SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY PAYYANUR

DRISHTI

Department of Computer Science & Engineering

INDEPENDENCE DAY

The 76th Independence day was celebrated at the college on 15 August 2022. The welcome speech was delivered by Dr. Leena AV ,Principal. Flag was hosted by Sri. K P Balakrishnan (President SBSY Talap) and the chief guest Col. Padmanabam P addressed the gathering.

"It's not a faith in technology. It's faith in people."

- Steve Jobs

Inside this issue:

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION	MISSION
To be a center of excellence in Computer Science and Engineering to produce competent professionals and entrepreneurs capable of exploring and assimilating latest technological advancements for the betterment of the society.	To facilitate transformative education in computer science and engineering. To build competent professionals and entrepreneurs by introducing new technologies. To accomplish higher education, induce ethical values and spirit of social commitment.

🌐 *sngcet.org*

TECH NEWS

Indian arms of Apple, Google, others to appear before parliamentary panel regarding anti-competitive practices

A parliamentary panel has asked the top India management of Apple, Google, Amazon, Netflix and Microsoft to appear before it. According to Jayant Sinha, the chairman of the Parliamentary Standing Committee on Finance, these executives will be giving testimony regarding the anti-competitive practices that these Big Tech players allegedly indulge in.

The tech industry In India presents a strong picture, having grown steadily over the years. In fact, it clocked a spectacular growth in FY22 – a growth of 15.5% – to reach $227 billion amidst a bustling domestic startup ecosystem. The tech industry also added a record 445,000 to its total direct workforce, taking the number to over five million. Much of that though, comes from the country's IT industry.

With this impressive growth in the tech sector, there arises a need for the corresponding laws of the land to catch up and remain relevant.

For many years, Big Tech companies have reigned supreme as they prioritized profits and growth, circumventing local laws or finding loopholes. This often resulted in the dominance of these companies in the market, which led to a drop in competition, and came at the detriment of retailers and small businesses, who found it difficult to keep up and compete with foreign behemoths.

-GOPIKA PRAMOD KUMAR(2020-2024)

US Appeals Court Bars Big Tech From Regulating Online Speech

A few tech groups had challenged the law and found themselves on the losing end on the recent ruling.A Texas law that bars large social media companies from censoring users based on viewpoint was reportedly upheld by a US appeals court a day ago. This is said to be a setback for technology industry groups who say the measure would turn platforms into bastions of dangerous content. The current Texas law was passed by the Republican-led legislature of the state and signed by its Republican governor. A few tech groups had challenged the law and found themselves on the losing end on the recent ruling.According to a recent report by Reuters, a Texas law barring large social media companies from censoring or banning users based on viewpoint was upheld by a US appeals court a day ago.As mentioned earlier, this is said to be a setback for the technology industry groups who argue that the measure would turn platforms into bastions of dangerous content.The law was passed by Texas' Republican-led legislature and signed by the Republican governor of the state.

To recall, a few tech groups like NetChoice and the Computer & Communications Industry Association, which count Meta Platforms' Facebook, Twitter, and Alphabet's YouTube as members had challenged the law and found themselves on the losing end of the recent ruling.

-NANDANA MV (2020-2024)

Microsoft Switches Development Cycle, May Release Windows 12 in 2024

Microsoft is reportedly switching to a new development schedule for Windows. The company is expected to return to its traditional three-year cycle, which could mean that the next major version might get released in 2024. This version could be Windows 12 if the company chooses to stick with its current naming trend, according to the report. Microsoft is also expected to double down on releasing new features for the current version of Windows. The company recently finalized the 22H2 update for Windows 11 which is expected to arrive sometime in September or October.

According to a report by Windows Central, Microsoft is likely to release the next major version of Windows — believed to be Windows 12 — in 2024. The company has reportedly scrapped the planned 2023 version of Windows 11, codenamed 'Sun Valley 3', to adopt this new schedule. Only a year ago, Microsoft announced that it plans to release one major feature update for Windows 11. It now plans to ship major versions of Windows every three years, as per the report.

-G P THRISHNA (2020-2024)

"Happiness is an uphill battle. Wear the good shoes."

-- Kurt Vonnegut

PLACEMENTS

SHAMEEM KV

(2018-2022)

ANASWARA R

(2018-2022)

"Your time is limited, so don't waste it by living someone else's life"

-- Steve Jobs

The college gathered a one-day Robotics Workshop on the 1st August 2022 . The workshop was conducted for freshly graduated 12th-standard students. Our dear Principal Dr. Leena A. V. officially inaugurated it at the meeting hall.
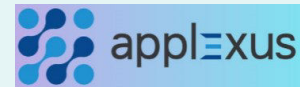
ARTICLES

The Impact of the Internet on Society: A Global Perspective:Technologies of Freedom, the Network Society, and the Culture of Autonomy

Available evidence shows that there is either no relationship or a positive cumulative relationship between Internet use and the intensity of sociability. We observe that, overall, the more sociable people are, the more they use the Internet. And the more they use the Internet, the more they increase their sociability online and offline, their civic engagement, and the intensity of family and friendship relationships, in all cultures—except a couple of early studies of the Internet in the 1990s, corrected by their authors later (Castells 2001; Castells et al. 2007; Rainie and Wellman 2012; Center for the Digital Future 2012 et al. Thus, the purpose of this chapter will be to summarize some of the key research findings on the social effects of the Internet relying on the evidence provided by some of the major institutions specialized in the social study of the Internet. More specifically, I will be using data from the world at large: the World Internet Survey conducted by the Center for the Digital Future, University of Southern California; the reports of the British Computer Society (BCS), using data from the World Values Survey of the University of Michigan; the Nielsen reports for a variety of countries; and the annual reports from the International Telecommunications Union. For data on the United States, I have used the Pew American Life and Internet Project of the Pew Institute. For the United Kingdom, the Oxford Internet Survey from the Oxford Internet Institute, University of Oxford, as well as the Virtual Society Project from the Economic and Social Science Research Council.

— GOPIKA PRAMOD KUMAR(2020-2024)

ALWAYS THROUGH THE PATH OF OBE

PROGRAM OUTCOMES (POs)

PO1:-Engineering knowledge

PO2:-Problem analysis

PO3:-Design/development of solutions

PO4:-Conduct investigations of complex problems

PO5:-Modern tool usage

PO6:-The engineer and society

PO7:-Environment and sustainability

PO8:-Ethics

PO9:-Individual and team work

PO10:-Communication

PO11:-Project management and finance

PO12:-Life-long learning

RECENT ACTIVITIES

1. *Release of S6 (S/FE) results 2015 scheme.*

2. *One day workshop on robotics for +2 students passed students was conducted. Independence day celebration at campus.*

3. *Ongoing of revisions classes for s2, s4, s6 students.*

4. *Ongoing of Btech S2, S4, S6 examinations.*

5. *Bridge course conducted for newly admitted students.*

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO1:-Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science.

PSO2:-Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products.

PROGRAM EDUCATIONAL OBJECTIVES(PEOs):

PEO1:-To prepare students to excel in Computer Science and Engineering program through quality education enabling them to succeed in computing industry profession.

PEO2:-To provide students with core competencies by strengthening their mathematical, scientific and basic engineering fundamentals.

PEO3:-To design & develop novel products and innovative solutions for real life problems in Computer Science & Engineering field and related domains by broad based knowledge.

PEO4:-To inculcate professionalism among students by providing technical, entrepreneurial skills and soft skills with ethical standards.

PEO5:-To encourage students for higher studies by adapting to new technologies through interactive quality teaching and organizing symposiums, conferences, seminars, workshops and technical discussions.