HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

NOUVELLE
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COMPUTER SCIENCE AND ENGINEERING

Words from the Editor-in-Chief
Dear Staff Members,

Wishes!! As the Head of the Department of Computer Science and Engineering, with much pleasure and privilege I take pride in releasing the Department Newsletter "Nouvelle™ — a quick retrospect of the department for the academic year 2023-2024. I whole heartedly thank the Management and the Principal for the trust reposed on me in our continued effort to provide the finest service and support to our students. The Department of Computer Science will always be a beacon of light in guiding the students to achieve academic excellence, and ultimately enable them to fulfill their ambition. In view of this the Department conducted various events for the benefit of both Student and Staff community. This newsletter serves up the summary of various activities and achievements of the department for the current academic year.

COMPUTER SCIENCE AND ENGINEERING

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COMPUTER SCIENCE AND ENGINEERING

Dept vision, Dept Mission

Vision

DV: To **excel in developing technologically superior, highly competent and socially conscious professionals in computer science and engineering with cutting-edge research skills.**

Mission

DM1: To **equip the students with technical knowledge and expertise essential for success in their professional career.**

DM2: To **develop highly qualified and creative computer science and engineering professionals proficient in cutting-edge technologies with leadership qualities.**

DM3: To **empower students to develop innovative solutions for industrial and societal challenges upholding ethical values.**
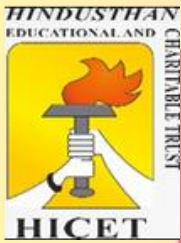
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Dept PEOs, Dept PSOs

Program Educational Objectives (PEOs)

PEO1: To acquire knowledge in the latest technologies and innovations with an ability to recognize, analyze, and solve problems in computer science and engineering.

PEO2: To develop highly skilled computer science and engineering professional proficient in latest technologies with leadership qualities.

PEO3: To empower students to create innovative solutions for industrial challenges that meet societal needs.

Program Specific outcomes (PSOs)

PSO1: An ability to utilize modern tools and techniques for efficient system design and implementation for computer-based systems in solving engineering problems.

PSO2: An ability in developing robust and secure software systems for diverse applications.

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Events organized

S. No	Name of the Event	Date	Resource Person	Govt Agencies Sponsor/Company/ Management
1	Power of Youth	12.1.2024	Mr Kausik Agastyaraj ACE Engineering Academy	Nil
2	Opportunities After Engineering Through Gate	28.01.2024	Mr.M.Ramesh,Sr.Faculty at ACE,Osmania University Alumnus	Nil
3	International opportunities for higher Education	09.02.2024	Mrs.Madhumitha Sharmila Ramesh Kumar ,Managing Director ,Embriture-UAE	Nil
4	Innovation Management	10.02.2024	Mr.Bhuvanesh S,Team lead Datacipher Solution private Ltd, Hyderabad	Nil
5	Intellectual Property Rights	21.2.2024	MOHAMMED RITHI CK S No.3l, Muthu Nagar, Eachanari, Coimbatore- 641021.	Nil
6	Language models in Python	28.2.2024	Mr GOBINATH ARMUGAM, Head-Training & Delivery, Xploreitcorp	Nil
7	Overseas Education-Study abroad	4.4.2024	Balakumar Founder and CEO of KS consultancy	Nil
8	Data Science for industrial use cases	25.04.2024	Dr. S. Lokesh Associate Professor Department of AIML and DS PSG Institute of Technology and Applied Research	Nil
9	Gender Equity	11.5.2024	Manuraj rajamanikandan Senior Consultant Cognizant	Nil
10	National Technology Day	11.05.2024	Mr. S. Bhuvanesh M.E., M.B.A.,LL.B.,	Nil

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Visits of Experts

S. NO	Name of the Event	Date	Resource Person	Govt Agencies Sponsor/Company/ Management
1	Power of Youth	12.1.2024	Mr Kausik Agastyaraj ACE Engineering Academy	Nil
2	Opportunities After Engineering Through Gate	28.01.2024	Mr.M.Ramesh,Sr.Faculty at ACE,Osmania University Alumnus	Nil
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Student participation in important events outside college

Sl. No	Name	Event	Venue	Prize details
1	Santhosh Gopi B	National Level Technical Symposium	Karpagam Academy Of Higher Education	Participated
2	Ruba Renukavathi A	National Level Technical Symposium	Karpagam Academy Of Higher Education	Participated
3	Vimal Raj S	Seminar on Big Data Analytics	Ramco Institute Of Technology	Participated
4	Ashwajith K S	Arduino Robotics workshop 2023	SNS College of Technology	Participated
5	Sree Varshaa S	Workshop-Stack and Queue in Data Structure	Career Ninga and Learn Tube	Participated
6	Mughilan G	Navigating the Future with AI in Unmanned Aerial Vehicle	Excel Engineering College	Participated
7	Ravikumar Rohan P	One day workshop on Augmented Reality applications	Kongu Engineering College	Participated
8	Rashad K P	Seminar Cloud computing Techniques	Karpagam Institute of Technology	Participated

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Student participation in important events outside college

9	Swetha P	One day workshop on Augmented Reality applications	Kongu Engineering College	Participated
10	Sree Varshaa S	UDHAYAM23	Kalaignar Karunanidhi Institute Of Technology	Participated
11	Rajkumar S	National Level Technical	Karpagam Academy Of Higher Education	Participated
12	Mohammed Afsal A	Seminar on Big Data Analytics	Ramco Institute Of Technology	Participated
13	Parthasarathi S	Arduino Robotics workshop 2023	Ramco Institute Of Technology	Participated
14	Anugraha C	Navigating the Future with AI in Unmanned Aerial Vehicle	Excel Engineering College	Participated

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Participation of Faculty members in events outside college

S. No	FACULTY NAME	NAME OF CONFERENCE / SEMINAR / WORKSHOP / FDP/STTP	DURATION	HOSTING COLLEGE / INSTITUTION
1	Dr. Priya A	NEP 2020 Orientation & Sensitization Programme	01.02.2024 to 10.02.2024.	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Gandhigram Rural Institute - DTBU, Gandhigram, Dindigul,
2	M.Amuthavalli	One week fdp on microsoft Azure AI Engineer Associate	19/02/2024 to 23/2/2024	ICT Academy
3	Mr.T.K.P.RAJAGOPAL	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	21 & 22, March 2024.	Velammal Institute of Technology, Chennai
4	Subramanium Dhanabal	5th international conference on innovative trends in information technology (ICITIIT24)	15 & 16, March 2024.	Indian Institute of Information Technology, Kottayyam, Kerala

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Awards and Recognition of Staffs and Students

NAME OF THE STUDENT	NAME OF THE EVENT	ORGANIZED BY	PRIZE/ AWARD WON
Name of the Faculty	Nature of Interaction/ Association	Name of the Journal	
Harshith Babu	National Cadet Corps	NCC	AWARD of MEDALLION
Harshith Babu	2Tamilnadu AIR SQN NCC	Annual NCC Republic Day Camp	F/C
Francleena C J	Tech Magnetz 2024	Hindusthan institute of technology	II Position
Dinakar S	Knock-it '24	Sri Ramakrishna Mission Vidhyalaya College Of arts and science	1st position

Sports activities

Sports activities

First prize in volley ball tournament held at Coimbatore institute of technology on 24.03.24.

First prize in volley ball tournament held at Park college of engineering on 10.04.24.

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Our faculty Dr. S. Dhanabal has completed Wipro Talent Next course and got certificate.
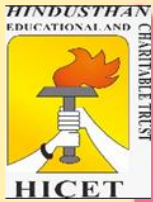
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Department Related Information

1.Webinar on "Power of Youth"

One day webinar on "Power of Youth" was conducted on 12th of January 2024. It was inaugurated by Dr. S. Shankar, Head of the Department. To provide opportunities to youth for self- development and character building and also for imbibing quality of leadership, mutual tolerance and fellow feeling.
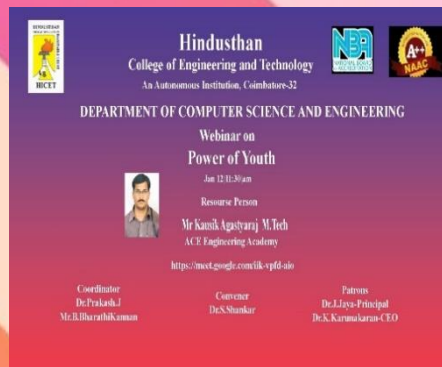
A party of around 98 students from   CSE department have benefited through this program. It was handled by Mr Kausik Agastyaraj ACE Engineering Academy

### 2. Seminar on "Opportunities After Engineering Through Gate"

One day Seminar on "Opportunities After Engineering Through Gate" was conducted on 28th of January 2024. It was inaugurated by Dr. S. Shankar, Head of the Department.

The GATE exam provides access to elite Master's and PhD programs, as well as other higher education options. It also provides opportunities for technical jobs in public sector undertakings (PSUs) and improves job chances in the public and private sectors, particularly in engineering, technology, and research.
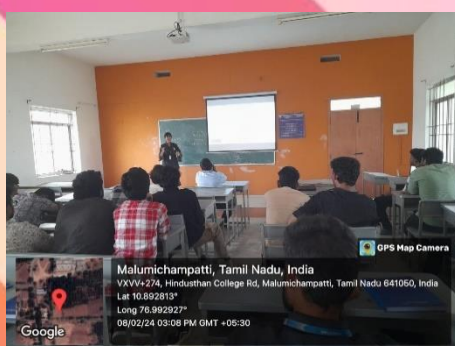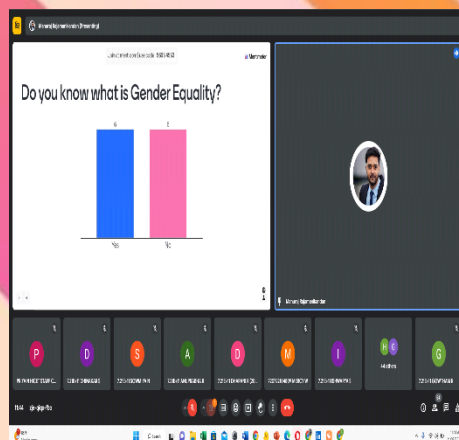

A party of around 180 students from CSE department have benefited through this program. It was handled by Mr.M.Ramesh, Sr.Faculty at ACE, Osmania University Alumnus

3. Webinar on "Gender Equity"

Webinar on "Gender Equity" was conducted on 11th of May 2024. It was inaugurated by Dr. S. Shankar, Head of the Department.

The overall objective of gender equality is a society in which women and men enjoy the same opportunities, rights and obligations in all spheres of life A party of around 87 students from CSE department have benefited through this program. It was handled by Manuraj rajamanikandan Senior Consultant Cognizant.

4. Seminar on "LANGUAGE MODELS IN PYTHON"

Seminar on "LANGUAGE MODELS IN PYTHON" was conducted on 28th of February 2024. It was inaugurated by Dr. S. Shankar, Head of the Department.

Language modeling is the process of training models to predict the probability of a sequence of words occurring. The probability is then used to glean meaning and context in the case of natural language understanding (NLU) and generate grammatically correct text in natural language generation (NLG.)

A party of around 226 students from CSE department have benefited through this program. It was handled by Mr GOBINATH ARMUGAM, Head- Training & Delivery, Xploreitcorp.

5. Seminar on "Overseas Education- Study abroad"

One day Seminar on "Overseas Education- Study abroad" was conducted on 4th of April 2024.

Engage more of our students in international opportunities abroad to enhance their personal growth, educational experience, and professional . Academic and Intellectual Enrichment · Personal Growth and Development. Study abroad should encourage students Gain a deeper knowledge and understanding of other cultures and their environments It was inaugurated by Dr. S. Shankar, Head of the Department.
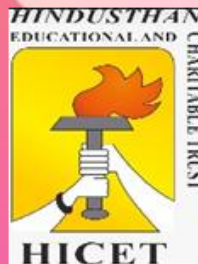
A party of around 80 students from CSE department have benefited through this program. It was handled by Balakumar Founder and CEO of KS consultancy.

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2023 – 2024

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