# INDIAN JOURNAL OF PHYSICAL EDUCATION, SPORTS AND APPLIED SCIENCES

ISSN 2229-550X (P) & 2455-0175 (0) **JOURNAL DOI-05.2016-44975451 IMPACT FACTOR- 4.917 (SJIF) 5.013(IIJIF)** 

Volume 7	Number 2	<b>April, 2017</b>
----------	----------	--------------------

**EDITOR-IN- CHIEF** 

**EDITOR** 

**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

### **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.in

# INDEXING AND IMPACT FACTOR BY RENOWED INSTITTUTIONS



NEXT ISSUE IS GOING TO RELEASE IN THE MONTH OF July, 2017

**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 March, June, September and December. 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.sportsscientistsviews.in">www.sportsscientistsviews.in</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 7, No. 2, April, 2017**

S.	TITLE OF PAPER & AUTHORS	State /	PAGE NO.
NO.	CELE EGERMANONG PARLY AROUS EGERME ARMY PEREGAME	Country	24.00
1.	SELF ESTEEM AMONG EARLY ADOLESCENT ATHLETES AND NON ATHLETES	Karnataka	01-09
	Chindu Mary Mathew ,Mrs. Anu Anns Pious,		
	& Dr. Sheela Rosalyn		40.4
2.	RELATIONSHIP OF SELECTED MOTOR FITNESS COMPONENTS	Chhattisgarh	10-15
	TO FIELD GOAL SPEED OF MALE UNIVERSITY BASKETBALL PLAYERS		
	Inder Kerketta & Dr. Ratnesh Singh		
3	EFFECT OF YOGASANAS AND SURYANAMASKAR ON SELECTED	Chennai	16-22
	PSYCHOLOGICAL VARIABLES AMONG COLLEGE MEN		
	VOLLEYBALL PLAYERS.		
	Dr. S.V. Arun		
4	RELATIONSHIP BETWEEN PASSIVE STRAIGHT LEG RAISING	Haryana	23-30
	TEST AND V SIT AND REACH TEST IN MEASURING THE		
	HAMSTRING FLEXIBILITY.		
	Pooja Attrey , Mukesh Yadav & Dr Sarita Singh		
5	EFFECT OF YOGIC PRACTICES ON EMOTIONAL AND MENTAL	Chhattisgarh	31-34
	ENHANCEMENT OF SPORTSPERSONS: AN EXPERIMENTAL	_	
	STUDY		
	Kapil Kumar Sahu & Dr. Sudhir Rajpal		
6	SURVEY ON BODY MASS INDEX AND WELLNESS OF VETERAN	Chhattisgarh	35-41
	SPORTS PERSON IN MEDINIPUR CITY		
	Amit Jana & Jai Shankar Yadav		
7	INVESTIGATION OF LEADERSHIP BEHAVIOUR AS	Uttar	42-47
	PREFERRED BY INDIAN FEMALE VOLLEYBALL PLAYERS	Pradesh	
	Harendra Singh		
8	A STUDY OF LOCUS OF CONTROL AT DIFFERENT LEVEL OF	Madhya	48-52
	CONFIDENCE OF UNIVERSITY LEVEL CRICKETERS	Pradesh	
	Dr. Ashish Kumar Nigam		
9	COMPARISION OF PERSONALITY CHARACTERISTICS OF MALE	Chhattisgarh	53-58
	AND FEMALE GYMNASTS OF CHHATTISGARH	- 6-	
	Ratin Jogi		
10	EFFECT OF YOGA TRAINING ON STRESS AND ANXIETY OF	M.P.	59-62
_	UNIVERSITY LEVEL MALE PLAYERS		-
	Kirti Kiran Ekka		

#### **EDITORIAL**

I feel pleasure that the volume 7, No. 1, January, 2017 "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:

Mathew, Pious, & Rosaly (Karnataka) compared the self-esteem among early adolescent athletes and non-athletes. The results showed the athletes have significantly higher self - esteem compared to non- athletes. Also, competitive athletes have higher self- esteem than recreational athletes. It was also found that there is no gender difference in self - esteem among early adolescent athletes. Kerketta & Singh (Chhattisgarh) investigated the relationship of selected motor fitness components to field goal speed of male university basketball players The results of the study indicates that there was significant relationship found in agility, reaction time (foot) and speed in correlation between field goal speed ability and there was insignificant correlation found between reaction time (finger) and field goal speed ability of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). Arun (Chennai) found the Effect of Yogasanas and Suryanamaskar on selected psychological variables among college men Volleyball players. The physiological variables like anxiety and negative feelings of Volley ball players found significant reduction due to Yogasanas and Suryanamaskar as compared to Control Group. The psychological variables like self concept and skill learning found significant improvement due to Yogasanas and Suryanamaskar. Attrey, Yadav & Singh (Haryana) established the relationship between the two of otherwise commonly used tests like passive straight leg raise(PSLR) and V-sit and reach(VSR) test results. The results of this study indicated a significant relationship between the VSR and SLR, for the right and left lower. Sahu & Rajpal (Chhattisgarh) find out the effect of one month vogic exercise program on positive mental health of male sportspersons. They concluded that one month yogic exercise program is beneficial for strengthening the positive mental health of male sportspersons. Jana and Yadav (Chhattisgarh find out the actual BMI and wellness of veteran sports persons aged above 60 year in Medinipur city area. They revealed that the veteran sports persons were not fully aware in term of wellness and BMI. and they were living not better healthy life style because of habitual of drugs and sleeping pills to remove emotional problems. Singh (U.P.) investigated the preferred leadership behaviour of Indian female volleyball players. He revealed that the national level female volleyball players preferred in greater amount of training and instruction followed by positive feedback, social support, democratic behaviour and autocratic behaviour from their coaches. Nigam (M.P.) assessed the locus of control at different level of confidence of university level male cricketers. The results of the revealed that the inter-university level male cricket players with different levels of self-confidence differed significantly in their internal locus of control. The players higher in self-confidence gave more importance to task-orientation and were more internally controlled. Jogi (Chhattisgarh) investigated the personality characteristics of state level gymnasts of Chhattisgarh. The results of the study revealed that that Female gymnasts of chhattisgarh state were found less psychotic in nature, more extroverted, less neurotic in nature and social desirability than their counter parts. Ekka (M.P.) investigated the effect of yoga training on stress and of university level male players. The results of the study reveled that Yoga training was found effective to reduce the stress and anxiety of university players belong to different games and sports

Dr. Rajkumar Sharma

Delaure

Editor-in-Chief