

SOFTWARE SPARK**PG DEPARTMENT OF COMPUTER
SCIENCE AND DATA SCIENCE****Vision**

To build a strong research and teaching environment that responds swiftly to the challenges of the 21st century.

**Mission**

Devise an optimal learning environment to improve creativity, problem solving abilities, and leadership traits.

**ABOUT US**

The UG Department of Computer Science has been functioning from the inception of the College and ever since its birth in 2010, has grown to great heights in providing the students with expertise and ability.

The PG Department of Computer Science, established in 2013, encourages diversity both within its community and areas of study, and plays a leadership role in research, teaching and outreach activities to champion the understanding and integration of Computer Science within all aspects of society.

The UG Department of Computer Science with Data Science has been functioning from the year 2022, which focuses to create a first-class academic department that trains the next generation of students as data scientists who will solve grand challenges and innovate through world-class research to take advantage of these opportunities.

DEPARTMENT ACTIVITIES

Seminar & Internship



>>> SEMINAR ON GRAPHIC DESIGN

27.07.2023

The main objective of the Seminar is to disseminate information to the students on techniques of designing and developing logos. The students gained knowledge on logo application and colour theory. Students gained insights on the usage of Adobe Design and Illustrator. Around 379 students from various Departments benefitted from the Programme.

DATA ENGINEERING

18.08.2023

Students were briefed on the opportunities, challenges brought about by Industry 4.0 and how organisations and individuals should prepare to reap the benefits. The course contents sensitized students on Big data technologies such as Hadoop and cloud based analytics to analyse, store data and make decisions based on the business problems.



>>> OPEN WEAVER VIRTUAL INTERNSHIP

21.7.2023.- 21.8.2023.

ICT Academy, in collaboration with OpenWeaver, launched a 4-week virtual internship program focused on advanced technical domains. This program aims to provide students with practical experience in cutting-edge areas such as Artificial Intelligence and Full Stack Development.

UNLOCK GLOBAL
CAREER OPPORTUNITIES!

Open Weaver

Virtual Internship Program

To help students gain work experience virtually through a range of resources, ICT Academy in association with Open Weaver organizes the Virtual Internship Program on advanced technical domains such as Data Science, AI Engineering, Generative AI, Web Development and Full Stack Development that will prepare them for the industry requirements today.

HIGHLIGHTS

- > 120 hours of experience
- > Total of 6 Credits – 30% orientation and 70% projects
- > 3 Live Bootcamps – orientation of concepts
- > Coding Projects – build simple use cases
- > Capstone Project – build industry use cases.
- > Badges for completing each boot camp, and Internship Certification on completion of the entire program.

Virtual Internship Programs

DEPARTMENT ACTIVITIES

Career Guidance Programme & workshop



>>> CAMPUS TO CORPORATE

22.08.2023

The Programme envisaged to help the students in recognising their present level of skills and help them in enhancing their potential. Students were sensitized on skill sets needed to make the transition from campus to corporate. Having fun and laughter at workplace will help one to rejuvenate and avoid getting wrapped in workplace politics.

IOT AND IT'S APPLICATIONS <<<

24.01.2023

This programme is helping to improve the students knowledge in IOT applications and Design IoT applications in different domain and be able to analyze their performance. Through this programme students learned about IoT, its real world Applications and its scope in today's market. Students clarified their queries about designing IoT applications across various domains.



>>> WORKSHOP ON 'MYSQL'

6.10.2023

The course contents briefed on basics of relational databases, perform database operations using MySQL, perform client/server executable and their options, design effective database design and structure, securing MySQL with privileges and roles. The students gained knowledge on features and benefits of MySQL in the design of relational databases.



POSTER MAKING



08.09.2023

POWERPOINT PRESENTATION



15.09.2023

**TECHNOPHILIA
TECH SPEAK**



15.03.2024

COMPETITIONS

**TECHNOPHILIA
QUIZOPHILE**



15.03.2024

**TECHNOPHILIA
CREAKY FREAKY**



15.03.2024

**TECHNOPHILIA
MINGLE MASTER**



15.03.2024

DEPARTMENT ACTIVITIES

Industrial Visit



>>> MONOLITH RESEARCH AND TRAINING LABS

04.08.2023

Students got significant exposure to real working environments along with a practical perspective on a theoretical concept relevant to Extended reality. Students met professionals, developers, and corporates who shared their learning and work experiences. The students were sensitized on the importance of Augmented reality to the industry domain in product design and development.

MONOLITH RESEARCH AND TRAINING LABS



04.08.2023

The students were sensitized on the importance of Augmented reality to the industry domain in product design and development. The course contents on Augmented Reality (AR) in education covered aspects that enhance learning abilities like problem-solving and collaboration



>>> INDUSTRIAL VISIT TO IITM RESEARCH PARK

20.01.2024

Students got significant exposure to real working environments. Students met professionals, developers, and corporates who shared their learning, work experiences and current ongoing projects concept. Students got the opportunity to interact with and understand the latest technologies and emerging projects.





EDUCATIONAL TRIP TO OOTY

22.01.2023 & 23.01.2023

The educational trip to Ooty was a resounding success, achieving its objectives of enhancing educational, personal, and social development. The hands-on experiences, interactive sessions, and exposure to new environments provided students with a rich, memorable learning experience that will have a lasting impact on their academic and personal growth.

RIGHTS AND PRIVILEGES OF WOMEN IN INDIA

15.09.23

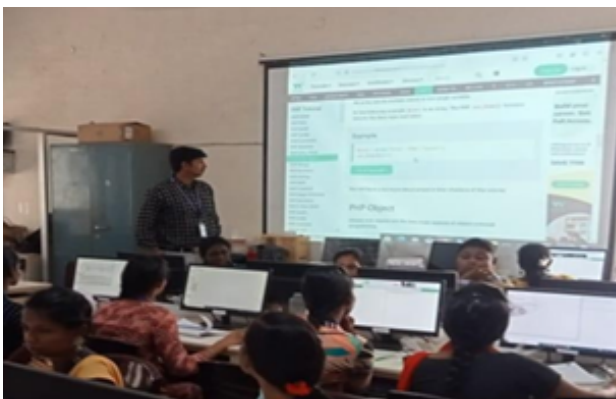
The students know about women rights and the status of women in the Indian society. The speaker concluded with the saying that 'Education will go an extended way in making women familiar with their legal and personal rights and make them battle for their privileges, which will direct to protecting their rights mentioned in the Constitution'. Nearly 50 students got benefitted from the Programme.



DEPARTMENT ACTIVITIES

DAN UTSAV

02.10.2023 & 08.10.2023



TATTI CERTIFICATE COURSE

01.03.2024 to 08.03.2024

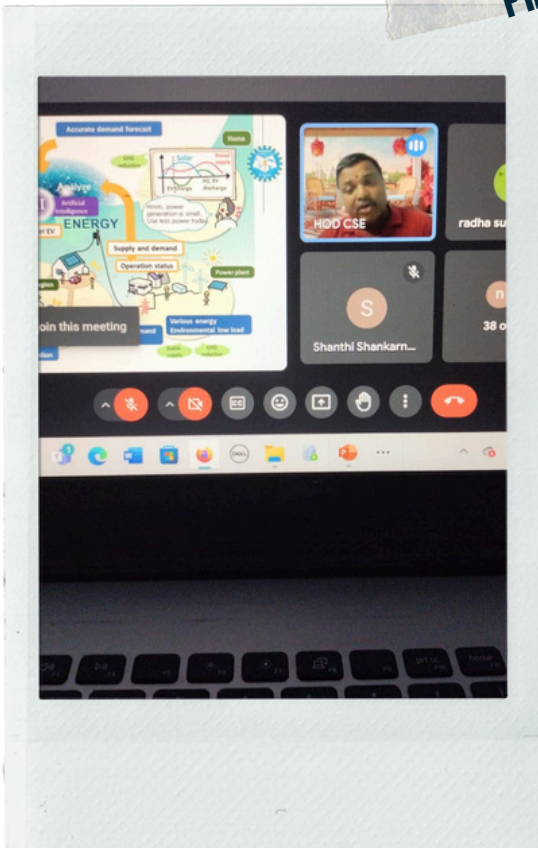
The certificate course provided students with a solid foundation in PHP and MySQL, equipping them with practical skills and knowledge that can be applied in web development projects and beyond.



DEPARTMENT ACTIVITIES



FACULTY DEVELOPMENT PROGRAMMES



DEPARTMENT ACTIVITIES



ICTACT



DEPARTMENT ACTIVITIES

PRE-PLACEMENT TRAINING



TITAN LEAP & CAMPUS DRIVE

