

ABOUT APSCE

The APS Educational Trust, with a proud legacy spanning 89 years of dedicated service in the field of education, operates a network of schools, pre-university institutions, and degree colleges. This trust is led by accomplished individuals in the academic realm who are deeply committed to the betterment of society. In Bangalore, APS is synonymous with delivering high-quality education, and the college represents a significant stride forward in upholding this tradition. With such a formidable reputation, the teaching staff at APS College of Engineering spares no effort in their pursuit of academic excellence. Established in 1997 by the APS Educational Trust, this institution is a private co-educational Engineering and Management college located in Bangalore, India and is affiliated with VTU.

ABOUT MAHER

Meenakshi Academy of Higher Education and Research (MAHER), a Deemed to be University, is a multidisciplinary institution that strives towards societal upliftment by providing world-class education. Established in the year 2004, the institution has made remarkable strides in various spheres and has attained the distinction of being a premier institution in higher education. MAHER is currently headed by the Chancellor, Mrs. R.Gomathi and the Pro-Chancellor, Mrs. Jayanthi Radhakrishnan, who have imbibed the values and commitment advocated by the Founder Chancellor of MAHER (Late) Thiru A.N Radhakrishnan, the visionary architect of this magnificent institution. The fact that MAHER is currently ranked 16th in the National Institution Ranking Framework under the dental category reflects the institution's commitment in maintaining high standards of education. MAHER has also received the international accreditation of ISO 21001:2018 for the Education Organization Management System adopted in the institution. MAHER's commitment towards research excellence is evidenced by its complete funding of patent/IPR processes, generous publication incentive schemes for the faculty and abundant research opportunities/recognitions for the students. This conference is yet another endeavour by MAHER towards fostering research culture and promoting research excellence among the students and faculty members.

ABOUT SIKSHA 'O' ANUSANDHAN

Siksha 'O' Anusandhan (SOA) is a distinguished private deemed university located in Bhubaneswar, Odisha, India. Established in 1996 as the Institute of Technical Education and Research (ITER), SOA has evolved into a prestigious institution with nine accredited schools and colleges. The university offers a wide range of nationally accredited programs, including Engineering, Medicine, Pharmacy, Business, Nursing, Biotechnology, Science, Humanities, Environment, Nano technology, Materials science, Agriculture, and Law with a student body of around 15,000, SOA's campuses span 127 acres in Bhubaneswar. Recognized by the University Grants Commission (UGC) in 2007 as a Deemed to be University, SOA achieved Category-I Graded Autonomy Status in 2022 and SOA University has been ranked at 15th position by NIRF 2023. Highlighting its dedication to providing high-quality education and fostering a dynamic learning environment. Experience academic excellence and innovation at Siksha 'O' Anusandhan University, where students are prepared to become leaders in their respective fields.

ABOUT THE CONFERENCE

The conference, titled "Mechanical Solutions for Healthcare: Bridging Engineering and Medicine," is a national gathering that spotlights recent advances in materials and their applications in medical sciences. This event serves as a platform for presenting cutting-edge research and technological progress in the fields of materials, manufacturing, design, and automation. By integrating innovative materials from mechanical engineering with the expertise of medical professionals, this interdisciplinary collaboration propels advancements in healthcare, with a specific emphasis on their relevance to the medical field.

- Bioinspired materials, Nanomedicine, and Nanodiagnostics
- Novel materials and their applications in Dental Science
- Materials for tissue regeneration and processing of biomaterials into complex 3D structures
- Additive manufacturing of biodegradable scaffolds (metallic, polymeric and composites) for tissue engineering (bone, cartilage, skin)
- Translational healthcare materials and clinical challenges
- Hybrid and composite materials in the health sector, surface coatings, and thin film applications in surgery, simulation, and modeling of materials design

PAPER SUBMISSION & GUIDELINES

The full length paper be limited to a maximum of six pages, should reach the organizing secretary on or before last date to gnanadeepaaps.me@gmail.com The full length paper should include the title, author (s) name, affiliations, e-mail ID & phone number. The Manuscript will be accepted only after thorough scrutiny and peer review. The results previously published or presented should not be sent. The accepted full papers will be published in conference proceedings with ISBN number. Prizes will be awarded for Best paper and oral presentation .

IMPORTANT DATES

- Call for abstracts : 25th November 2023
- Acceptance Notification : 1st December 2023
- Last dates
- Submission of full length Paper : 4th December 2023



A P S College of Engineering

**Meenakshi Academy of Higher
Education and Research (MAHER)**

**SIKSHA 'O' ANUSANDHAN
Deemed to be University**

Jointly Organizing

National Conference

on

**MECHANICAL SOLUTIONS FOR
HEALTHCARE: BRIDGING ENGINEERING
AND MEDICINE**

9th December 2023

Organized by :

**Department of Mechanical Engineering
APSCE, Bangalore**

CHIEF PATRONS

C A Dr. Vishnu Bharath A S

President, APSET, Bangalore

Dr. Jayanthi Radhakrishnan

Pro-Chancellor, MAHER, Chennai

Prof. Amit Banerjee

Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

PATRONS

Prof. A Prakash

General Secretary, APSET, Bangalore.

Prof. S. C. Sharma

GC Chairman APSCE, Vice President APSET Bangalore

Prof. Pradipta Kumar Nanda

Vice Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

ADVISORY COMMITTEE

Dr. Rajasimha A Makaram

Professor, JAIN University

Dr. Hari Prasad

Professor, JAIN University

Dr. Channappa B Akki

Registrar, IIIT, Dharwad

Dr. Nagabhushan S V

Associate Professor, BMSIT&M Bangalore

Dr. Amar Shankar

Associate Professor, JAIN University

Dr. Adarsh A

Professor, JAIN University

Dr. Rekha B Venkatapur

Professor & Head, DCSE, KSIT, Bangalore

Dr. Veena R S

Associate Professor, DSATM, Bangalore

Dr. Pradeep N E

Professor, Christ University, Bangalore

Prof. Renu Sharma

Professor, SOA

Dr. Saroj Acharya

Professor, SOA

ORGANIZING CHAIR

Dr. D G Anand

Principal, APSCE, Bangalore.

CONVENER

Dr. Ravi Kumar

Training & Placement Officer, APSCE, Bangalore

Dr. Rajasekar K V

Dean, MMCHRI, MAHER

Dr. Seshadev Sahoo

Associate Professor, SOA

ORGANIZING SECRETARIES

Dr. K.S.Anand

Professor & Vice Principal, APSCE

Dr. A Hareesh

Professor & HOD, Mechanical Engg, APSCE

Dr. Sanjana M.R

Assistant Registrar, MAHER

ORGANIZING COMMITTEE

Dr. Ponnazhagan

Assistant Professor, MMCHRI, MAHER

Prof. Anupama BS

Assistant Professor, APSCE

Dr. Bommanna K

Assistant Professor, APSCE

Prof. Satyabodh Raichur

Assistant Professor, APSCE

IMPORTANT DATES

Call for abstracts : 25th November 2023

Acceptance Notification :

1st December 2023

Last dates

Submission of full length Paper :

4th December 2023

REGISTRATION FORM



REGISTRATION FEE

Industry Delegates: Rs. 500/-

Delegates from Academia: Rs. 250/-

Research Scholars/PG Students: Rs. 250/-

Under graduation Students: Rs. 100/-

Amount can be transferred by following A/C through NEFT/IMPS

PAYMENT DETAILS

Bank Name: State Bank of India

Branch: Kaggalipura

A/C Type: Savings

A/C Holder: Principal APS College of Engineering,

A/C Number: 6 4 0 7 6 5 0 2 3 0 4

IFSC Code: S B I N 0 0 2 1 7 3 4

COORDINATOR

Kindly communicate to below listed co-ordinators for further details or mail us at :

gnanadeepaaps.me@gmail.com

Prof. Anupama B.S - Ph: 9538959876

VENUE

Seminar Hall,

APS COLLEGE OF ENGINEERING

Somanahalli, Kanakapura Road, Bangalore-560082

Karnataka

FOR MORE DETAILS

Visit : www.apsce.ac.in