

## Third Laureate Innovation

26<sup>th</sup> Khwarizmi International Award (KIA)



- **Project Title:** Fully Automatic Badminton Shuttlecock Launcher Robot
- **Executive:** Ashkan Amirkhani
- **Collaborator:** Arash Amirkhani , Hossein Mansuori

- **Abstract:**

Success in Badminton need an appropriate coach and opponent game. However, most of the time it is not available for players. Therefore, designing a robot with mentioned features and also could cause an increase in the physical and mental potential of professional and amateur players.

After creation of a new exercise program in touch screen panel of robot, it would be able to apply all badminton specialized hits with high accuracy and precision.

Design of this robot including mechanical, electronical and software is quiet unique in the world.

