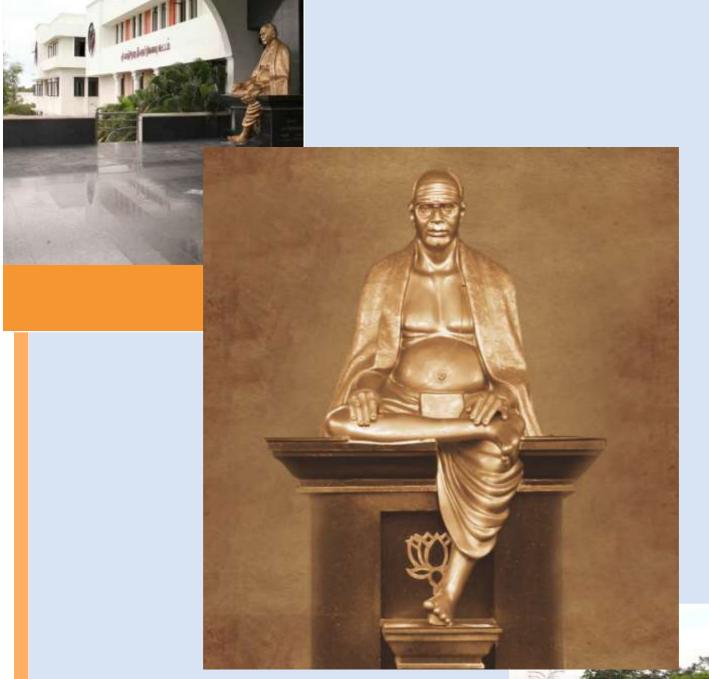


# **SUDHARSAN CHRONICLES**

**WEEKLY MAGAZINE** 

FEBRUARY 25 - MARCH 01, 2024



## Visionary:

### Brahmasri Vanchinatha Dikshithar

(Father of Shri V.K. Sundaram, Founder Chairman, SET)

## **Message from the Management**



Dear Friends,

We extend a warm welcome to each of you. A good education plays a major role is shaping each human's success and we believe that with each student, we are not shaping just one individual but raising a society and world with new ideals and progressive thought.

We pride ourselves on being an institution of distinction and provide students with the Best possible enabling-environment to help them achieve their individual goals.

Offering students a wide range of academic courses we provide them a solid academic foundation, guidance and support helping them realize their dreams.

The thrust on academics is strong, yet we also believe in developing the complete human potential through arts, sports and extra-curricular activities. Personality development programmes are also conducted on a regular basis to help students face interviews and project themselves confidently.

We believe that every student who steps out will be an achiever.

Shri. V. K. Sundaram Founder Chairman

Shri. K. Vijay Kumar Chairman

Shri. K. Ajay Kumar Secretary

SUDHARSAN ENGINEERING COLLEGE

## Principal's Message

Dear Friends,

Being an educationist is an enriching experience and it is wonderful to watch students you have nurtured blossom before your eyes. SEC lays the foundation for every student's entire career and the right mentoring and guidance are required at this vulnerable stage of life. We offer a supportive environment with individual attention and a nurturing attitude.

Engineering education at SEC is the perfect integration of knowledge, skills, understanding and experience which will stand every student in good stead. We offer sophisticated modern and technical infrastructure and good facilities. It's up to students to make the best of these. We inspiring endeavour to provide an environment and a campus experience that will encourage innovation and push the frontiers of research. We have built constructive and collaborative relationships with the industry and this gives students the right kind of industry exposure.

Every student at SEC is a winner and will step out a full-fledged professional with a bright future.

> Dr. K. Srinivasan Principal



## Dr. R. Pradeep Kumar's Message



Dr. R. Pradeep Kumar, CEO, Amphiventures

# Power up Your Campus with Auto-Evaluation

For the last two decades, E-Box has been at the forefront of auto-evaluation and learning automation. Initially, the company viewed engineering education as the study of designing and analyzing systems, whether it be computer, machinery, electrical/electronic, or biological systems. It is vital in engineering education to verify if a student's system design meets the given requirements and to assess their comprehension of the concept.

Moreover, evaluating the student's ability to apply the acquired knowledge in creating novel systems, machines, and constructions is also necessary. However, every course includes specific exercises to be practiced by the students to gain the required knowledge and skills. Sadly, regulatory bodies such as AICTE/UGC or Universities/Colleges in India have not conducted extensive research on the science of learning engineering. They have merely worked on abstract curriculum or syllabus levels without delving into the delivery, transmission, or assimilation of each concept or course. They have focused on the term OBE, and NAAC/NBA have insisted on defining objectives for courses, assuming that such definitions or a few regulations over the blooms taxonomy model could accomplish it. Nonetheless, this approach has failed, and it's time for everyone to focus on the science of higher education.

In contrast, E-Box has been researching the science of higher education, tech-skilling, and engineering applications to build a comprehensive framework for intricate auto-evaluations. The intricate auto-evaluation enables continuous monitoring of students/trainees and provides personalized attention to every concept and topic they are learning. Human teachers cannot achieve this on a large scale. Even for a class of 60 students, it is impossible for human teachers to drive a practice-oriented approach, wherein students solve hundreds of engineering and technology problems, and subsequently evaluate them manually. But practice-oriented approach is essential for students to learn and develop the required skills. Only platforms with intricate auto-evaluations can provide this. E-Box provides intricate auto-evaluation and learning automation that can power up your campus. It's time for educational institutions to be more responsible and logical and not continue to provide sub-standard engineering education to our Indian youth. Let's understand the science of engineering education.



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## WEEKLY MAGAZINE February 25- March 01, 2024

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#### **SUDHARSAN CHRONICLES**

# PRINCIPAL INVITED AS GUEST SPEAKER FOR THE SERB EVENT

#### Poster:

#### About Erode Sengunthar Engineering College

Erode Sengunthar Engineering College, Approved by AICTE, New Delhi and permanently affiliated to Anna University, Chennai and an Autonomous Institution was established in the year 1996 for the upliftment of urban and rural youth by the philanthropic visionaries of Erode Sengunthar Educational Trust. UGC has concered the Autonomous status to the Institution for 10 years from 2019 to 2029 based on the successful and effective functioning. National Assessment and Accreditation Council (NAAC - UGC) has awarded A grade accreditation status. The college offers 16 UG programmes in Engineering and 10 PG programmes in M.E. Environmental Engineering, M.E. Computer Science and Engineering, M.E. Manufacturing Engineering, M.E. Power Electronics and Drives, M.E. Applied Electronics, M.C.A and M.B.A. It has full-fledged infrastructure furnished in all aspects. The institution is known for strict academic discipline and standards and is one of the best run institutions in this part of Tamilnadu. It is also wellconnected by the bus routes from Erode (25km), Coimbatore (80 km) and Salem (80 km). The nearest airports are located at Coimbatore and Salem.

#### About the Department:

The Department of Electronics and Communication Engineering was started in the year 2000. It offers UG programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out PhD programme under Anna university. The Department has been accredited by NBA for its quality education and state of art equipment facilities. It has good infrastructural facilities with well experienced and dedicated team of faculty members.

The Department has signed MoU with various companies and has collaboration in Research & development / Student Projects / Consultancy works. The Department organizes National level Students Technical symposia and Project Exhibition every year.

#### About the Seminar

Industry IoT 5.0 brings collaboration between human beings and robots within the same work environment to combine human skills and knowledge with efficiency and accuracy of machines. This Collaboration needs implementation with information communication technologies such as IoT, augmented and virtual reality. Intelligent machine to machine communications in industrial IoT for smart factory 5.0 is highly demanded. There are three core goals of Industry 5.0, in-line with the sustainable development goals, are human-centricity, sustainability, and resilience.

The first goal involves the move from technology-driven advancements to a fully humancentered and society-centered approach which puts people's fundamental needs and interests at the center of the production process. The second goal is aimed at conserving the planet which will require among other things a circular economy to improve resources' efficiency and effectiveness through reuse, repurposing, and recycling alongside reducing waste and mitigating environmental effects. The third value of resilience is aimed at increasing industrial production robustness to make it resilient to disruption and able to supply and support vital infrastructure in times of emergency. Meeting the goals of SDG in effective building of IIoT 5.0 is the key demand of today's research. This workshop thus helps the researchers and participant to understand and analyze the key aspects of IIoT 5.0 with the ideology of implementing it with SDG.

#### Key areas to be covered:

- IIoT5.0
- Sustainable Development Goals (SDG)
- · Human-centricity
- Sustainability
- Resilience

#### Registration Fee

There is no Registration fee

#### Registration Link:

https://forms.gle/rWbY458zCxfJjumSA

#### Important Dates

Last date for Registration: 26.02.2024

#### Address for Communication

#### The Convener,

Department of ECE, Erode Sengunthar Engineering College, Thudupathi (P.O), Erode - 638 057, Tamilnadu. Tel: 04294-232701, 232704 Website: www.erode-sengunthar.ac.in

#### Location

The college is located at Perundurai on the National Highway (NH-47) about 20 km from Erode and 80 km from Coimbatore. It is well connected by road and rail

#### Note:

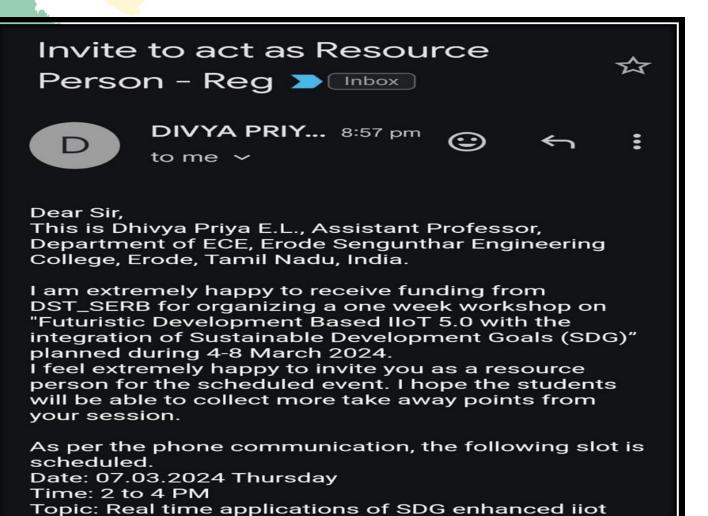
College Buses will be available at Perundurai Bus stand to reach college during the date of workshop. Timing of Transportation will be mailed to all the participants.



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Invite to our Principal to act as resource person in Erode Sengunthar **Engineering College** 



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Our Principal invited as a guest speaker for the Sengunthar Engineering College, Erode, Tamil Nadu, Sponsored one week seminar- Futuristic development based IOT 5.0 and Sustainable development goals (SDG) planned during 4-8 March 2024.

## **Schedule**

**Date:** 07.03.2014 Thursday

Time: 2 to 4 PM

Topic: Real Time Applications of SDG

**Enhanced IOT** 



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## IT INFRASTRUCTURE MANAGEMENT

(Alumni Talk Series)

Date: 27<sup>th</sup> February 2024

Venue: 103-Sona Block

Alumni Talk - IT Infrastructure Management Programme presided by Dr. K. Srinivasan, Principal, Sudharsan Engineering College , Prof.S.John Joseph, HoD-AI & DS and Alumni Coordinator, Introducing the Resource Person. Mr.N.kathirvel, Software Engineering Lead Persistent Systems, Bangalore.

In the Morning Session Handled by Mr.N.Kathirvel, in the topic of IT Infrastructure Management which includes, Introduction to Computer Networks, Types of Networks, IP address, MAC Address.

In the Afternoon Session Class Types, Network Infrastructure Components, App Development, Certification courses, Red-hot, Cisco, Job opportunities.



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## Poster:





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Morning session handles by Mr.N.kathurvel,in the topic of Introduction to Computer Networks, Types of Networks, IP address, MAC Address



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Afternoon session handles by Mr.N.kathurvel,in the topic of Class Types, Network Infrastructure Components, App Development, Certification courses, Red-hot, Cisco, Job opportunities



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Our principal presented an appreciation letter to Mr. N. Kathirvel, an alumnus who serves as a Software Engineering Lead at Persistent Systems in Bangalore.



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## **INTERNSHIP ACTIVITIES**

# SAKTHI GEAR PRODUCTS Date: 24/02/2024 TO WHOM SO EVER IT MAY CONCERN This is to certify that Mr.Z.SAAHUL HAMEED Reg No: 814420114003 Final Year student of B.E Mechanical Engineering from Sudharsan Engineering College, Pudukkottai Underwent Internship Work under my guidance in our concern and I found his quite obedient, hardworking, intelligent and completed industrial training in SAKTHI GEAR PRODUCTS Period of industrial training: 02.02.2024 to 23.02.2024 We wish him all the best for his future endeavor. For Sakthi Gear Products H.R. DEPARTMENT Manufacturer and Supply of Ferrous & Non - Ferrous CNC Precision Machined Components, Gears, Gear Boxes and Ball Valves Unit 1: 7/4, Palli Street, Chinnavedampatti, Ganapathy, Coimbatore - 641 049. Phone: 0422 - 2364100, 101 Branch: SF.No. 99, Vadugapalayam, Salaiyur Pirivu, Naranapuram Village, Annur (Taluk), Coimbatore - 641 107. Phone: 0421 - 2362562 E-mail: sales@sakthigear.com www.sakthigear.com GSTIN: 33AAHFS8094D1Z2



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Our final year Mechanical Engineering students successfully completed one month internship training with stipend & industrial certificate. Our Principal Sir congratulated the students and distributed the certificates



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# STUDENTS PARTICIPATED IN KING OF DANCE PROGRAM

Dr. K. Srinivasan, our principal, along with Professor S. John Joseph, the Head of the AI and DS department, commended the participation of two first-year students, S. Daniel and R. Santhoshkumar, in the preliminary round of the King of Dance competition.





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The principal congratulated our students for their participation in the King of Dance program in Vijay TV



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## **INTERNSHIP ACTIVITIES**



Our principal sir had a MoU discussion with LEARNET - Alagappa University - Karaikudi for the benefits of all departments' students.



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#### **FACULTY ACHIEVEMENTS - EEE**

NAME OF THE EVENT: WEBINAR ON "POWER SYSTEM STUDIES USING ETAP" BY POWER PROJECTS

DATE : 29.02.2024

PARTICIPANTS LIST : Ms. M. A. Madhumathi, AP/ EEE,

Mr. R. Jeevanantham, AP/ EEE





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### **FACULTY ACHIEVEMENTS - CIVIL**

NAME OF THE EVENT: INTERNATIONAL SEMINAR ON "PARADIGM SHIFT IN DIFFERENT SECTORS OF INDUSTRIES TO ENSURE OCCUPATIONAL HEALTH AND SAFETY"

DATE: 23.02.2024

PARTICIPANTS LIST: Mr.S.Sundarraj HoD/Civil





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### **FACULTY ACHIEVEMENTS - CIVIL**

NAME OF THE EVENT: CONSULTANCY WORK-XIV

CONSULTANCY WORK: REJUVENATION OF PAPPANKULAM, MANIKULAM WATERBODY

**WORK DONE TO:** 

Mr.D.Senthilkumar M.E, Municipal Commissioner, Aranthangi.

AMOUNT RECEIVED: Rs.44,300

**FACULTY COORDINATORS:** 

- 1. Mr.S.Sundarraj, HoD/Civil
- 2. Mrs.A.Mariammal, AP/Civil
- 3. Mr.P.Siva, AP/Civil



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#### STUDENTS ACHIEVEMENTS - EEE

NAME OF THE EVENT: WEBINAR ON "POWER SYSTEM STUDIES USING ETAP" BY POWER PROJECTS

DATE : 29.02.2024

PARTICIPANTS LIST : R. Akash, III-EEE





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## **SEC@PRESS**



TECH AVINYA 2024 NEWS@ MAALAI MURASU Dated: February 24, 2024



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## புதுக்கோட்டை சுதர்சன் கல்வி நிறுவனங்களில் மாபெரும் தொழில்நுட்ப திட்ட கண்காட்சி விழா

புதுக்கோட்டை, பிப்.25-கதர்சன் கல்வி நிறுவனங்களான கதர்சன் பொறியியல் கல்லூரி. கதர்சன் பாலிடெக்னிக் கல்லாரி மற்றும் ஸ்ரீ வாஞ்சி கலை மற்றும் அநினியல் கல்லூரிகள் இணைந்து பாலிடெக்ளிக் கல் லூரிகளுக்கு இடையேயான மாபெரும் கொழில் நட்ப திட்ட கண்காட்சி டேக் அவின்பா 2024 நடைபெற்றது. இதில் நிருச்சி, தஞ்சை, சிவலக்கை, புதுக்கோட்டை போன்ற பல்வேறு மாவட்டங்களை சார்த்த தொழில்நுட்பக் adgifamm Cetha 300 вода Округа" и приятил. மானவிகள் கலந்துகொள்டு தங்கள் திறமையை காட்டி பற்பல தொழில்நுட்ப திட்டங்களை சமர்ப்பித்தனர். இதில் தொழில்நுட்பத்



Exiden anuline magnets செய்யப்பட்டு ஒவ்வொரு துறைக்கும் மூன்று பரிக்கள் மற்றும் சான்றிதழ்கள் வழங்கப்பட்டன. தமிழ்த்தாய் வாழ்த்துப் பாடலுடன் குத்து விளக்கு ஏற்றப்பட்டு பரிசளிப்பு விழா Ggm\_siminuing, agjrdt கல்வி நிறுவனங்களின் இயக்குளர் கு. ஸ்ரீநிவாஸள் மாணவர்களிடையே துவக்க உரையாற்று கையில் தொழில்நுட்ப கல்விக்கு பிறகு மாணவர்களுக்கு இருக்கும் வளர்ச்சி

வாய்ப்புகள் மற்றும் சுதர்சன் கல்வி நிறுவனங்களின் சாரா அம்சம்களான உயர்திறன் மையம் மற்றும் மேன் திறன் மேம்பாட்டு வகுப்புகள் பற்றிய சிறப்புகளை எடுத்துரைத்தார்.

மேலும் பாலிடெக்ளிக் பயிலும் மானவர்களின் திறன் மேம்பாடு எவ்வளவு முக்கியம் என்பதை பற்றியும் கூறினார். இதில் கலந்துகோண்ட பாலிடெக்ளிக் மானவ மானவிகளிடம் கருத்து கேட்டபோது மிக்ஷம் மகிழ்ச்சியாக இது போன்ற நிகழ்ச்சிகளை நடத்துவதன் மூலம் மாணவர்கள் மிகவும் பயனடைவதாக கூறினர், பின்னர் அனைவருக்கும் பங்கேற்பு சான்றிதழ் மற்றும் முதல் மூன்று பரிசுகளை வென்ற வர் களுக்கு சான்றி தழ்கள் மற்றும் பரிககள் வழங்கப்பட்டது.

பீன்னர் சுதர்சன் பாலிடெக்னிக் கல்லூரி முதல்வர் கலியபெருமாள் தன்றி உரையுடன் விழா இனிதே நிறைவடைந்தது. ини Сверр "меневу и петем மாணவிகளுக்கும் சுதர்சன் கல்வி நிறுவனங்களின் நிறுவனத் தலைவர் ஸ்ரீ. வி.கே. சுத்தரம், தாளாளர் pf. கே. விஜயுகுமார் மற்றும் Сачыстоті уб. Са. <sub>гододіл</sub>аценті மற்றும் ஆம்பிவெஞ்சர்ஸ் திறுவனங்களின் தலைமை செயலதிகாரி பிரதிப்குமார் பாராட்டுத் தெரிவித்தனர்.

TECH AVINYA 2024 NEWS@ PUDUGAI VARALARU Dated: February 25, 2024



SATHIYAMANGALAM, PUDUKKOTTAI





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