



VIDYA JYOTHI
INSTITUTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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We have a strong undergraduate and Post Graduate program in Computer Science & Engineering.

Prominent Features:

- **Accredited by National Board of Accreditation and NAAC**
- **Well qualified and eminent faculty trained on Outcome Based Education.**
- **Computer labs with state-of-the-art infrastructure.**
- **Strong Industry Interface with leading companies like Microsoft, Persistence, Rockwell Collins, Quadrium and Virtusa.**
- **Faculty trained and certified by International Society for Engineering Education in collaboration with IUCEE and Microsoft.**

Department of Computer Science & Engineering

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FACULTY ACHIEVEMENTS:

SWAMI VIVEKANANDA
INSTITUTE OF TECHNOLOGY

Faculty development program
On
PRACTICAL APPLICATIONS
ON
DATABASE MANAGEMENT
SYSTEM

10.00AM TO 4.00PM
30th August
Tuesday

VENUE:
LAB-NO-30



Mrs.S.Divya

Mrs. S Divya, Assistant Professor CSE-VJIT have been invited as the resource person for the faculty development Program on “Practical Applications on Database Management System” at Swami Vivekananda Institute of Technology, Hyderabad on Tuesday, 30th August 2022.

Dr. J Manoranjini, HoD CSE-SVIT felicitated Mrs. S Divya on Successful completion of the session.





Dr. N Anusha, Professor CSE
Received Certificate of Appreciation
from
“Youth for Social Impact”
held during Oct-Nov 2022
by
TSIC, inqui-lab foundation, and unicef

STUDENTS' ACHIEVEMENTS



Very happy to inform that the IV B.Tech CSE students of VJIT won SIH-2022 under Student Innovation and won 1lakh cash prize.

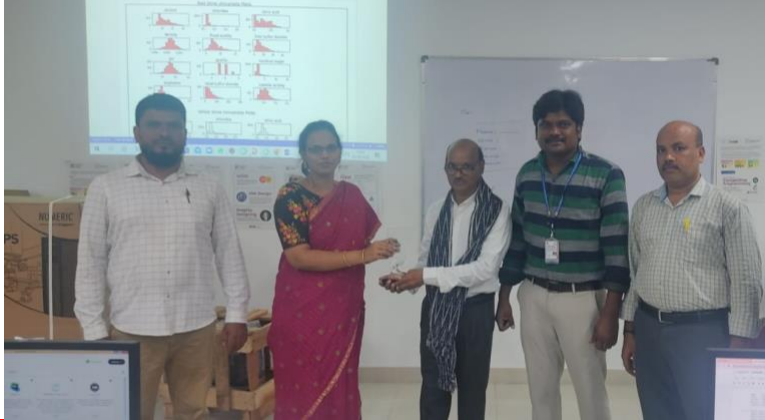
The students are

- Sapan Raj Mathur
- Tejus Verma
- Somya

E Rama Krishna, G Karthik, Rishi of CSE-DS has participated in the Hackathon league held during 03-04 June 2022 organized by J-HUB JNTUH with the idea “Driver Drowsiness Detection System”, and secured THIRD Position.

M Joseph Nikhil Reddy, Sai Pranav Y and the team IV CSE student secured 3rd place with the idea “EDU Reality” in J-Hub Hackathon League 2022.

EVENTS ORGANIZED BY CSE DEPARTMENT



Department of
Computer Science & Engineering
organized a Expert talk by

Mr. Durga Prasad K,
Data Scientist, Corporate Trainer
Experienced in Artificial Intelligence & Machine Learning

Date: Friday, 2nd September 2022

Audience: III B.Tech I Sem Students

Count:60

TEACHER'S DAY CELEBRATION-2022

Dr. Sarvapalli Radhakrishnan, gave us a reason to celebrate Teacher's Day on 5th September every year. It is the same day he was born. On the occasion of teacher's day 2022, Head of the Department Dr. D Aruna Kumari felicitated all the CSE Faculty.



Teacher's Day Celebration at CSE-VJIT on 5th September 2022.

ACM Chapter Activity



Department of CSE-VJIT in Association with VJIT ACM Chapter organized Poster Presentat for CSE,IT and AI students of VJIT on 14th September 2022

GUEST LECTURE



CSE DEPARTMENT IS ORGANISING A
GUEST LECTURE
On Challenges of Technology in Education



Guest Speaker:

Mr. Manish Jha

Senior Director, Customer Operations at HighRadius

17-09-2022 | 11 am

@ C-block, 3rd Floor, Seminar Hall

CSE Department organized a Guest Lecture on “challenges of technology in Education” on 17/09/2022

Resource Person:
Mr. Manish Jha
Senior director,
customer operations, High Radius



Mr. Abdul Majeed, Assistant Professor CSE has attended the CSI SBC Meeting-2022 on 17th September 2022 at CSI Hyderabad Chapter Office Secunderabad.

WIKI CLUB INAUGURATION

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION
Accredited by NAAC & NBA
Azra Nagar Gate: CB, P.O., Hyderabad - 500075, Telangana, India

WIKI CLUB

Department of Computer Science and Engineering
Inauguration of "Wiki Club"
in association with IIT Hyderabad
CHIEF GUEST

Chief patrons
Dr. P. Rajeshwar Reddy
Secretary & IIT Correspondent
S. Neelima
Joint Secretary

Patrons
Dr. E. Sai Baba Reddy
Director
Dr. A. Padmaja
Principal

Convener
Dr. D Aruna Kumari
Professor & HOD, CSE

Coordinator
B. Salaja
Associate Professor
M. Vijaya
Assistant professor

Shri. Krupal Kasyp
Project consultant At IIT & Open Knowledge Enthusiast, eTelugu Evangelist, Active Member In Wikipedia

Date & Time: 20th Oct 2022, 1:30 pm
Venue: C block 3rd Floor Seminar Hall

Student Coordinators | G. Roshith, K. Chandana, J. Mukesh, B. Abdul Qadir.



TWO DAY WORKSHOP ON "DATA ANALYTICS AND VISUALIZATION"



Department Of CSE, IT and AI Organized a Two Day Workshop on "Data Analytics and Visualization" on 21st-22nd October 2022 in association with ESCI.

Resource Person:

1. Dr. G Rameshwar Rao,
Director ESCI
2. Mr. V Sai Pavan,
Trainer ESCI

One Day Workshop ON “ADVANCED WEB APPLICATION DEVELOPMENT” UNDER WEB CLUB

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ONE-DAY WORKSHOP ON
ADVANCED WEB APPLICATION DEVELOPMENT
IN ASSOCIATION WITH WEB CLUB

SPEAKER
MR. HARISAI
SENIOR SOFTWARE ENGINEER,
Syncoffice & Executive Committee Member
at Swecha, Telangana.

Date : 11th November, 2022
Time : 9:30 am
VENUE : 209 LAB, C-BLOCK

CHIEF PATRONS
DR. P. RAJESHWAR REDDY
DEPUTY CHIEF MINISTER & CHAIRMAN
MRS. S. NEELIMA
JOINT SECRETARY, VJES

PATRONS
DR. E. SAI BABA REDDY
DIRECTOR
DR. A. PADMAJA
PRINCIPAL

CONVENER
DR. D. ARUNA KUMARI
PROFESSOR AND HOD
DEPARTMENT OF CSE



The **WEB CLUB** of CSE Department has organized a One Day Workshop on “**ADVANCED WEB APPLICATION DEVELOPMENT**” on 11th November 2022, Involve creating websites and web applications.

The most essential languages participants will learn to become a web developer are **HTML, CSS, JavaScript** and all other skills to code any website they want!

The workshop covered the fundamentals of website design, coding, and development.

In this workshop they learned all the skills needed to create a beautiful portfolio website.

After this workshop all the Participants will code a fantastic portfolio website

Guest Speaker:

Mr. Harisai
Senior Software Engineer, Syncoffice and
Executive committee member SWECHA

Faculty Coordinators:

1. PKV Sarma, Assistant Professor CSE
2. G Surekha, Assistant Professor CSE

Inauguration of "COMPUTER VISION" Club

VIDYA JYOTHI
INSTITUTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION

Department of Computer Science and Engineering

Inauguration of
"COMPUTER VISION CLUB"
in association with UTS Hyderabad
on occasion of
"NATIONAL EDUCATION DAY"

CHIEF GUESTS

Chief Patrons
Dr. P. Rajeshwar Reddy
Secretary and in-charge
S. Neelima
Joint Secretary

Patrons
Dr. E. Sai Baba Reddy
Convener
Dr. A. Padmaja
Principal

Dr. Lakshminarayana Merugu
(Former Scientist, DRDO)
Director IIS, Learning Tech Solutions,
Pvt Ltd, Hyderabad.

Shri. D. Venumadhav
Marketing manager,
Learning Tech Solutions,
Pvt Ltd, Hyderabad.

Convener
Dr. D. Aruna Kamal
Professor & HOD, CSE

Coordinators
Dr. A. Anusha
Associate Professor
Ms. Y. Prashanth Kumar
Assistant Professor

DATE & TIME: 11th November 2022, 2:00PM

VENUE: C Block Seminar Hall

Student coordinators: S.Nithin, J.Nishi Krishna, Y.Surya Teja, B.Vikhyath Gupta, B.Sneha,

On the Occasion of
NATIONAL EDUCATION DAY
CSE Department at VJIT has inaugurated
COMPUTER VISION CLUB

on
11th November 2022



The aim of Computer Vision club is to provide support to students to explore their ideas, to develop new skills related to the field of computer vision. This club also helps in building confidence in students with the help of various programs. The main vision of the club is to expose the students to the latest advancements in computer vision and give individuals an opportunity for sharing and extending ideas, views and knowledge in the computer vision.

WIKI CLUB



DEPARTMENT OF COMPUTER SCIENCE

AND ENGINEERING WORKSHOP ON Photo Edit-a-thon

In association with wiki club

Date: 10th Nov 2022
Time: 2:30PM onwards
Venue: I-Lab



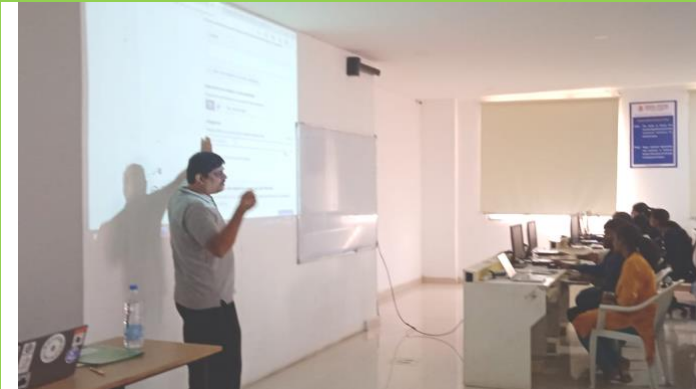
CHIEF GUEST

Mr. Krupal Kasyap

Project Consultant at IIIT & Active
Member in Telugu Wikipedia

The WIKI Club of CSE Department organized a workshop on “Photo Edit-a-thon”, on 10th November 2022.

Resource Person: Mr. Krupal Kasyap, Project Consultant at IIITH, and member in Telugu Wikipedia



Project Expo-2022



DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING IS ORGANIZING

PROJECT EXPO

(Panel Discussion on Changing Landscape of
Education and How it is Effecting the Industry)

Date : 19th November, 2022
Time : 10:00 am

VENUE: E-BLOCK, SEMINAR HALL

SPEAKERS



MRS. SHARMILA KHAN
DIRECTOR
Country MGR
at Micron Technology



MR. MANISH JHA
SENIOR DIRECTOR
Customer operations
at High Radius



MR. SASHIKANTH THATE
CEO - FOUNDER TANGUS INDIA



Students' participation outside the college



Wiki Club Workshop 3rd December 2022 Venue:- IIIT Hyderabad

To make growing minds (students) aware of the Wikimedia Foundation and also to enhance the Telugu Wikipedia Articles.

Participants received mentorship and further guidelines on Wiki Clubs at their respective institutions, to contribute to the growth of the Wiki source and Commons communities and related Wikimedia Technology.

Faculty Coordinator:

Mrs. M Vijaya, Assistant Professor CSE

A COMPREHENSIVE AI/ML ECO-SYSTEM MEET



National Symposium on Data-driven Deep Disruptions at IIIT Hyderabad.

The National expo on Data Driven solutions- A comprehensive AI/ML eco-system Meet for Hyderabad region was hosted by IIIT Hyderabad on 21,22,23 of Nov 2022.

Attraction at Expo:

- CEO/CTO Speak
- AI/ML Deep-Tech Floor
- Start-ups Floor
- PSUs/NGOs Floor
- R&D Poster Floor

Venue:-

- 1.KRB Auditorium, IIIT, Hyderabad
- 2.CIE Premises, IIIT, Hyderabad

YFSI- Youth for Social Impact program from 21st to 23rd Nov, 2022



A program organized by TSIC, Inqui-lab, UNICEF in which 11823 individual students from various colleges were trained on designed thinking and from 490 colleges,824 innovations were submitted from which top 10 ideas were selected for the final showcase at T Hub after a one-month mentorship program to scale their idea.





COMPUTER SOCIETY OF INDIA

CERTIFICATE Of INSTITUTION MEMBERSHIP (Academic)

This certificate is presented to

**Vidya Jyothi Institute Of Technology
(Autonomous)**

Aziznagar Gate Chilkur Road, Hyderabad, Telangana, India-500075

with Membership No.: 5024220037

Valid Upto : 16/Nov/2027

under the Region-5 associated with HYDERABAD Chapter



Issued on : 09/Dec/2022



Hon. Secretary

CSI Institutional Membership Certificate from 16th Nov 2022-to 15th Nov 2027

OUTCOME BASED EDUCATION

Department of Computer Science & Engineering

VISION

To produce the globally competent professionals in the field of Computer Science & Engineering

MISSION

- To provide state-of-the-art facilities in Computer Science and Engineering, through innovative teaching learning practices.
- To promote research and development in the frontier areas of Computer Science and Engineering and to work in interdisciplinary fields.
- To enrich students with discipline and high integrity to serve the society and to inculcate the spirit of ethical values and leadership abilities.
- To establish a collaborative environment between Industry and Academia.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Enhance the employability of the graduates in Software industries/Public sector/Research organizations.

PEO2: Acquire analytical and computational abilities to pursue higher studies for professional growth

PEO3: Work in multidisciplinary project teams with effective communication skills and leadership qualities

PEO4 Develop professional ethics among the students and promote entrepreneurial abilities

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1: The ability to design and develop algorithms to provide optimized solutions for societal needs.

PSO2: Apply standard approaches and practices in Software Project Development through trending technologies.

Programme Outcomes (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

VIDYA JYOTHI

INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION)

Department of Computer Science & Engineering



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