

# **Development of a Digital Body Posture Measurement (Anthropometry) Tool as a Tool for Scouting Athlete Talent**

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## **ABSTRACT**

Sports activities are an arena for exploring and developing potential people to excel in sports. Achievement sports is one of Sports activities are seen as a profession. To achieve high sporting achievements is not easy, because you have to go through a long coaching process, namely for 6 to the next 11 years. With coaching over a long period of time, high achievements can be achieved can be achieved if supported by talented athletes. Even though coaching is carried out over a period of time long, if the athlete being coached is not talented in the sport being studied, then high achievements cannot be achieved. In this era of technology, achievement coaching Sport cannot be separated from the role of sport science and sport technology as it already is implemented in developed countries. However, the reality is in the field of sports equipment Technology is still dominated by imported equipment which is very expensive and access is very limited limited. The Center for Science and Technology Excellence (PUI) will develop sports technology equipment so that it can reduce dependence on imported products.

PUI's activities include: (1) Institutional development, which aims to improve the quality and capability of lecturers' research and publications as well as transfer of knowledge and technology can take place continuously (continuous improvement) between lecturers, or from researchers outside the Yogyakarta State University (UNY) campus and abroad via collaborative activity research; (2) Research and development, namely developing tools Digital Body Posture Measurement (Anthropometry) as a tool for scouting prospective talent athlete; and (3) Product dissemination, aimed at ensuring the benefits of the products produced by PUI can be felt by the wider community. Apart from that, PUI Sport Technology Industry too carry out product downstreaming, so that the public, especially sports players in Indonesia able to target potential athletes so that Indonesia can achieve achievements in the field of sports may increase in the next few years. PUI Sport product downstream program Technology Industry consists of several activities, namely: creating scientific articles or journals; creating websites, and testing products with partners or users.

Kata Kunci: *antropometry, digitec*