

SIGNIFICANCE OF ADVANCE TECHNOLOGY USING MODERN EQUIPMENTS IN INTERNATIONAL SPORTS COMPETITIONS

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ABSTRACT

This paper has been written relating to advance technology which has effectively magnified the equipment designs used in International sports competitions, and actively understand the impact of the advanced technology of apparatuses in conducting sports competitions received better-quality design to refer it as a paramount importance in getting accurate results in the contested events. Thus, use of various technological apparatuses such as computers plays a very effective and crucial role in conducting the sport competitions worldwide. In many Asian as well as in Euro American nations, it has become remarkable example that these nations are using advance technology in sports competitions and have the ability to use modern equipment that are incorporated with sensitive devices in computers as its important function. The known international athletes often go through performing some human performance evaluating their training progress as it express the dissimilarity in exercise stress testing, cardiovascular, neuromuscular and exercise tolerance evaluation to utilize the command over these sophisticated biomechanical equipments to collect the accurate results through these advanced equipments such as knowing the advanced computer technology to make active use of evaluating the strength and condition of the body movements of athletes. The display of well designed equipments manufacturing athletic gears provide enormous benefits to the relevance of delicate resources which reduce the weight during active work outs that increase the strength and provide superior probability to extend the life span of individuals who engage themselves in regular physical daily activity programs. It is important to note that advance equipments and material used have made the sport participation safer that helped to increase the large number of participants in sports competitions equally for boys and girls at all levels as it seems good sign for sports competitions particularly developing country like Pakistan.

Procedure

The article entitled 'Significance of advance technology

using modern equipments in International sports competitions' was written on adopting

the historical-cum-comparative basis of the research design analyzing the comparative analysis of the given research topic and was elaborated to discuss mainly the sports competitions in Asia and Euro-American nations based on the history of Olympics and other international sports competitions conducted through out the world where modern equipments using advance technology has played very effective and dynamic role in acquiring the accurate results of the competitions which are accepted world over.

Introduction

It is often regretted to note that the use of advance technology in increasing sports activities rarely facilitate the sports persons in Pakistan as of these advanced equipments have become very expensive proposition as the amount involved in achieving the benefits of these important innovations are mainly limited to the upper class and well off families of known sports hierarchy, The cost of dynamic changes in sport have gone through adopting the advance technology that is available only to elite athletes of high quality

teams. In modern times, advance technology has sharply affected the equipment designs at all levels i.e. from low to high level sports competitions that enjoy recreational activities performed in our society. In using of advanced technology in sports plays a dynamic role in creating new sports events.

Thus, use of technological designs making tools such as the innovation of computers brilliantly acquired the precious position in the enhancement of sport equipments along with the game itself engage then in recreation activities that appears to develop superior pattern, which is well recognized in sports circles that how modernized nation received victory in American football, basketball and Base ball, which was believed they achieved through their hard work and adopting new technology with effective progress in Athletes and well developed nations helped to win a large amount of money due to their performance excelled to win the prizes in the competitions. In this connection, applied technology was used to achieve the target through advanced equipments and technology incorporated with sensors in the computers

as its essential part of their function. Many of the international athletes usually go through the human performance evaluation as a part of their training schedule. It normally range from exercise stress testing and cardiovascular assessment, they used very sophisticated biomechanical apparatuses such as Computer technology has effectively used in advanced equipments for evaluation of the strength and determining the condition of the individuals.

The people attending the workshop of advance quality of equipments usually have the benefits of the application focused on materials that effectively reduce the weight through stretching exercise to increase the strength and possibly extend the life span of the sports people. The complexes materials may be invariably used only in high level competitive equipment as seen in bikes, skis, racquets, and other such type of gears, which by definition are designed toward the elite sports competitions. It is also important to note that advanced materials equipments have made sport participation safer for

sports persons and their family to enjoy the recreational activities in the society such as bikes using helmets, maintaining refined technology applied to advance equipments for necessary personal equipments, clothing and shoes. Some times it has become controversial to use full body suits appropriate in swimming competitions and accurate readings of the time that streamline the competitors reducing timings in sport competitions where winning or losing is measured in minutes and fraction of seconds.

The use of technology in enhancing sports facilities and equipment generally is an expensive proposition as it is an expensive technology rarely used in Pakistan. The application of this technology benefits are limited to the upper class of people and wealthy families as the heavy cost of advance technology has brought about in sport through the application of technology which is available to well off individual athlete and teams.

Discussion

The Olympic games received universal importance considering the role of sports participation of both sexes in under

developed and modern societies through out the world where attention was made significantly on international games which received head lines in national news papers on organized international sport competitions as many nations showed interest in holding the international games, where as many people hesitate to lose sight of the interested sport, which received sports programs and other physical activity programs shown on television to interested citizens of the society, that emphasize on international sports competitions held last year in London (2012) and the British societal participation in sports competitions played effective role to every citizen of the nation. Considering the importance of the topic authors attempted to explore on describing the features of advanced technology in international sports competitions played in various parts of the world. The use of advanced technology defines two broad areas, firstly the use of advance technology in equipments, secondly, how advance equipments are to be used in these apparatuses to activate the performance of advance techniques of these

sports programs. In the present years, advance technology had significant impact upon international sports competitions.

It seems safe to clarify that Olympics of the modern times have applied the modern techniques in conducting sports competitions that played important role in conducting the training and competition programs. It seems evident itself that range from creation of new sports competitions to accommodate them in acquiring the advanced equipments and techniques used by the athletes in competition during training help the teams to prepare athletes for competition. The process employed in adopting new technological awareness to enhance the sports competition among the nations that normally increase the participation in Olympic Games. This technology has given dramatic impact on all walks of life imprints in the different aspects of sports competition that include the development of new sports both recreational and competitive sports reflect changes in natural evolution as well as general shifts, which reflect enormous changes in the society. There are

new multi-sport competitions new games, which include events such as mountain biking, Roller Skating, Roller Boarding and snow boarding which competed for sponsorship to bring it in news papers.

This argument illustrate the application of technology in providing sport facility designs and new changes in terms of athletes endorse the comfort and help to increase the life span of individuals such changes include equipment technology which makes competition judging and compiling results more accurately. Further, technological applications such as photo-finish timing devices are tied with communication technology displaying in stadiums, such as scoreboards and broadcasting to make the events more enjoyable to the spectators.

The advance technological changes have resulted in providing facilities that efficiently operate resulting in scarce financial resources of the competitive sports programs, which expanded the operating costs of the utilities. These advance lighting options extends the reasonable

working hours to provide facility operation on computer system that controls the operating efficiency that increase athletes as well as spectators comfort during competition. Lastly, it brings effective changes frequently and the results were transformed in better formation of structure, especially at finishing points that usually extend the life of the advance facility provided in safer conditions to the participants, which seems less costly in bringing the success of the competitions. It may be noted this technique finishes the sports flooring and playing surfaces of competing area and elaborate about the irony with respect to the application of technology in sport facility design programs in modern world, where as on other hand technological advances allow for a greater life span of the facility available in the development of the components such as better finishing points and surfaces of the stadiums and through technological brought changes to elaborate the facilities replaced for economic reasons well before the time it is worn out. Thus, stadium and auditoriums which last for numerous years replaced with a reasonable cost

after using services for several decades in the city area.

In United States professional teams usually afford better facilities and equipments to develop the application of technology that earns more revenue in the competitions and the team owners bring together with them the better performer athletes to produce better teams, which create more interest among the admirers and increase interest and means to increase the ticket sales and generate more revenue for the team making them to provide better facilities to the players and wish to continue this cycle in the long run. This competitive strategy balances the challenge of facing the professional competitors in many modern Asian and Euro American nations. Some times, the advanced states alone face this problem regarding cost related matters in adopting the application of technology challenge with respect to international sports along with rich nations focused in Western Europe and the United States can better afford the training facilities, expensive of advance equipments and use the personal sports gears required in

elite level competition. Thus, it largely benefits the technological improvement applied to sports persons who can afford the expenses of such sports competitions.

It may be kept in mind that the application of the advanced technology in sports equipments is the universal aspect that eventually applied in solving such problems, which seems difficult to settle the issues rose in settling the conflicts of interest groups various stakeholders of the constituency in sports that are mainly sports fans of the city. Athletes recognition in their victory often settle the records on regular bases on national and international sport governing bodies instructions to get maximum advantage of their teams and athletes through following the codified rules of these associations or federations. It may define the central idea of sports philosophy which provides the basic concept of every athlete participating in the sports competition get good chance to emerge as the winners in the competitions.

The challenge is frequently brought on the shoulders of sports administrators ensuring that much

advantage is not provided to one team only because of the application of technology with better equipments and facilities to provided to have ones who are in a position to develop rules in respect of the use of sports equipments and facility acquired to economically weak teams providing them financial facilities and grants they need. Considering the fundamental principle of parity involved in sports competitions. Modern society with advance equipments and engaged in management skills has changed society for numerous reasons as it has become an important communication process to continue and grow in the future in Asian and Euro American nations have the professional sports teams in that have coordinated with various league offices. These linkages were driven in part through agreements between the league teams and other activities earning revenue sharing for media broadcasting and business sales.

Conclusion

The significance of international sports competitions and its effective management has dramatically changed the way individuals perform in their social life, believing how it could

be used in advance technology along with equipments as these tools greatly enhances outcomes of the results. The bottom line is that these IT tools are rapidly becoming a necessity for sports administrator at all levels in the sports hierarchy they are working with, as they are considered to be a powerful force for social inclusion in sport and recreational activities programs that effectively discharge the professional duties. In concluding, the application of sports management has dramatically changed the way that one can work out in all walks of life through how these advance equipments and techniques are used in sports competitions.

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