



ICSE 2023

3rd International Conference on Sports Engineering



2nd - 4th November 2023

VENUE

**BITS Pilani-Pilani Campus,
Rajasthan, India**

ORGANIZERS

ICSE 2023 is jointly organized by **Sports Engineering association (SEA) India**, and **Birla Institute of Technology & Science, Pilani**, under the auspices of the **Ministry of Youth affairs and Sports, New Delhi**, with technical support from **International Sport Engineering Association, UK (ISEA)**.

CENTRAL THEME

Engineering Application and Sports Performance

RESEARCH TRACKS

Computational: Sports data analysis, Biomechanical Signal Processing, Human-Computer Interaction, Artificial intelligence, Machine learning, Match and technique analysis, Coding and app development, Predictive analytics, Sports statistics, Computer vision AI-ML for Sports; Image and video Analysis, Sporting action recognition, Internet of things etc.

Analysis and modelling: CFD, FEM, Aerodynamics, Thermodynamics and heat transfer, Modelling of sports equipment, Motion analysis, Testing of sports equipment, Performance measurement, Image and video Analysis, Sporting action recognition, Machine learning, Match and technique analysis etc.

Design and development: Sports equipment, Wearable devices. Synthetic sports flooring/surfaces, Coding and app development, Sports attires, Sports shoes, Training equipment, Sports facilities, Synthetic sports flooring, Sports teaching aids, Equipment for para athletes etc.

Sports Performance: Technology in sports training & performance, Talent identification, Injury prevention, Sports nutrition & technology, Computers in sports Psychology, Sports fitness, Sports management, Application of advanced tools in performance tracking etc.

CALL FOR PAPERS

We invite original research work in all Engineering, Technology or Data science applications in sports and Scientific analysis or application oriented research in sporting domain for the conference. All accepted abstracts with author registration will be published in ICSE-2023 proceedings and these proceedings shall become part of the ICSE Science and Technology series.

Abstract may be submitted immediately or at any point until abstract submission deadline. Submissions made electronically using [Abstract Submission Link](#) are only acceptable. Acceptance are communicated on-going basis.

BEST PAPER AWARDS

Each Track will have First and Second Best paper cash award of ₹15,000 and ₹10,000 respectively.

STUDENT DESIGN AND HACKATHON CONTEST PRIZE

The 1st, 2nd, 3rd, and 4th position for student design contest winners will receive certificate and cash award of Rs. 25,000, 15,000, 10,000 & 5,000 respectively.

PRE-CONFERENCE WORKSHOP

Pre-conference workshop shall be organized on the first day of the conference. The Workshop shall cover hand-on on latest developments in sports training, performance measurement and enhancement.

JOURNAL PUBLICATION

Reputed publication houses like: Materials Today Proceedings (Elsevier), IOP Conference Series: Materials Science and Engineering (IOP Publishing), European College of Sports Science Journal are approached for publication of conference papers. ICSE-2023 Journal publication committee can be [contacted for more details](#).

RESEARCH METHODOLOGY

To promote quality research in the area of Sports Engineering and Science in India, an on-line session on "Research Methodology in Sports Engineering" will be organized in the month of February 2023 for the students and budding researchers. This session will be addressed by accomplished researchers and entrepreneurs from around the globe. It will cover Cutting edge on-going research works at various Universities. Scholarship options, Study abroad, Internship opportunities and scope of Higher studies in sports engineering will also be deliberated. The session will also cover Scientific communication skill, Modern aspects of research methodology and tools like Bibliometric, as well as Literature survey and Data gathering methodology in sports engineering. Date of the workshop will be intimated to the registered participants soon.

Register right away and free for the Research Methodology workshop: [Research Methodology workshop](#)

REGISTRATION

	By 1st Oct 2023		After 1st Oct 2023	
	India (₹)	Foreign (US \$)	India (₹)	Foreign (US \$)
Delegates	5000	200	6000	250
Students	3000	150	4000	200

-A group of students (>5) can request for concession

-Faculty who don't get financial assistance from their colleges can write to the organizer for special concession

-Bulk Registration: (College authorities can contact ICSE-2023)

-Delegates from SAARC Countries can avail Indian rate

Registration charges include conference kit, admission to workshops and Key note addresses, Penal discussion, 3 working lunch, and welcome dinner. Accommodation is not included in registration charges.

Scan QR & Pay online to Register



IMPORTANT DATES

All deadlines refer to Indian Standard time, that is 5 hours & 30 minutes ahead of GMT.

Conference Dates: **02 – 04 Nov 2023**

Abstract submission last date: **15 Sept 30 Sept 2023**

Notification for accepted abstract by: **1 Oct 2023**

Last date for registration: **2 Oct 2023**

Submission of full paper will be asked once abstract accepted for publication by the journals

IMPORTANT CONTACTS AND LINKS

- Conference Home Page: <http://icse.sportsea.org/>
- Abstract Submission: <https://forms.gle/a9wHWuV2vVbxKVsn6>
- General Queries Email: sportsengineeringindia@gmail.com
- Surface Mailing Address: SEA office, Room No. 2103, BITS Pilani, Rajasthan-333031 (INDIA)

SPONSORSHIP

ICSE-2023 and associated events will be a unique opportunity for business houses and Government agencies to showcase their products and services. The congregation will provide opportunity to network with decision makers at various Universities across India and also Sport's governing body members. The Pan-India student design contest, as part of the conference, will also be closely watched by technical campuses all over India.

Feel free to contact us for further details at:

sportsengineeringindia@gmail.com Mob: +91-9636575446

ACCOMMODATION

Student Accommodation:

Limited number of accommodations in Boys' and Girls' Hostel are available for accommodation of student delegates of the conference on first come first serve basis. These can be offered free of charge for full time student participants from other Indian Universities for 3 nights during the conference and is based on early registration. Dinner and Breakfast coupons at nominal charges can also be provided. Make specific request for the same during registration payment and you will be communicated confirmation message for the hostel accommodation.

Delegates Accommodation:

In and around Pilani (Rajasthan) there are a number of Hotels, Guest houses and Heritage *Havelies*. Delegates can find suitable accommodation of their choice and need. The Conference organizing committee maintains an updated list of such accommodations and their contacts who have track record of hosting Institute guests. Make specific request for the same during registration payment and you will be shared with the accommodation options along with special conference discounted price list. There is also limited accommodation available within the university campus.

BITS PILANI CAMPUS

You can expect to find a very pleasant cold and dry climate at BITS Pilani during November with day and night time temperatures around 30°C and 16°C respectively. The campus has beautiful monuments, water body, museum etc. and is itself a tourist attraction. There are well-endowed conference rooms, playgrounds and other facilities within campus. Pilani is a small educational township with many schools and colleges. By road, it is about 200 km west of New Delhi, the capital city of India, and 225 km north of Jaipur, the capital city of Rajasthan. Pilani is connected by good road and rail links with both the metro cities with International Airports. Public transport buses ply at regular interval from ISBT New Delhi and Sindhi Camp Jaipur. Taxies on hire from these cities or nearby other cities to Pilani or return are available aplenty. These days' bookings can be made using various popular cab hiring apps. The nearest railway station from University campus are Chirawa (CRWA) about 18 km and Loharu (LHU) about 23 km. that connects with Jaipur and New Delhi respectively.

Some Pictures from BITS Pilani Campus

