



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING A Report on Headstart-2025 conducted on 4<sup>th</sup> and 5<sup>th</sup>, March, 2025

HEADSTART-2025, organized by the Department of Computer Science and engineering as part of the national-level technical fest SUDHEE-2025, was a resounding success. The event aimed to foster technical excellence, innovation, and collaboration among students through diverse competitions and workshops.

The fest featured \*12 technical events, including \*\*Technical Paper and Project Presentations, Memology, Code Golf, Unlock the Unknown, Kaun Banega CodePathi, and VR Fiesta 2.0, alongside engaging activities like Byte Charades and Retro Wars. These competitions tested participants' problem-solving abilities, technical acumen, and creativity. Additionally, a \*\*workshop on Ethical Hacking and Bug Bounties\* attracted \*150 students\*, providing hands-on cyber security training.

Financially, the fest was well-managed, with a \*proposed budget of ₹85,500, \*\*sponsorship funding of ₹1,14,400, and \*\*registration earnings of ₹1,20,250, resulting in an overall expenditure of \*\*₹78,646. A total of \*\*449 students registered\*, making HEADSTART-2025 a high-engagement event.

The event was efficiently coordinated by faculty and student teams, ensuring seamless logistics, publicity, and hospitality. \*Winners were recognized with cash prizes\*, and external judges provided valuable insights into students' projects. HEADSTART-2025 successfully inspired innovation and technical excellence, making it a memorable experience for all participants.

### 1. Headstart-2025 Brochure

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**  
An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbti.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION **46** years

**HEADSTART**  
POWERING INNOVATION - IGNITING MINDS  
4<sup>th</sup> & 5<sup>th</sup> March, 2025

- TECHNICAL PAPER PRESENTATION
- TECHNICAL PROJECT PRESENTATION
- TECHNICAL POSTER PRESENTATION
- KAUN BANEGA CODEPATHI
- ODD ONE OUT
- UNLOCK THE UNKNOWN
- VR FIESTA 2.0
- CODE GOLF
- RETRO WARS
- WHI-VOLUTION
- MEMOLOGY
- BYTE CHARADES

**Faculty Coordinators:**  
Smt. S. Durga Devi - 94406 88267  
Smt. E. Swathi - 81433 69095

**Student Coordinators:**  
Chetan - 81254 42308  
Varshith - 95051 59296  
Bhargav - 79815 88106  
Jayasree - 85559 46586  
G.Jhansi - 9494242432  
Nagendra - 8638024422

@CBIT\_CSE  
headstart@cbti.ac.in

## Headstart inaugural Photos



## Event Photos

### Valedictory Photos



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**Faculty Coordinator**  
**Head & Prof, Dept of CSE**

1. Smt. S. Durga Devi
- Dr. S. China Ramu
2. Smt. E. Swathi





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## Department of Computer Science and Engineering

### Technical Competition

#### Headstart 2024

The Computer Science and Engineering department (CSE) of CBIT commenced their Annual Technical Fest SUDHEE 2024 with its theme being "INNOVATE, INTEGRATE, INSPIRE", for their flagship event HEADSTART 2024 was conducted on 26.02.2024 and 27.02.2024 HEADSTART is the two-day National-Level Technical Fest of CSE Department organized under the umbrella of Sudhee, the Technical Fest of CBIT. The inaugural ceremony of HEADSTART 2024 has been kickstarted by **Dr . D. Raman**, the HOD of CSE, the faculty coordinators **Mrs. Shanmukhi Rama** and **Mr. M. Venkata Krishna Reddy** and distinguished keynote speaker for the day **Mr. Amar Kumar**, a seasoned data scientist with over 20 years of experience spanning various industries and technologies who enlightened the students on "**The Generative AI Wave**". With more than 500 pre-registrations, including the students from various colleges the event set off to be a grand success. A total of 890 participants were involved actively in all 13 events organized under HeadStart 2024 Throughout the HEADSTART attendees were treated to a diverse array of paper presentations, poster presentations, project Presentations, Tech Shark Tank, many more technical events, and various fun events. The event provided a comprehensive platform for sharing knowledge, fostering collaboration, and exploring the frontiers of innovation. **Dr. Yedukondalu**, Assoc prof, Dept of data science, Anurag University, Hyderabad **Dr Uma N Dulhere**, Professor and Head of AIML,MJ College of Engineering, Hyderabad **Dr. A Nagesh**, Professor, Dept of CSE,MGIT(A),Hyd are the panelist for Paper Presentation,..Winners for Paper Presentations are Pranav Reddy, Pratham Reddy from CBIT and Runner Ups are Yagne Valkini Suryadevara, M. Durga Sai Amulya from VNRVJIET. Winners of Technical Project Presentations are T.Sandeep kumar, Kumari surendar from Govt polytechnic, Vikarabad.



Mr.Amar Kumar Session in The Gen AI Wave Headstart 2024 inaugural



HEADSTART 2024 Team with MR.Amar kumar (Keynote speaker)



Students from Govt polytechnic, Vikarabad presenting their Project demos in HEADSTART 2024



Runner Ups - Yagne Valkini Suryadevara, M.Durga Sai Amulya from VNRVJIET in Paper Presentation



Department photo along with sudhee 2024 during Valedictory Session

### HeadStart-2023

Head start is the two-day National-Level Technical Fest of CSE Department organized under the umbrella of Sudhee, the Technical Fest of CBIT. Head start has organized 12 jubilant events during the year 2022-2023. The fest was conducted on the 31<sup>st</sup> Jan and 1<sup>st</sup> Feb 2023 with a huge turnover of students and faculty coordinators are Sri.B.Ramana Reddy and Sri A.Mohan. We got a total of 1555 registrations that counts to a total of 1555 participants. The participants were mostly from CBIT only and few were from other colleges like KMIT, Rajeev Gandhi memorial college of engineering and technology, B V Raju Institute of technology. All the participants participated with great enthusiasm and supported to conduct the event very smoothly. Chief guest for inaugural function is Dr.Sreehari is associated with Atachi Systems, as Director (Operations) addressed about Digital transformation in manufacturing & scope for techno-crats.



HeadStart2023 Poster



Photograph of Headstart2023 team



HeadStart2023 Team



Dr.Y.Ramadeviappreciating student Coordinator



### Smart India Hackathon (SIH-Aug 2022)

**SmartIndiaHackathon-2022:** BE CSE V Semester students Prashanth Chowdary Upputuri- 160120749037, Anita Chennuru- 160120749002, Bhanu Prasad Paitar- 160120749025, Hamsini Duttaluri- 160120749005, Adithya Gururaj- 160120749023, Tanish Kavali- 160120749056 participated and won **1st prize** and Cash **Prize Rs.1,00,000/-** organized by AICTE Govt. of India during 25<sup>th</sup> to 26<sup>th</sup> Aug 2022



SIH Winners and Participants along with Principal, CBIT(A), HoD, CSE and Faculty Coordinators

### HeadStart-2022

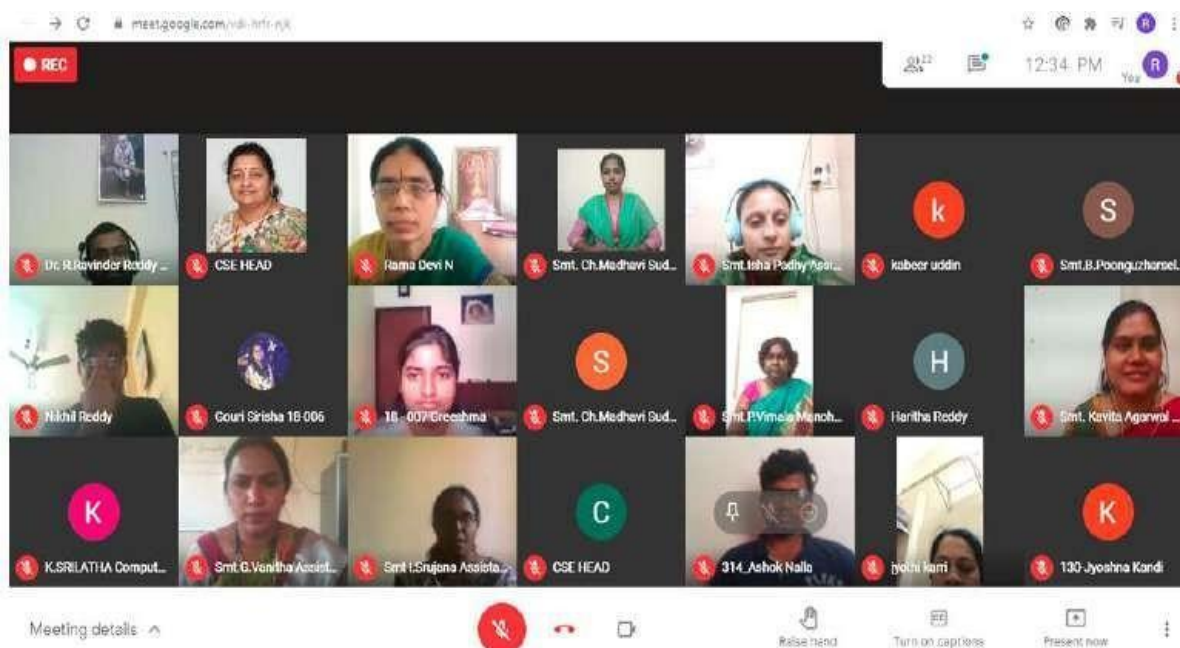
Head start is the two-day National-Level Technical Fest of CSE Department organized under the umbrella of Sudhee, the Technical Fest of CBIT. Head start has organized 12 jubilant events during the year 2021-2022. The fest was conducted on the 23rd and 24th of March 2022 with a huge turnover of students. We had **557** participants. altogether. Chief guest for inaugural function is Prof. Vikram Pudi, Professor of Data Science and Analytics at IIIT Hyderabad and He has published over 100 peer-reviewed conference and journal papers including at ICDM, AAAI, IJCAI, PAKDD, etc. He has also edited 5 proceedings and authored a textbook on data mining. He has served in the Organizing Committees and Programme Committees for several editions of DASFAA, PAKDD, ICDE, AAAI, NeurIPS and COMAD. faculty coordinators are Smt. Kavita Agarwal and Smt.D. Naga Jyothi



Prof. Vikram Pudi along with Head start 2022 Team

### HeadStart -2021

Head Start is the two-day National-Level Technical Fest of the CSE Department organized under the umbrella of Sudhee, the Technical Fest of CBIT. Head Start has organized 11 ecstatic online events during the year 2020-2021. The fest was conducted on the 3rd and 4th of March 2021 with a huge turnover of students. We had **1223** participants altogether. The coordinators for the event were P. Vimala Manohara Ruth and Ch. Madhavi Sudha, Assistant Professors of CSE Department. Inaugural session was chaired by Mr. Pankaj Diwan, Founder, Idea labs FutureTech Ventures.



A photograph taken during online session Head Start 2021

### Cyber security campaign Feb 2020

Students participated in poster presentations of Cyber security campaigning fortnight was conducted at R&E, CBIT in association with Kernel sphere Technologies Pvt. Ltd., Hyderabad. Dr. Sri Ram Birudavolu, CEO Cybersecurity Centre of Excellence and Andrew Lanzarus, Manager-Business Development, Cybersecurity Center of Excellence, Telangana have appreciated all the participants. Total of 41 teams presented their posters, out of which top 3 teams were selected as the Winners on 19th Feb 2020, Assembly Hall, CBIT.



Chief Guest Dr. Sri Ram Birudavolu, CEO Cybersecurity Center of Excellence Addressing the Gathering.



Naveen Vamsi and team from CSE presented a poster on "Privacy and Security Measures on Mobile Device".

Samhita from CSE presented poster on "Security Measures in OS"





Bhanu Prasad and Shiva Shankar from CSE presented on "Cyber War". SriRam and Team Presented Poster on "Distributed Denial of Service" and interacted with the Chief Guest Dr. Sri Ram Birudavolu,

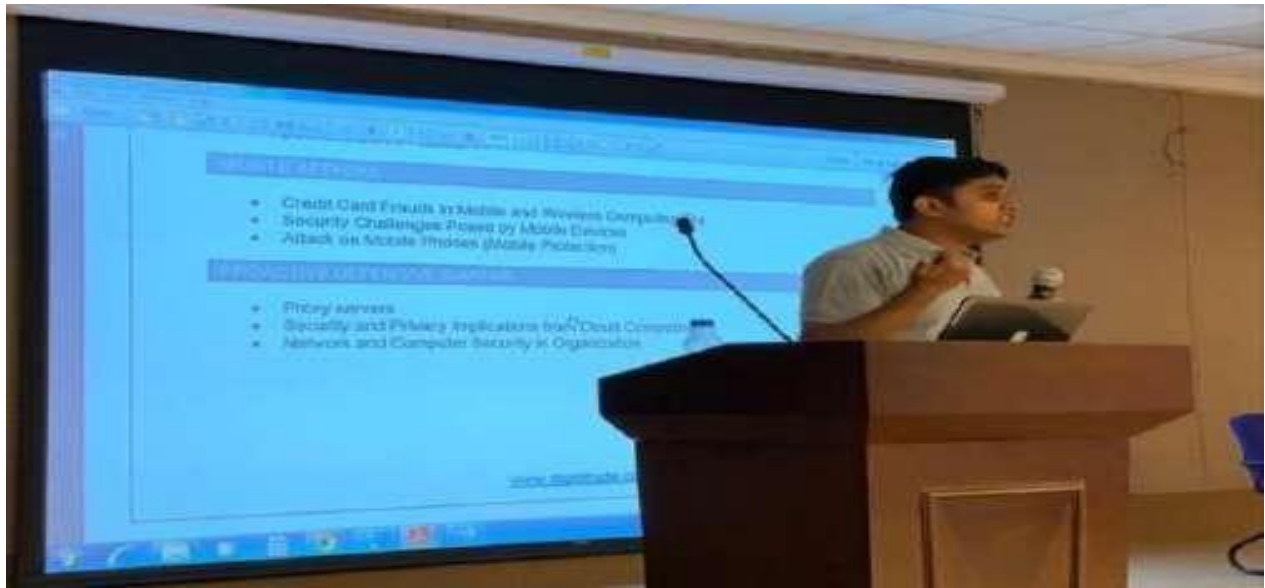
#### MoU Feb 2020

MoU with Kernel sphere Technologies Pvt. Ltd. Led CBIT to conduct **Cyber Security Campaigning Fortnight** from 1<sup>st</sup> Feb to 15<sup>th</sup> Feb 2020, starting with awareness on cyber security to the participants.



Mr. Vinod Kumar, CEO and Co-Founder Kernel Sphere, Enlightened the Students about the Importance of Cyber Security.





Mr. Shama from Kernel Sphere addressing the gathering Cyber Security Campaigning  
CBIT Students participated in cyber security campaigning fortnight orientation program



## Jan 2020

Students of CSE, Jahnvi Jonnalagadda and Ananya Vedala, Microsoft Student Partners have conducted a large-scale Microsoft AI Gaming Event on 30th of Jan 2020 for a stretch of 4 hours conducted MICROSOFT AI GAMINGEVENT on 30th JAN2020



Students Participated in Microsoft Gaming Event



Prize Distributed to the Winner of Microsoft AI Gaming Event, 2020.





Department of CSE conducted INTERNAL HACKATHON FOR SMART INDIA HACKATHON- 2020 on 25<sup>th</sup> Jan 2020



CSE Students interacting with the panel of Internal Hackathon 2020



CSE Students explained the outcome of the idea of thought in Internal Hackathon 2020

### **Hackathon Hactoberfest 2019**

A hackathon aids students to apply the concepts they have learned to build practical applications, while also allowing them to explore various facets of the frameworks or programming languages they use for the same. A 24 hour hackathon enables incremental development of an application with novel modifications and optimization. It also allows the students to learn new open source concepts and use them effectively in the product being developed



Participants, Hacktoberfest Hackathon Team venue: Training & Placement office, 25<sup>th</sup> & 26<sup>th</sup> October 2019



A Photograph taken during Hackthon



Business and Research on Artificial Intelligence Network Summit (BRAINS) in association with NASSCOM, on 28th September 2019 conducted an event to enable interaction between academia and enterprise, make them aware of the latest developments in the cognitive era to provide guidance or training in the field of Data science or artificial intelligence



Mr. Jayesh Ranjan (IAS) delivered a lecture on "AI Initiative for Administration" at CBIT.



Mr. Manish Gupta, Principal Applied Researcher at Microsoft AI & Research, an adjunct faculty at IIIT Hyderabad and a Visiting faculty at ISB Hyderabad Addressed the Gathering

### **HeadStart 2019**

Headstart, the two-day national level technical fest of CSE Department organized under the umbrella of Sudhee, the technical fest of CBIT. Headstarthasorganized16ecstaticeventsduring the year 2019-2020.



Mr. Sharath Kongara and Vikhyanth Infra Developers - Platinum Sponsor at Inaugural of HEADSTART

### **Django Camp v2.0 2019**

Department of CSE, conducted 2 days workshop HEADSTART - Django Camp v2.0 on 5TH - 6TH SEPTEMBER, 2019 with industrial experts sharig their experience with Django and took the students through the journey of experiencing the fun in developing a Web Application with Django.





Mr.Vamsi from Caravel.AI Addressed the Gathering at DjangoCamp Inauguration.