



Om Sakthi

**Adhiparasakthi College of Engineering,**  
(NAAC Accredited)  
Kalavai, Ranipet District- 632506, Tamil Nadu, India.

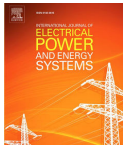
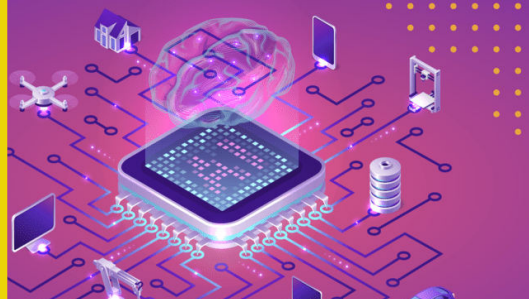


**(IGNITE '24)**

International Gathering of Network with  
Innovative Technology In Emerging Engineers

## International Conference on Recent Trends In Artificial Intelligence and IoT : Challenges and Opportunities

**ORGANISED IN HYBRID MODE (ONLINE AND OFFLINE)**



**ijo**  
Indian Journal of  
Ophthalmology

**International Journal of Advanced  
Development in Science and Technology**

**27<sup>th</sup> March 2024**

## ABOUT

Adhiparasakthi College Of Engineering was established in the year 2001 with the blessings of Our founder President, His **Holiness Padmashree Arulthiru Bangaru Adigalar** in order to meet the growing demands for engineers in the modern industries. This institution is governed by Thirumathi **V. Lakshmi Bangaru Adigalar**, Vice President of the Adhiparasakthi Charitable, Medical Educational and Cultural Trust. This institution is functioning well with the constant support of our Sakthi Thirumathi **Dr.G.B.UMA DEVI**, Correspondent, APCE. This institution is one of the prestigious institutions in Tamilnadu. This institution is approved by the Government of Tamil Nadu and the All India Council for Technical Education and is affiliated to Anna University Chennai. Our Institution also got NAAC Accreditation for five years.

The International Gathering of Network with Innovative Technology in Emerging Engineers (IGNITE'24) provides sound outstanding International Forum for exchanging research ideas and state of the art technologies preferring to emerge engineers. This year the Conference has Organised with the theme of Applications in Artificial Intelligence (AI) and Internet of Things (IoT) to enhance more technical ideas and also to bring the model to be utilised in our nation. IGNITE'24 Welcomes paper describing novel research works on innovation and in less expensive ways.

The accepted and presented paper in IGNITE'24 will be submitted for publication under any one of these three journals based on the quality of the paper. The paper should meet the journals quality requirements.

**Chief Patron:** Dr. G. B. UMA DEVI M.Pharm, Ph.D., Correspondent, APCE.  
Mr.R.Karunanidhi, B.Sc., M.A., Secretary, APCE.

**Patron:** Dr.S. Mohanamurugan M.E, Ph.D., Principal, APCE.

**Organising secretary:** Dr. B. Dhanalakshmi, AP-EEE , APCE.

**Organising team:**  
Mr.S.Prem Kumar, Vice Principal, Asso.Prof - ECE.  
Dr. P. Murugesan, HOD - Asso.Prof - EEE.  
Mrs.S.Sivaprasanna, HOD - Asso.Prof - ECE.  
Dr.B.Shanmuga sundaram, HOD-Asso.Prof - Mech.  
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Mrs.P. Manjankar, HOD - Asso.Prof - MBA.  
Dr.P. Lokes, HOD - Asso.Prof - SMH.

**Contact Us:**  
**Contact No:** 8760257077, 9894751567.  
**Website :** www.apce.in  
**Contact Us :** E-mail : apceignite2024@gmail.com

**Contact us**

## Keynote speakers



**Dr.D.Lakshmi**

Professor Electrical & Electronics  
Engineering,  
AMET Deemed to be University, Chennai.



**Dr.S.ARUMUGAM**

Associate Professor Mechanical  
Engineering, SCSVMV University,  
Kanchipuram.



**Dr.N.Senthil Kumar**

Associate Professor  
Mechanical Engineering,  
SIMATS ,Chennai.



**Dr.P.Srinivasan**

Professor Mechanical Engineering ,  
SRM University, Chennai.



**Dr.RAGINI**

Assistant Professor (Senior Grade)  
Business and Management,  
VIT Business School, VIT, Vellore.

## Registration fees (INR)

S.No	Participants	Fees (INR)
1.	UG/PG Student	1000/-
2.	Research scholars/Academician	1200/-
3.	Industrialist	1500/-

\*\*\* Terms and Condition Applied \*\*\*

### Terms and condition

- Virtual presenters will get an official participation certificate and conference proceedings in electronic form by email after the conference.
- Refund of the registration fee is not available.
- No TA /DA will be paid for any participant.
- Lunch,Refreshment and Conference Kit will be provided to participants.

### Important policy announcement

- Organisation reverse the right to exclude a paper from distribution after the conference if the paper is not presented at the conference.
- Papers are reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference at the same time (double submission).
- These matters are taken very seriously and the Journals will take action against any author who engages in either practice.
- submitted papers must be unpublished and not currently under review for any other publication.

## Tracks :

**IoT in Green Computing.**

**Energy Efficiency and Sustainable Aspect of IoT.**

**Application of AI in various Fields.**

**Uniting AI and IoT.**

**Systematic Investment plan.**

## Instructions for authors :

- All submitted papers will be accepted based on their quality, presentation, and relevance through a "double-blind" review process, where the identities of the authors are withheld from the reviewers.
- The accepted and presented papers of IGNITE '24 will be submitted for publication based on the quality of the work under any one of the below mentioned journal.
  - 1.International Journal of Electrical Energy System Publisher, Elsevier, Index: Scopus.
  - 2.International Journal of Advance Development in Science and Technology publisher, AG PUBLICATIONS.
  - 3.International Journal of Optomechatronics Publisher, Taylor & Francis, Index: Scopus.
- The Manuscript must strictly adhere to the standard Journals format and must not be more than 6 pages, including the bibliography and any possible appendices. Over-length charges may apply for additional pages up to a maximum of 8 pages.
- For typesetting instructions and sample templates, please refer to Journals Manuscript Templates for Conference Proceedings.
- After acceptance, the authors need to fill out conference registration form given in the last page.



## Important Dates

Full paper submission: **March 1**  
Full paper Acceptance: **March 5**  
Registration Deadline: **March 23**

[🔗 Click here to Register](#)

[🔗 Click here to submit your Abstract](#)

[🔗 Click here to submit your Full Length paper](#)

## National Advisory Committee

- 1.Dr.Naresh Patel** Professor Department of Business and management, Dharmrash Delhi University, Nadiad -387001, khexa, Gujarat.
- 2.Dr.G.kumaresan** Professor Department of Mechanical engineering, Anna University Chennai.
- 3.Dr.Deepak Arumugam** Manager Design of Motors and solenoid valves, Lucas TVS Chennai.
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- 7.Dr.E.Kannan Eswariah** Registrar & Dean, Vei Tech University, Chennai.
- 8. Dr.N.Karthik** Assistant Professor, Department of Computer Science and Engineering National Institute of Technology Puducherry, Karaikal,India.
- 9. DR.S.HARIPRASAD** Director (Research) Polenza Tech Solutions (IOP) Pvt Ltd, Chennai.
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- 13.Dr.A.Duraisamy** Dean, College science and Humanities, SRM Institute of science and technology, Chennai.
- 14.Mr.L.Ravi Kumar** Associate Professor and HOD, Department of Civil Engineering Kuppam Engineering College Kuppam, Andhra Pradesh
- 15.Dr.C.Sivanesan** Associate Professor Department of Civil Engineering Alagappa Chettiar Government College of Engineering and Technology Karaikudi, Tamilnadu

## International Advisory Committee

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- 2.Dr.Mahesh Gopal** Associate Professor, Department of Mechanical Engineering, College of Engineering and Technology, Wollega University, Nekemte, Ethiopia.
- 3. Dr. S.NAKKIRAN** Professor of Economics & Cooperative Management, Ambo University,Post Box. No: 369, AMBO, ETHIOPIA.
- 4. DR. V.RAGHURAMAN** Professor of Economics- Dept. of Business Administration, IBRA COLLEGE OF TECHNOLOGY, PO Box 327 Ibra 400, Al Sharjah North Governorate Sultanate of Oman.
- 5. Mr.K.ANBUKUMAR** Safety Officer Bahrain Precast Concrete W.L.L. Kingdom of Bahrain.
- 6. Mr.Srinivasagan Ayyappan** Senior Expert, Informatin Systems, Aston Martin Langonda, United Kingdom.