



CMR TECHNICAL CAMPUS
UGC AUTONOMOUS
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi and JNTU, Hyderabad
Kandlakoya, Medchal Road, Hyderabad- 501 401, Telangana

Estd: 2009



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT

Session Topic: A one-day *“Report on One Day Industrial Visit on 08/08/24”*

Objective of the Program: The Institution Innovation Council (IIC 6.0) from the Department of Computer Science and Engineering conduct a Session on “One Day Industrial Visit for Young Entrepreneurs” on 08/08/2024 from 10:00 am to 2:30 p.m. for BTech CSE students at C-DAC, Centre, Hyderabad, Telangana.

Mr M Kumar Joint Director has given the introduction C-DAC establishment. Knowledge was given to the students in Research, Development and Training activities embracing the latest Hardware & Software Technologies. The centre is a knowledge Centre with the components of Knowledge Creation, Knowledge Dissemination and Knowledge Application to grow in the areas of Research & Development, Training, Services, Outreach and Business respectively. The thrust R&D areas of the centre are High-Performance Computing & Quantum Computing, Strategic Electronics, Cyber Security and Software Technologies. The centre has developed over a period of time a number of products and solutions and has established a number of labs in cutting edge technologies. Centre is also actively contributing to society through its ICT for Social development initiatives such as Vikaspedia, Information Security Education & Awareness etc.

In line with these R&D strengths, the centre also offers various Post Graduate Level Diploma Courses, skill based short-term programs, M.Tech in Electronic Design & Technology, faculty updation programs & corporate training programs. C-DAC Hyderabad is also offering online training programs through CHARiOT platform.

Benefits/Outcome of the Program:

1. students were able to understand the functioning of the industry.
2. Provides an insight into the real working environment
3. Provides an opportunity to plan, organize and engage things
4. A good opportunity to interact with the experts
5. Helps to enhance their interpersonal skills
6. Developed Confidence and Learning experience

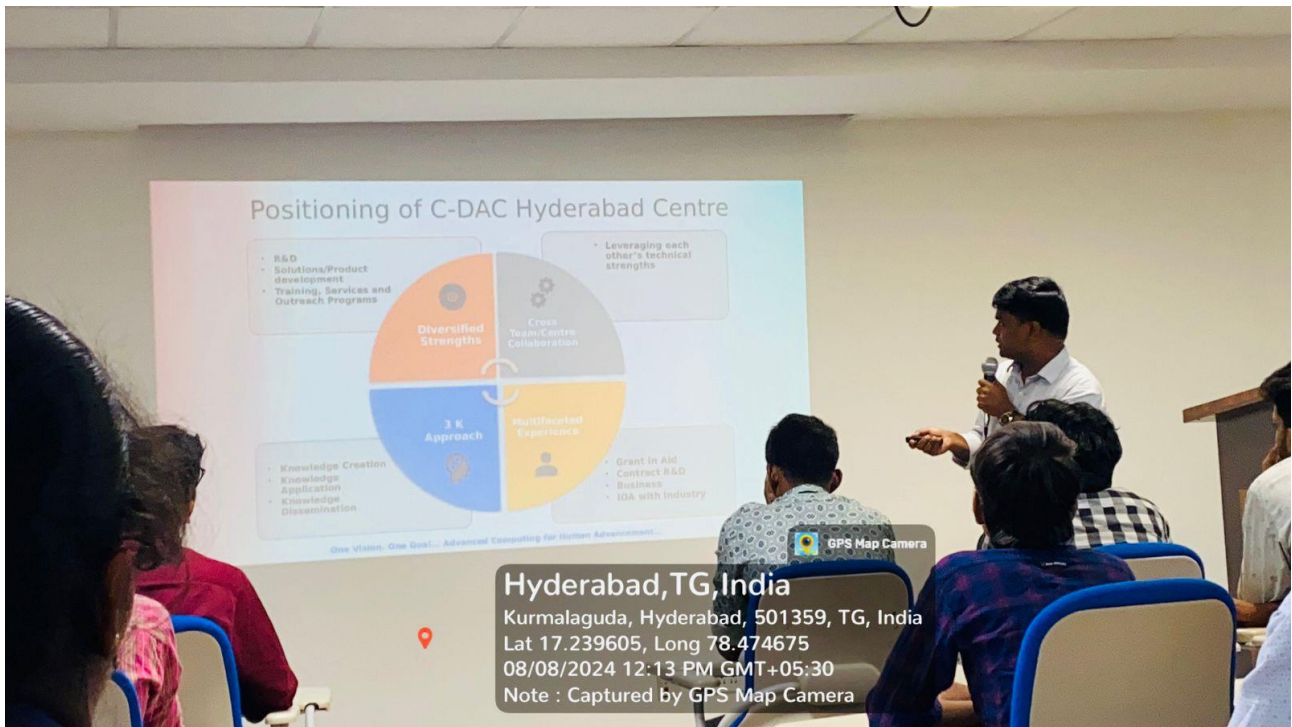
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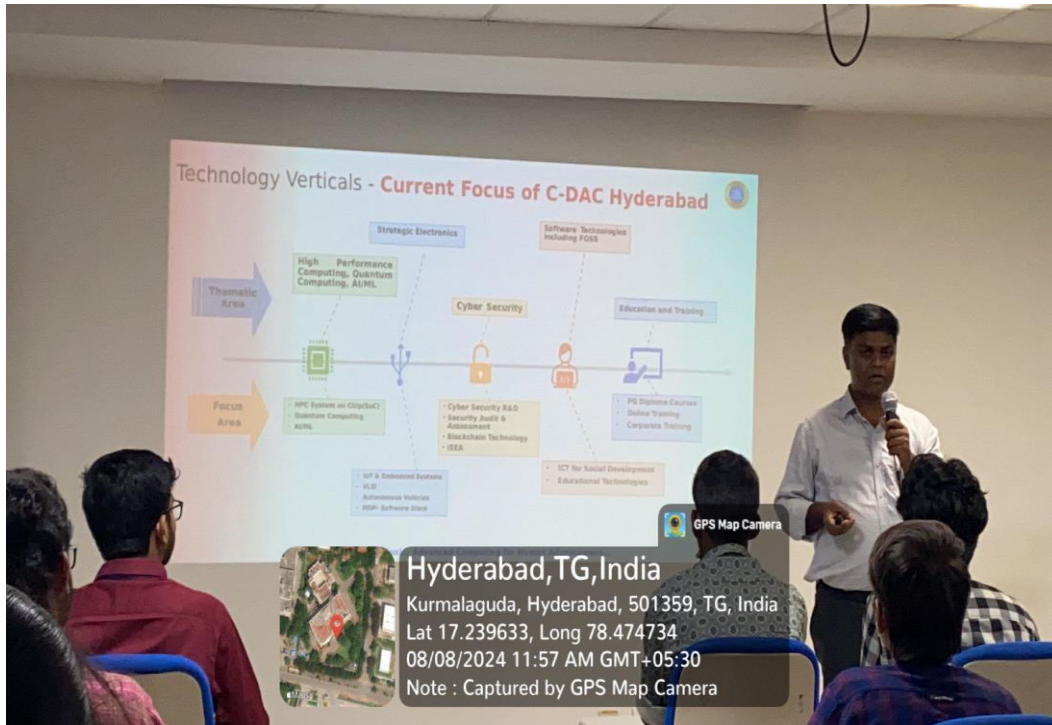
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Further, Mr Srikant, Project Manager, from C-DAC gave a talk on IoT

- Prepare for and take charge of the advancement of next-generation IoT technology. It includes understanding its connection to computing, trust, security, and privacy within the framework of new technologies
- Establishing an emergency response environment that facilitates efficient security monitoring and the dissemination of advisories
- Guide the need for India's digital technologies related to a Trusted and Secure IoT ecosystem. (data, cybersecurity, AI, skills, interoperability, etc.) in industry and the public sector.

- Identifying research, innovation, and implementation objectives and issues that should be addressed to guide future public and private investments. It includes activities such as developing future work programmes and calls for proposals
- Discuss the necessity of India's digital capabilities in relation to the development of technologies associated with a trusted and secure IoT ecosystem. Data, cybersecurity, skills, and interoperability have become increasingly prevalent in industry and the public sector.
- Brainstorm on the mechanisms to address the identified challenges by harnessing the potential of India's startup ecosystem and leveraging the expertise of R&D institutions, academia, and Industries.

Further, Mr P Sunil Kumar, Team leader from C-DAC gave a talk on IoT



Mr P Sunil Kumar Team lead, for Cybersecurity from C-DAC

- Increased Internet penetration has given exponential rise in sophisticated attacks on Information Technology (IT) infrastructure.
- Attackers are gaining access to sensitive information like credit card details and other financial information.
- Smartphone attacks are growing in multiple folds. Also with the growth of 3G services and business transactions using mobile phones, there is a substantial increase in mobile malware.
- In order to make our IT infrastructure resilient against these threats, there is a need for cutting-edge Research and Development efforts in Cyber Security.
- C-DAC has been actively pursuing R & D in a number of sub-areas in Cyber Security domain.





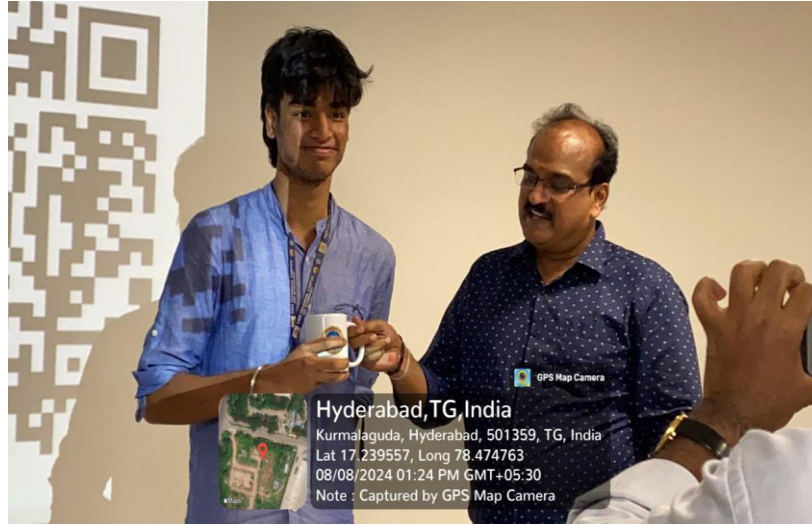
Mr. M Jagadish Babu, Project Manager, ISEA, C-DAC

- MeghSikshak is an advanced e-learning platform that can be used to offer Massive Open Online Courses(MOOC) or online courses.
- It provides flexibility for customisation, scalability and high availability for offering various e-learning services without the need for hardware and software resources at end user premises.
- MeghSikshak supports Sharable Content Object Reference Model (SCORM) based content delivery, Question & Test Interoperability (QTI) based online assessment, discussion forum, certificate generation and other communication & collaboration services.
- It can be used for skill development, capacity building and other training programmes through e-learning.
- MeghSikshak is successfully implemented for Bureau of Police Research & Development(BPR&D), Maharashtra Police Academy(MPA) Nashik, Gujarat Forensic Sciences University(GFSU), Kerala Police Academy(KEPA) etc for training law enforcement agencies. Also, it is used for government officers training as part of Information Security Education Awareness(ISEA).



Later after the completion session based on that certificate and prize distribution was followed:







1. **Organized on:**08.08.2024
2. **Student Participants number:**106
3. **Students/Faculty Registration Details with timestamp:** Attached
4. **Faculty Participants number:** 10
5. **Expenditure amount if any:** Rs. 6500/-
6. **Photographs(5to6):**



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Department of Computer Science & Engineering
in association with
Institution's Innovation Council (IIC 6.0) Organizing

One day Industrial Visit for Young Entrepreneurs



 **C-DAC CENTER,
HYDERABAD**

REGISTER NOW



08-08-2024



10.00 AM to 01.00 PM

**Dr.S.Suma
V. S. Manoj Kumar**
Program Co-Ordinators
CMR TECHNICAL CAMPUS
Hyderabad

Dr.K.Maheswari
Co-Ordinator, IIC
CMR TECHNICAL CAMPUS
Hyderabad

Dr.Sudha Arvind
Convener, IIC
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Dr.M.Ahmed Ali Baig
President, IIC
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Dr.A.Raji Reddy
Director
CMR TECHNICAL CAMPUS
Hyderabad

 /cmrtechnicalcampus
www.cmrtc.ac.in

13. Lead Expert Name Mr M Kumar Joint Director, Mr Srikant, Project Manager, Mr P Sunil Kumar, Team leader, Mr P Sunil Kumar Team lead, for Cybersecurity, Mr. M Jagadish Babu, Project Manager, ISE from C-DAC.

15. Lead Expert Designation: Joint Director, C-DAC, Hyderabad, Telangana.

16. Lead Expert Organization: Research & Development, Hyderabad, Telangana