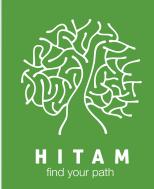
CDC NEWSLETTER





CAREER DESIGN CENTER



* 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

HIGHER EDUCATION

The following students have been selected by different overseas universities to pursue their higher studies.



V. AKSHAYA REDDY 19E51A0474 - ECE Masters in Computer Science University of Massachusetts Boston, USA



N. VINEELA REDDY 19E51A0573 - CSE Masters in Computer Science University of Central Missouri Lees Summit, MO



M RUTHVIKA 19E51A0562 - CSE Masters in Data Sciences University at Buffalo New York, USA



ABHIJEET MATADHA 19E51A0566 - CSE MS Computer Science University of Dayton Dayton, Ohio



GUDEPU AASHRITHA 19E51A0543 - CSE Masters in Data Analytics University of North Texas Denton, Texas



LALITHA YENUMULA 19E51A05C0 - CSE MS Computer Science University of Dayton, Dayton, Ohio



RAJEEV MAROJU 19E51A0565 - CSE MPS in Data Sciences & **Applications** University at Buffalo New York, USA



Global Tree Student Interaction for Higher Education

Personnels from Global Tree interacted with the students of final and 3rd year regarding higher education opportunities on 1st April 2023. They discussed the various scholarship schemes available especially the Ambedkar Overseas Vidhya Nidhi Scheme for SC/ST students where they can avail scholarships of upto Rs. 7 Lakh to Rs. 30 Lakh for pursuing their MS in the universities of repute. They also apprised the students about the training they offer on IELTS and GRE free of cost for all SC/ST students and at a subsidised fee for the rest. Around 40 interested students attended the awareness session.

Student	Branch	University for Higher Education	Programme Enrolled
M Ruthvika	CSE	University at Buffalo	Masters in Data Sciences
Rajeev Maroju	CSE	University at Buffalo, New York	MPS in Data Sciences and Applications
Gudepu Aashritha	CSE	University of North Texas	Masters in Data Analytics
V.Akshaya Reddy	ECE	University of Massachusetts Boston	Masters in Computer Science
N. Vineela Reddy	CSE	University Of Central Missouri	Masters in Computer Science
Lalitha Yenumula	CSE	University of Dayton	Masters in Computer Science
Abhijeet Matadha	CSE	University of Dayton	Masters in Computer Science
ALWALA NEHANSH	CSE	Florida Atlantic University	Masters in Computer Science

CAREER IN DEFENCE SERVICES

Shantanu Yadav, a final year CSE student carved his career in Indian Navy. From being promoted to Cadet Senior Under Officer in NCC to representing India in foreign lands through the Youth Exchange program, he has proved his mettle. He has shown excelling performance as Camp Senior and double clearing the SSB interviews, ready to embark on a new journey at the Indian Naval Academy in Ezhimala.

In NCC, Shantanu was promoted to the rank of Cadet Senior Under Officer or 1T Air San (highest rank in NCC. He got selected for the Youth Exchange Programme to represent India in foreign countries. He was the camp senior for Air Force Attachment Camp in 2022 conducted at Air Force Academy, Dundigal. He was the camp senior for Annual Training Camp 2022 conducted at Bison Training Grounds, Secunderabad. He was also selected for Spacial National Integration Camp, Nagaland.



Shantanu cleared SSB interview twice: first, for the Pilot Entry in the month of February and second, for the Tech Entry in April. He will be joining the Indian Naval Academy, Ezhimala in the month of October 2023.

INTERNSHIP AT MCEME, HYDERABAD

A total of 15 students from HITAM were selected and offered a 45-day internship at the prestigious Military College of Electronic and Mechanical Engineering (MCEME), a renowned institution in the Indian Army. The selected students worked under the guidance of skilled army officers and provided services for our nation with 4 impactful projects during this internship. This internship greatly enhances the students' profiles, as they have gained valuable experience working with a prestigious and respected organization of the nation.



Project Training Program Management

Name	Branch
Ruth Manvitha	CSE
Shiv Shankar	CSE
Marri Bindu	CSE
C. Srikanth	CSE

Project CAMPUS MANAGEMENT SYSTEM

Name	Branch
Grandhi Varshith	CSE
Appana B	CSE
G Mahesh	CSE

Project

Massive Mimo Antenna Arrays

Branch
ECE
ECE
ECE
ECE

Project

HIGH POWERED MICROWAVE ANTENNA IN X BAND

Name	Branch
Pathlavath Chinni	ECE
Nakkina M	ECE
Golla Venkatra Prasad	ECE
Muthakani K	ECE







ASSESSMENTS

CoCubes

Conducted for 2022-26 Batch (I-I)

Mode of Exam : Online (Proctored) Name of the Assessment: Pre Assessment

Assessment on : Analytical Reasoning Test, Quantitative Aptitude Test,

and Written English Test

No. of students assessed: ART - 379

QAT - 367 WET - 359

Conducted for 2021-25 Batch (II-II)

Mode of Exam : Online (Proctored) Name of the Assessment: Pre-Assessment

Assessment on : Employability Aptitude Test,

Coding, Domain Skills

No. of students assessed: EAT - 251

Coding - 227 Domain - 240



EVENTS

NON-DESTRUCTIVE TESTING TRAINING AND CERTIFICATION

A batch of 16 Mechanical Engineering Student of final year successfully completed the ASNT Level-II Certification programme for Non-Destructive Testing Techniques (NDT). The students underwent a 90-hour training programme on NDT. These students currently hold certifications as NDT experts. In the valedictory ceremony conducted on 6th May 2023, Dr. Ravi P Reddy, Technical Director, MEIL, Chief Guest of the programme, felicitated the students with Certificates and invited all of them to join MEIL after completion of their graduation.



AWS TRAINING AND CERTIFICATION

Cognizant through ICT Academy offered a 90 hour training programme on AWS Cloud to 109 girl students of HITAM from 1st March to 18th March 2023. All the students cleared the assessment conducted at the end of the training and are now certified AWS Cloud Professionals.



ORIENTATION SESSION ON DEFENCE SERVICES

An orientation session on Defence Services was organised on 17th March 2023 for the interested students. Major General Mani, Chief Mentor, HITAM and Colonel Subramaniam, Registrar, HITAM interacted with the students. They highlighted on what sort of preparations the students need to make in order to get into defence services.

Maj. Gen Mani shared his own experience in the defence services and what it means to be in the most coveted and prestigious job in the country. Col. Subramaniam talked about entries with written test and SSB like Combined Defence Services (CDS), Air Force Common Admission Test (AFCAT), Indian Navy Entrance Test (INET); entries with direct SSB interviews like Technical Graduate Course (TGC), Short-Service Commission - Technical (SSC-Tech), University Entry Scheme (UES) etc. In addition, he also reiterated on the physical and mental fitness which is required for the said service.



GECF INTERACTION FOR HIGHER EDUCATION

Global Education Career Forum interacted with the 2nd and 3rd year students who are interested to go for higher education abroad. They sensitised the students on the process from applying through admissions. They also shared information on various scholarship schemes available in different universities of USA, Canada, UK, Australia and others. They also apprised the students on various government scholarships available for students studying abroad and how they can assist the aspiring students in availing those govt scholarships. GECF is also offering free IELTS coaching for all registered students.



ALUMNI MEET

An alumni meet was held on the occasion of the Republic Day, the 26th of January 2023. About 24 alumni from different batches attended the meet. During the alumni, faculty, and leadership interaction, alumni shared their journey and experience at HITAM and in corporates thereafter. They volunteered for helping students on careers, startups, projects, internships, and placements. The alumni suggested to have training programmes on DevOps, Network Security, TCPI, Data Mining, Block Chain, and Applications of Cyber Security for the existing students of HITAM.



WORKSHOP ON 'UNLEASH THE SUPER CONFIDENT PERSON IN YOU'

From June 5 to June 23, 2023, all third-year students participated in a programme on boosting self-confidence. The program's goal was to instil in students a sense of selfassurance before they participate in placement drives scheduled to begin in August 2023. These students received training in coding, reasoning, and aptitude in order to be prepared for the upcoming placement drives. They would feel more at ease participating in and giving their best effort during the recruitment drives after the session on boosting self-confidence.

The students gained an understanding of the principles of Belief, Action, and Result and how having a solid grasp of them may improve their overall performance and usher them into a world of contentment and optimism. They were taught how to manage their minds in difficult circumstances in the same context. They became aware of the power of "My" and "I" through the Circle of Excellence activity. Students discovered through activities how mental processes greatly influence personality and how the mind reacts to daily actions. The seminar gave the students a boost of selfassurance and they are self-assured that they will undoubtedly fare better in the upcoming placement drives.



SUPRIYA GAHLOT

- Transformational Speaker,
- Coach & Author
- Adjunct Faculty, HITAM



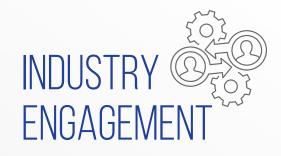


WHAT IT TAKES TO GET INTO MICROSOFT

by Sanchit Ranjan Project Manager, Microsoft 18th March 2023

Sanchit Ranjan is working as a Project Manager with Microsoft, Hyderabad. He hailed from Jharkhand and completed his B. Tech in Computer Science Engineering from one of the private engineering colleges in Odisha. He got into Capgemini through campus recruitment and in three years of time he made it to Microsoft as the Associate Project Manager.

Sanchit had an open interaction with the students of third year engineering. He shared with them the culture at Microsoft and the importance of a growth mindset. He discussed why it is important to consciously move away from using phrases like 'I don't know/understand to 'I don't know/understand yet'. He also highlighted the power of networking and how to leverage LinkedIn. Around 33 students participated in the industry mentoring session.





Industry Mentoring Session

SUPPLY CHAIN MANAGEMENT



by Mr Kedar Mukherjee Manager, Programme Management, Amazon 18 Apr 2023

Kedar did his B. Tech in ECE from National Institute of Science and Technology, Odisha and MBA in Manufacturing & Operations from SP Jain Institute of Management and Research. He worked with Nokia as a Process and Quality Engineer; Samsung as an Assistant Engineer; and has been working with Amazon for over 6 years.

Kedar, in his session, talked about the strategic importance of Supply Chain Management(SCM). He highlighted how SCM helps in the integration of the activities that

procure materials and services, transform them into immediate goods and the final product, and deliver them to customers. He also talked about various job roles that students can aspire to take up in their career and the skill requirements for the same. About 20 students attended the online session.

Industry Mentoring Session

KEYS TO GET INTO A BIG BRAND

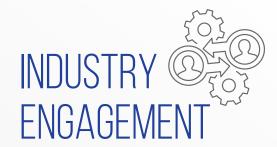
by Samikshya Mishra Application Developer, IBM 6th May 2023

Samikshya immediately after her B. Tech in Electronics and Communication Engineering in the year 2018 joined LTIMindtree as a Software Engineer. She moved to IBM in 2022 as an Application Developer. Her skills include Adobe Experience Manager, Adobe Experience Platform, Web Data Analytics - Adobe Analytics. She is experienced in content management development, developing full-stack web applications by understanding complex business needs and problems using modern-day techniques and tools, troubleshooting issues and



coordinating issue resolution with operational, functional, and technical teams, understanding of modern development tools such as JIRA, GIT, Visual Studio, Eclipse and she is highly proficient in technologies such as AEM, AEP, Adobe Analytics, Java, JavaScript, JQuery, HTML, CSS, etc. for building scalable, reusable, and responsive applications.

Majorly she interacted with the students on what they want to achieve in their professional careers. She gave students tips and tricks to crack interviews. She addressed the students questions ranging from academics, CGPA, skills, to campus recruitments and corporate life.



LIFE OF A FULL STACK DEVELOPER

by Harsh Poddar

Harsh Poddar, Software Engineer, Airbus 16th June 2023

Harsh completed his B.Tech in CSE. He did his Research Internship at IIT Kharagpur and L&T Technology Services Ltd. during his graduation. He joined Airbus as an Associate System Engineer in 2020 and is currently working as a Software Engineer in the same company. At Airbus he has successfully managed multiple projects, including Reload and Succession, while providing support and maintenance, ensuring their smooth operation and timely delivery; demonstrated expertise in various technologies, such as Websockets, Mulesoft API development, and Workday integration, enabling real-time communication, seamless integration, and efficient HR processes. He is proficient in implementing authentication and authorization flows, including OAuth, MSSO, JWT Bearer, U2M, and M2M, ensuring secure data exchange and access control. He has worked collaboratively in Agile methodology, fostering effective teamwork and ensuring project success.

Harsh narrated his journey from B.Tech to internship and finally into corporates. He explained about the technologies he learnt on his way and how he is using them now. From a hardcore researcher in college days who always worked on the backend technologies, he swiftly moved to a domain where he can start from scratch and build something new. He elaborated on the different phases of full stack development and the technologies required for the same. He made the session very interactive and addressed all the questions from students in a very lucid way citing real-life examples.



HARSH PODDAR Software Engineer, **AIRBUS**

Industry Mentoring Session

CAREER IN AUTOMOTIVE INDUSTRY: DESIGN AND SAFETY

by Ravi Kumar TS Senior General Manager, ZF Group 7th January 2023

The session on Career in Automotive Industry: Design and Safety was organised on 7th Jan 2023. The resource person of the session was Ravi Kumar TS, Senior General Manager, ZF Group. Mr Kumar has professional experience of over 24 years of Automotive and Aerospace in leading business units, product engineering, Mechatronics, program management, strategic development and product launch for local and global markets.

Mr Kumar talked about design and safety in the automotive sector. He touched upon the strategic planning and technological deployment in



achieving high safety and security in vehicles. He also talked about the opportunities for engineering students in the field of automotive and aerospace industry. A total of 70 students from 3rd and 4th year attended the session.



ROLE OF TECHNOLOGY IN SOCIAL CHANGE

by Aman Kumar

Manager, Digital Operations and Platform, Wipro 10th June 2023

Aman has spent the last ten years working as an IT specialist. He earned his B.Tech in Information Technology, and shortly after graduating, he began working for Unisys. He previously held the position of Operations Lead at Accenture, and he is currently employed by Wipro in the capacity of Manager, Digital Operations and Platform. He holds a PMP certification. His areas of speciality are client operations and service delivery. He has received the Leadership Award from Unisys, Accenture Star of Business Award, and Platinum Award from Wipro for two consecutive years.

He discussed the effects of technological dynamism on society as a whole during his interaction with the HITAM students. He underlined the value of up-skilling and its function in keeping oneself abreast of time. According to him, staying on the cutting edge of technology will help students get by during the challenging times of industry hiring. In response to inquiries on whether generative AI posed a threat to the present and future workforce, he cited his own experience with the technology and highlighted how the same helps him get his work done at a much faster rate. The secret to success is embracing new technology and putting it to use to enhance your work, he reiterated. Around 20 students from different branches and batches attended the online session.



AMAN KUMAR Manager Wipro

Industry Mentoring Session

POWER OF NETWORKING

by Krishna Sri Sai

Programme Manager. Nutrihub TBI 25th March 2023

Krishna has been an entrepreneur since long. He is the recipient of the Youth Innovation Award from the Chief Minister of Odisha. He received seed funding for his own startup when he was pursuing his B. Tech. Worked extensively on Hydroponics and home automation systems. Founded a few startups: Fockus Sketch and Marketing, and recently joined Nutrihub TBI, IIMR as the Programme Manager. Nutrihub houses about 250 startups now.

The startup enthusiasts and the students who are already into some startup projects attended the mentoring session where the highlight was what works and what does not work with startups. Krishna talked about his journey as a student, entrepreneur, and back to the role of the Programme Manager at Indian Institute of Millets Research. He guided students on professional networking, participation in ideathons, self branding, understanding market needs, designing, prototyping and funding.





THE RECENT TRENDS AND FUTURE OF VLSI SYSTEMS

by Mukesh Sukla Senior Manager, Marquee Semiconductor, Marquee 20th April 2023

Mukesh Sukla has over 17 years of experience in different domains of ASIC design, training, and incubation. He started his journey as a project assistant and then worked at NIST as an assistant professor for 12 years. During his teaching assignment, he was a key mentor-cum-trainer for a number of students and helped them get into semiconductor industries like Qualcomm, Intel, Cadence, Broadcom, Wipro-VLSI, Sankalp Semiconductor, Perfect VIP and many more.

He joined Marquee in March 2020 as the Global Manager and was recently promoted to Senior Manager. He drives several teams under him in the area of analog design (Spec-to-Silicon) and board bring-up, ASIC design that includes RTL design, Verification, Physical Design, DFT with complete sign-off. He has a 4-member team to validate AI/ML applications using FPGA for automotive industries.



Mukesh interacted with students on their prospects of getting into either a VLSI or a Semiconductor industry. He cited various semiconductor companies like AMD, Broadcom, Nokia, Samsung, Qualcomm, ARM, Wipro VLSI, Cadence, Synopsis etc and their skill requirements. He even offered internship opportunities for the students of HITAM in Marquee Semiconductors. In addition he looks forward to an industry collaboration with HITAM in terms of establishing a centre of excellence at HITAM campus. About 30 students, especially from ECE and EEE attended the session.

Industry Mentoring Session

IMPORTANCE OF MARKET RESEARCH AND CORPORATE ORIENTATION

by Ms Lakshmi

Associate Director, HR India and Global Hiring, Metrix Labs 11 March 2023

Ms Lakshmi is a Human Resources professional with over 17 years of progressive experience; demonstrated track record of operating at strategic and operational levels with "C-Suite" interaction. She has Cross-cultural experience in managing HR in varied industries like Tourism, Infrastructure and Commodity Trading, across global geographies. She is skilled in aligning HR strategy to business objectives, designing solutions and policies, enhancing staff, increasing through-put and quality, while reducing cost and leveraging synergies.

In her interaction she discussed the importance of market research and what crucial role it plays in the success of any business unit be it large or small, new or old. Understanding the interests and needs of the target demographics are essentially the key to design, develop and deploy a product in the market. She also talked about the skill requisites in students that can enable them to get into companies of their choice. About 51 students from final year and third year participated in the mentoring session.







USER EXPERIENCE DESIGN

by Sheetal Sohoni

Adjunct Assistant Professor, Milwaukee School of Engineering, USA 21st January 2023

The session on U/X Design was conducted on 21st Jan 2023. Ms Sheetal Sahoni, Adjunct Assistant Professor, Milwaukee School of Engineering, USA delivered the session to an audience of about 50 2nd year students. Ms Sahoni is an experienced faculty with a demonstrated history of working in the higher education industry.

She is skilled in user experience design (UED), web design and development, Adobe Creative Cloud, and leadership. She is a strong education professional with a Master's Degree focused in Graphic Information of Technology from Arizona State University.

The talk elaborated on the what is user experience about the process design team use to create products that provide meaningful and relevant experience to users.

She also highlighted how the UX design involves the design of the entire process of acquiring and integrating the product, including aspects of branding, design, usability and function and helps in creating a better and inclusive user experience. She also informed the students about the different job roles they can aspire for and the skills required for the same.





Industry Mentoring Session

WORKING IN TECH INDUSTRY: PAY CHEQUES VS WORK-LIFE BALANCE

by Ankit Mishra Product Manage, Revalize, Canada 6th May 2023

Ankit completed his B. Tech in Computer Science and Engineering from BPUT, Odisha in 2015. Worked with Infosys, CTS, Accenture for about 6 years before he moved to Beedie School of Business at Simon Fraser University, Vancouver, Canada to pursue his Masters in Business Administration. Ankit is an experienced professional in the field of QA Automation and Agile Project Management with a motto of delivering excellence while creating avenues for personal growth.

Students of HITAM interacted with Ankit on various aspects of life and profession. He cited his own example of cruising through his career journey and pursuing what he always wanted to do. He guided the students to have a 3-5-15 year plan in mind before doing anything. Clarity of plans would help progress in life.

He spoke about the tech industry, the importance of networking, and how engineering doesn't need to be this anxiety-inducing behemoth fuelled by good GPAs and college placements! "Things have come a long way from when I was a CS major, C++ was the be-all and end-all during my undergrad journey; kids are now learning Cybersecurity and AI/ML for crying out loud!", said Ankit.





CYBER SECURITY: CHALLENGES AND OPPORTUNITIES

by **Mr Srinvas & Ms Rama Patnaik** Senior Consultant, ISAC 11th February 2023

The session on Cyber Security: Challenges and Opportunities was organised on 11th Feb 2023. The session highlighted how today's digital transformation has taken a heavy toll on the overall personal, professional, and the financial security of every one in general.

The session threw light on understanding our digital presence, safeguarding it, and ensuring how all netizens cruise safely through their entire digital experience. Both the resource persons brought in their experience and put in place essential information to apprise, alert, and enable all to be less susceptible to phishing, cyber crimes and frauds. A total of 58 students of 1st year and 2nd year CSC attended the session.





Industry Mentoring Session

THE SECRET OF HOW TO THINK LIKE AN ENTREPRENEUR

by Kartik Maharana

Photographer and Entrepreneur Former Associate Manager, Vedanta Limited 4th February 2023

Kartik Maharana is a versatile professional with a background in both photography and engineering. He is the owner of Dragonworks Photography and the founder of Printz on Canvas, a premium printed canvas company, and Hash Delta Marketing Company in Hyderabad. Kartik's previous work experience includes his time at Vedanta Limited, where he worked as a Graduate Engineer Trainee and eventually rose to the position of managing four fume treatment plants. He received his engineering degree from National Institute of Science and Technology, Odisha in the year 2009.

Being an engineer at core and following up his passion for photography, Kartik's journey is really inspiring. Kartik talked about the essence of following one's passion, dreaming about making a passion profession one-day, and finally seeing it taking shape, growing, and prospering



makes life worth living. He shared his experience of how upheaval the task was to leave his job in a core industry after working there for almost a decade, how uphill was it to convince his parents, and how satisfying was it to start his venture in photography in Hyderabad, despite full of struggles, and how contended he is today when he looks back with a great sense of satisfaction. About 150 students from 1st and 2nd year attended the session.

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START-UP: A CAUTIOUS INSPIRATION

by Mr Pawan Acharya Consultant, Adapt Motors 4 Mar 2023

Mr Acharya graduated from Visvesvaraya Technological University in 2006 in Production Engineering. After spending some time in the IT industry, he did his Executive MBA from IIM-C. He has catered his services in distinct sectors such as IT, Process Support, Training & Development, Automotive and Business Consulting. Currently he is acting as Business Consultant for various start-ups and businesses. His area of expertise is business relations, business development, human relations and business operations. He is one of the core mentors & founders for WINDOSE, which is a podium for intellects, professionals and specialists from various industries to share the knowledge and skills to seekers who are aspiring to re-skill or up-skill themselves.

He interacted with the students on their startup aspirations, the challenges and the ways to overcome them. He guided the students who already have their prototypes on how to pitch in the market, talk to investors and companies for manufacturing the same, and how to sell them. A total of 63 students from 1st and 3rd year attended the session.



HOW TO BUILD A POWERFUL LINKEDIN PROFILE

by Akash Tonasalli Entrepreneur & Digital Marketing Expert 25 Feb 2023

Session on 'How to Build a Powerful LinkedIn Profile' was conducted by Mr Akash Tonasalli, Founder, Digisnare. Mr. Akash is a Digital Marketing, SEO and Web Design Specialist Consultant from Bangalore. He is also an accomplished trainer in Digital Marketing, SEO and Web Design. He has worked for nearly 10 years heading the SEO, Digital Marketing, Social Media Marketing, Web Development team at different organizations. He has started an independent venture, DigitalAkash, to provide an affordable and effective digital marketing platform.

Mr Akash talked about the crucial role a LinkedIn profile plays in the process of professional networking, skilling, and employment and how essential it is to have a professionally crafted profile on LinkedIn. He explained how to create a profile, connect with professionals and industries, earn skill badges, and even apply for jobs posted by recruiters. About 65 students benefited from attending the talk.













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