT services company, has cut the pay of freshers by 50% and now offers a salary package of ₹3.5 lakh per year.

## BLOGGING CORNER

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ChatGPT is a new artificial intelligence technology that can generate code from natural language descriptions. This could potentially replace the need for programmers to write code, as ChatGPT can do it for them.

There are four major development approaches. It is unlikely that ChatGPT or any other language model will replace programmers. Language models such as ChatGPT are designed to assist with natural language processing tasks and generate human-like text based on the input they receive.



In the past few years, there has been a lot of talk about Artificial Intelligence(AI) and its potential to replace human jobs. One of the latest examples of this is ChatGPT, a chatbot that has been designed to generate code. So, is ChatGPT going to replace programmers? In this blog post, we will explore this question in more detail. We will also look at some of the potential benefits and drawbacks of using such a tool.

The main advantage of using ChatGPT is that it can save programmers a lot of time. Instead of having to write out code, they can simply describe what they want the code to do, and ChatGPT will take care of the rest.

This could speed up the development process significantly, as well as making it easier for non-programmers to create software.

Another potential advantage is that ChatGPT might be able to create better code than humans. It has been shown to be able to outperform programmers in some tasks, such as bug fixing.

This means that it could potentially create more reliable and efficient software.

Of course, there are also some disadvantages to using ChatGPT. One is that it is still in its early stages of development, so there are bound to be some bugs and issues with it.

Another is that ChatGPT might not be able to understand complex concepts or do creative work as well as humans.

Overall, ChatGPT has the potential to replace programmers in many cases. It can save time and produce better quality code than humans in some cases. However, it is still early days for the technology and there are some limitations to its capabilities.



Karthik P S  
S6 CSE(AI)

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