## INDIAN JOURNAL OF PHYSICAL EDUCATION, SPORTS AND APPLIED SCIENCES

ISSN 2229-550X (P) & 2455-0175 (O) **JOURNAL DOI-05.2016-44975451** 

### IMPACT FACTOR- 4.917 (SJIF) 5.013(IIJIF)

Volume 10	Number 1	January, 2020		
EDITOR-IN- CHIEF	<u>EDITOR</u>	SUB-EDITOR		
Dr. Rajkumar Sharma	Dr. Ashish Kumar Nigam	Devarshi Kumar Chaubey		
EXECUTIVE EDITORIAL BOARD				

- **Prof. Dr, Dilip K. Dureha**, Vice Chancellor, Laxmibai National Institute of Physical Education (Deemed University(, Gwalior (M.P.) India
- **Prof. Dr. Ravindra Kumar Yadav,** Department of Physical Education , Rani Durgawati Vishwavidhalaya Jabalpur (M.P.) India
- **Prof. Dr. Rajendra Singh,** Director & Head Department of Physical Education Jiwaji University, Gwalior (M.P.) India
- **Prof. Dr. S. K. Yadav,** Department of Physical Education D.A.V Vishwavidhalya, Indore (M.P.) India
- **Prof. Dr. Guru Dutt Ghai** Laxmibai National Institute of Physical Education (Deemed University(, Gwalior (M.P.) India
- **Prof. S. N. Sharma (Retd.)** Department of Physical Education, Punjab University, Chandigarh (U.T.) India
- **Dr. H.S. Atwal,** Department of Physical Education, Awdesh pratap university. University, Rewa (M.P.) India
- **Dr. R. K. Pathania,** Chief Coach, Sports Authority India, Netaji Subash National Institute of Sports, Motibagh, Patiala (PunJab) India
- **Dr. Vishal O Banne,** Assistant Professor, Department of Physical Education, Rani Durga Wati University, Jabalpur (M.P.) India
- **Dr. Gulbahar Khan,** Assistant Professor, Department of Physical Education, Noida College of Physical Education, Noida (U.P.) India.

#### **REVIEWERS**

- **Dr. Ravi Bhushan** Dr. Babasaheb Ambedkar University, Marathwada University, Aurangabad (Mharashtra) India
- **DR. Santosh Kumar Behera** Assistant Professor, Department of Education, Sidho-Kanho-Birsha University, Ranchi Road, Purulia, (West Bengal), India
- **DR. Baljit Singh Sekhon**, Dy. Director Sports & Head, Nagaland University -A Central University, (Lumami), India
- **Dr. Ramesh Chand Yadav** Lakshmibai National Institute of Physical Education, NERC, Tepesia, Sonapur, Guwahati (Assam) India
- **Dr. Vinay Pawar** Director of Sports, Shirpur Education Society Shirpur Dist Dhule (Maharashtra ) India
- **Dr. Harbans Lal Godara** Department of Physical Education, Kendriya Vidyalaya Sangthan (Govt. Of India )Lalgarh Jattan Sriganganagar (Rajasthan) India.

- **Dr. Sachin Sinha, Director,** Department of Oral Pathology and Microbiology, Narain Oral and Dental Care ,Malleshwaram, Banglore (Karnataka), India.
- **Dr. Jaishanker Yadav,** Associate Professor, Department of Physical Education, Dr. C. V. Raman University, Kota Road Bilaspur (Chhattisgarh) India
- **Dr. Sudhir Rajpal,** Associate Professor, Department of Physical Education, Dr. C. V. Raman University, Kota Road Bilaspur (Chhattisgarh) India
- **Dr. Yuwraj Shrivastav,** Assistant Professor, Department of Physical Education, Dr. C. V. Raman University, Kota Road Bilaspur (Chhattisgarh) India
- **Dr. Anil Kumar**, Assistant Professor, Department of Physical Education Shaheed Bhagat Singh Evening College, Shekh Sarai, Phase-II, New Delhi India
- **Dr. Vishwashambhar Jadhav,** Assistant Professor, Department of Physical Education, University of Mumbai (M.S.), India.
- **Dr. P. Satheeshkumar:** Department of Physical Education,Bharathidasan University, Tiruchirappalli (Tamil Nadu)
- **Dr.G.Kumaresan,** Associate Professor, Department of Physical education Bharathiar University, Coimbatore (Tamilnadu)

#### **CORRESPONDANCE ADDRESS:**

Dr. Rajkumar Sharma, Editor-in-Chief, 284/1, In front of Main I. T. I. Gate, Near Evergreen Nursery, Centre Koni, Bilaspur (CG) -495009 INDIA E-mail: sharmagym59@yahoo.co.in Wsbsite-www.sportscientistsviews.com

INDEXING AND IMPACT FACTOR BY RENOWED INSTITUTIONS SPACE Impact Factor (IIJIF) SJIF-4.917 (2016) Impact Factor- 5.013 (2016-17) nternational Institute For Research mpact Factor Journals (IFJ) **Impact. Factor-3.715 (2016-17)** Impact Factor-3.992 (2015-16) slide**share** JOURNALS IMPACT FACTOR iteFactor Academic Resource *Index* ResearchBib Directory of Science Digital Online Identifier - Database System Impact Factor-1.03 DOIJIF-3.71 (2015-2016) WorldCat<sup>®</sup> INDIANScience.in Indexed Turkish Education ADVANCED SCIENCE INDEX **ADVANCED SCIENCES INDEX** Indian Citation Index

NEXT ISSUE IS GOING TO RELEASE IN THE MONTH OF APRIL, 2020

**Aims & Scope :** The Indian Journal of Physical Education, Sports and Applied Sciences (IJPESAS) is a scientific printed and electronic journal established by Physical Educationist and Sports Scientist of India , publishing both research and review articles in the fields of sports and exercise sciences as well as Applied Sciences. IJPESAS also publishes: progress articles, case studies, technical articles, editorials, letters to the editor, abstracts from international and national congresses. IJPESAS is published quarterly in Jan., April, July and October. Supplemental issues are published according when needed.

IJPESAS is printed and electronic journal dedicated to promoting scientific knowledge in the multidisciplinary field of sports and applied sciences. According to policy of publishing and format of IJPESAS , the delay in the publishing process is minimal and IJPESAS is unique discussion panel for researchers in the field. IJPESAS covers all aspects of sports and applied sciences including kinanthropometry, sports medicine, biomechanics and biophysical investigation of sports performance, coaching & performance, motor control & learning, exercise physiology, sports nutrition & biochemistry, sports psychology, historical, philosophical and sociological perspectives of sport, management , sport law, physics, chemistry, zoology as the applied sciences etc.

Instructions for authors: Indian Journal of Physical Education, Sports and Applied Sciences is a broad quarterly journal that aims to bridge the gap between all professionals in the fields of sports sciences. The journal serves an international audience and is of interest to professionals worldwide. The journal covers major aspects of sports sciences - biomechanics, motor learning & control, sports medicine, Sports and exercise physiology, sport testing and performance, sports psychology, Sports Sociology, Sports Anthropometry, sports management, Physical Education, Yoga, other such subjects having inter-disciplinary perspective with specific application to sports and applied sciences etc.

The journal publishes original research utilizing a wide range of techniques and approaches, reviews, commentaries and short communications. Submission of Manuscripts. Authors are strongly encouraged to submit manuscripts in electronic files, emailed to the Editor-in-Chief, Dr. Rajkumar Sharma at e-mail address: <a href="mailto:sharmagym59@yahoo.co.in">sharmagym59@yahoo.co.in</a> or <a href="www.sportscientistsviews.com">www.sportscientistsviews.com</a> Each manuscript must be accompanied by a statement that it has not been published elsewhere and that it has not been submitted! simultaneously for publication elsewhere. Authors are responsible for obtaining permission to reproduce copyrighted material from other sources and are required to sign an agreement transferring the copyright to the publisher.

All accepted manuscripts, artwork, and photographs become the property of the publisher. Authors are asked to submit with the manuscript the names, mailing addresses, and e-mail addresses of the individuals that would be suitable independent reviewers.

# INDIAN JOURNAL OF PHYSICAL EDUCATION, SPORTS AND APPLIED SCIENCES

(Quarterly Publication)

**VOLUME 10, No. 1, January, 2019** 

S.	TITLE OF PAPER & AUTHORS	State / Country	PAGE
NO.			NO.
1	A COMPARATIVE STUDY ON LEVEL OF FLEXIBILITY AND	Karnataka	1-5
	STRENGTH ENDURANCE BETWEEN YOGA AND MALLAKHAMB		
	TRAINEES		
	Madhu G R and Sampath Kumar M		
2	CHANGES IN SPORTS FORMAT AND RISE IN INJURIES	Visakhapatnam	6-14
	Dr.Vennapu Lakshmana Rao and Prof. N. Vijay Mohan		
3	ASSESSMENT OF HEALTH RELATED PHYSICAL FITNESS AMONG	Chhattisgarh	15-20
	MIGRATED BOYS STUDENTS FROM NAXAL AFFECTED REGION		
	Suresh Singh Pawar and Dr. Jai Shankar Yadav		
4	ROLE OF YOGIC PRACTICES DURING LOCKDOWN	Maharastra	21-24
	Dr. Vishwambhar V Jadhav		
5	UNIVERSITY CLIMATE AND ITS RELATIONSHIP TO THE WORK	Diyala(Iraq)	25-30
	PERFORMANCE OF FACULTY MEMBERS IN THE FACULTIES OF		
	PHYSICAL EDUCATION OF THE UNIVERSITY OF BAGHDAD AND		
	MUSTANSIRIYA		
	Mohammed Fadhl Mosleh and WadadYousif		
6	THE COST OF A GOOD BODY: A QUANTITATIVE ANALYSIS OF	Karnataka	31-41
	FINANCIAL INVESTMENT IN MAINTAINING A HEALTHY		
	LIFESTYLE FOR CONSUMERS OF DIFFERENT SPENDING		
	CAPACITIES		
	Tarini Sarah Bakshi & Dishank Girotra		
7.	PHYSICAL EDUCATION AND SPORT A CAREER OPTION IN INDIA	Haryana &	42-48
	Gauri Shanker Sahu and Pardeep Kumar Panghal	Chandigarh	
8.	EFFECT OF SPECIFIC TRAINING ON PHYSICAL WELLBEING AND	Maharastra	49-53
	SCHOOL WELLBEING OF SCHOOL STUDENTS		
	Dr. Kishore J. Maru		
9.	IMPROVEMENT OF SPEED ENDURANCE IN KABADDI PLAYERS ON	Kerala	54-61
	DIFFERENT TRAINING METHODS		
	Dr.Bovas J		
	1		

#### **EDITORIAL**

I feel pleasure that the **Volume 10, N0.1, January, 2020** of "Indian Journal of Physical Education, Sports and Applied Sciences" from the state of Chhatisgarh is out for the readers. This issue of IJPESAS contains 08 research articles on important aspect of physical education, sports and applied sciences. The lead article by the young physical educationist are given below:

Madhu and Kumar (Karnataka) compared the level of Flexibility and the Strength Endurance among the Yoga and Mallakhamb trainees. Researcher concludes that there is a major difference in the selected variables. Yoga trainees have more Flexibilty than Mallakhanb and Mallakhamb trainees have more Strength Endurance than yoga trainees. Lakshmana Rao and Vijay Mohan ( Visakhapatnam) studied the changes in sports format and rise in injuries. The shortened and fast-paced formats of sports results in more frequent number of injuries on the field. The rise in injury rates and early burning out of players is attributed to hectic schedules and the need to play as many games possible to stay up in the rankings as also for the monies. Pawar and Yadav (Chhattisgarh) assessed the Health-related Physical fitness for migrated school boys students of naxal affected regions of Chhattisgarh. revealed that Significant differences existed among among the different age groups of boys students on of health related physical fitness components except modified sit-up component of physical fitness. Jadhav (Maharastra) expressed the role of yogic practices during lockdown. Yoga is an ancient Indian way of life, which changes the attitude of your mind and body, diet, and the practice of specific techniques such as yoga asanas, pranayamas) and meditation one can reach peak of their consciousness. In that sense, this situation is an opportunity for everyone to develop an all-round personality. Mosleh and Yousif (Iraq) identified the role of the university climate and its relation to the work performance of the faculty members of the physical education and sports science. The obtained results showed a positive relationship between the university climate and the work performance of the faculty members. Bakshi & Girotra (Karnataka) assessed the cost of a good body through quantitave analysis of financial investment in maintaining a healthy lifestyle for consumers. They indicated that The "cost of a good body" entails not just the upfront cost of the membership but also the added costs associated with a fitter lifestyle. Sahu and Panghal (Haryana & Chandigarh) reviewed the literature of physical education and sport a career option in India. They told that the Degrees, Diplomas, Certificate course in the field of physical education and sports beneficial for a wide range of career options in selected sports, health clubs, sports goods manufactures, sports marketing, commentator, sports journalism, trainer, teaching area, coaching area, publications, and many other similar options in both government and private sectors . Maru (Maharastra) find out the effect of specific training on physical wellbeing and school wellbeing of school students. He concluded in his research that Specific Training helped to improve Physical and School Wellbeing among school students of age 12 to 14 years. Bovas (Kerala) evaluated the effect of circuit training and interval training on change of Speed endurance in men Kabaddi playes in Kerala state. The results of the study revealed that the speed endurance improved in experimental groups in comparison to control group after a 10 weeks training programme.

> Dr. Rajkumar Sharma Editor-in-Chief