Aditya College of Engineering & Technology

(Permanently Affiliated to JNTUK, Approved by AICTE, Accredited by NAAC)

Recognized by UGC Under Section 2(f) and 12(B) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533437

East Godavari District, Andhra Pradesh, INDIA.

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AICTE Sponsored

International Conference on Advances in Computer Engineering & Communication Technology (ICACET-2021)

(Online mode)

22nd and 23rd October, 2021

Organizing by

Department of IT, CSE & ECE

Conference Website : http://icacet.in

About the Conference

The International Conference on Advances In Computer Engineering & Communication Technology (ICACET–2021) aims to bring together academicians, industrialists, researchers and research scholars to exchange and share their experiences and hard-earned technological advancements and applications in Computer Science and Communication Technologies. The theme of ICACET–2021 focuses on the domains of Data Science, Internet of Things (IoT), Wireless Communication, Sensor Networks and other emerging technologies.

All accepted, registered and presented papers will be published in **Journal of Physics: Conference Series (JPCS)**, IOP Conference Series, Proceedings services for science, a SCOPUS Indexed Journal.

180 Acre Green Campus

- ENVIRONMENT BLENDED WITH TRANQUILITY

About the College

Aditya College of Engineering & Technology (ACET) a leading Institution in Aditya Group of Engineering Colleges established in the year 2004. It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Assessment and Accreditation Council (NAAC). The College also received UGC recognition under sections 2(f) & 12(B) of the UGC Act. The College offers UG programs in CE, EEE, ME, ECE, CSE & IT and PG programs in MCA, MBA, M. Tech. Along with continuous improvement of quality in teaching, the College lay significant emphasis on excellence in Research & Development.

ACET has state of the art infrastructure, resources, well-furnished lecture halls, highly equipped labs, and library. Besides, the College has added many feathers in its cap which include AA+ grade by Careers 360, South India 4th rank by Digital Mailers, South India 6th rank by Silicon India, 13th rank among top 25 Engineering Colleges by 4Ps, a niche in Asia top 100 Colleges by WCRC leaders. Best placement award by ASSOCHAM, All India 98th rank DQ CMR top T-School survey by Data Quest and 13th position in top 20 Colleges of India by the Sunday Indian. These recognitions speak volumes of the Institute's objective to promote engineering excellence.

Conference Objective

1. This International Conference provides a platform for International relationships among the researchers involved in Computer Science and Communication Technology.

2. The recent inventions and findings in the area of Computer Science and Communication Technology will be discussed.

3. This approach is now vital in research activities as Engineering & Technology practices are increasingly prone to an era of multi-disciplinary collaborations especially in the field of Data Science, Internet of Things (IoT), Wireless Communication and Sensor Networks.

4. This provides an interdisciplinary platform for researchers, students and educators to present and discuss the most recent innovations and challenges in their field of research.

5. The proposed International Conference bring together academicians, scientists, industrialists and research scholars to exchange and share their research expertise, views and results in the field of Computer Science and Communication Technology.

Publication Info

- Authors should maintain ethics & integrity of academic policy and plagiarism should adhere to IOP Publication.
- Prior permission from the copyright holder should be acquired for a copyrighted material.
- All accepted, registered and presented papers will be published in IOP Publication which is indexed in Scopus.

Submission Guidelines

- Original papers based on theoretical or experimental works related to the below mentioned tracks are solicited for presentation in the Conference.
- The paper should begin with title, short abstract and a list of keywords.
- Simultaneous submissions (papers already submitted to other Conferences / Journals) are not allowed.
- Authors are invited to submit full papers in English limited to 8 pages (including figures, tables & references) and follow the IOP template. Additional pages will be charged as per IOP.
    https://publishingsupport.iopscience.iop.org/author-guidelines-for-conference-proceedings/
- Prospective authors are invited to submit their research papers through Easychair and submission link is https://easychair.org/conferences/?conf=icacet2021
- Mode of presentation is virtual only through Microsoft Teams.

Call for papers

Prospective authors are invited to submit their research papers through Easychair in any of the following tracks under the Topics mentioned but are not limited to:

Track – 1 Computer Science	Track – 2 Electronics & Communications

• Computer Networks
• Data Communications
• Data Encryption
• Data Mining
• Database Systems
• Programming Languages
• Image Processing & Pattern Recognition
• Computer Animation
• Artificial Intelligence
• Machine Learning
• Distributed and Parallel Processing
• Operating Systems
• Mobile Computing
• Pattern Recognition
• Neural Networks
• Deep Learning
• Parallel & Distributed Computing
• Architectural Interaction
• Big Data Infrastructure
• Cloud Computing
• Data Center Networking
	• Nano Electronics & Micro Electronics
	• Nano Technology & Nano Machines
	• Very Large Scale Integration (VLSI)
	• Microscale Fabrication
	• Electro Technologies
	• Digital Communication
	• Semiconductor Technology
	• Signal and Image Processing
	• Transmission of Numerical Images
	• Robotics
	• Wireless Sensors in Communication Intelligence
	• 4G & 5G Communications & Technology
	• Speech Processing using AI
	• Tele Sensation and Hyper Reality
	• Telecommunication and Radio Signals
	• Mobile IoT
	• IoT Device for Circuit Design
	• IoT Analytics
	• IoT and Applications in
	    • Smart Environments
	    • Smart Health
	    • Smart City
	    • Smart Agriculture
	• Sensor Networks and Social Sensing

Dates to remember

Last date for paper submission	30th September, 2021
Date of acceptance	09th October, 2021
Registration opens on	29th September, 2021
Last date for Registration & Submitting Camera ready paper	12th October, 2021

Registration Information

Students / Research Scholars	INR 7,000
Academicians	INR 7,500
Authors from Industry	INR 8,000
Attendee / Participant	INR 1,000
Foreign Authors	USD 150
Foreign Attendee / Participant	USD 30

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(Updated list is available in the Conference website)

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