

Technical Talks

Technical talks/expert lectures are arranged for providing additional inputs on specific topics as a part of initiative to establish industry connect .Alumni are also involved in sharing their expertise and experience through guest lecturers which build a strong alumni institute interaction.

Every semester technical talks are conducted for students based on recent trends and to enhance the knowledge of students on contemporary practices in the industries. Resource persons from various industries and academicians from various institutions are invited to deliver expert lecture for the students.

SIET encouraging all faculties and students to take active participation in the activities for the up gradation of technical skill to meet industry requirements.



PRINCIPAL
SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY
TUMKUR - 572106.

EXPERT LECTURE

Event Conducted : **EXPERT LECTURE**
Date & Time : **18/03/2019** 10:30 am to 12:30 pm
Venue : Edusat Hall, Dept of ECE, SIET
Targeted Audience : Students of IV, VI and VIII sem ECE
Resource Person : **Mr. Viveka Hegde**
Founder of Vitvaraa Electronics Pvt Ltd.
Bangalore-38
Ph. No. 9480417322

Lecture on : **Recent Trends in IOT**



Expert Lecture on Recent Trends in IOT



Expert Lecture on Recent Trends in IOT



Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Sira Road, Tumakuru - 572 106. Karnataka.

Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: <http://www.shrideviengineering.org>



Technical Symposium & Quiz Contest 2019

Department of Electronics & Communication Engineering organized a one day Technical Symposium and Quiz Contest “PRAGNYA 2019” on **21/03/2019** at EduSat Hall, SIET Main Block.

Date : 21/03/2019

Venue : EduSat Hall

Target Audience: All Students of 4th, 6th & 8th semester.



One day Technical Symposium and Quiz Contest

EXPERT LECTURE

Event Conducted	: Expert Lecture on industry 4.0
Date	: 17th August 2019
Time	: 2-30 pm to 3-30 pm
Targeted Audience	: Students of III,V,VII sem of ECE department
Resource Person	: Mr. M A Narasimha Murthy Bangalore
Lecture on	: Industry 4.0



Felicitation to Mr. M. A. Narasimha Murthy By Dr. Hemadri Naidu, Principal-SIET



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**Department of Electronics & Communication Engineering in Association with IETE(ISF)
Bengaluru**

Technical Talk on " BLOCKCHAIN TECHNOLOGY"

At

Shridevi Institute of Engineering & Technology, Tumkur

On

26th May 2022

Department of Electronics and Communication Engineering at Shridevi Institute of Engineering & Technology, Tumkur in association with IETE (ISF) bengaluru has organised virtual technical talk on "Blockchain Technology". Using google meet app platform on may 26th May 2022.

Dr.Narendra Vishwanath, princiapl SIET appreciated the efforts of department for organising technical activities.

Prof.Aizaz Ahmed Sharief , department Head , wished students to enhance their real time practical exposure by attending technical session .

Event coordinator Dr.umesha G B'has addressed welcome speech and discussed about importance of Blockchain Technology in real time day to day life. **Resource person Dr.S.Shitharth, Associate Professor , Kebri Dehar University , Ethopia** has delivered useful information about importance of blockchain technology , network security and bitcoin . E explained about future trends Blockchain technology applications with real time scenario.

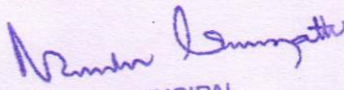
Dr.Pradeep K'G M , Associate Professor & ISF coordinator has expressed token of gratitude to all who involved in making the technical talk successful.

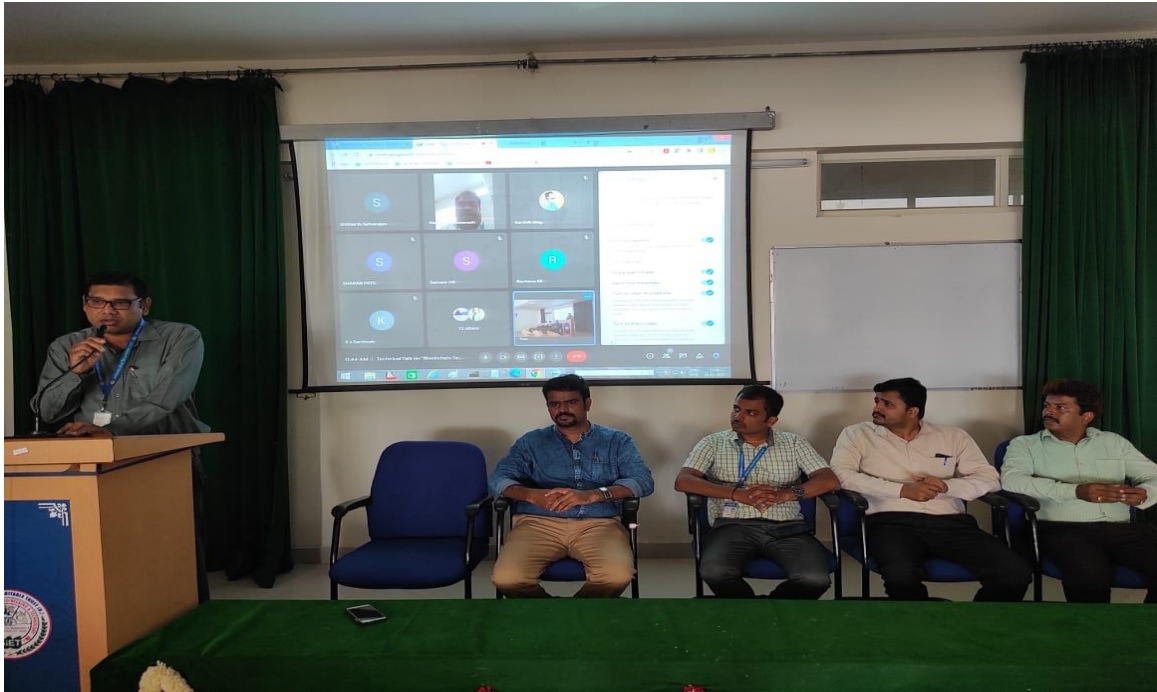
Students of ECE department Second , Third year were actively participated in this event .Prof .Raghavendra , Prof.pradeep kumar SS has wished and advised students to improve their technical knowledge in cutting edge technologies.

Venue: Edusat Hall

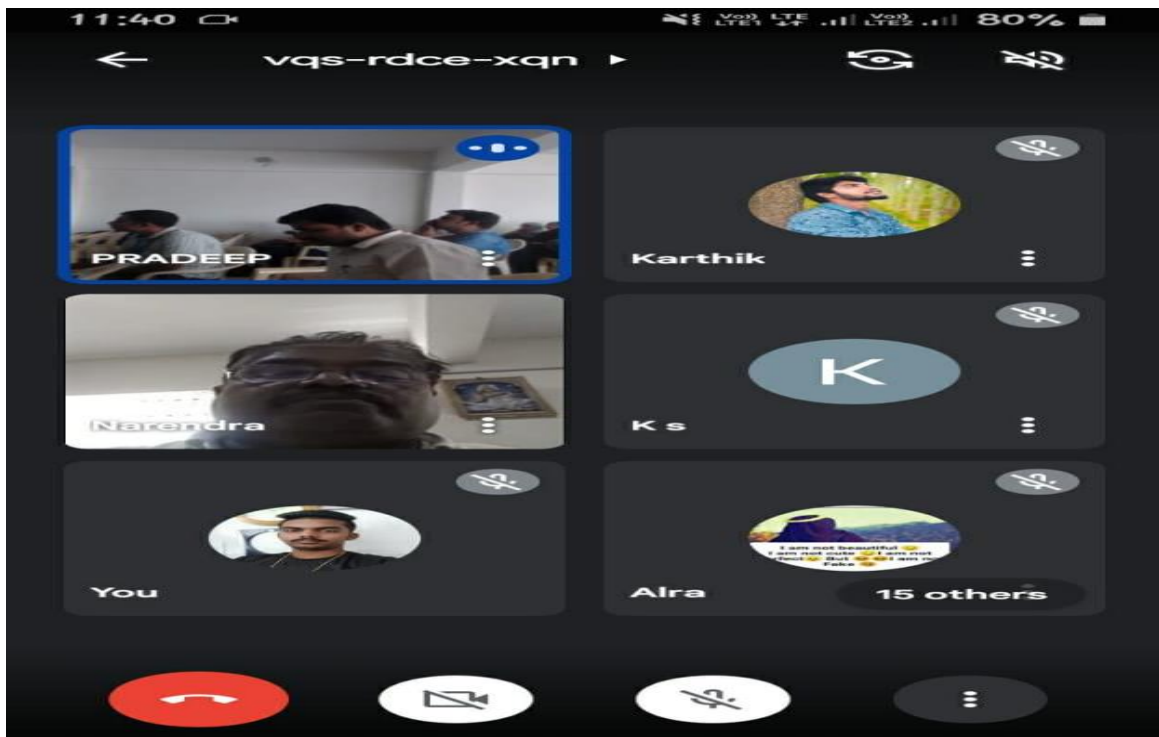
Place : SIET Campus

Date: 26-05-2022


PRINCIPAL
SIET., TUMAKURU.



Picture1: Prof. Aizaz Ahmed Sharief, HOD wished students to enhance their real time practical knowledge.



Picture 2:Online technical talk on “Blockchain Technology” by Dr.S.Shitharth



Picture 3: Online technical talk on “Blockchain Technology” by Dr.S.Shitharth



Picture 4: Event Group photo of students with Faculties



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**Department of Electronics & Communication Engineering in Association with IETE(ISF)
Bengaluru**

“Technical Talk on Next Generation wireless technology”

At

Shridevi Institute of Engineering & Technology, Tumkur

On

17th May 2022

Department of Electronics and Communication Engineering at Shridevi Institute of Engineering & Technology, Tumkur in association with IETE (ISF) bengaluru has organised virtual technical talk on “Next generation wireless technology”. Using google meet app platform on may 17th 2022.

Dr.Narendra Vishwanath, princiapl SIET appreciated the efforts of department for organising technical activities.

Prof.Aizaz Ahmed Sharief , department Head , wished students to upgrade their practical exposure by attending technical session .

Event coordinator Dr.umesha G B has addressed welcome speech and discussed about importance of wireless technology in real time day to day life. Resource person Dr.Sujatha S , Professor , Christ university , Bengaluru has delivered useful information about signification of communication systems , Histroy of wireless communication and explained about future trends in wireless technology applications with real time scenario.

Dr.Pradeep K G M , Associate Professor & ISF coordinator has expressed token of gratitude to all who involved in making the technical talk successful.

Students of ECE department Second , Third year were actively participated in this event .Prof .Raghavendra , Prof.pradeep kumar SS has wished and advised students to improve their technical knowledge in latest technologies.

Venue: Edusat Hall

Place : SIET Campus

Date: 17-05-2022

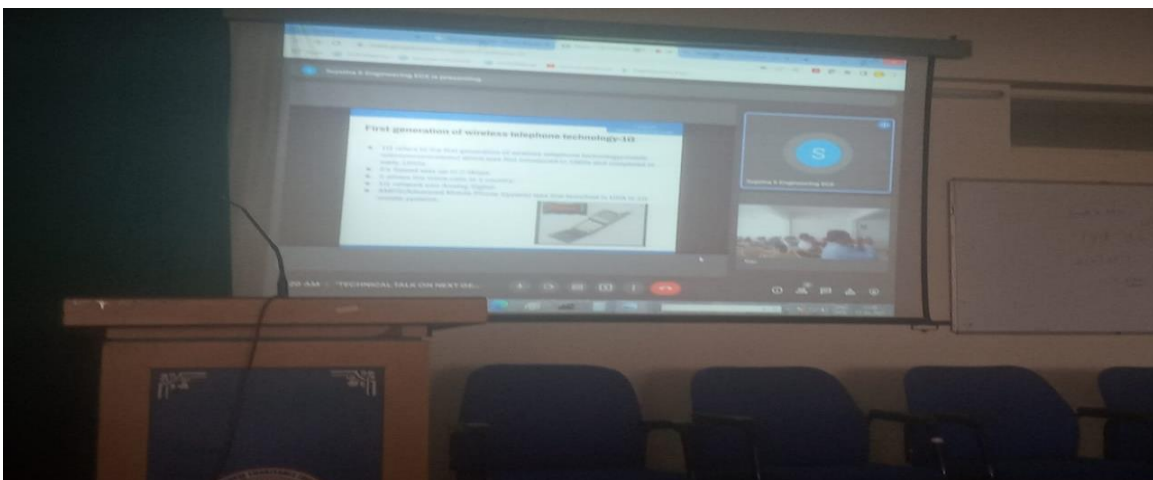
**PRINCIPAL
SIET., TUMAKURU.**



Picture 1: Event coordinator Dr. Umesha G B has addressed welcome speech



Picture 2: Students watching virtual presentation



Picture 3: Virtual technical talk on "Next generation wireless technology" by Dr. Sujatha



Picture 4: Event group photo

EXPERT LECTURE

Event Conducted	: Expert Lecture
Date	: 26/04/2022
Time	: 10:00 am to 12:30 pm
Venue	: Edusat Hall, SIET, Tumkur
Targeted Audience	: 6 th Sem Students of ECE & EEE Department
Lecture on	: Project Ideation For Livelihood
Resource person	: M.S.Jayachandra Aradya, Director, silicon microsystems, Bangaluru.

In collaboration with Shridevi Institute of Engineering & Technology and silicon Microsystems, Bangaluru announces one event on Project ideation for livelihood Under IETE Forum.

Event Summary:

This is one day event on Project ideation. This event gives an exposure to participants about how they can generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Brain writing, Worst Possible Idea, and a wealth of other ideation techniques of project. Also gives an exposure to Design Thinking process, how live projects are designed and developed, also how students can create and implement the mini projects and main projects.



Event group photo

DEPARTMENT OF CIVIL ENGINEERING



Sri Shridevi Charitable Trust (R.)

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ISO 9001-2015 CERTIFIED INSTITUTION

Department of Civil Engineering

cordially invites you to the
Expert Lecture
on

360 Degree Bird View on Waste Water Treatment

Chief Guest

Er. Sreenivasa Reddy. B

(Proprietor, Green Point Environmental Engineering Consultant, Bangalore)

Guest of Honour

Sri. M. S. Patil

(Director, HR & IT, SCT)

Dr. Narendra Viswanath

(Principal, SIET)

Dr. G. Mahesh Kumar

(HOD, Civil Engineering)

Date: 25/11/2021

Time: 10:30 AM

Venue: EDUSAT Hall.

Staff & Students

EXPERT LECTURE

Event Conducted	: Expert Lecture
Date	: 25/11/2021
Time	: 10:00 am to 12:30 pm
Venue	: Edusat Hall, SIET, Tumkur
Targeted Audience	: 6 th Sem & 8 th Sem Students of Civil Department
Lecture on	: 360 Degree Bird View on Waste Water Treatment
Resource person	: Er. Sreenivasa Reddy. B Green Point Environmental Engineering Consultant, BENGALURU.



Inauguration of event

Invited Technical Talks/ Seminar

Technical talk “**360 degree bird view on waste water treatment**” was arranged on 25th November 2021. The talk was delivered by Er. Sreenivasa Reddy. B.
Prop. Green Point, BANGALORE.



SHRIDEVI
EDUCATION

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INDIAN CONCRETE INSTITUTE

KARNATAKA, BANGALURU CENTRE

&

DEPARTMENT OF CIVIL ENGINEERING

Cordially invites you for the inauguration of

“SIET-ICI-STUDENT CHAPTER”

17th May 2022

Chief Patron

Dr. M. R. Hulinaykar

Chairman,

Sri Shridevi Charitable Trust (R.), Tumakuru

Patron

Sri. M. S. Patil

Director - HR & IT,

Sri Shridevi Charitable Trust (R.), Tumakuru

Dr. Narendra Viswanath

Principal

Chief Guest

Dr. L. R. Manjunatha

Hon. Chairman, ICI-BENC

Vice President, JSW Cement, Bengaluru

Guest of Honour

Dr. R. L. Ramesh

Hon. Secretary ICI BENC, Prof & HOD. Dept of Civil Engineering,

Don Bosco Institute of Technology, Bengaluru.



Dr. C. Nagaraja

Co-Ordinator ICI Student Chapter

Staff & Students of
Civil Engineering Dept.,
SIET, Tumakuru

Dr. G Mahesh Kumar

Professor & Head,
Dept of Civil Engineering

Venue: Seminar Hall, SIET

Time: 10:00AM

Invitation

EXPERT LECTURE

Event Conducted	: Lecture on Construction of High Rise Buildings using Precast Technology
Date	: 17-05-2022
Time	: 11 AM to 1:00 PM
Targeted Audience	: Students of CIVIL Department
Resource Person	: Mr. Rajesh H, Siddhaganga Academy, Tumkur
Lecture on	: Construction of High Rise Buildings using Precast Technology



Technical talk on High Rise Building

Technical talk “**Construction of High Rise Buildings using Precast Technology**” was arranged on 17th May 2021 during the inauguration of ICI-Student chapter. The talk was delivered Dr. R L Ramesh. Prof. & HOD, Department of Civil Engineering DBIT, Bengaluru

EXPERT LECTURE

Event Conducted	: Expert Lecture on Sustainable Material in Concrete
Date	: 17-05-2022
Time	: 11:00AM to 1:00 PM
Targeted Audience	: Students of CIVIL Department
Resource Person	: Dr. L R Manjunatha, Vice President JSW Cement, Bengaluru
Lecture on	: Sustainable material in Concrete



Technical talk on Sustainable Materials

Technical talk “**Sustainable Materials in Concrete**” was arranged on 17th May 2022 during the inauguration of ICI-Student chapter. The talk was delivered by Dr. L R Manjunatha Vice President, JSW Cement Ltd, Bengaluru.



Sri Shridevi Charitable Trust (R.)
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Invitation

Management, Principal, HoD, Staff and Students of
Department of Electronics and Communication Engineering
cordially invite you on the occasion of

Inaugural Function of IETE STUDENT FORUM (ISF)

Chief Guests:

Sri C. SATYANANDAN

Chairman, IETE,
Bengaluru

Dr. C. V. RAVISHANKAR

Vice Chairman, IETE,
Bengaluru

Prof. C. MURALI

DE, Former Vice President,
IETE, Bengaluru



Presided by:

Dr. M. R. HULINAYKAR

Ex - MLC, Karnataka & Chairman
Sri Shridevi Charitable Trust (R.),
Tumakuru

Guests of Honour:

Dr. RAMAN HULINAYKAR

Medical Director, SIMSRH

Sri. M. S. PATIL

Director - HR & IT, SIMSRH

Date : 18/04/2022
Time : 10:00 AM
Venue : Seminar Hall, Mechanical Block, SIET



Dr. Pradeep K. G. M.

Assoc. Professor & IETE Coordinator

Prof. Aijaz Ahamed Sharief

Professor & HOD - ECE

Dr. Narendra Viswanath

Principal, SIET



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Department of Electronics & Communication Engineering

Report on

IETE Student Forum (ISF) Inaugural Function

and

Technical Talk on “5G communication thinking towards 6G”.

At

Shridevi Institute of Engineering & Technology, Tumkur

On

18th April 2022

Department of Electronics and Communication Engineering at Shridevi Institute of Engineering & Technology, Tumkur inaugurated IETE Students Forum (ISF) with 88 founder student members on 18th April 2022.

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Founded in 1953. The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. It serves more than 1,25,000 members (including Corporate, Student and ISF members) through various 64 Centers, spread all over India and abroad. The Institution provides leadership in Scientific and Technical areas of direct importance to the national development and economy. Government of India has recognized IETE as a Scientific and Industrial Research Organization (SIRO) and also notified as an educational Institution of national eminence. The objectives of IETE focus on advancing electro-technology. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members.



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Inaugural function started with invocation song by students. Prof Aizaz Ahmed Sharief HOD department of ECE has delivered welcome speech and addresses the gathering about significance of IETE forum for development of students to improve the standards of engineering education to meet the industrial requirements. All the dignitaries on the stage lightened lamp.

Honourable Shri M .S. Patil Director (HR& IT) has addressed the students about standards of technical education and IETE importance.

Chief Guest Dr.C V Ravishankar vice chairman IETE Bangalore Centre has addressed students about need of IETE platform in improving the professional development of students by improving the technical standards of students in multidimension.

Dr.Narendra Vishwanath Principal, SIET Tumkur has delivered inaugural talk and motivated the students to make the effective utilization of IETE forum.

Dr.C V Ravishankar, Vice Chairman has presented memento to Dr.Narendra Vishwanath Principal, SIET Tumkur as token of IETE Inaugural function.

Dr.Pradeep K G M , Associate Professor & ISF coordinator has presented vote of thanks to all and expressed token of gratitude to all who involved in making the inaugural function success.

Other chief guest Prof.C.Murali DF& Former vice president IETE has delivered technical talk on “ 5G communication thinking towards 6G”.

Venue: Mechanical Seminar Hall

Place : SIET Campus

Date: 12-04-2022

Prepared By

Dr.Pradeep K G M
IETE ISF Coordinator



Inaugural function of IETE Student Forum (ISF) 18-04-2022



ECE Students and faculties gathering during the inaugural function of IETE Student Forum (ISF) 18-04-2022



Lamp Lightening during inaugural function of IETE Student Forum (ISF) 18-04-2022



Prof .C . Murali DF, Former Vice President ,IETE Bengaluru delivering technical talk on “5G communication thinking towards 6G”

Department of Computer Science and Engineering Add-on Course Report



Academic Year	2022-23	Targeted Audience from	SIET and SIMSR
Name of the Event	2-Days workshop	Number of Participants	50 +
Date of Conduction	06 th -17 th Jan 2023	Time	2:00 PM to 5:00 PM
Venue	Skill Lab	Resource	Dr Gururaj H.L.

RESOURCE PERSON

Dr. Gururaj H L

Associate Professor

Manipal Institute of Technology, Bangalore

Prerequisite

- No Prior programming Knowledge required.
- One laptop per student.

Benifits

- Real time experience on Cyber Security.
- Certificates will be provided.

Patrons

Dr. M. R. Hulinaykar
Chairman & Managing Trustee,
Sri Shridevi Charitable Trust (R),Tumakuru

Sri. M. S. Patil
Director, HR & IT
Sri Shridevi Charitable Trust (R),Tumakuru

Dr. Narendra Viswanath
Principal, SIET, Tumakuru
Academic Senate Member, VTU Belagavi

Convenor

Dr. Basavesha. D
HOD, Dept of CSE, SIET

Dr. Suhas. G. K
HOD, Dept of ISE, SIET

Co-ordinators

Dr. Dinesha. H. A
Dept of CSE, SIET

Dr. Manjula. T
Dept of CSE, SIET

Prof. Kiran. G. M
Dept of CSE, SIET

Prof. Gurushankar. H. B
Dept of ISE, SIET

About the Course

Blockchain Technology is an emerging technology suitable for decentralised and transactional sharing of data across a large network of untrusted participants. It is an innovative distributed ledger technology where verification data for the transactional records is cryptographically secured against tampering and stored in blocks. Each block contains details of transactions, hash of the previous block, timestamp etc. Blocks are linked with each other, leading to a Block Chain and this is stored at every node in the network. This enables transparency and gives a unique solution to the problem of trust in the digital world, leading towards decentralised trust. It has good potential to transform the logging and management of transactions in different application areas. This technology is successfully used in Bitcoin virtual currency, and it also has good potential in non-financial sectors such as Governance, healthcare, cyber security, automobiles, media, travel, hospitality, energy, smart cities, time stamping, logging of important events in a system, recording transactions, etc.

Modern information and system require high security protection on electronic data over insecure communication (Internet). Cyber security or Information Technology Security (ITC) is a field involving the protection of computer systems and the prevention of unauthorized access too. The primary objective of this course is to deliver on modern cryptographic techniques as well as hardware security concept with cybercrime issues to understand how to design secure systems for computer network model. This course moreover focuses on current emerging technology on blockchain along with future research direction in the domain of network security.

Objectives

To disseminate the knowledge of cyber security and blockchain technology among students

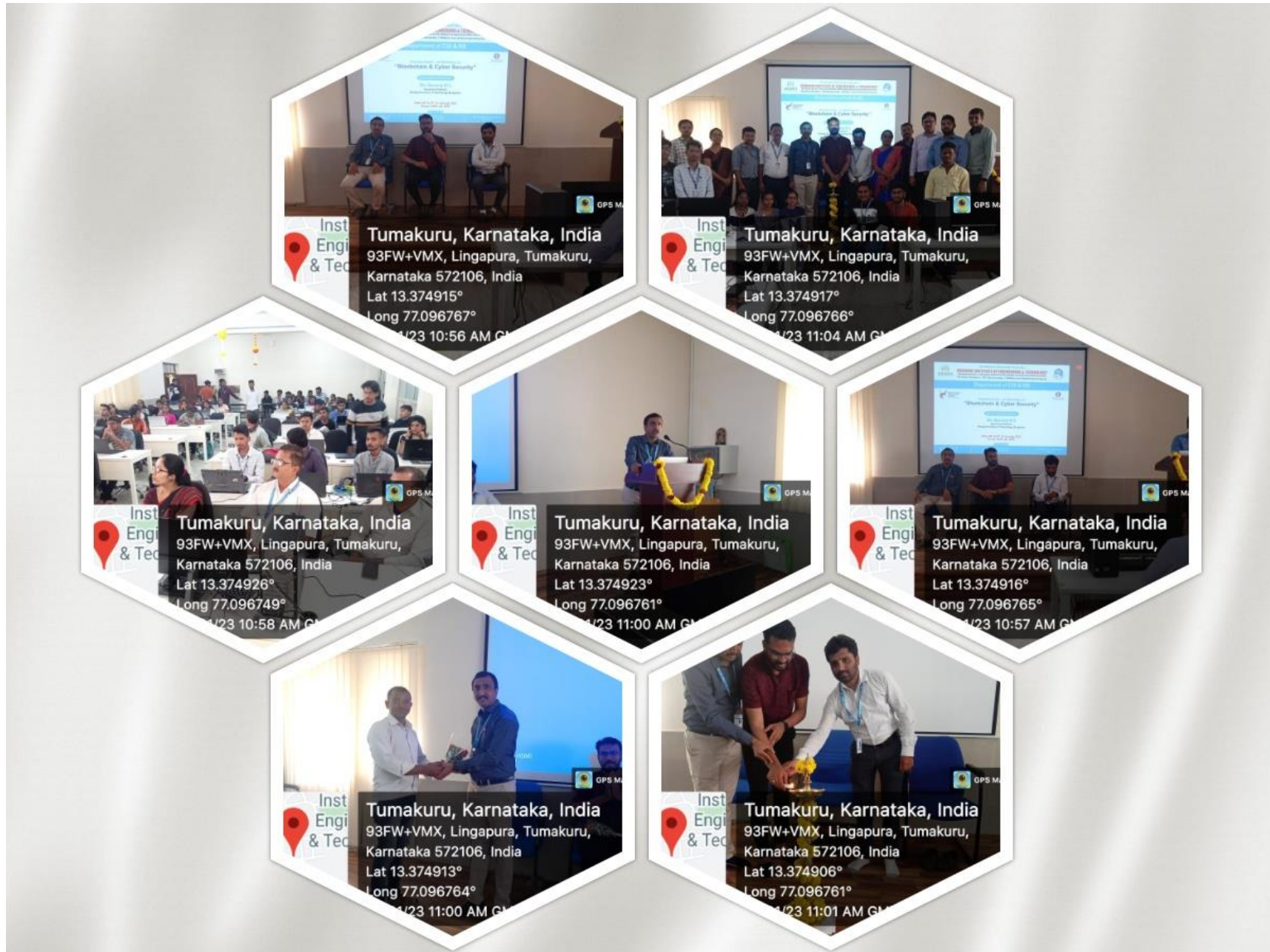
Outcome

This course is designed to prepare students to the federal job market for postings require knowledge of Blockchain Technology and cyber security At the conclusion of this course, the audience, students and the future developers who are involved in technological transformation will be able to:

1. Explain how blockchain technology works
2. Integrate blockchain technology into the current business processes to make them secure
3. Hands on with respect to cyber security tools

Glimpse of course conduction are as follows...

Add on Course Inauguration



Add on Course Valedictory



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Dr. Basavesha D
HOD, Dept of CSE

Department of Computer Science and Engineering Workshop Report

Two Day Workshop on

FUTURE DIRECTIONS IN DATA STRUCTURES

Date: 15th & 16th Feb, 2023



Academic Year	2022-23	Targeted Audience from	SIET CSE/ISE/AIDS
Name of the Event	2-Days workshop	Number of Participants	100 +
Date of Conduction	15 th & 16 th Feb 2023	Time	10:00 AM to 5:00 PM
Venue	CSE Seminar Hall	Resource	Prof. Monica M

RESOURCE PERSON

Mrs. MONIKA M

Benifits

- Getting knowledge to solve real world problems.
- Applying algorithms for problem solving.
- Identifying the applications of data structures.
- Certificates will be provided.

Patrons

Dr. M. R. Hulinaykar
Chairman & Managing Trustee,
Sri Shridevi Charitable Trust (R), Tumakuru

Sri. M. S. Patil
Director, HR & IT
Sri Shridevi Charitable Trust (R), Tumakuru

Dr. Narendra Viswanath
Principal, SIET, Tumakuru
Academic Senate Member, VTU Belagavi

Convenor

Dr. Basavesha. D
HOD, Dept of CSE, SIET

Co-ordinators

Dr. Dinesha. H. A
Dept of CSE, SIET

Dr. Manjula. T
Dept of CSE, SIET

Prof. Kiran. G. M
Dept of CSE, SIET

Prof. Gurushankar. H. B
Dept of ISE, SIET

☎ : +91-9113563426 | 📍 CSE Seminar Hall, SIET

About the workshop

Data structure and algorithms are two of the most important aspects of computer science. Data structures allow us to organize and store data, while algorithms allow us to process that data in a meaningful way. Learning data structure and algorithms will help you become a better programmer. You will be able to write code that is more efficient and more reliable. You will also be able to solve problems more quickly and more effectively. As applications are becoming more complex and the amount of data is increasing day by day, which may cause problems with processing speed, searching data, handling multiple requests etc. Data structure provides a way of organizing, managing, and storing data efficiently. With the help of data structure, the data items can be traversed easily. Data structure provides efficiency, reusability, and abstraction. It plays an important role in enhancing the performance of a program because the main function of the program is to store and retrieve the user's data as fast as possible.

Workshop Objectives

To disseminate the knowledge of data structure and its future directions among students

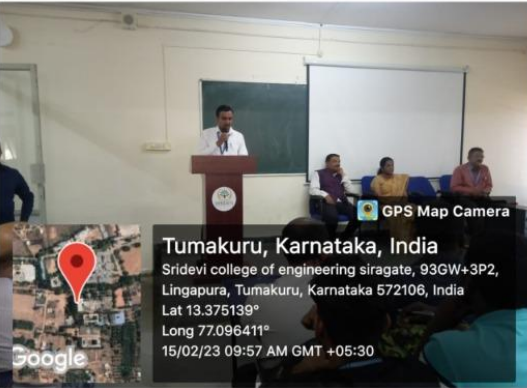
Outcome

This course is designed to prepare students to the federal job market for postings require knowledge of Data structure in future direction. At the conclusion of this course, the audience, students and the future developers who are involved in technological transformation will be able to:

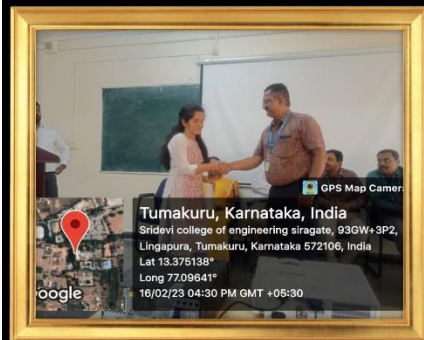
1. Explain the importance of data structure.
2. Apply the Usage for its future applications.
3. Hands on with practicality and case study

Glimpse of course conduction are as follows...

Workshop Inauguration



Workshop Valedictory



Dr. Basavesha D
HOD, Dept of CSE