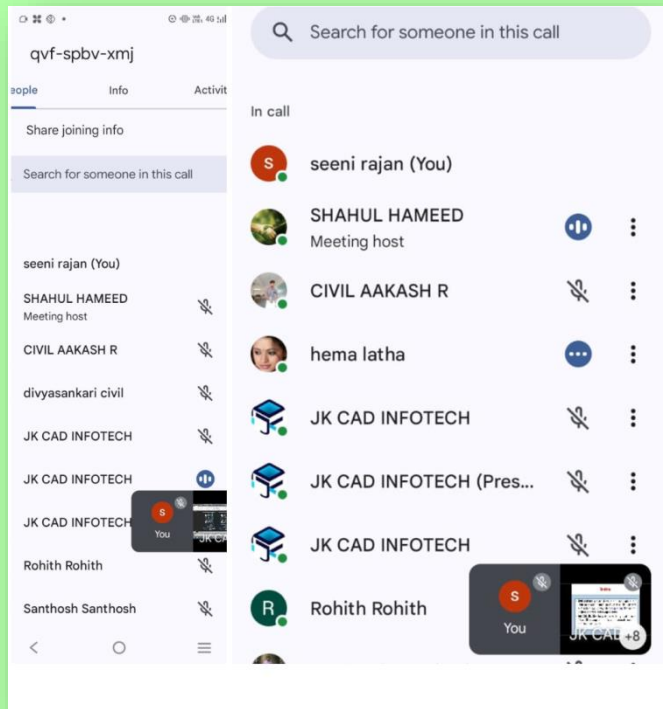


# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080



## Civil Department faculty members and the second year students attend the Webinar on Civil Engineering Job Opportunities

A webinar on "Job Opportunities in Civil Engineering" was attended by all faculty members and second-year students. The program, organized by JK CAD INFOTECH, provided valuable insights, benefiting a total of 20 students.

## MBA Department Conducts Seminar on National Education Day

The MBA department organized an EDC/IIC seminar to mark National Education Day. The session was led by Mrs. S. Sangeetha, Assistant Professor of MBA, who served as the resource person for the event.

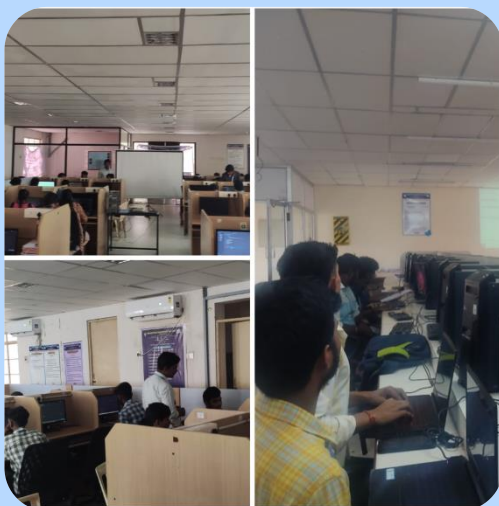


# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080

## EEE Faculty Successfully Completes ATAL FDP on Disruptive Energy Technologies

Faculty members from the Department of Electrical and Electronics Engineering (EEE) at our College - Mr. V. Nanthakumar, Mrs. B. Bommirani, Mrs. K. Deepa, and Mr. R. Prabhu—successfully participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program. The program, titled "Revolutionizing Energy: The Role of Disruptive Technologies in Electrical Systems," was hosted by SNS College of Engineering from December 2 to December 7, 2024. This initiative aimed to enhance knowledge and skills in cutting-edge energy technologies.



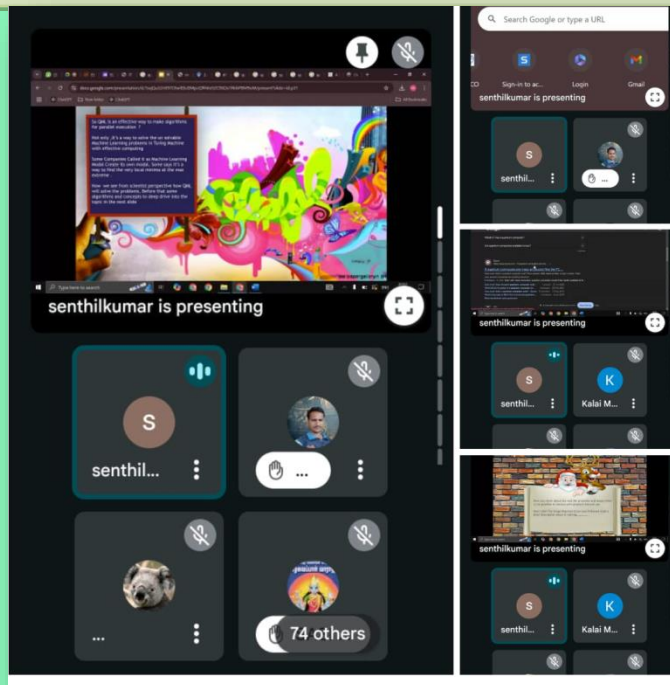
## CSE& CSE(CS) Department Conduct Value-Added Courses

On Day 3, the Department of Computer Science and Engineering (Cyber Security) conducted a value-added course on "Networking: Subnet & Virtual LAN," coordinated by A. Vinod Kumar in collaboration with Thiran Hub Private Limited. Simultaneously, the CSE Department organized another course on "Full Stack Web Development: JavaScript," coordinated by V. Rubeen, under the guidance of the SDC Coordinator.

# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080

## ATAL-Sponsored FDP Explores Integration of AI, Supercomputing, and Quantum Computing for Future Innovations



As part of the Faculty Development Program titled “Integrating AI, Supercomputing, and Quantum Computing for Future Innovation,” a series of technical sessions were conducted.

The third session, “Convergence of AI, Quantum, and Supercomputing: The Future of High-Performance Technologies,” was led by Mr. Karthikeyan, Cloud Data Engineering and Analytics Director at Numentica LLC, Dallas, USA.

The fourth session, “Empowering Tomorrow: Integrating AI, Supercomputing, and Quantum Technologies,” was presented by Dr. T. Senthil Kumar, Professor at Amrita School of Computing, Coimbatore.

Both sessions provided deep insights into the transformative role of cutting-edge technologies in shaping future innovations.

# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080

## நுவலி தமிழ் மன்றம் - தினம் ஒரு திருக்குறள்

குறள் 443

அரியவற்று ளெல்லாம் அரிதே பெரியாரைப்  
பேணித் தமராக் கொளல்.

விளக்கம்

பெரியவர்களைப் போற்றிப் பாராட்டி அவர்களுடன்  
உறவாடுதல் எல்லாப் பேறுகளையும் விடப் பெரும் பேறாகும்.



### இலக்கணக் குறிப்பறிதல்

கெடுப்பதூஉம் - இன்னிசை அளபெடை  
விளக்கம்:

செய்யுளில் ஓசை குறையாத இடத்திலும் இனிய ஓசை தருவதற்காக  
குறில் எழுத்துகள் நெடில் எழுத்துகள் ஆகி, அளபெடுத்தல் இன்னிசை அளபெடை  
ஆகும்.

கெடுப்பதூஉம் கெட்டார்க்குச் சார்வாய்மற்று ஆங்கே  
எடுப்பதூஉம் எல்லாம் மழை

கெடுப்பதும் என்ற சொல்லில் உள்ள து என்ற குறில்எழுத்து, தூ என நெடில்  
எழுத்தாகி, கெடுப்பதூஉம் என அளபெடுத்தல் இன்னிசை அளபெடை ஆகும்.

## பிற மொழிக்கு இணையான தமிழ்ச் சொற்கள்

பிறமொழி - உஷ்ணம்

தமிழ் மொழி - வெப்பம்

# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080

## LAWS OF SCIENCE

### PLANCK'S RELATION

- **Statement:** Energy of a photon is proportional to its frequency, given by  $E=h \cdot f$  where  $h$  is Planck's constant and  $f$  is frequency.
- **Example:** In a laser, red light photons have less energy than blue light photons because blue light has a higher frequency.
- **விவரம்:** ஒளி கற்றையின் (photon) ஆற்றல் அதன் அதிர்வெண் (frequency) உடன் நேர்மாறானது, இது  $E=h \cdot f$  ஆகக் கொடுக்கப்பட்டுள்ளது,  $h$  என்பது பிளாங்க் மாறிலி (Planck's constant, the value of  $h=6.626 \times 10^{-34} \text{kgm}^2/\text{s}$ ) மற்றும்  $f$  என்பது அதிர்வெண் (frequency).
- **உதாரணம்:** ஒரு லேசரில், செம்மணிய ஒளி கற்றைகள் நீல ஒளி கற்றைகளுக்கு விட குறைந்த ஆற்றல் கொண்டவை, ஏனெனில் நீல ஒளிக்கு அதிக அதிர்வெண் உள்ளது.

### Seminar on Intellectual Property Rights for First-Year ECE Students

The Department of ECE, in collaboration with EDC and IIC, organized a seminar on "Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs" for first-year ECE students. Mr. M. Arunkumar, Assistant Professor of ECE, Sengunthar Engineering College, was the resource person. The session highlighted the significance of Intellectual Property in innovation and entrepreneurship. Students gained valuable insights on protecting ideas and navigating IP laws.



# SENGUNTHAR Daily News

18-12-2024/SEC/DN/080

Inspiration Corner: Story with a Message



**LESSON: YOUR STRENGTH WILL ALWAYS HELP YOU IN DIFFICULT SITUATIONS.**



**LESSON: WHEN YOU ARE NOT ABLE TO COMPETE WITH SOMEONE COLLABORATE WITH THEM.**

**IT'S NOT THE FINISH LINE THAT DEFINES YOU BUT THE JOURNEY YOU TAKE TO GET THERE.**

**Moral : Interdependence leads to greater success than independence.**