



**ONE-WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
ARTIFICIAL INTELLIGENCE AND EMERGING
TECHNOLOGIES IN SPORTS SCIENCES, SPORTS
MEDICINE, AND HUMAN PERFORMANCE**

Organized by

**Amateur Sports Development Federation (ASDF)
Bangalore, Karnataka**

In Collaboration with

Banaras Hindu University, Varanasi, Uttar Pradesh

Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu

Joy University, Vadakankulam, Tamil Nadu

36 Contact Hours

Dates: 16-22 August 2026

Time: 2:00 PM – 8:00 PM (IST)

Mode: Online



About the FDP:

The One-Week International Faculty Development Programme (FDP) on Artificial Intelligence and Emerging Technologies in Sports Sciences, Sports Medicine and Human Performance is designed to empower educators, researchers, coaches, and healthcare professionals with cutting-edge knowledge and practical skills in AI-driven sports technologies. Through expert-led sessions, hands-on learning, case studies, and interactive discussions, participants will explore innovative applications of AI to enhance teaching, research, athlete performance, injury prevention, and sports healthcare. The programme also promotes global academic collaboration, innovation, and professional excellence.

Objectives:

- Understand AI fundamentals for Sports Sciences
- Apply AI Tools in teaching, coaching, and research.
- Explore wearable technologies and computer vision
- Recognize responsible and ethical AI practices
- Identify emerging technologies for sports and human performance

Learning Outcomes:

- Understand AI applications in Sports Sciences.
- Apply AI Tools for teaching, research, and coaching.
- Explore emerging technologies for athlete performance.
- Promote ethical and evidence-based AI practices
- Foster innovation and interdisciplinary collaboration

Target Participants:

Faculty Members, Research Scholars, Coaches, Sports Scientists, Physiotherapists, Healthcare Professionals, Industry Professionals

Program Highlights:

Sessions by National and International Experts, Live Demonstrations, Hands-on AI Tools, Case Studies, Interactive Q&A, Kahoot & Online Quizzes, Global Academic Networking, E-Certificate for Eligible Participants.

Key Topics to be Covered:

- Fundamentals of Artificial Intelligence & Machine Learning
- Generative AI in Sports and Education
- Wearable Technologies & Smart Sports Devices
- Sports Analytics and Performance Monitoring
- AI in Sports Medicine & Injury Prevention
- Computer Vision and Biomechanics
- Ethical AI, Data Privacy & Future Trends

Organising Committee Members

Patrons

Prof. Dr. Ajit Kumar Chaturvedi

Vice-Chancellor
Banaras Hindu University
Varanasi, Uttar Pradesh

Dr. S Narayanan

Vice-Chancellor
Kalasalingam Academy of Research
and Education
Krishnankoil, Tamil Nadu

Dr. Vaibhav Meshram

Vice-Chancellor
Joy University
Vadakankulam, Tirunelveli
Tamil Nadu

Dr. A. John de Britto

Pro Vice Chancellor
Joy University
Vadakankulam, Tirunelveli
Tamil Nadu

Dr. V. Vasudevan

Registrar
Kalasalingam Academy of Research
and Education
Krishnankoil, Tamil Nadu

Convener

Mrs. E. Radha

Founder & Director
Amateur Sports Development
Federation
Bengaluru, Karnataka

Co-Convener

Prof. Dr. (Captain) Vikram Singh

Professor and Head
Department of Physical Education
Banaras Hindu University,
Varanasi, Uttar Pradesh

Organising Secretary

Dr. Kasi Kamalakkannan

Director
Amateur Sports Development
Federation
Bengaluru, Karnataka

Organising Joint Secretaries

Dr. M. Murugan

Director of Physical Education
Joy University
Vadakankulam, Tirunelveli
Tamil Nadu

Mr. S. Chidambaram

Director of Physical Education
Kalasalingam Academy of Research
and Education
Krishnankoil, Tamil Nadu

Prof. Dr. B. Selvamuthu Krishnan

Director of Physical Education
CMR University
Bengaluru, Karnataka

Keynote Speakers



Prof. Dr. J. P. Varma

Emeritus Professor
University of Science and Technology
Meghalaya
Former Founder Vice-Chancellor,
Sri Sri Aniruddhadeva Sports
University, Assam



Dr. R. Kalidasan

The Registrar
Bharathidasan University
Tiruchirappalli, Tamil Nadu



Dr. Bibhu Kalyan Nayak

Director and Head
Sports Science Division
National Centre for Sports Sciences
and Research (NCSSR)
Sports Authority of India (SAI)
Delhi

Resource Persons



Dr. K. Usha Rani

Professor & Head
Department of Physical
Education & Health Sciences
Alagappa University
Karaikudi, Tamil Nadu



Prof. Madya Ts. Dr. Nan Bin Mad Sahar

Department of Electronic
Engineering
Faculty of Electrical and
Electronic Engineering
University Tun Hussein Onn
Malaysia (UTHM)
Malaysia



Prof. Dr. R. Mohanakrishnan

Director of Sports
Department of Physical
Education & Sports
SRMIST, Kattankulathur
Chennai, Tamil Nadu



Dr. Baskaran Chandrasekaran

Professor
Symbiosis School of
Sports Sciences
Symbiosis International
(Deemed University)
Pune, Maharashtra



Dr. Kaukab Azeem

Head Dept of Physical Education
& I/c Director of Sports
Central university of Kashmir
Kashmir



Prof. Dr. Siti Baitul M.

The Dean
Faculty of Sport Sciences
Universitas Negeri
Semarang
Indonesia



Dr. D. Prasanna Balaji
Principal
National College
Dindigul Road, Karumandapam
Tiruchirappalli, Tamil Nadu



Dr. Sunil G Purohit
Assistant Professor
Department of Sports Bio-Sciences
School of Sports Sciences MYAS-CURAJ
Central University of Rajasthan
Rajasthan



Dr. K. Jothi Dayanandan
Associate Professor
YMCA College of Physical
Education,
Chennai, Tamil Nadu



Dr. Garry Kuan
Associate Professor
Department of Exercise and Sports Science
School of Health Sciences
Universiti Sains Malaysia
Malaysia



Dr. Liying Yao
Associate Professor
School of Physical Education
and Sport Health
Guangzhou University
Guangzhou, China



Prof. Dr. Gopal Chandra Saha
Department of Physical Education &
Sport Science
Vinaya Bhavana, Visva-Bharati
(Central University)
Santiniketan, West Bengal



Prof. Dr. Captain T Onima Reddy
Department of Physical Education
Banaras Hindu University
Varanasi, Uttar Pradesh



Dr. M. Rajkumar
Professor and Head
Department of Physical Education
Bharathiar University
Maruthamalai Road
Coimbatore, Tamil Nadu



Ts. Dr. Muhammad Amirul Bin Abdullah
Principal Research Fellow
Sports Technology Innovation Centre (STIC)
Faculty of Manufacturing and Mechatronic
Engineering Technology
Universiti Malaysia Pahang Al-Sultan
Abdullah (UMPSSA)
Malaysia



Dr. Nurul Syuhadah binti Khusaini
Lecturer
Faculty of Mechanical
Engineering
Universiti Teknologi MARA
(UiTM)
Shah Alam, Malaysia



Dr. Syed Muzamil Basha
Professor
School of Computer Science &
Engineering
REVA University
Bengaluru, Karnataka



Dr. Sudhir Kumar Sharma
Associate Professor
Department of Physical
Education
Swarnim Gujarat Sports
University
Vadodara, Gujarat



Dr. U. Kumaran
Associate Professor
Department of Computer Science
and Engineering
Amrita School of Computing
Amrita Vishwa Vidyapeetham
Bengaluru, Karnataka



Mr. Suhrazz Sudin
Computing Group Lead
Sports Engineering Research
Centre (SERC)
Universiti Malaysia Perlis
Arau, Perlis, Malaysia



Dr. Shriram Pandey
Professor
Department of Library and
Information Science
Central University of Haryana
Haryana



Dr. Susilo
Assistant Professor
Sport Science and Health
Faculty
Universities Negeri
Jakarta, Indonesia



Dr. S. Srividhya
HOD & Associate Professor
Department of Sports &
Exercise Science
REVA University
Bengaluru, Karnataka



Dr. E. Sathish
Senior Software Engineer
Surgical Robotics
Hyderabad, Telangana



Dr. Sneha Diwekar
Head
National Sports Dentistry
Committee
Pune, Maharashtra



Dr. G. Nallavan
Associate Professor
Department of Advanced
Sports Training and Technology
Tamilnadu Physical Education
and Sports University
Chennai, Tamil Nadu



Er. N. Keerthika
Junior Research Fellow
School of Electronic
Engineering
VIT, Chennai, Tamil Nadu

Scan & Pay



Registration link



Payment Details

Account Holder: Amateur Sports
Development Federation
Current A/C No: 44889616623
Bank: State Bank of India
Branch: SME Branch, Hoskote
IFSC Code: SBIN0011293

Important Dates

Registration Open: 31st July 2026
Last Date for Registration: 14th August 2026
FDP Dates: 16-22 August 2026

Registration Fees

Faculty: INR 1,000
Research Scholars: INR, 750
International Faculty: USD 25

Contact

Dr. Kasi Kamalakannan
Organising Secretary
Mobile: +91 9443814158
Website: <https://asdfindia.org>
Email: directorasdfi@gmail.com