



## **MODERN TECHNOLOGY IN SPORTS, ESPECIALLY IN CRICKET**

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In the present times, modern technology has made an amazing contribution in almost all the sports and games. This modern technology and innovation has made superfine errors and decisions almost impartial, transparent and independent. Earlier umpire's or referee's decision was the last and final decision and there was no further body to counter that decision be it is right or wrong. At some crucial point, one wrong decision could have changed the course of the game, but there was no system to reverse that decision. However, in the modern times, decisions can be reviewed through computer software programs and can also be reversed and mistakes can be corrected. If the decision taken in the field is doubtful, then a panel of umpires review those decisions using modern technological advancements and it can be changed if decision is wrong.

Using the modern technology, not only the decisions on the field can be reviewed but very deep analytical assessment can be done in the sports, like cricket, speed of the ball and the course of the ball is being measured. Even the bounce in the particular wicket can be measured using these technological advancements. Decisions on no-ball and wide ball are being taken through these innovations and computer software programs. Even the length of the ball can be measured if a six is hit out of the boundary line.

Earlier it was only the bowler who used to help practice the batsman but new machines are designed to throw balls in different directions. These machines have helped those human bowlers a lot who get tired of and some get injured during the practice session by overusing their strength and practice. The technological review system has helped data analyst a lot who assess the players strong and weak areas and concentrate on improving those weaker areas. Hot spot is also a system where it is checked whether



the ball has touched the bat or it has just nicked the pad worn by the batsman. Every minute detail can be obtained using these technologies and help the players to improve their performance on field.

These modern technological advancements were first used by the Australian channel 9. They used the slow motion and replay techniques in making the errorless decisions. They even used zoom technique to closely capture the batsman style and bowling techniques. It is the modern technique and usage of satellite using more than 20 camera to relay the live telecast of cricket matches. All these techniques have ensured the purity of the game and minimized human errors.



## References

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