



# SAKSHIN

MONTHLY NEWSLETTER OF DEPARTMENT OF  
CSE/IT

## VISION

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

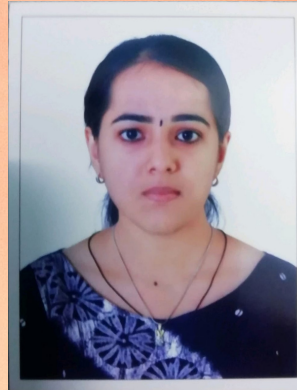
## MISSION

- *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*

## S3 UNIVERSITY RESULT TOPPERS



**Ajay Antu**  
(S4 CSE A)  
SGPA - 10.0



**Ashna Saju**  
(S4 CSE A)  
SGPA- 10.0



**Abijith Jaideep**  
(S4 CSE A)  
SGPA- 10.0

We have 38 students with SGPA more 9 and 71 students with SGPA more than 8.



**Dr. Suresh Kumar V**  
Principal

## KTU GUIDESHIP

Happy to inform you that our Principal, Dr. Suresh Kumar V has been awarded PhD Guideship status by APJKTU. He is the Research Scholar in 'Cloud and Networking' of CSE.



## EDITORIAL BOARD

CHIEF EDITOR & CREATIVE DESIGN : ASST.PROF.REMYA VINAYAKUMAR

CONTENT TEAM : DHIYA THOMAS (S3 CSE A), SUDARSAN (S3 CSE B),  
A.R NANDAGOPAL (S5 CSE A), VINDHUJA(S5 CSE B), ARATHY S KUMAR &  
NAVEEN S (S7 CSE) & ANU MARY & ANJANA BENNY (S7 IT)

CONTACT US:

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# Congratulations

TO THE PLACED STUDENTS (2018-22) AT



**Arjun S**  
S7 CSE A  
MARLABS, MuSigma,  
QUEST GLOBAL



TATA  
CONSULTANCY  
SERVICES



driving digital agility



**Dona Maria**  
S7 CSE A  
TCS



**Anadhakrishnan K M**  
S7 CSE A  
TCS



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S7 CSE A  
TCS



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TCS



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TCS, MARLABS



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TCS



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S7 CSE A  
TCS



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TCS, MARLABS



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S7 CSE A  
TCS, MARLABS



**David PT**  
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QUEST GLOBAL



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S7 CSE A  
QUEST GLOBAL



**Anusree**  
S7 CSE A  
QUEST GLOBAL  
MuSigma



**Arya KM**  
S7 CSE A  
QUEST GLOBAL



**Elias Thambi**  
S7 CSE A  
MARLABS, MuSigma



**Aditya Krishna**  
S7 CSE A  
MARLABS



**Gautham G Panicker**  
S7 CSE A  
MuSigma



**Ardra N P**  
S7 CSE A  
MuSigma



**Anagha A Nair**  
S7 CSE A  
MuSigma



**Anu Manjooran**  
S7 CSE A  
MuSigma



**Sreehari Jeevan**  
S7 CSE B  
TCS



**Gouri V Ramesh**  
S7 CSE B  
TCS



**Manu Lalu**  
S7 CSE B  
TCS



**Rose Mariya Baiju**  
S7 CSE B  
TCS



**Shivali K A**  
S7 CSE B  
TCS



**Gopalakrishnan R**  
S7 CSE B  
TCS



**Midhun K S**  
S7 CSE B  
TCS



**V Krishnadev**  
S7 CSE B  
QUEST GLOBAL



**Pooja Nair**  
S7 CSE B  
QUEST GLOBAL



**Jayanth Rama Varma**  
S7 CSE B  
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**Sravan Varghese**  
S7 CSE B  
QUEST GLOBAL



**Srivathsan**  
S7 CSE B  
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MuSigma



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S7 CSE B  
QUEST GLOBAL



**Namitha Sabin**  
S7 CSE B  
QUEST GLOBAL  
MuSigma



**Sagar Saji**  
S7 CSE B  
MuSigma



**Meenakshi P D**  
S7 CSE B  
MuSigma



**Vindhuja K**  
S7 CSE B  
MuSigma



# SUYATI - Industry Academia Partnership

'Suyati' has selected 15 students from our college who came top in their ranking, for the industry collaborated projects. The students selected from S4 CSE are Shama Thomas, Ankit S Baktha, Arjun Ramesh Nair, Gokul Krishna, Lekshmi Sharma , Aditya Narayan VA and Abhijeet Jayadeep.

## IEEE

Congratulations to the students of IEEE for receiving the IEEE Regional Exemplary Student Branch Award 2021 .





## BON VOYAGE 2017-21 BATCH !!!!!

Farewell program of 2017-2021 CSE & IT batch was conducted on 30/10/2021 at the campus.



## KTU PHD ADMISSION

Asst.Prof.Gripsy Paul Mannickathan, Asst.Prof.Neetha K Nataraj and Asst.Prof.Sumesh M S are provisionally selected for Ph.D Registration 2020 - 21 under APJ Abdul Kalam Technological University from Department of Computer Science and Engineering.



**Asst.Prof.Gripsy Paul  
Mannickathan  
Dept. of CSE**



**Asst.Prof.Sumesh MS  
Dept. of CSE**



**Asst.Prof.Neetha K Nataraj  
Dept. of CSE**

## **STUDENTS CORNER**

### **ONLINE COURSES/WEBINARS/WORKSHOPS**

- Malu Mohan and Gayathri Devi C G of S2 CSE (AI) attended "Cancer Awareness" webinar conducted by NSS unit, ASIET on 10/10/2021.
- Dona Antony of S4 CSE A attended a "Curriculum Development Internship" on 09/10/2021.
- Rincy Pereira of S2 CSE (AI) secured second prize in group dance and 3rd in single dance in 'LAYAM 2021', conducted by ASIET.
- Paul Thomas of S2 CSE B participated in the "PCB Designing Workshop" and worked as a Campus Ambassador of the event on 2/10/2021 & 3/10/2021. He also participated in "GDG DevFest India 2021", a webinar conducted by Google Developer Group from 22/10/2021-24/10/2021.

## **FACULTY CORNER**

### **FDP attended/workshop attended/webinar**

- Asst.Prof.Remya Vinayakumar , Asst.Prof.Rosemary Varghese and Asst.Prof.Jain Stoble B attended the International webinar on "Revalidation of Ethics and Values" on 27/10/2021.
- Asst.Prof.Gripsy Paul Mannickathan attended Webinar on " Legal structures and Ethical steps in Establishing startup "on 23/10/2021 organized by IIC, ASIET.

### **Paper Publication/Presentation**

- Dr. Deepika M. P has published a paper on "A Novel Model for Aligning Online Teaching-Learning and Evaluation With Bloom's Taxonomy", in the Design Engineering,4984-4995 ( SCOPUS)



## The Tech-News

### What is BGP, and what role did it play in Facebook's massive outage

At a very basic level, BGP is one of the systems that the internet uses to get your traffic to where it needs to go as quickly as possible. Because there are tons of different internet service providers, backbone routers, and servers responsible for your data making it to, say, Facebook, there's a ton of different routes your packets could end up taking. BGP's job is to show them the way and make sure it's the best route.

When it comes to BGP, the internet is broken up into big networks, known as autonomous systems. You can sort of imagine them as island nations — they're networks that are controlled by a single entity, which could be an ISP, like Comcast, a company, like Facebook, or some other big organization like a government or major university. It would be extremely difficult to build bridges connecting every island to all the others, so BGP is what's responsible for telling you which islands (or autonomous systems) you have to go through to get to your destination.

Since the internet is always changing, the maps need to be updated — you don't want your ISP to lead you down an old road that no longer goes to Google. Because it'd be a massive undertaking to map the entire internet all the time, autonomous systems share their maps. They'll occasionally talk to their island neighbors to see and copy any updates they've made to their maps

Using maps as a framework, it's easy to imagine how things can go wrong. Back when consumers first got access to GPS, there were always jokes about it having you drive off a cliff or into the middle of the desert. The same thing can happen with BGP — if someone makes a mistake, it can end up leading traffic somewhere it's not supposed to go, which will cause problems. If it isn't caught, that mistake will end up on everyone's map.

*For more information, visit :*

<https://www.theverge.com/2021/10/4/22709260/what-is-bgp-border-gateway-protocol-explainer-internet-facebook-outage>