DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SR IT
Empowering Knowledge

AAROHAN

DECEMBER - 2022

VISION

To evolve as a leading department by offering best comprehensive teaching and learning practices for students to be self-competent technocrats with professional ethics and social responsibilities.

MISSION

- Continuous enhancement of the teaching-learning practices to gain profound knowledge in theoretical and practical aspects of computer science applications.
- Administer training on emerging technologies and motivate the students to inculcate self-learning abilities, ethical values and social consciousness to become competent professionals.
- Perpetual elevation of Industry - Institute interactions to facilitate the students to work on real - time problems to serve the needs of the society.

WEB DEVELOPMENT IN THE CURRENT INDUSTRY

Web development is constantly evolving to meet the needs and expectations of online consumers. Many of these trends are focused on optimizing the user experience on mobile — others in the future might be focused on optimizing UX for smart wearables or devices we haven't seen yet. By staying on top of web development trends, one can ensure their website consistently attracts and delights users. In this program, our alumni, Mr. Sai Rahul, System Engineer, TCS, Bangalore has discussed the trends like Progressive Web Apps (PWAs), AI Chatbots, Accelerated Mobile Pages, Single-Page Application, Optimized Voice Search, WordPress Development, Motion UI, Serverless Architecture, Responsive Site Design, Dark Mode Standardization, Improved Native Cybersecurity, etc., which are going to play a predominant role in the current web development industry.

INTRODUCTION TO INDEPENDENT SOFTWARE VERIFICATION & VALIDATION ACTIVITIES

Independent Verification and Validation (IV&V) is the process for ensuring that a product, service, or system meets requirements and specifications and that it fulfills its intended purpose. Mr. Somnath Pal, Chair – IEEE RS, Hyderabad has addressed our III CSE students on key issues like Safety Critical software, Conventional Testing methods, Confidence, Competency, Audited, Assurance and Testing importance, Safety software Development process, ISV&V mechanisms, ISV&V Customer's responsibilities and assumptions, International Safety Critical Software Guidelines(standards), Documentation Standards through IEEE, Quality Attributes, Goals, Safety Software Validation Metrics, etc.,

A CAREER IN CYBER SECURITY

Cybersecurity is a shared responsibility. We each must do our part to keep the Internet safe. When we all take simple steps to be safer online, it makes using the Internet a more secure experience for everyone. While other types of IT jobs like network administrators or software developers are more common and well-known, cyber security jobs are smaller in number but fast increasing in importance. As our global economy has led to more Internet-based computing and connectivity the world over, organizations have grown ever more vulnerable to hacking and cyber-attacks. And just as a business might hire security even when there's a local police force, so must a business hire cyber security staff. It is ultimately the duty of the organization to protect their proprietary data as well as any customer information they are privy to. The speaker of the session, Mr. N Naveen Kumar, Senior Network Security Engineer, TCS has created awareness to our students on various cyber security job profiles like Network Security Engineer, Cyber Security Analyst, Security Architect, Cyber Security Manager, Chief Information Security Officer (CISO), etc.,

DENTAL CHECKUP AND PSYCHOLOGY INDUCTION PROGRAM

Contrary to the belief that stress management will help us live a stress free life, what it actually entails is learning the knack of living a healthy life along with the stresses. Stress can be created anywhere and at any time. Sometimes, stress can be helpful too and acts like a booster to enhance our performance, said Dr. Guru Vamsi Krishna, a Neuropsychiatrist & de-addiction specialist in the awareness session that was conducted today in the campus. NSS unit SRIT in association with the Department of CSEorganised yet another session today. A free dental checkup with Dr. Aruna, Dental Surgeon & Root Canal Specialist. Around 120 students participated in the camp and got their issues solved. We thank the doctor couple on behalf of our students for their services.

FACULTY ACHIEVEMENTS

- Mr.C.NAGESH, Assistant Professor from the Department of CSE has completed 30 days (27-10-22 to 27-11-22) Advanced Python Programming Master Class at Pantech e learning pvt ltd,Chennai

- Mr.C.NAGESH, Assistant Professor From the Department of CSE has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

- Mr.C.NAGESH, Assistant Professor from the Department of CSE has completed 30 days (23-11-22 to 22-12-22) Artificial Intelligence Master Class at Pantech e learning pvt ltd, Chennai.

- Mr.C.NAGESH, Assistant Professor from the Department of CSE has Published in IJTE Journal on "EFFECTIVE AND SAFE BIOMETRIC-BACED CLOUD SERVICE ACCESS MECHANISM DESIGN", Volume XIV, Issue IV, in the month ofDecember 2022

- Mr.C Lakshminath Reddy, Assistant Professor from the Department of CSE has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

- Dr. B.Harichandana, Associate Professor from the Department of CSE has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

- Mr. K. Venkatesh, Assistant Professor from the Department of CSE(Data Science) has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

- Mr. K. Venkatesh, Assistant Professor from the Department of CSE(Data Science) has completed a 30 hours Live Training Program on Fundamentals of Full Stack Development offered by ExcelR held from 5th December 2022 to 23rd December 2022.

- Mr. K Kondanna, Assistant Professor from the Department of CSD has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

- Mr.P.Rama Bayapa Reddy, Assistant Professor from the Department of CSE(Data Science) has has attended a 5-Day National Level FDP on "Cloud Computing and its Applications" organized by department of CSE, GPCET(Autonomous), Kurnool from 28th Nov to 3rd Dec 2022.

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