



Date: 25.10.2025

Department of Computer Science and Engineering

A brief report on Expert Talk on “The List, The Map, and the O(1) Magic!”, organized in offline mode on 24.10.2025 in CSE Seminar Hall, C203, by Department of Computer Science and Engineering.

The session was scheduled from 2.00 PM to 4.00 PM. The resource person for the expert talk was Sri. Rohit Kirtankar, Ads Solutions Engineer, Google, Hyderabad, and faculty coordinators are Dr. I. Srujana, Assistant Professor and Dr. M Venkata Krishna Reddy, Assistant Professor from Department of Computer Science and Engineering.

This talk is open to all III Sem CSE 2 & CSE 4 students and faculty. The no. of participants who attended is 135. A brief introduction of the Resource Person was given by Dr. I. Srujana, faculty coordinator. The technical support was provided by Mr. J.Rajesh, programmers of Department of Computer Science and Engineering. Feedback was collected at the end of the expert talk from the participants. Dr. M. Venkata Krishna Reddy proposed vote of thanks.

Sri. Rohit Kirtankar, the speaker, started the session by introducing the examples of collections and their usage in developing real time projects in the Industry and its importance. Explanation of the topics with examples were delivered in the session such as, the Java Collections Framework (JCF) which provides classes and interfaces to store, retrieve, and manipulate groups of objects efficiently. It includes core interfaces like List, Set, Queue, and Map. Common implementations include ArrayList, LinkedList, HashSet, TreeSet, HashMap, and TreeMap. Collections support powerful operations such as sorting, searching, iteration, and synchronization.

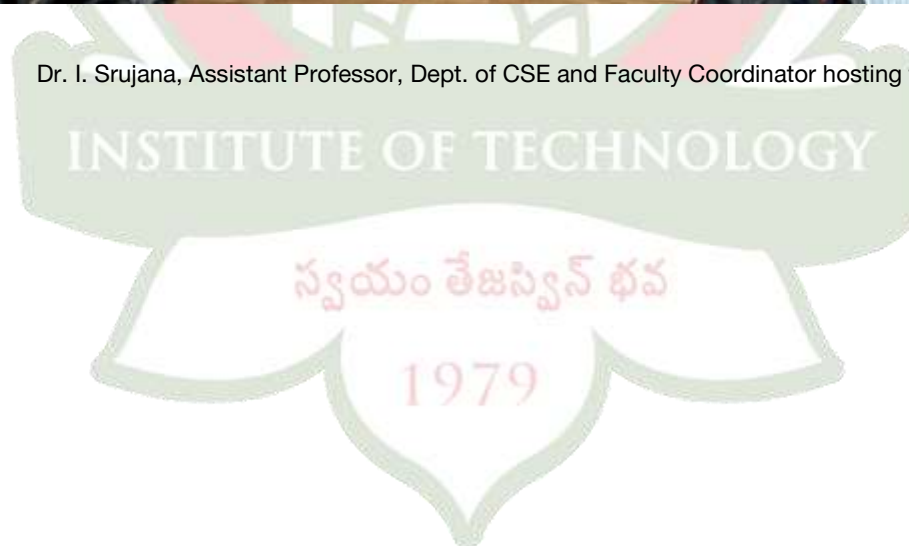
Objectives of the Workshop:

- Understanding of Data Structures and their real-world efficiency.
- Constant Time Operations.

Snapshots of the Expert Talk :



Dr. I. Srujana, Assistant Professor, Dept. of CSE and Faculty Coordinator hosting the event





Inviting the Resource Person



Resource Person delivering the Expert Talk



Continuation of Session



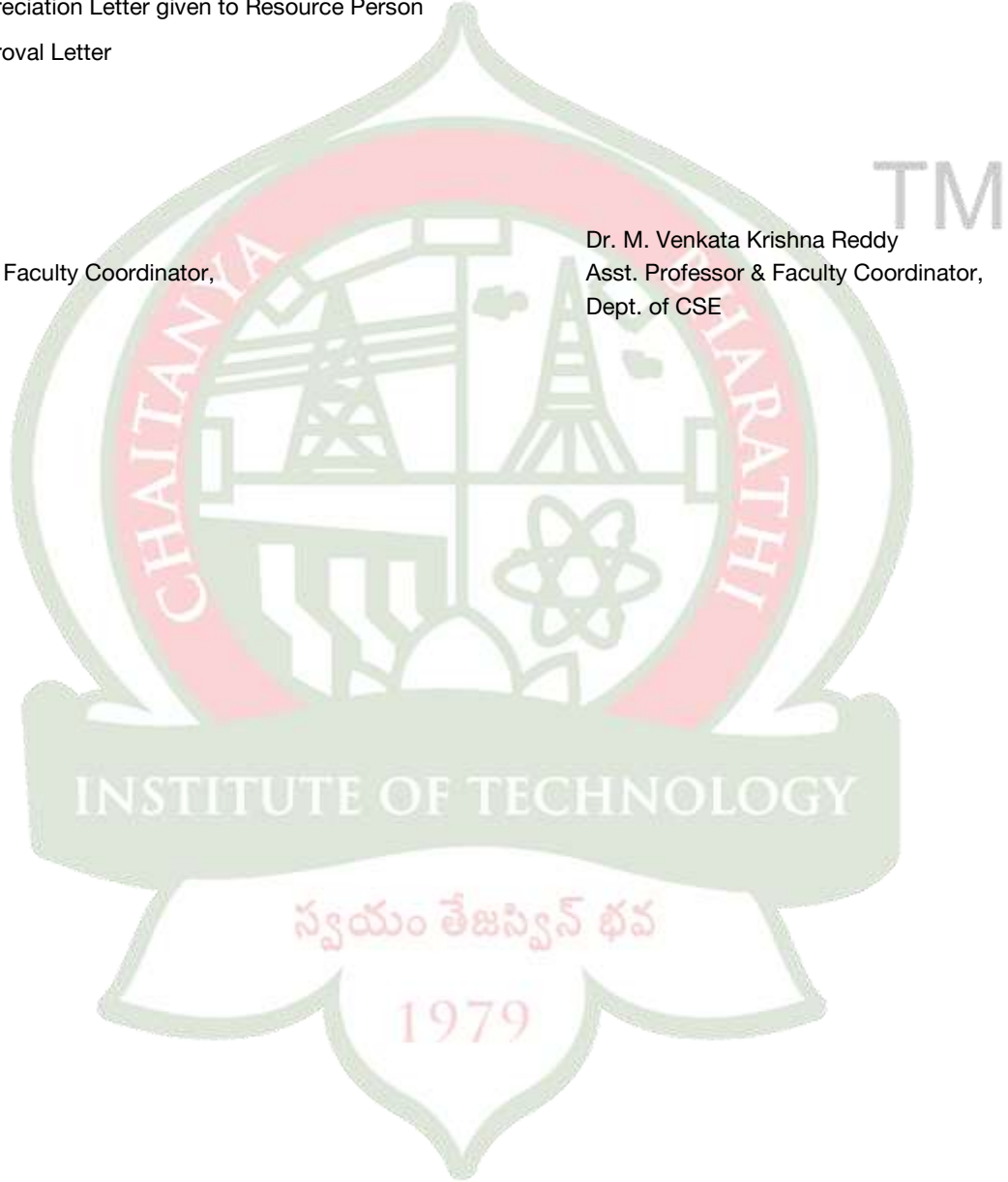
Participants during the session

Enclosed:

- Event Flyer
- Attendance Forms
- Feedback Forms
- Profile of Resource Person
- Appreciation Letter given to Resource Person
- Approval Letter

Dr. I. Srujana
Asst. Professor & Faculty Coordinator,
Dept. of CSE

Dr. M. Venkata Krishna Reddy
Asst. Professor & Faculty Coordinator,
Dept. of CSE





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46
years

October 2024

1. **Dr D.Raman , Professor CSE Department, has been invited** as a **SESSION Chair** at the International Conference on Theoretical and Applied Computer Science (ICTACS 2024)-online mode from 10.10.2024 to 11.10.2024. hosted by SMSAMS Publications

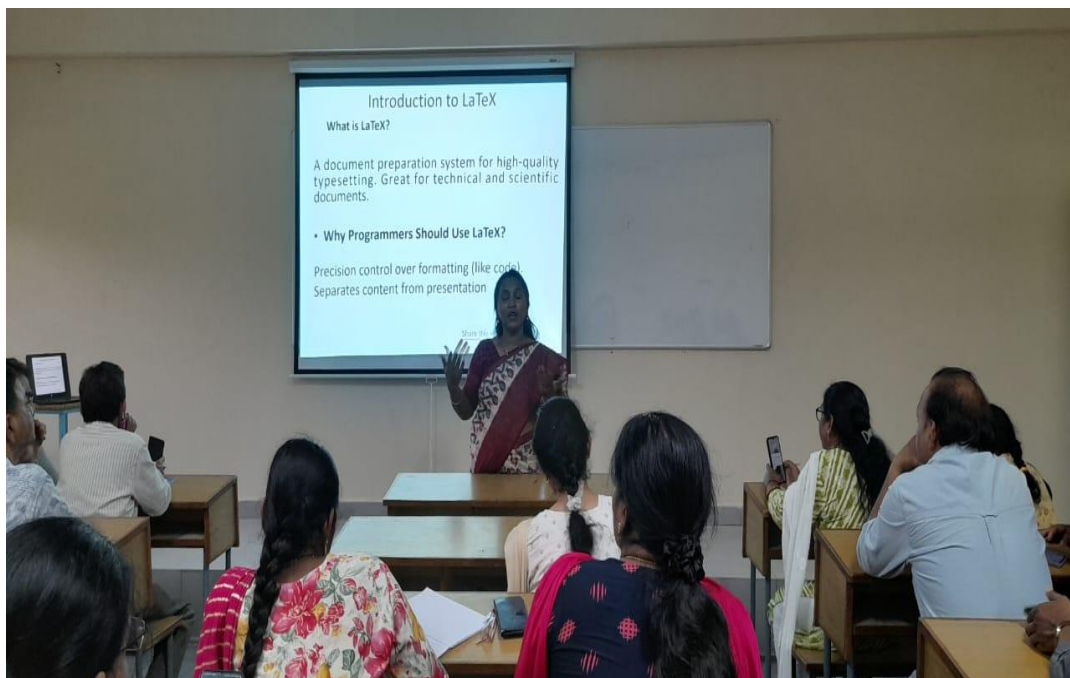
September -2024

1. **Dr.K.Spandana Assistant Professor, CSE Department** Participated in the Two Day **International Conference** of Global AI Summit on September 5th and 6th at HICC, Hyderabad, Government of Telangana.
2. **Dr.D.Raman, Professor, CSE Department** delivered a Guest lecture on the Topic **“Different Trends in Research, AI and Security”** during the 6th International Conference on Engineering and Advancement of Technology, Organized by Malla Reddy College of Engineering and Technology in collaboration with Samarkand state university-Manipal University College, Malaysia and honored by Malla Reddy College.



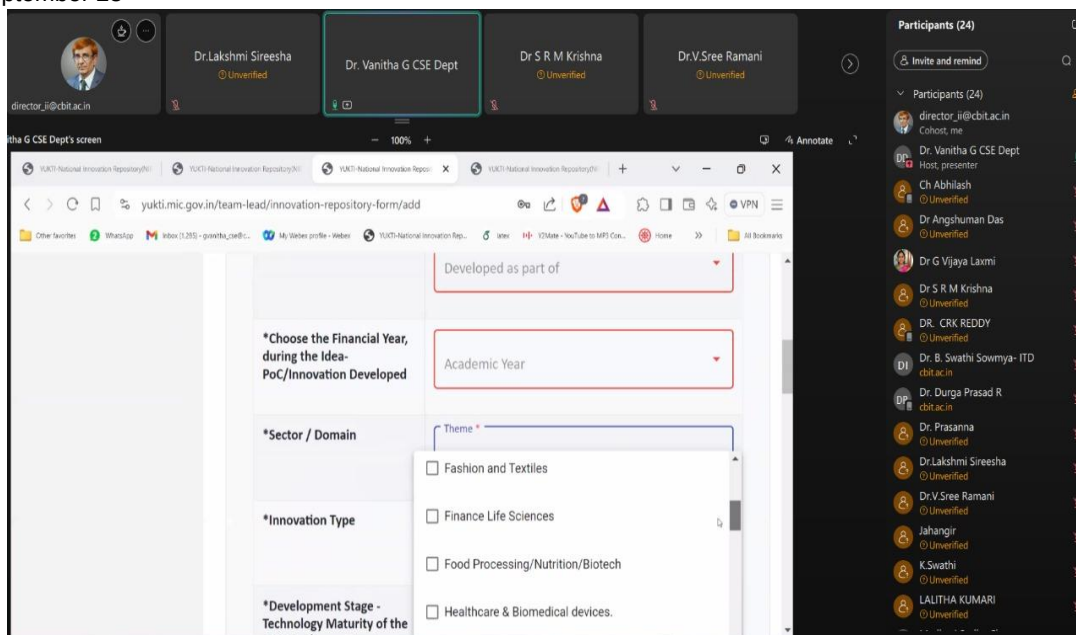
Facilitating Dr. D. Raman ,Professor of CSE, by Organizers of Malla Reddy College of Engineering during his Guest lecture

3. **Dr. K.Spandana and Smt S Durga Devi, Assistant Professors, CSE Department** participated in A day National Conference during the All India Women Academicians Invisioning new Bharathon on September 21st at Osmania University Akhila Bharathiya Rashtriya Shaikshik Mahasangh
4. **Dr.G.Vanitha, Associate Professor, CSE Department** Delivered a Guest lecture on “Open Source and AI Tools and Latex Documentation” during A **Two-Day National Workshop** for Non-Teaching Staff on “Digital Literacy and Technological Empowerment” on September 21 and September 28



Dr. G. Vanitha, Associate Professor of CSE, Department delivering Guest Lecture to NonTeaching Staff

5. **Dr.G.Vanitha, Associate Professor, CSE Department** Delivered a Seminar on “Yukti portal demonstration Idea Uploading” during A One-Day National Event on YUKTI Requirements for an IIC 6.0 Star Rating on September 28



Photograph taken during online session of IIC

6. The Department of **CSE Organized A Day National Workshop** titled “**Realtime Business Data Processing using IKU**” on 30/09/2024. The Speaker for the workshop is Dr. N Vijay Kumar Senior Consultant, at Deloitte. The Number of participants for the workshop is 149.



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Department of Computer Science and Engineering

Organizing
One Day online Workshop on
Realtime Business Data Processing using IKU



SPEAKER:
Dr. N. Vijay Kumar
Senior Consultant at Deloitte, Hyderabad.

Online Mode

30 September 2024

2:00-4:00 PM

For B.E.(CSE) Students

Coordinators :

1. Dr. S. China Ramu, Professor
2. Dr. M. Swamy Das, Professor
3. Dr. R. Ravinder Reddy, Professor

Co-Coordiators :

1. Dr. Kolla Morarjee, Associate Professor
2. Dr. G.Vanitha, Associate Professor
3. Smt. T. Suvarna Kumari, Assistant Professor



WEB LINK:
<https://cbithyd.webex.com/cbithyd/j.php?MTID=m710fe241a0246c4542431601e4364a44>

Boucher of one day Online Workshop on Real-time Business Data Processing using IKU

August -2024:

7. **Smt T. Suvarna Kumari, Assistant Professor CSE Department**, Faculty Coordinator of COSC CBIT Open Source Community conducted a National level Boot camp on the 13th and 14th of August on the topic "ReactJS and FastAPI" for CBIT Students.
8. **Smt.G.Shanmukhi Rama, Assistant Professor of the CSE Department** delivered a Guest Lecture on "Navigating IT Careers: Trends and Opportunities in the Evolving Job Market" for the Faculty and Students of Sumathi Reddy Institute of Technology for Women, Warangal on 27th August 2024



Smt Shanmukhi Rama is delivering Guest Lecture on
"Navigating IT Careers: Trends and Opportunities in the Evolving Job Market"



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September 2022

1. A guest lecture on **“Swarm Intelligence”** was organized on **15.09.2022** through offline mode at C203 CSE Seminar Hall from 1.00 PM to 3.00 PM by Department of Computer Science and Engineering which included around 120 participants. The co-coordinators for the event were Dr. R. Ravinder Reddy, Associate Professor and Mr. M. Venkata Krishna Reddy, Assistant Professor, Dept. of CSE. The resource person for the event is **Dr. Damodar Reddy Edla, Associate Professor**, Department of Computer Science and Engineering, National Institute of Technology, Goa. Speaker delivered the concepts of Swarm Intelligence and explained about the importance, technical and research benefits of Swarm Intelligence. He also briefed about the various applications and challenges associated with the area of Swarm Intelligence. He also exposed the participants to the research areas and career development opportunities. Topics covered during the session are Introduction to Swarm Intelligence, Optimization Algorithms, ANT colony Optimization, Application and Challenges of Swarm Intelligence



Dr. Damodar Reddy, Resource Person delivering the concept to the participants

June 2022

2. Ms.Sangeetha Gupta, Associate professor was a resource Person for 2 Days Workshop from 24th-25th June 2022 on “Blockchain” at MLRIT, Hyderabad.

March 2022

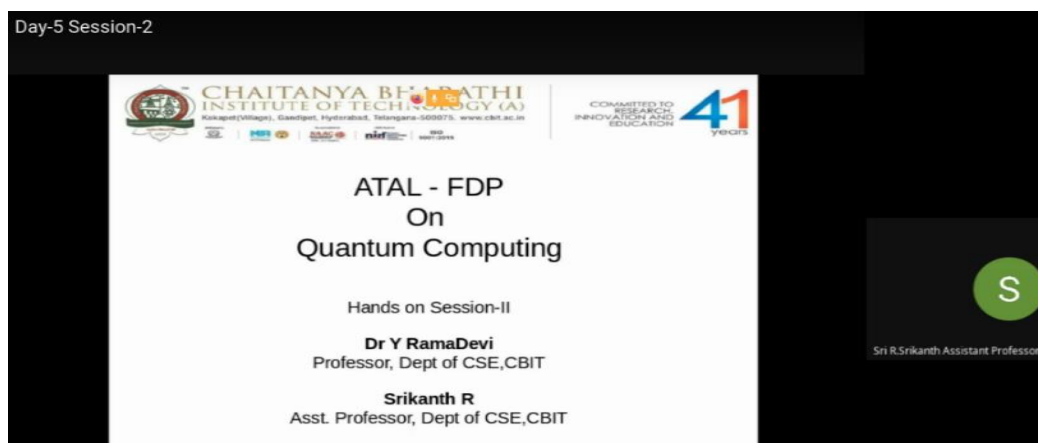
3. Department of Computer Science and Engineering has organized an online Guest Lecture on “Natural Language Processing: Applications and Challenges” * for the benefit of Students on 11.03.2022 from 10:00AM to 12:00PM
4. Smt.Ch. Madhavi Sudha Delivered a session on Discrete Mathematics as a part of Swecha Exam Preparation classes for JUNTUH and OU college students on 7 March 2022

Feb 2022

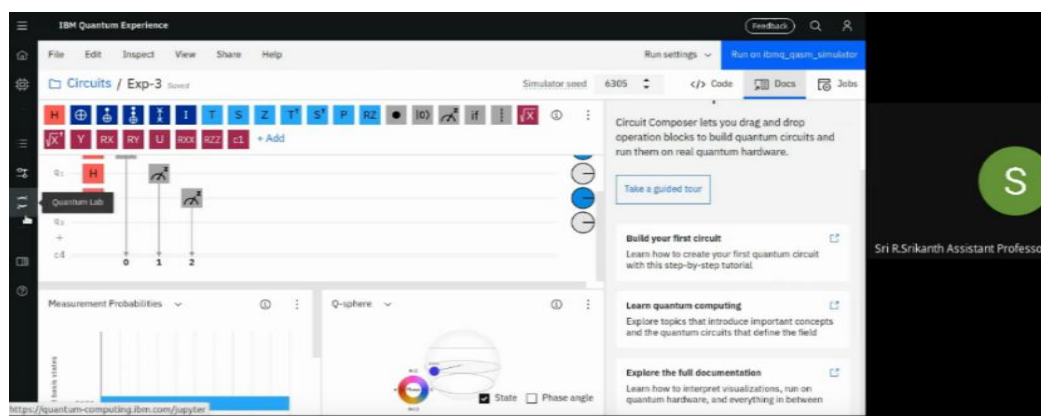
5. Department Of CSE & Women Development Cell , CBIT In Association With Swecha has conducted a Series Of Online Sessions On SHE(Speak Hear Empower) Talks “Women in Tech” –Session 1 on 19th Feb 2022
6. Department of CSE, Women Development Cell CBIT in association with SWECHA has conducted an Online Session on SHE (Speak Hear Empower) TALKS: “Equality For Women Is Progress for All” - Session 2 on 26th Feb 2022

June 2020- Nov 2021

1. Dr.Sangeeta Gupta, Associate Professor, CSE Dept. delivered a Guest Lecture on " Data Analytics" at JNTUH CES on 1-11-2021
2. Aguest lecture was arranged for CSE-II-Sem students on the topic "Industry 4.0" by staff of CSE-II Sem. The lecture was delivered by Mr. Akash Sinha. Head Learning and Development, L4G on 26-06-21

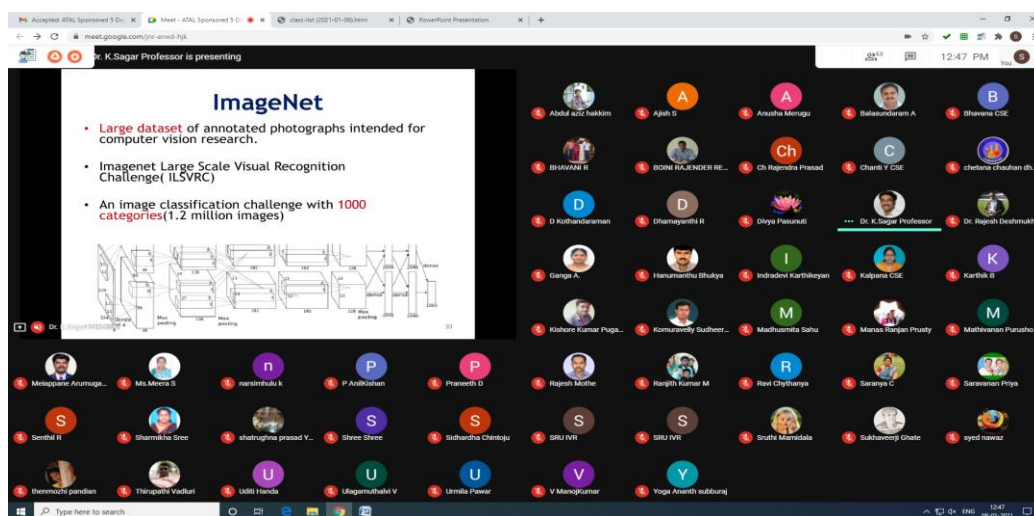


3. Dr. M.Swamy Das delivered a lecture in AICTE sponsored online STTP "Outcome-based Pedagogical Initiative for Effective Teaching & Learning" on topic "Moodle Learning Tool" conducted by Dept. of CSE, MVSR, Hyderabad through online mode on 24-04-2021.
4. Dr. M.Swamy Das delivered a lecture in AICTE sponsored online STTP "Outcome-based Pedagogical Initiative for Effective Teaching & Learning" Phase-1 on topic "Moodle Learning Tool" conducted by Dept. of CSE, MVSR Hyderabad through online on 26-03-2021.
5. Dr. M.Swamy Das delivered a lecture in ICAR-NAHP- NKMC4AR MOOCs Phase-2 on "Information Handling Skills for Teaching, Learning & Research", 1-03-2021 to 21-03-2021 conducted online by University Library, PJTSAU ,Hyderabad on 19-03-2021.
6. Dr. Kolla Morarjee delivered in "One Week Online Short Term Course on "Machine Learning" on topic "Deep Learning- Image Processing" at JNTUH-UGC HRDC on 20-03-2021.
7. Dr. M.Swamy Das delivered a lecture for BE 2nd Year on "Applications of C++" organized by Dept. of CSE, MGIT Hyderabad through online on 13-02-2021.
8. Dr. M.Swamy Das delivered a lecture in Atal sponsored one week online FDP on "Quantum Computing" on "Implementation of Deutsch and Grover's Algorithms" organized by Dept. of Maths, CBIT,Hyderabad through online on 21-01-2021
9. Dr. Kolla Morarjee delivered a lecture in One week online Short Term Course on "Data warehousing and Data Mining" on topic "Supervised Learning using DM Tools"at JNTUH-UGC HRDC on 09-01-2021.
10. Dr. Y. Rama Devi, Head, CSE and Sri Srikant, Asst.Prof., CSE, delivered a lecture in AICTE Training and Learning (ATAL) Academy Online Faculty Development Program on "Quantum Computing" conducted by Department of CSE, CBIT on 22.01.21.



Sri. Srikant delivering lecture on Quantum Computing

11. Dr. K.Sagar, Dept. of CSE, CBIT, on "Deep Learning application to AR/VR" on 08.01.21 at SR Engineering College, Warangal with AICTE ATAL Academy in FDP titled "Immersive Virtual Reality" organized from 04.01.21 to 08.01.21.
12. Dr. M.Swamy Das delivered a lecture in 1-month UGC-HRD "Faculty Induction Programme", on "Approaches and Tools of Assessment & Evaluation" for Assistant Professors/Associate Professors Degree colleges and Universities organized by Maulana Azad Urdu University, HYD on 16-01-2021 through online.
13. Dr. M.Swamy Das delivered a lecture in Atal Academy sponsored one week Online FDP on "Blockchain", 4th to 8th Jan 2021 on "Significance of Consensus Algorithms in Blockchain" organized by CBIT, Hyderabad on 5-01-2021
14. Dr. M.Swamy Das delivered a lecture in AICTE sponsored one week FDP Refresher Course on "Programming in Internet of Things" through Online, organized by JNTU on 15-12-2020
15. Dr. M.Swamy Das delivered a lecture in One month UGC-HRD "Faculty Induction Programme", for Assistant Professors/Associate Professors from Degree colleges and Universities - 19th October to 17th Nov 2020 on "Integrate Technology Platforms for Teaching and Learning" organized by Maulana Azad Urdu University, HYD on 29-10-2020 through online.
16. Smt. I.Srujana, Asst. Prof, CSE, delivered a lecture in a National Level 5 day FDP on "Foundations for machine Learning" on the topic "Supervised Learning" held online by Sreenidhi Institute of science and technology on 15-12-2020.
17. Smt I.Srujana, Asst. Prof, CSE, delivered a lecture in AICTE-ISTE sponsored one week short term training program on "Artificial Intelligence" on topics like "Searching for solutions, BFS, DFS, Hill Climbing" conducted by Sreenidhi Institute of science and technology through online mode on 9-12-2020
18. Dr. K.Sagar, Prof., Dept of CSE, CBIT, Hyderabad on "Image recognition using CNN" at Vidya Jyothi Institute of Technology on 25-11-20.



Dr. Sagar delivering on "Deep Learning"

19. Dr. Sangeeta Gupta delivered a lecture on "Blockchain Technologies" on 10-6-2020 for a 1 week FDP on Blockchain and its applications conducted by brainovision, Hyderabad.
20. Dr. M.Swamy Das delivered a lecture in 2 days FDP on Number Theory and Cryptography, 7 & 8th July 2020 on "Cyber Security and Cryptographic Solutions" organized by Dept. of Maths, CBIT Hyderabad through online on 8-07-2020.
21. Dr. M.Swamy Das delivered a lecture in 2 Day National workshop on "Free and Open Source Alternatives for Web Conferencing and Teaching Learning" on topic "Moodle – Learning Management System" organized by CSE Dept., MGIT on 15th-07-2020

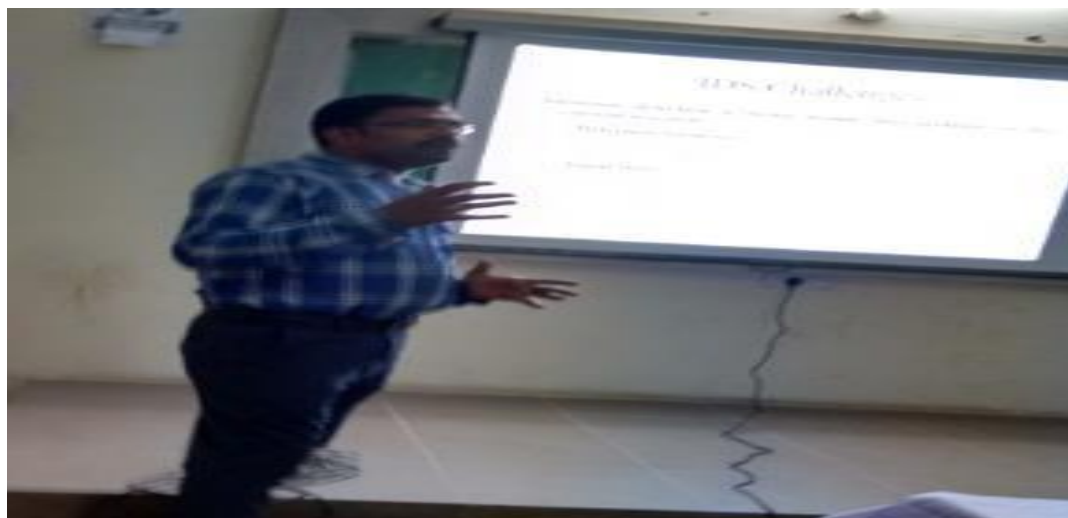
Mar 2019- May 2020

1. A Guest Lecture was delivered by Mr Ruthwick from Talent Sprint on "Professional Certification Program in AI and Emerging Technologies at IITH", Organized By CSE Department CBIT on 2.3.2020 coordinated by Prof N.Ramadevi, Dr. T. Sridevi, Smt I.Srujana. Total 116 students from CSE VIth Semester participated in the event.
2. Dr. T. Sridevi, delivered a guest lecture on "Applications and Problem Solving Techniques through C" on 11th Feb 2020 at KG Reddy College of Engineering & Technology.



Dr. T. Sridevi, delivering a guest lecture on "Applications and Problem-Solving Techniques through C"

3. Dr. M. Swamy Das delivered lecture at UGC FDP- Teaching & Learning using Moodle at MANUU, Hyd April-14, 2019.
4. Dr. M. Swamy Das delivered lecture at UGC FDP – Copyrights and copy left at JNTU Hyderabad 12th March 2019.
5. Dr. R. Ravinder Reddy delivered a lecture on "Cryptography and Network Security" at Avanti College of Engineering, 12th April 2019.



Dr. R. Ravinder Reddy delivering lecture on "Cryptography and Network Security"

6. Dr. E. Padmalatha delivered a lecture on "Database Management System" on 4th April 2019 at VNRVJIEET.
7. R. Srikanth, delivered talk on "Usage and installation of NS3" on 29th June 2019 at CBIT.