

CDC/003/JAN-2024

CDC NEWSLETTER



HITAM
find your path



* in Telangana
Top Engineering Colleges
Ranking 2023 by **TIMES (TOI)**



(Ranked in 101-150 Rank Band)
among Privately funded Institutions
in **NIRF Innovation Rankings 2023**



HITAM
**CAREER
DESIGN
CENTER**

HYDERABAD INSTITUTE OF TECHNOLOGY & MANAGEMENT
UGC AUTONOMOUS COLLEGE | A+ RATING BY NAAC | ACCREDITED BY NBA | ACADEMIC PARTNERS WITH CISCO

OUR TOP ACHIEVERS

secured a remarkable
₹24 Lakhs per Annum Package!



KAPARTHI KRUTHIK

21E55A6204 (CSC)

Placed as
Engineering Analyst
in Goldman Sachs



DHANNI PAVANI

20E51A6618 (CSM)

Placed as
Engineering Analyst
in Goldman Sachs

Both the students were selected for the Summer Intern Analyst with Goldman Sachs through an on-campus drive. They did their two-month internship at **Goldman Sachs**, Hyderabad and based on their performance, they have been given with the full time employment with Goldman Sachs with a CTC of 24 LPA.

INTERNSHIP @ IIT HYDERABAD

P Suman

3rd year CSM student
clinched a research
internship of prestigious
IIT Hyderabad.



TRAINING

4TH
YR
2020-24
Batch

Company Specific Training

Students trained: 497

90 hrs

From 6th to 20th Sep 2023

Core Training - Embedded Systems

Students trained: 49

72 hrs

From 14th Aug to 27th Sep 2023

3RD
YR
2021-25
Batch

Technical & Aptitude Training

Students Trained: 478

48 hrs

From 20th Nov to 9th Dec 2023

2ND
YR
2022-26
Batch

Technical & Aptitude Training

Students Trained: 583

48 hrs

From 20th Nov'23 to 3rd Feb '24



ASSESSMENTS

CoCubes

» Conducted for 2020-24 Batch (IV-I)

Mode of Exam : Online (Proctored)

Name of the Assessment : Y-1

Assessment on : Analytical Reasoning Test, Quantitative Aptitude Test, Written English Test, English Usage Test, Domain Skills, Computer Fundamentals, Employability Test, Coding Skills

No. of students assessed : 425

Name of the Assessment : DCTs

Assessment on : Analytical Reasoning Test, Quantitative Aptitude Test, Written English Test, English Usage Test, Domain Skills, Computer Fundamentals, Employability Test, Coding Skills

No. of students assessed : 384

» Conducted for 2021-25 Batch (III-I)

Mode of Exam : Online (Proctored)

Name of the Assessment : Pre-Assessment

Assessment on : Analytical Reasoning Test, English Usage Test, Quantitative Aptitude Test, Coding Test, Written English Test

No. of students assessed : ART - 351, EUT - 360, QAT - 349, Coding - 318, WET - 289

» Conducted for 2022-26 Batch (II-I)

Mode of Exam : Online (Proctored)

Name of the Assessment : Pre-Assessment

Assessment on : Analytical Reasoning Test, Employability Aptitude Test, Coding Test, Written English Test

No. of students assessed : ART - 549, EAT - 540, Coding - 506, WET - 520

Industry Mentoring Session

IMPACT AND IMPORTANCE OF PHYSICAL DESIGN IN INDUSTRY APPLICATIONS

by **Dr Shasanka Sekhar Rout**

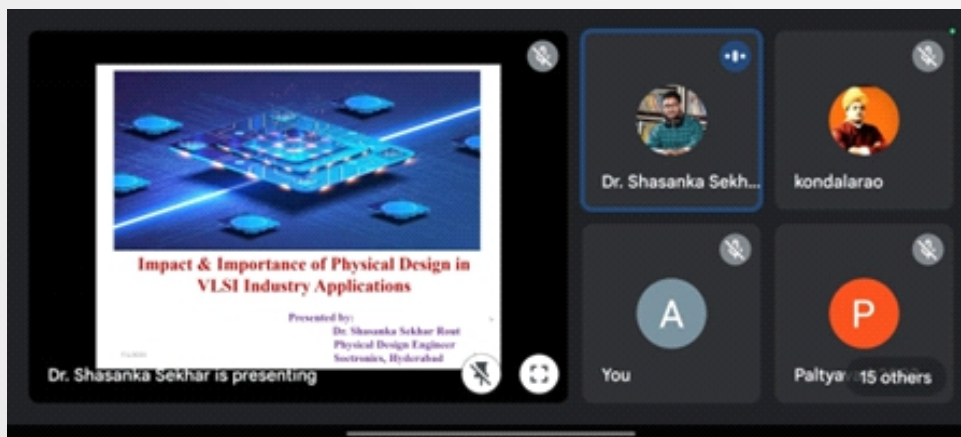
Physical Design Engineer, Soctrionics
01 July 2023

INDUSTRY ENGAGEMENT

Dr Shasanka has done his M.Tech and Ph.D in VLSI Signal Processing from VSSUT, Burla. He has worked in academia, research, and business for more than 7 years. He is presently employed for Soctrionics in Hyderabad as a Physical Design Engineer.

Dr Shasanka is a professional in ASIC Physical Design. In addition to having practical experience with TileBuilder, Synopsys ICC2, and Prime Time, he is a specialist in floor plans, placement, CTS, routing, signoff, and static timing analysis.

He described how a Physical Design Engineer builds circuits to maximise output and solve issues. The task of dealing with computer chips, circuits, and associated parts falls to a physical design engineer. They are in charge of developing microchips, processor layout circuit creation, semiconductor analysis, as well as creating, maintaining, and carrying out other associated tasks. He emphasised the relevance of many tools, including Xilinx and Cadence, as well as the physical design process. He also advised the students to explore their scopes of engagement in companies like Qualcomm, Intel, and Broadcom that work in the field of semiconductor and VLSI. In order to prepare the students for the industry, he advised them to pursue internships in the field of VLSI. About 20 students attended the session.



Industry Mentoring Session

SKILLS REQUIRED IN CORE INDUSTRIES

by **Shubham Kamal**

Managing Director, R R Equicons Pvt. Ltd.
16th Sep 2023

Mr Shubham Kamal is a B.Tech and M.Tech in Civil Engineering and is currently pursuing his Ph.D from NIT, Jamshedpur. He worked as an Associate Engineer with Delhi Development Authority and as a Researcher at Tata Steel and is currently working as the Managing Director of R R Equicons Pvt. Ltd.

Mr Shubham addressed the 3rd and 4th year students of the Mechanical Engineering students on how to make themselves ready for core Industries. He shared his valuable experience that helped him to be placed at such a prestigious position. He shared his journey from his graduation to working in TATA Steels and to becoming the Managing Director of R R Equicons Pvt. Ltd.

Shubham shared with students the skill requirements of core industries. Besides the core domain skills he also talked about the importance of coding skills in the current Industry 4.0 and upcoming Industry 5.0. He also suggested students learn designing tools like Autocad, Solidworks, Fusion 360, Turbo 360 and Zeta. He gave tips and tricks on how to build a strong resume so as to stand out among their peers and how to get into the Navratna Companies of India. The interaction ended with a Q&A session.



Industry Mentoring Session

CARVE YOUR CAREER IN GERMANY

by **Ms Adyasha Swain**

Senior Consultant, Protiviti Deutschland, Germany

16th Sep 2023

Ms Adyasha is a B.Tech in Electronics and Communication Engineering. She has also done her MBA in International Management at ESB Business School, Germany. She has worked with top industries like Infosys, PwC, Protiviti Deutschland, Germany and is currently working with Booking.com, Netherlands as a SAP Security Administrator.

Adyasha delivered the session on how to get into universities in Germany for the students of HITAM who are aspiring to pursue their higher education abroad. She talked about various universities and their admission processes and details of fees. She also asked the students to search for the universities of their choice and see the application processes which can be done individually without consulting or seeking help from any higher education agencies.

Adyasha also highlighted the necessity of doing a good research project and a few internships along with good CGPA that can fetch them a fellowship or scholarship at various universities.



Industry Mentoring Session

AR/VR IN LEARNING ECOSYSTEM

by **Niladri Bihari Nayak**

Enterprise Architect, KPMG Global Services

26th Sep 2023

Mr Niladri is a B.Tech in Electronics and Communication Engineering. He has done his PGDSCM from Symbiosis International University, Certification Program in Global Social Entrepreneurship Program from University of California, and is currently a Research Scholar at



Swiss School of Business and Management, Geneva. He has a splendid professional career spanning over 14 years working in Wipro, PwC, Deloitte, and KPMG Global Services. He is also the founder of SuccessLab Academy, a community driven hybrid learning platform from HR Tech to wider Enterprise Architecture.

In his interaction he talked about how AR and VR are two emerging technologies that have the potential to revolutionise the way we learn. These technologies can be used to create a variety of learning experiences, from interactive simulations to virtual field trips. They can also be used to support personalised learning and to provide students with opportunities to practise skills in a safe and controlled environment. These technologies are also transcending gaming and entertainment to become crucial tools for enterprises.

He also talked about the scope and prospect of the current batch students in the field of AR/VR. The session was extremely informative and interactive.

Industry Mentoring Session

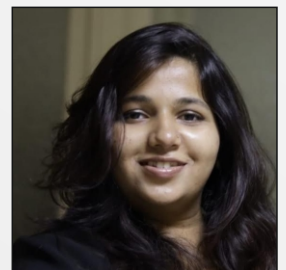
THE EVOLUTION AND ADVANCEMENT OF SEMICONDUCTOR MEMORY

by **Roshni Kumari**

Firmware Engineer, Siliconauto, Taiwan

29th Sep 2023

Roshni completed her B.Tech in Electrical and Electronics Engineering in 2019 and her MS in Electrical Engineering and Computer Science from National Chiao Tung University, Taiwan in 2021. She worked as an intern in Tata Steel; CSIR, National Metallurgical



Laboratory; and University of Electro Communications, Japan. She took up her first full time job in Micron Technology, Taiwan as a DEMQRA Engineer.

She briefed the students about the evolution of memory devices from the Williams-Kilburn tube developed in 1947 at Manchester University to the Semiconductor Memory Devices used predominantly in all computer systems today. She informed the students about the rising employment opportunity in the semiconductor sector across the globe. She also advised the students to explore the expanding industry of semiconductors in India for an exhilarating career.

Industry Mentoring Session

UNDERSTANDING THE BENEFITS OF THE COCUBES PLATFORM

by **G Karthik**

Sr. Manager Institutions, Education Vertical, CoCubes

by **Vinay Singh**

National Lead, CoCubes

03 - 05 October 2023, and 22 November 2023

The platform orientation for all the students of 2nd, 3rd, and 4th year was held on 3rd, 4th, and 5th October 2023 respectively by G Karthik, Senior Manager, CoCubes. The session apprised the students on the CoCubes platform, regular assessments, performance reports and placement opportunities through the platform. Students were informed about how to understand the individual performance reports and work on their required skills in Aptitude, Reasoning, Computer Fundamentals, Coding, Domain, and English.

The orientation for the first year students was held on 22nd November by Mr Vinay Singh, National Lead, CoCubes. Vinay is an alum of HITAM and has been working with CoCubes for the past 12 years. He currently heads the Asia Pacific region for CoCubes. He addressed all the first year students on the CoCubes platform, assessments, and its importance in industry readiness.



Industry Mentoring Session

CURRENT MARKET EXPECTATIONS FROM FRESH GRADUATES

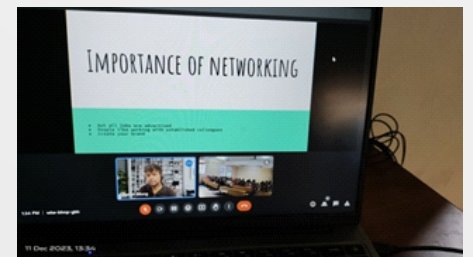
by **Manish Bilung**

Consultant, Cognizant Servian, Australia

11 December 2023

Manish Bilung serves as a Consultant at Cognizant Servian, Australia. He did his B.Tech in Computer Science and Engineering in 2013. Immediately after his graduation he joined Infosys and worked for a period of over 5 years. In the last 10 years of his professional career he has worked with TCS, Maersk, and Siemens. He is with Cognizant for almost a year. During his college days, he was a very active member of the literary club of the institute, Club Eureka and was instrumental in organising a number of events under the aegis of the club.

In his talk he highlighted the current market expectations from fresh graduates, most in-demand skills, continuous learning, career scope after CSE, importance of networking, and understanding the market trends. About 50 2nd year CSE students attended the session.

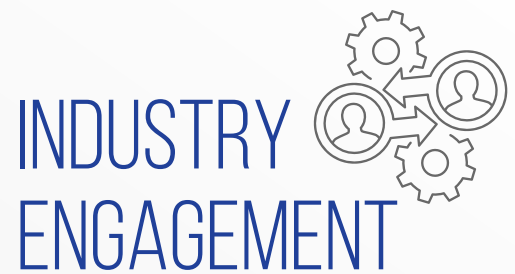


Industry Mentoring Session

C-DAC INITIATIVES IN EMERGING TECHNOLOGIES AND SKILL DEVELOPMENT OPPORTUNITIES

by **M Kumar**

Joint Director, C-DAC, Hyderabad
18 December 2023



The Center for Development of Advanced Computing (C-DAC) is a R&D establishment under the Ministry of Electronics and Information Technology, Government of India. The Hyderabad centre, established in the year 1999, works 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.

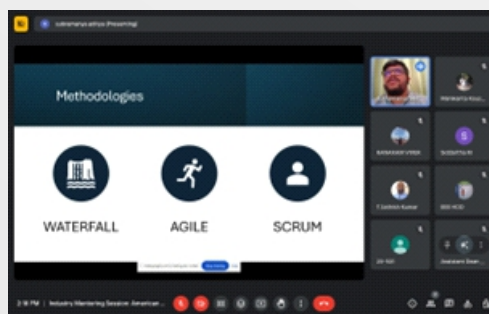
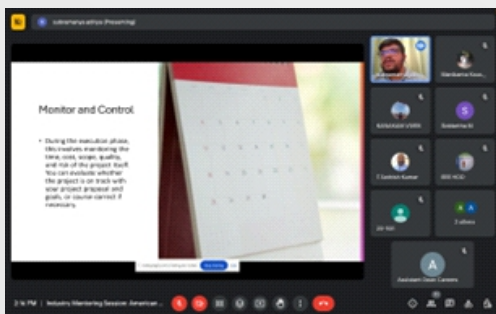
Mr M Kumar, Joint Director, C-DAC Hyderabad addressed the 3rd year students of CSE, ET, and ECE of 2021-25 batch on various initiatives of C-DAC, training programmes, internship and placement opportunities. A total of 304 students attended the session.

Industry Mentoring Session

IMPORTANCE OF UNDERSTANDING THE PROJECT MANAGEMENT LIFECYCLE

by **Subramanya Aditya**

Senior Integration Developer, American Express
23 December 2023



Aditya graduated from HITAM in the year 2012 in Computer Science and Engineering. He started his career in Eidiko Systems Integration Pvt Ltd and gradually moved to work with American Express. He is currently working as a Senior Integration Developer with American Express, Bahrain. He is an experienced Business Process Management Consultant with a demonstrated history of working in the information technology and services industry. He is skilled in Microsoft Excel, SQL, IBM BPM, Business Process Improvement, and ODM.

In the online session on the Importance of Understanding the Project Management Lifecycle, he talked to the students of HITAM about the various stages of the project life cycle starting from initiation to execution. He also focused on the various project management methodologies and how understanding the same helps professionals navigate seamlessly through client expectations to product deliveries. This also requires a good sense of camaraderie, teammanship, communication, negotiation besides understanding the project architecture. He guided attendees on the skills required if they wish to carve their career in a company like American Express.



HIGHER EDUCATION

Session on Higher Education

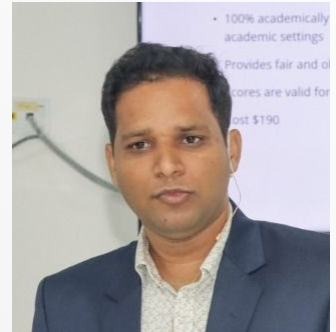
PASSPORT TO IVY LEAGUE

by **Bharath Karra**

Senior Manager, Business Development, ETS India

19 December 2023

A session for the higher education aspirants of 2021-25 batch was organised on 19th December 2023. The resource person for the session was Mr Bharath Karra, Senior Manager, Business Development, ETS, India. Mr Karra addressed the students on the importance of GRE and TOEFL examinations. He also highlighted the various scholarships and fellowships offered by foreign universities based on students' performance in GRE. He shared the list of Ivy League and Russell Universities and the score requirements for them. ETS is the test makers of GRE and TOEFL. Mr Bharath also gave the students tips on how to have a good score in both the tests.



Session on Higher Education

HIGHER EDUCATION AT WORCESTER POLYTECHNIC INSTITUTE

by **Ms. Deepika R Phukan**

Recruitment Specialist, WPI Business School

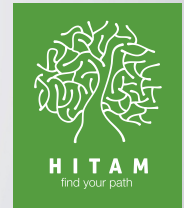
13 September 2023

Worcester Polytechnic Institute (WPI) is a private research university in Worcester, Massachusetts. Founded in 1865, WPI was one of the United States' first engineering and technology universities and now has 14 academic departments with over 50 undergraduate and graduate degree programs in science, engineering, technology, management, the social sciences, and the humanities and arts. WPI awards bachelor's, master's, and Ph.D. degrees for the completion of these programs. It is classified among "R2: Doctoral Universities – High research activity".

An interactive session with Worcester University, USA was planned on 13th September 2023 for all the higher education aspirants of HITAM. Ms. Deepika R Phukan, Recruitment Specialist, WPI Business School addressed the students on the various programmes offered at the university, its admission process, best faculty for MS, and various scholarships and fellowships that the students can avail. Around 100 students of final year and pre-final year attended the session.



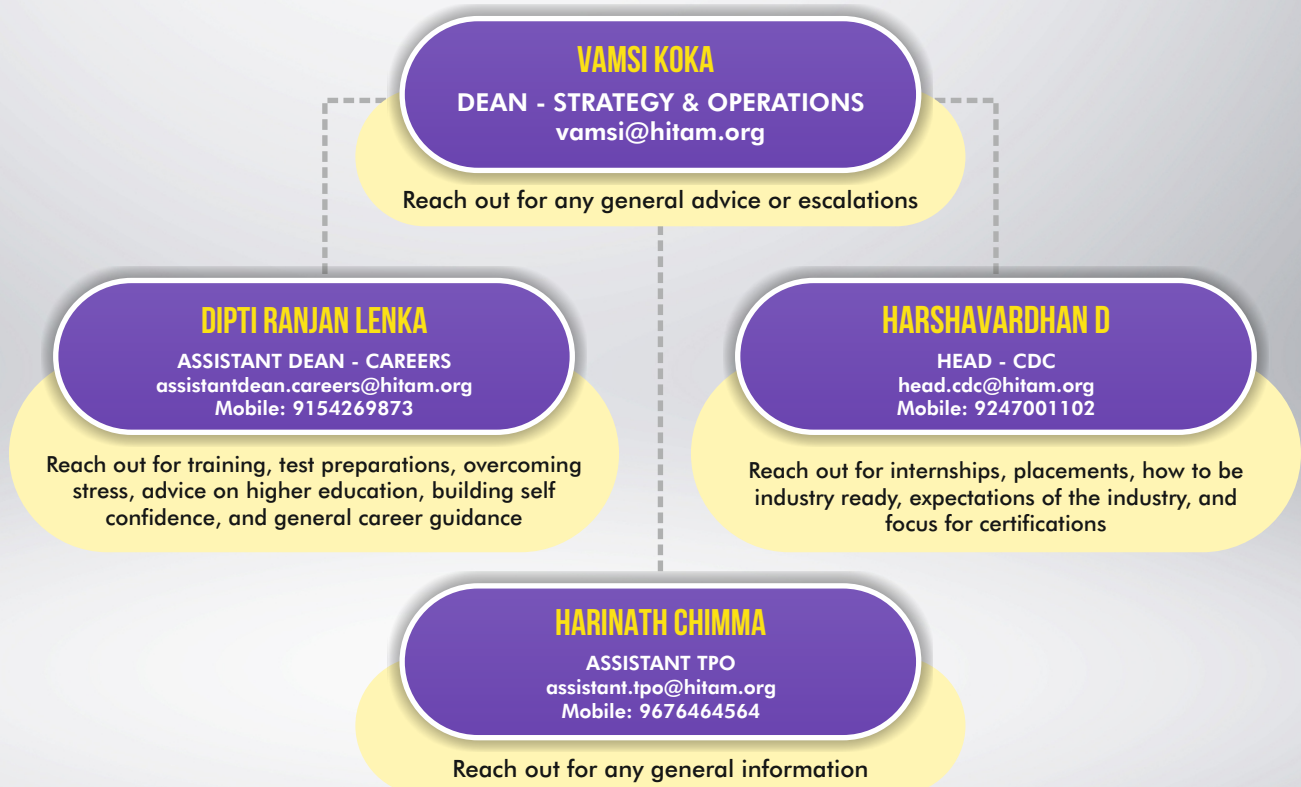
KNOW YOUR CAREER DESIGN CENTER (CDC)



HITAM's Career Design Centre (CDC) serves as an enabler for students' careers and ambitions. It works closely with industries and other departments internally to assist students in aligning their learning towards the needs of the industry.

- CDC conducts structured training programs from first year onwards to help students develop their aptitude, reasoning and soft skills.
- Careers aspirations for the students are collected every year to help them with personalised suggestions, along with an Individual Development Plan involving the Program Office.
- Periodic assessments are conducted to assess the students' learning and make them understand where they stand against the expectations of the industry.
- CDC offers industry relevant technical training based on the students aspirations.
- CDC brings in industry professionals to mentor students and help them understand how the industry works, at an early stage of their academics.
- CDC supports in securing internships and placements, and also provides assistance for higher education.

CDC TEAM



Find us at F18, 1st Floor, Main Building.