

VOLUME 9 NUMBER 2 PAGE 185-368 August 2023

**Jurnal SPORTIF: Jurnal Penelitian Pembelajaran** is published three times a year in April, August, and December containing research papers in the field of sports. The focus and scope are educational sports, coaching sports, recreational sports, traditional sports, physical activity, sports biomechanics, sports pedagogy, sports physiology, and sports psychology.

---

***Editor in Chief***

M. Akbar Husein Allsabah, M.Or. (Universitas Nusantara PGRI Kediri)

***Peer Reviewer***

|  |                                       |
|--|---------------------------------------|
| Dr. Lim Boon Hooi                            | (University of Malaya)                |
| David Hideyoshi Fukuda                       | (University of Central Florida)       |
| Veronica Vleck, Ph. D                        | (University of Lisbon)                |
| José Luis Ubago-Jiménez                      | (Universidad de Granada)              |
| Tomasz Niznikowski                           | (Józef Piłsudski University)          |
| Jem Cloyd M. Tanucan                         | (Cebu Normal University)              |
| Prof. Dr. Agus Kristiyanto, M.Pd.            | (Universitas Sebelas Maret Surakarta) |
| Prof. Dr. M. E. Winarno, M.Pd.               | (Universitas Negeri Malang)           |
| Prof. Dr. Yustinus Sukarmin, MS.             | (Universitas Negeri Yogyakarta)       |
| Dr. Muhammad Muhyi, M.Pd.                    | (Universitas Adi Buana Surabaya)      |
| Dr. Fajar Junaedi, S.Sos, M.Si               | (Universitas Muhammadiyah Yogyakarta) |
| Kunjung Ashadi, M.Pd., AIFO.                 | (Universitas Negeri Surabaya)         |
| Agus Rusdiana, S.Pd., M.A., Ph.D.            | (Universitas Pendidikan Indonesia)    |
| Dr. Mirza Hapsari Sakti Titis P., S.Gz. MPH. | (Universitas Gadjah Mada Yogyakarta)  |
| Jusuf Blegur, M.Pd.                          | (Universitas Kristen Artha Wacana)    |
| Imam Safei, S.Pd., M.Or.                     | (Institut Teknologi Sumatera)         |
| Mesa Rahmi Stephani, M.Pd.                   | (Universitas Pendidikan Indonesia)    |
| Sri Sumartiningssih, S. Si., M. Kes., Ph.D.  | (Universitas Negeri Semarang)         |
| dr. Novita Intan Arovah, MPH., Ph.D.         | (Universitas Negeri Yogyakarta)       |
| Gustiana Mega Anggita, S. Pd. Jas., M.Or.    | (Universitas Negeri Semarang)         |

|                                    |                             |
|------------------------------------|-----------------------------|
| Yulingga Nanda Hanief, S.Pd., M.Or | (Universitas Negeri Malang) |
| Muhammad Imam Rahmatullah, M.Pd    | (Universitas Riau)          |

***Editorial Board***

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Gheorghe Balint                      | (Vasile Alecsandri University)        |
| Laura Dybal, Ph. D                   | (University of Montana)               |
| Iago Portela-Pino, Ph. D             | (Isabel I University)                 |
| Cristiana D'anna                     | (University of Salermo)               |
| Gheorghe Balint                      | (Vasile Alecsandri University)        |
| Jatuporn Phoemsapthawee              | (Kasetsart University, Thailand)      |
| Novri Gazali                         | (Universitas Islam Riau)              |
| Suesthi Maharani, M.Pd.              | (IAIN Salatiga)                       |
| Dr. Setyo Harmono, M.Pd.             | (Universitas Nusantara PGRI Kediri)   |
| Drs. Sugito, M.Pd.                   | (Universitas Nusantara PGRI Kediri)   |
| Dr. Setyo Harmono, M.Pd.             | (Universitas Nusantara PGRI Kediri)   |
| Dr. Wasis Himawanto, S.Pd., M.Or.    | (Universitas Nusantara PGRI Kediri)   |
| Ardhi Mardiyanto Indra P., M.Or.     | (Universitas Nusantara PGRI Kediri)   |
| Dhedhy Yuliawan, M.Or.               | (Universitas Nusantara PGRI Kediri)   |
| Dr. Budiman Agung Pratama, M.Pd.     | (Universitas Nusantara PGRI Kediri)   |
| Dr. Nur Ahmad Muharram, S.Pd., M.Or. | (Universitas Nusantara PGRI Kediri)   |
| Reo Prasetyo Herpandika, M.Pd.       | (Universitas Nusantara PGRI Kediri)   |
| Rizki Burstiando, M.Pd.              | (Universitas Nusantara PGRI Kediri)   |
| Wing Prasetya Kurniawan, M.Pd.       | (Universitas Nusantara PGRI Kediri)   |
| Weda, M.Pd.                          | (Universitas Nusantara PGRI Kediri)   |
| M. Anis Zawawi, S.Pd., M.Or.         | (Universitas Nusantara PGRI Kediri)   |
| Puspodari, M.Pd.                     | (Universitas Nusantara PGRI Kediri)   |
| Moh. Nurkholis, S.Pd., M.Or          | (Universitas Nusantara PGRI Kediri)   |
| Rendhitya Prima Putra                | (Universitas Nusantara PGRI Kediri)   |
| Muhammad Yanuar Rizky, M.Pd.         | (Universitas Nusantara PGRI Kediri)   |
| Mokhammad Firdaus, M.Or              | (Universitas Nusantara PGRI Kediri)   |
| Aulia Safrotun Nimah                 | (Universitas Sebelas Maret Surakarta) |

**EDITOR'S ADDRESS**

---

**Departement Penjas Kampus I UNP Kediri Office**  
**KH. Achmad Dahlan Street Number 76 Kediri**  
**Telp. (0354) 771503, Fax. (0354) 771576**  
**Website: ojs.unpkediri.ac.id/ index.php/pjk**  
**Email: jurnal.sportif@unpkediri.ac.id**

## PREFACE

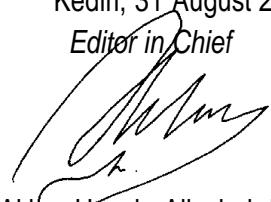
Our sincere gratitude is expressed to Almighty God. Without His will and strength, the editorial team may not be able to publish Jurnal SPORTIF: Journal penelitian dan pembelajaran Volume 9 Number 2 of the August 2023 edition online and in print. Starting in 2020, the editorial team has increased the frequency of publications that were originally published in May and November to be published in April, August, and December. In addition, the scope is also expanded, some of the scope of science added include physical activity, sports biomechanics, sports pedagogy, sports physiology, and sports psychology. Jurnal SPORTIF: Jurnal Penelitian Pembelajaran has been accredited by **SINTA 2 by the Ministry of Research, Technology, and Higher Education of the Republic of Indonesia** as an achievement of peer-reviewed journals that have outstanding quality in management and publication. This recognition is published in Director Decree No. 10 / E / KPT / 2019 4 April 2019 which is valid until 2023.

Jurnal SPORTIF: Jurnal Penelitian Pembelajaran is a medium of information and dissemination for research results in the field of sports. Jurnal SPORTIF: Jurnal Penelitian Pembelajaran is expected to actively and continuously disseminate the results of research for the development of science and technology (IPTEK) in the field of sports in Indonesia. This edition features 12 articles In the current edition, it is an honor to have the opportunity to publish 1 article by an author who comes from the Philippines. All articles have been reviewed through a rigorous review process by reviewers/interested partners.

We would like to express our appreciation and gratitude to the writers and reviewers. This edition comes with an index that loads after the preface page to help readers find the page. Hopefully JURNAL SPORTIF: Jurnal Penelitian Pembelajaran can be useful and able to improve the quality of research results for lecturers, teachers, researchers, students, and practitioners.

Kediri, 31 August 2023

*Editor in Chief*



M. Akbar Husein Allsabah M.Or.

# Jurnal SPORTIF: Jurnal Penelitian Pembelajaran

## HAS BEEN INDEXED BY:



VOLUME 9 NUMBER 2 PAGE 185 - 368 August 2023

**TABLE OF CONTENTS**

|   |                  |
|---|------------------|
| <b>The Effect of low impact aerobic gymnastics on improving physical fitness in students</b><br>Waluyo  | <b>185 – 197</b> |
| <b>The effect of a goalkeeper's quiet eye training and without goalkeeper training against the accuracy of kicks on goal</b><br>Alficandra Alficandra, Raffly Henjilito, Ahmad Yani, Zulkifli Zulkifli, M. Fransazeli Makorohim   | <b>198 – 211</b> |
| <b>Acquiring skills in basketball through observational learning</b><br>Teejay D. Panganiban, Michael H. San Miguel   | <b>212 – 230</b> |
| <b>Improvement of serum cortisol levels in obese female college students after moderate-intensity acute exercise</b><br>Wahyuningtyas Puspitorini, Soemardiawan Soemardiawan, Ajeng Annamayra, Taufik Hidayat Suharto, Adi Pranoto  | <b>231 - 246</b> |
| <b>Development of sensory media-based reaction speed training forms</b><br>Albadi Sinulingga, Indra Kasih, Ahmad Muchlisin Natas Pasaribu   | <b>247 - 259</b> |
| <b>The integration of the universal values of sport into physical education: Positive Youth Development (PYD) framework</b><br>Juhrodin, Yudha Munanjat Saputra, Amung Ma'mun, Yunyun Yudiana   | <b>260 – 273</b> |
| <b>Effect of boteli and frequency modification exercise in improving groundstroke forehand really skills in tennis</b><br>Agustiyanto   | <b>274 - 289</b> |
| <b>Combination of plyometric and ladder drill: Its impact on improving speed, agility, and leg muscle power in badminton</b><br>Muhammad Labib Siena Ar Rasyid, Oce Wirawan, Gigih Siantoro, Donny Ardy Kusuma, Afif Rusdiawan  | <b>290 - 309</b> |
| <b>Aerobic exercise with low-intensity gymnastics against physical fitness and body mass index in the elderly</b><br>Hanik Liskustyawati, Sri Santoso Sabarini  | <b>310 - 324</b> |
| <b>The comparison between the influence of rehaencalina-rehaencalina-torso (RRT) and rehaencalina-bench press-torso (RBT) training on javelin throwing ability</b><br>Andi Atssam Mappanyukki, Sumaryanto Sumaryanto, Erwin Setyo Kriwanto, M. Adam Mappaompo, Didik Purwanto | <b>325 - 338</b> |
| <b>The effect of training methods and lung vital capacity on vo2max in student futsal athletes</b><br>Onan Christanto Sepang, Bambang Budi Raharjo, Sulaiman Sulaiman, Sri Sumartiningsih   | <b>339 – 354</b> |

**Contribution of squat jump, leg squat, and walking lunge to mawashi  
geri kicking ability skills**

Yan Indra Siregar, Nurkadri Nurkadri, Nirwana Rohaya, Sory Muda,  
Delpipo Alessandro Ginting

**355 – 368**

**THANK YOU**

**WRITING GUIDELINES**