



# 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*

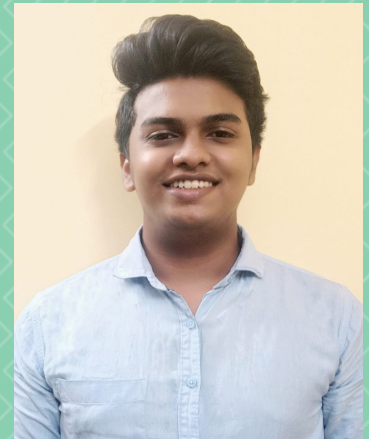
## MISSION

- *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*

## RECENT PLACEMENTS



Sandra Surendran  
(S8 CSE)  
UST Global &  
Image Infosystems



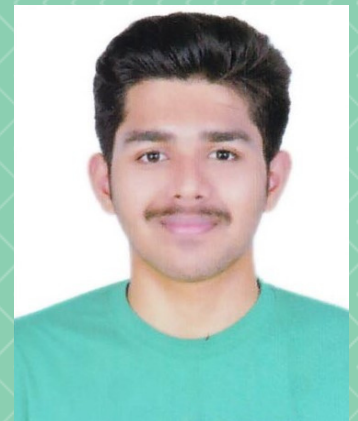
Rahul Manoj  
(S8 CSE)  
UST Global



Sreelakshmi T S  
(S8 CSE)  
Image Infosystems



Riya Cheriyan  
(S8 CSE)  
Image Infosystems



Saurav S Krishnan  
(S8 CSE)  
UST Global &  
Image Infosystems



## EDITORIAL BOARD

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A.R NANDAGOPAL (S5 CSE A), VINDHUJA(S5 CSE B), ARATHY S KUMAR &  
NAVEEN S (S7 CSE) & ANU MARY & ANJANA BENNY (S7 IT)

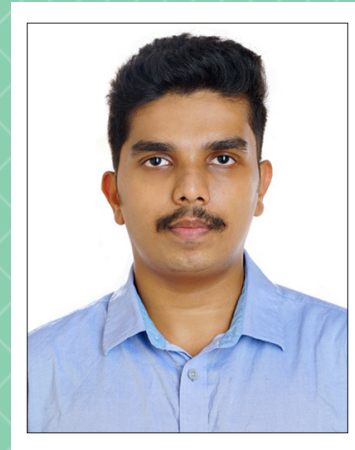
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Krishnapriya B  
(S8 CSE)  
UST Global &  
Image Infosystems



Aalap P Joshy  
(S8 CSE)  
Image Infosystems

## COMMENCEMENT OF ONLINE CLASSES

As per the instruction from KTU, we have started the online classes for Semester II and Semester IV from 26/04/2021.

## UPCOMING EVENTS



Learn python online  
to improve your skills  
in engineering

Learn Programming online  
& Certify your Skills

Batches starting from 10th MAY 2021

Course Fee\*

Day Batch	₹ 1,500/-
Evening Batch	₹ 2,000/-

Registration open till 7 MAY 2021

**KEY FEATURES**

- Certification in Python
- 24 hours of industry-lead training (3 hr session / day)
- Online examination and project presentation
- Learning through Open Source Technology

**LEARN PYTHON**

- Intensive Training
- Custom Learning Path
- Live Virtual Classroom
- Simulation Tests

**BOOK YOUR SEATS**

- 50 participants per batch
- Course suitable for Science and Engineering Students & Faculty
- Multiple batches available

Certification Programme on  
**ENGINEERING WITH Python**



**INTERNATIONAL CONFERENCE ON RECENT TRENDS  
IN ARTIFICIAL INTELLIGENCE**

29, 30 JUNE 2021

Organized by :  
ScotsHunt,UK  
&  
Dept. of Computer Science & Engineering ,ASIET, India

Please visit the [website:http://icrtai.com/](http://icrtai.com/)

## ONLINE COURSES & WEBINARS

- Gopalkrishnan of S6 CSE attended "RPA Developer foundation" program on 28/04/2021.
- Meenakshi of S6 CSE attended a hands on workshop by GUVI on the topic "Building a face recognition by using Python" on 24/04/2021.
- Rosemary of S6 CSE participated in the "Career summit 2021" on 18/4/2021.
- Mareena Kunjachan of S8 CSE participated in the Android Study Jams 2021 as Campus Facilitator Conducted by Google Students Club on 09/03/2021.
- Arathy S Kumar, Athira S Kumar, Saurav S Krishnan, Akanksha S, Vinayak M R, Amal Dev J, Aparna N Kartha, Sreelakshmi T S, Githin Tomy, Riya Cheriyan, V Tushar Balakrishnan, Akhil P V, Aparna N Kartha, Sreelakshmi T S, Githin Tomy, Riya Cheriyan, V Tushar Balakrishnan, Akhil P V, Rahul Manoj, Sruthy S Nair, Shilpa Shivan, Deepak Surendran and Sreehari Prasad of S8 CSE attended "Supervised Learning with scikit-learn ", organized by Datacamp on 28/04/2021.
- Fathimath Sunitha, Aditi Namboodiriad, Sandra Surendran, Sruthy S Nair, Rahul Manoj, Jose Jhony, Riya Cheriyan, Sreelakshmi T S and Aparna N Kartha of S8 CSE completed an online course on "Machine learning for everyone".

## FACULTY CORNER

### FDP attended/workshop attended

- Asst.Prof. Gripsy Paul Mannickathan attended an online Workshop on "Eliminating stress & worry from life" and "Behavioural Training" organised by AICTE on 12/04/2021 and 05/04/2021.
- Asst.Prof. Asha Rose Thomas and Asst.Prof. Gripsy Paul Mannickathan attended an online FDP on TECH-FOSS, organized and conducted by ICFOSS, Trivandrum from 19/4/21 to 23/4/21

## Salesforce Administrator/Developer



**Asst.Prof.Remya Vinayakumar**  
**Dept.of Computer Science and**  
**Engineering**



**Asst.Prof.Jain Stoble B**  
**Dept.of Computer Science and**  
**Engineering**

Salesforce Developer and Salesforce Administrator badges have been achieved by Asst.Prof.Jain Stoble B and Asst.Prof. Remya Vinayakumar by completing 13 courses of Salesforce by ASDC. They are now eligible for an "Educator" badge from Salesforce, which is currently held by less than 20 faculties across India.

## Resource Person



**Dr.Deepika MP**  
**Dept.of Computer Science and**  
**Engineering**

Dr.Deepika MP had conducted a session on "Introduction to Cryptography" for the Indian Navy Officials, Kochi on 08/04/2021.



# The "Tech" News

## MongoDB: The database for modern application

MongoDB is a general purpose, document-based-which means it stores data in JSON-like documents, distributed database built for modern application developers and for the cloud era. It combines the power of the cloud with a document database that puts developers in control.

MongoDB Atlas is the multi-cloud database service for MongoDB available on AWS, Google Cloud, and Azure. Best-in-class automation and built-in proven practices provide continuous availability, elastic scalability, and support with regulatory compliance with the most demanding data security and privacy standards. MongoDB Atlas makes it easy to scale your databases in any direction. Get more out of your existing resources with performance optimization tools and real-time visibility into database metrics. With MongoDB Atlas, you can scale your databases up, down, or out in a few clicks or API calls. MongoDB Atlas helps you improve database performance with intelligent index and schema suggestions, automatic data tiering, and workload isolation for analytical queries. MongoDB Atlas takes the pain out of database monitoring and diagnostics with custom alerts, real-time performance tracking, and historical metrics.

Thus its main features include :

- Ad-hoc queries- MongoDB supports field, range query, and regular-expression searches.
- Indexing- Fields in a MongoDB document can be indexed with primary and secondary indices.
- Replication- MongoDB provides high availability with replica sets.
- Load balancing- MongoDB scales horizontally using sharding
- File storage- MongoDB can be used as a file system, called GridFS, with load balancing and data replication features over multiple machines for storing files.