

Government of Karnataka
Department of Collegiate and Technical Education



**International Conference
on
Advances
In
Engineering and Technology
(ICAET2023)**

**12th and 13th April, 2023
(Hybrid Mode)**



Government Engineering College
K R Pet – 571426, Mandya District,
Karnataka, India

About the Institution

Government Engineering College, K R Pet is started in the year 2007 by the Karnataka State Government under the Department of Higher Education (Technical) in K R Pet, Mandya District. The Institution is recognized and approved by All India Council for Technical Education, New Delhi and affiliated to Visvesvaraya Technological University, Belagavi, Karnataka (VTU). The institution is offering four under graduate programmes in Engineering namely, Civil, Mechanical, Electronics and Communication and Computer science and Engineering. All the departments have been recognized as Research centers by the VTU. Many Research Scholars are pursuing their Ph.D. and M.Sc. (Engg.) by research under the ambience of renowned state technological university, VTU, Belagavi. All the departments are equipped with excellent lab facilities and Industry –Interaction cell in order to impart the knowledge of modern global trends in Engineering and Technology.

About the Conference

International Conference on Advances in Engineering and Technology: **ICAET2023** is organized by the Government Engineering College, K R Pet. The main aim of this conference is to create a platform to meet all the creative minds of Post Graduates, Research scholars, experts, industrialists and other eminent personalities who may explore their ideas and research works in the areas of Engineering and Technology. Mainly the conference focuses on the following trends in Engineering:

Computer Science and Engineering:

i)Advanced Computer Networks, ii) Algorithms and data structures, iii) Automata Theory, iv) Big data , v) Computational Science and Applications, vi) Cryptography, vii) Data Mining, viii) Artificial intelligence and information system, ix) Devops Models, Practices, challenges, Information Theory, x) Internet of things, xi) Natural language processing

xii) Probabilistic computation, Program Semantics and Verification

Electronics and Communication Engineering:

i)Artificial Intelligence and Information Systems, ii) Wireless antennas iii) VLSI Design iv) Optimization Techniques in MIMO Radar Systems, v) Electronics and communication circuits and systems, vi) Robotics, Power system controls and Industrial automation, vii) Signal Processing, Image Processing and Speech Processing techniques

Mechanical Engineering:

i) Shape Memory Polymers , ii) Processing, characterization and testing of Engineering Materials , iii) Robotics and automation, iv) Computational fluid dynamics , v) Design in Mechanical Engineering, vi) Fluid mechanics vii) Heat transfer and its applications, viii) Dimensional analysis, ix) Vibrations in Mechanical structures, x) ANN, DOE, CCD Techniques applied to Mechanical Engineering, xi) CAD/CAM/CIM/CNC/DNC and Machining of metals, welding technologies, 3D printing and xii) Production technologies

Civil Engineering:

i) Urban design, ii) Advance Construction Techniques, iii) Earth resistance techniques, iv) Fiber Reinforced Concrete, v) Solar Building, vi) Hydrology, vii) Submerged Floating tunnels, viii) Pavement Design, ix) Nano Technology In Civil Engineering, x) High performance Concrete, xi) Geotextiles, xii) Green Concrete xiii) Solar Energy and others.

Other topics related to Engineering and Technology

Who can Participate and Publish

Research Scholars, PG scholars and Industrial experts and research scientists from premier research institutes who can share their expertise in the relevant research field in the form of presentation and publication. Research, Reviews and other upcoming technological articles in the field of Engineering and Technology are welcome

Chief Patrons

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Publication and Presentation Details

All presented papers will be published in the journal “**Journal of Emerging Technologies and Innovative Research**”, (ISSN: 2349-5162) (**UGC Approved: No.63975**) with **free of cost**. All the authors will be issued with hard copy Certificates along with conference proceedings.

Delegates	Indian (Rs.)	Foreign
PG/Research Scholar	1000.00	\$ 13
Academicians, Industrial expert, Research Institutes	1500.00	\$ 19

Account type: Savings Bank Account

A/c holder Name: **Principal**, Government Engineering College, K R Pet -571426, Mandya District

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Bank: State Bank of India, K R Pet Branch

IFSC: **SBIN0040039**

Important Dates

Last date for abstract submission	April 5th 2023
Last date for Camera ready paper submission	April 10th 2023
Conference date	April 12th and 13th 2023

All abstracts, camera ready papers and Scanned copy of fee paid receipt must be send to:

icaet2023@gmail.com

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