



# Sports Engineering Association

*An association for the promotion of sports technology in India*

CIN: U92410RJ2019NPL063817

(Established in 2019| License. No. 113841)

Date: August 29, 2022

## (fourth Annual General Body Meeting of SEA)

Date: August 18, 2022

Time: 3:00 pm to 05:00 pm

Venue: BITS Pilani, Rajasthan, India

Minutes of the FOURTH Annual general body meeting of **Sports Engineering Association (SEA)** held on August 18, 2022, at 3:00 PM at the Civil Engineering Meeting Room, BITS Pilani Rajasthan, India.

SEA has **FIVE** founding Directors, **THIRTY SIX** Lifetime Members, **EIGHT** Annual Members and **SIX** Student Members.

### FOUNDING DIRECTORS

Mr. Suravaram Kumar Anil  
Mr. Shiv Prakash Singh  
Dr. Mani Sankar Dasgupta  
Dr. Pintu Modak  
Dr. Rajesh Prasad Mishra

### LIFETIME MEMBERS

Mr. Rehan Sumar  
Dr. Subir Debnath  
Dr. Lakhminder Singh Dhindsa  
Dr. Lalit Sharma  
Dr. Gulab Sing Ruhul  
Dr. Dibyendu Narayan Acharya  
Dr. Vishwanatha C N  
Dr. Rina Punia  
Dr. Arindam Biswas  
Dr. Pramod Singh  
Dr. Sambhu Prasad  
Capt. G S Manral  
DR. K P Venkatesh  
Dr. Arun Singh  
Dr. Dipaloy Datta  
Mr. Vikas Kaushik  
Dr. Suvanjan Bhattacharyya

**Dr. Abhijit Digalwar**  
**Mr. Alok Sharma**  
**Dr. Faisal Fayyaz**  
**Mr. Prasad Salian**  
**Mr. Chiranjibi Nayak**  
**Dr. Dharmendra Singh Narwaria**  
**Ms. Supriya Ghadwal**  
**Dr. Ajay Singh Shekhawat**  
**Dr. Bhavesh Verma**  
**Mr. Anil Anand**  
**Ms. Sanchita Sanchita**  
**Dr. Yashvardhan Sharma**  
**Dr. Rahul Tiwari**  
**Mr. Raghu G M**  
**Dr. Bhabani Das**  
**Dr. Gagan Deep Meena**  
**Dr. Ambrish Maurya**  
**Dr. Arijit Putatunda**  
**Dr. Chetan Kumar Hirwani**

### ANNUAL MEMBERS

Mr. Anthony Apparailly  
Mr. Rohit Nagarajan  
**Dr. Awadhesh Kr. Shirotriya**  
**Mohamed Prince M**  
**Mr. Sainath Bitragunta**  
**Mr. Rajinikumar Palaniyappan**  
**Mr. Abhijit Thander**  
**Mr. Kaustuv Ray**

### STUDENT MEMBERS:

**Mr. Manas Patil**  
**Mr. Venkatakrisnna Karthik**  
**Ms. Manveer Sidhu**  
**Mr. Vikas Singh**  
**Mr Pranav Nair**  
**Mr. Prasanth V V**

**Note: Names in bold joined after March 2021**

## **FOLLOWING MEMBERS WERE PRESENT IN THE MEETING**

Mr. Suravaram Kumar Anil	Dr. Vishwanatha C N
Mr. Shiv Prakash Singh	Dr. K P Venkatesh
Dr. Mani Sankar Dasgupta	Ms. Sanchita Sanchita
Dr. Rajesh Prasad Mishra	Dr. Bhavesh Verma
Dr. Subir Debnath	Mr. Raghu G M
Dr. Abhijit Digalwar	Dr. Rahul Tiwari
Ms. Supriya Ghadwal	Dr. Pintu Modak
Dr. Suvanjan Bhattacharyya	

### **4.1**

Shri Mani Sankar Dasgupta welcomed all members and briefed everyone about the genesis of the Sports Engineering Association and urged all members to give their best to achieve the objectives of the Association. He also introduced the lifetime members and all new members.

### **4.2**

Shri Shiv Prakash Singh was proposed by Shri Mani Sankar Dasgupta as a Chairperson for the meeting and unanimously accepted by all members presented in the meeting while Shri Suvanjan Bhattacharyya was proposed as a keeper (ad hoc) of the Minutes for proceedings of the meeting, which was accepted by one and all. Shri Pintu Modak with the permission from the Chairperson presented the agenda for the meeting which was adopted.

### **4.3**

Shri Pintu Modak presented the reports of SEA.

#### **The following activities of SEA were reported**

4.3.1 Two International webinars on 20<sup>th</sup> Jan & 16<sup>th</sup> April 2022 were organized successfully covering important scientific topics on sports Engineering & Technology delivered by reputed speakers from India and abroad.

4.3.2 A Five-day online certificate course on sports engineering (level-I) was successfully conducted online, first time such event in India, during 27-31 May 2021. 31 participated.

4.3.3 A National online seminar on "Sports Engineering Technology & Management" Organized by Dr. Vishwanatha C N, Director-Physical Education R V College of Engineering, Bengaluru & member of SEA on 11/08/2021.

4.3.4 A national live seminar "Concepts and Design of Sport Surfaces" was organized by Dr. Vishwanatha C N, Director-Physical Education R V College of Engineering, Bengaluru & member of SEA on 31/08/2021

4.3.5 The 2nd International Conference on Sports Engineering was successfully held during 3-5 March 2022 at Jodhpur.

4.3.6 Sponsorship for the 2nd International Conference on Sports Engineering

The sponsors of the conference are acknowledged and appreciated as without their generous supports the conference could not be organized very successfully.

- The Secretary, Ministry of youth affairs and Sports, New Delhi : Rs 10 Lakhs
- Mr Shiv Praksh Singh, M/S Shiv Naresh Sports, (Momentos for the chief Guest and dignitaries in the conference and cash awards for all India open contest)
- Mr Anil Anand, Kistler Instruments India Pvt. Ltd. : Rs. 3Lakhs
- Mr Chiranjibi Nayak, Qualisys AB: Rs 3 Lakhs
- Prof Jonathan Shepherd, the President, ISEA, England : Rs. 191,971.39 (1977.50 in pound) for best paper award

4.3.7 MEMORANDUM OF UNDERSTANDING for mutual cooperation signed between the SPORTS ENGINEERING ASSOCIATION, India (SEA) and the International Association of Physical Education and Sports Thailand was Incorporated, on 12th June 2021

4.3.8 MEMORANDUM OF UNDERSTANDING for collaborative research was signed between the SPORTS ENGINEERING ASSOCIATION, India (SEA) and WOOL RESEARCH ASSOCIATION (WRA), Thane Mumbai on 29th Jan 2022.

4.3.9 MEMORANDUM OF UNDERSTANDING signed between BITS Pilani and SAI, New Delhi on 18th July 2022

4.3.10 Students of BITS Pilani are working on some minor projects in collaboration with SAI.

4.3.11 A National Workshop was conducted successfully on 18th August 2022 at BITS Pilani. The science teachers from schools in Pilani including SEA members have attended the workshop while 6 of our members (SEA) and a professor from IIT Jodhpur, Rajasthan have delivered the presentation at the workshop.

#### 4.4

4.4.1 Shri Rajesh Kumar Misra presented the financial report

The details given here as per the bank statement.

Financial year Statement- 1/4/2021 to 31/3/2022

Opening Balance: - 1,47,179.94 (1/4/2021)

Total Credited amount = 22,51,941.61

Total Debited amount = 12,38,684.00

Closing Balance: - 11,65,618.55 (31/3/2022)

Closing Balance = 6,77,849.00 (18/8/2022)

The Chairperson suggested to maintain standard format accounting by appointing a qualified person.

*Prepared after the meeting and circulated here with:* The details of the debit and credit transactions are listed in appendix from 1/4/21 to April 31<sup>st</sup> 2022 (from the 3rd annual meeting to 4th Annual Meeting). Please note that most of the account transactions for the major activity of International conference were settled in the month of April 2022.

## 4.5

### 4.5.1 Suggestions and queries received from our members by emails

#### Dr. Arun Singh: **Process and procedure adopted during organization of National and International Conferences organized by SEA**

- If Dr. Arun Singh has any specific plan for organizing a National conference or any other suggestion, the same can be proposed. Based on the merit of the proposal SEA will extend help / assistance.

#### Dr. Dharmendra Singh: **Must plan for increase of member in Association**

- This is deemed an important issue, all members concurred that a mechanism to increase number of members in the association to be devised
- Shri Suravaram Kumar Anil suggested that every member should try to bring atleast one member every year. Also to enhance student activities.
- Public engagement and communication will improve visibility of activities of the association may also help us increasing number of members join the association.
- Publishing a newsletter at regular interval highlighting the activities and member benefits may also attract people to become members.
- Shri Mani Sankar Dasgupta suggested to plan doing dissemination sessions visiting various NITs and IITs in a targeted way to increase Lifemember count from Engineers.
- Shri Mani Sankar Dasgupta also suggested increasing subscription from Rs 7,000/- to Rs. 10,000/- for Life membership from September 2022

#### Dr. Lalit Sharma: **Taking Project to develop indigenous equipment and Sports analysis system**

- Some faculty and students at BITS Pilani are involved in some projects and it is also planned to visit The national coaching center for interaction with the coaches to understand the areas to work, this should eventually help the cause.
- Shri Shiv Prakash Singh suggested to develop testing facility (Quality assurance labs) for sports goods and equipment and product certification in a line of the International Organization for Standardization (ISO). Proposal can be submitted to the Govt of India.
- He also suggested that we should try to sign MOU with federations like AFI.
- Intership for students from technical institutes is also suggested to undertake.

#### Dr. Gulab Singh Ruhai: **Terms and conditions for state chapter**

- Terms and condition for opening a state chapter was circulated to all members and requested for suggestions if any (appendix II) and the same was amended based on the inputs received.

- Shri Subir Debnath expressed his concern about using the pan card of SEA to open state chapter in a respective state. It is suggested to discuss this issue with the concerned bank and our CA.
- There is no requirement of registration with Central Govt for opening a state chapter.

The Meeting adjourned with a vote of thanks from Dr. Suvanjan Bhattacharya at 05:30 pm

Prof. M S Dasgupta

## Appendix 1

### Financial Report of SEA from 1<sup>st</sup> April 2021 to 17<sup>th</sup> August 2022

Date	Items	Debits	Credits	Remark
1/4/2021	B/F		152,360.94	Balance on 31/3/2021 in current account
	Life members (18)		126,000.00	
	Annual Member (7)		7,000.00	
	Student Members (6)		3,000.00	
	Conf. registration fee		166,929	
13/10/21	From FD		378,464.06	With interest
29/10/21	Qualisys AB		292,751.61	Sponsorship after trans.charge
12/10/21	Venue Adv. Installment 1	300,000.00		
14/1/22	Kistler		294,000.00	Sponsorship after trans.charge
24/2/22	Conference bags	10,000		
27/2/22	Venue Adv. Installment 2	300,000.00		
27/2/22	Printer purchased for office	16,569.00		
28/2/22	Cash withdr1 for conf.	60,000.00		local Conveyance & other expenses etc.
4/3/22	Venue Installment 3	307,862.00		
	Paper Award	175,000.00		
	Bill passed		988,976	*Received From BITS Pilani
	Hotel polo (for members)	167,410.00		
	Dinner program arrangement	43,039.00		
12/4/22	CA (Mr. Sumit Bagaria)	11,900.00		
	TA to David James	141,521.00		
	Canopy	38,710.00		
	Taxi	151,621.00		
16/5/22	CA Mr Sumit	8,000.00		
	Total	1,731,632	2,409,481.61	
	Balance			677,849.61 (till August 2022)

\*Rs. 10L from sports Ministry was transferred to BITS Pilani Bank account. Bill of 11024 was directly passed by BITS



**APPLICATION FORM  
FOR THE FORMATION OF STATE/ REGIONAL CHAPTER OF SEA, INDIA**

**To  
The President  
Sports Engineering Association (SEA) India**

We wish to form and register \_\_\_\_\_ (Name of the State/ Region) Chapter of SEA as per the information given below.

Proposed Name of the State/ Regional Chapter (English, all capital letter) \_\_\_\_\_

Proposed Names and current place of working (affiliation) and proposed office bearers of founding members:

**Founding Members' of the Chapter** (minimum 5 for State chapter while 2 for Regional chapter must be life member (L.M.) of SEA).

**DIRECTOR**

Name \_\_\_\_\_ L.M. number \_\_\_\_\_ Address \_\_\_\_\_

**DY DIRECTOR**

Name \_\_\_\_\_ L.M. number \_\_\_\_\_ Address \_\_\_\_\_

**SECRETARY**

Name \_\_\_\_\_ L.M. number \_\_\_\_\_ Address \_\_\_\_\_

**TREASURER**

Name \_\_\_\_\_ L.M. number \_\_\_\_\_ Address \_\_\_\_\_

**MEMBER**

Name \_\_\_\_\_ L.M. number \_\_\_\_\_ Address \_\_\_\_\_

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List of proposed office bearers with mailing address from the founding Members are also to be submitted along with this form.

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Undertaking

I do hereby solemnly affirm and state that:

- a) I am registered as a Life Member of SEA, India.
- b) I have gone through the entire guidelines for the formation of State/Regional Chapter of SEA, India.
- c) The information furnished in this form is true and correct to the best of my knowledge and belief.
- d) I also undertake to conduct free and fair elections to duly elect the office bearer of this state chapter periodically and informed to the parent association.
- e) I will maintain a separate Bank account and also maintain account of income, expenditure and asset register of the chapter

**Name and Signature of the Proposer/Applicant**

**Date:**

**Contact Details:**

**Mailing Address:**

**Mobile Number:**

**Email Address:**

## **GUIDELINES FOR THE FORMATION OF CHAPTERS, SEA, India**

*(the same guidelines will be followed for opening a new institutional chapter)*

1. The SEA, India (hence forth termed as HQ) shall have its chapters in different Regions, States and Union Territories. These chapters will be named after the States / U.T, for e.g.: The Rajasthan Chapter will be named as “RAJASTHAN Chapter of SEA, India”. The State Chapters will have Constitution similar to SEA, India and they will agree to abide by the rules and regulations of SEA, India.
2. The State Chapters will seek affiliation to HQ on payment of an affiliation fee Rs. 500/year, which will be fixed by the General Body (GB) of SEA, India from time to time. The fee will be payable from 2<sup>nd</sup> year of the formation of the chapters. every block year period of year starting with April – March (financial year). At the time of affiliation paying the subscription fee is not required. The subscription fee is only payable from the 2<sup>nd</sup> year of the formation and payments will be paid in the month of April of every year.
3. The Life members of SEA are only eligible to apply for opening Regional/ State/Union territory Chapters.
4. To form a new State chapter there must be at least five members (two for Regional Chapter), they will be called founding members of the chapter and all of them must register as Life member of SEA, India. This is pre-requisite to apply for a new chapter. Out of minimum five founding members, at least two members must be from engineering disciplines (minimum one out of two members for Regional chapter).
5. All founding members will have the right to vote in the GB meetings of the SEA, India. The principle of one-man one vote will apply.
6. A State/ Regional Chapter is encouraged to organize activities or events like Conference, Workshop, Training session, Projects, Contests etc. The chapters can submit financially viable proposals for such activities to HQ and a seed money up to 20,000/- (to be fixed by GB from time to time) can be sanctioned by HQ against such projects, subjected to availability of fund. The seed money is deemed returnable at the conclusion of the activity.
7. State Chapters play a crucial role in the fulfillment of SEA's mission. Chapters provide an opportunity for the professionals who work in the same state to meet, share ideas and experiences, develop strategies for improving and promoting sports engineering in their states / region.

### **Chapters engage in a variety of activities, including:**

- Organizing Conferences, Seminars, Workshop, Meeting etc. to promote sports engineering
  - Involving engineering faculty and students to connect their subject knowledge with sports
  - Educating members about importance of sports technology application in schools, colleges and sports departments.
  - Convening interest groups and task forces
  - Cooperating with other organizations how to facilitate affordable sports facilities in schools, colleges and sports department for making the right to play for all be successful.
8. The state chapters are very important to the national organization as coordinators and officers are an important channel for knowledge and information between the SEA HQ, its members at the local and regional level. The SEA Board members shall look to state chapter directors for suggestions for the future activities (e.g. new task forces, membership benefits, and issues to address), for feedback on ideas emanating from the Board, and for help getting information out to members.
  9. The State Chapters will have the same aims and objectives as that of the parent body. The chapters will use the same logo as parent body, along with the State/ Regional chapter name in all capital letter written at the



bottom, see sample below.



10. Subject to the rules and regulations of the SEA India, each Chapter shall be free to govern itself and for that purpose to make rules and regulations in accordance with the rules and regulations of SEA, India. Such rules and regulations shall be subjected to ratification by the GB of SEA, India.
11. The State Chapter will be managed by an Executive Committee consisting of Office Bearers, elected representative and ex-officio members. The head of the Chapter will be designated as DIRECTOR and not as PRESIDENT. A chapter must periodically (once in a year in the month of April) submit a report of its activities to the Headquarter (SEA, India).
12. The State / Regional chapter shall have the power to purchase, construct or acquire on lease or in exchange or hire or receive by gift or otherwise any real or movable property and any rights or privileges necessary for the purpose of the association and to improve develop, manage, sell lease, mortgage, dispose off, turn to account or otherwise deal with all or any part of the property of the State, Regional chapter.
13. Income of the State Chapter will be derived from: Admission fees, Annual or Life Membership fees as decided by the chapter. The chapter will make its own arrangement to collect the fees, donations and miscellaneous.
14. Chapters shall enjoy complete financial autonomy with regards to the funds collected by them. Each Chapter should make a provisional budget in advance and seek approval from its own general body. The state chapters are expected to optimally utilize the resources and it is desirable to send a periodic report about income and expenditure statement to the HQ. The Chapters shall utilize their funds only for the purpose of fulfilling objects of the SEA, India.
15. Each Chapter should have its own bank account, PAN, TDS number and 80G certificate. This should be communicated to the parent body as soon as the same becomes available. The parent body shall not share any financial liability. All tax matters will be the responsibility of the chapter. No proceedings would be permissible against office bearers of the parent body for the lapses of the chapters.
16. Audited accounts of the branch should be submitted every year to the HQ. These will be shown as “annexure” in the report of the SEA parent body. Failure to submit audited accounts for two or more consecutive turns without a valid and acceptable reason shall result in dissolution of the chapters. The names of auditors and bankers must be communicated to the HQ. The HQ shall reserve the right for external audit in case of complaints, if any.

**Signature of the  
Proposer/Applicant(With Name,  
Designation and L.M. Number)  
Date:**