

SPORTS SCIENTIST VIEWS
IN
INDIAN JOURNAL OF PHYSICAL EDUCATION, SPORTS AND
APPLIED SCIENCES

(A Quarterly Scientific Research Referred Journal)

Editor-in Chief
Dr. Rajkumar Sharma

Editor
Dr. Ashish Kumar Nigam

Sub-Editor
Gulbahar Khan

ISSN 2229-550X

Issue

Volume 1

Number 2

April, 2011

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)
Pin-495009

E-mail: sharmagym59@yahoo.co.in

Aims & Scope : The Indian Journal of Physical Education, Sports and Applied Sciences (IJPEAS) 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. IJPEAS also publishes: progress articles, case studies, technical articles, editorials, letters to the editor, abstracts from international and national congresses. IJPEAS 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 kin- anthropometry, 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: sharmagym59@yahoo.co.in or Dr. Ashish Kumar Nigam at e-mail address: dr.aknigam@gmail.com The other contacts to the Editor include: phone: 092291-44090, 09826348748 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.

Volume1, N0. 2, April, 2011

CONTENTS

EDITOR' S PAGE

Original Papers

S. NO.	Title	Page
1.	Construction of Rating Scales for Forehand and Backhand Overhead Clear in Badminton Dr. S. K. Yadav	1-5
2.	A Study of Doctoral Dissertations in Physical Education and Sports Sciences in India Dr. R. K. Sharma	6-16
3	A Comparison of Leadership Behaviour of Inter-university and All India Level Female Volleyball Players Dr. R. S. Pawar	17-25
4	Investigation of Leadership Preferences of Inter-university Level Track and Field Athletes J. S. Yadav	26- 32
5	Investigation of Socio-economic Status and Participation Motives in Sports of Inter-university Level Players Dr. Ashish Kumar Nigam & Sachin Kosta	33- 41
6	A Study of Participation Motivation of University Student and Physical Activity Stages of Change Ashish Pandey & Aradhana Saxena	42- 52
7	Development of Physical Education in India and Thailand (siam): an overview Michael Bingamin Dhan	52-54

EDITORIAL

I feel pleasure that the volume 1, NO. 2 issue 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 six research articles on important aspect of physical education, sports and applied sciences. The lead article by the young physical educationist of India **Yadav**, professor at Devi Ahilaya Vishwavidhyalaya, Indore (M.P.) deals with the construction of rating scales for advance skills in the game of Badminton. The second research article by **Sharma**, Grade-I SAI Gymnastic Coach posted at SCC, Bilaspur (CG) has evaluated the doctoral Dissertations in physical education and sports sciences in India to know the present status of research in different applied sports sciences and different field of sports. Dr. Sharma concluded that as per previous work and on the basis of collected data, it was found that, research activities are increasing every year. We hope to see this trend continue in the years to come. For the benefit of the student and research scholars of physical education and sports sciences full text databases of PhD theses should be compiled by the universities through cooperative efforts. The third article by **Pawar** from Dr. C. V. Raman University, Kota-Bilaspur (CG) in their study title “A Comparision of Leadership Behaviour of Inter-university and All India Level Female Volleyball Players” concluded that Inter-university level women volleyball players preferred their coaches more on training and instruction followed by Positive feedback, democratic behaviour social support, and autocratic behaviour dimensions. Where as, the All India level women volleyball players preferred their coaches more on training and instruction followed by positive feedback, democratic behaviour, social support and autocratic behaviour) dimensions. In another article, **Yadav** from Bilaspur, Chhattisgarh reported that Inter-university level women volleyball players preferred their coaches more on training and instruction followed by Positive feedback, democratic behaviour social support, and autocratic behaviour dimensions. Where as, All India level women volleyball players preferred their coaches more on training and instruction followed by positive feedback, democratic behaviour, social support and autocratic behaviour) dimensions. **Nigam and Kosta** from Jabalpur, Madhya Pradesh investigated the socio-economic status and participation motives of male and female inter-university level players of different games and sports. The results of the study indicated that Inter-university level male players preferred more of skill development followed by achievement /status, others, fitness, team work, energy release, friendship and fun from most important to least important rank order and inter-university level female players preferred more of skill development followed by achievement /status, fitness, others, energy release, team work, fun and friendship from most important to least important rank order. Inter-university level male and female players of different games and sports expressed statistically insignificant difference in their socio-economic status. The last piece of research by **Pandey & Saxena** is the presentation of a study carried out to investigate the participation motivation of university student and physical activity stages of changes. This research indicated that all the five motives were found to differ across the stages of change. There were no significant differences between students who had taken the course and those who had not on the stages of change, self-reported physical activity. There were also no differences in the self-reported physical activity levels. **Dhan (Bodh Gaya)** Studied the Development of Physical Education in India and Thailand: A Philosophical Overview. Author expressed that human development is viewed through various dimensions, such as:-Curative and Preventive, Environmental. Physical, Mental, Spiritual, Social, Coordinational, Vocational, Emotional, Educational, Nutritional and Well-being dimensions



Dr. Rajkumar Sharma
Editor-in-Chief