IZTECH ROBOTIC SYSTEMS

SPONSORSHIP DECK

A project- and competition-focused student robotics society at Izmir Institute of Technology.

48	4	ARCC 1v1
ACTIVE MEMBERS	SUB-TEAMS	FIRST FOCUS

Türkiye's first RoboMaster / ARCC Team



ORGANIZATION	TITLE	DOC. NO. / REV	DATE	SHEET
IZTECH ROBOTIC SYSTEMS	SPONSORSHIP DECK	IRS-PRE-002 / D	07.11.2026	01 / 10

02 / TEAM

WHO WE ARE

A project- and competition-focused student robotics society.

IZTECH Robotic Systems brings together students at Izmir Institute of Technology who want to grow in robotics. Our team, drawn from different engineering disciplines, develops innovative robotic systems together.

48 MEMBERS / SUB-TEAM BREAKDOWN

ELECTRONICS	SOFTWARE	MECHANICAL	ORGANIZATION
12	22	12	03

OUR GOAL

To give members real engineering experience through competitions, projects and training, and to represent IZTECH in competitions, starting with RoboMaster.



FIG. 02 / IRS TEAM / TEAM MEETING
ACADEMIC ADVISOR / PROF. DR. M. İ. CAN DEDE

03 / TEAM

OUR LEADERSHIP TEAM

A project- and competition-focused student robotics society.



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Society President

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Mechanical Team Lead

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Electronics and Comm. Eng.



Aamir Kamal Siddiqui

Organization Lead

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Computer Eng.

04 / PROJECT

ROBOMASTER AND ARCC

Engineering competitions where students face off with robots they build themselves.

ROBOMASTER

RoboMaster, organized by DJI and joined by more than 400 universities every year, combines the dynamics of esports with robot competition. Teams design and build their own robots: the mechanics, electronics and software are entirely the students' work. In a match, robots fire 17 mm plastic balls at their opponents' armor plates.

ARC CHAMPIONSHIP (ARCC)

A championship organized by ARC Robotics that uses the RoboMaster rules as its reference. ARCC 2027 will be held in the USA on 13–20 June 2027. In 2026, 25 teams from the USA, Canada, Japan, Italy and the United Kingdom competed at Purdue University. Alongside the robot matches there are drone, dart and technical conference (ARCTIC) events.



FIG. 03 / UNIVERSITY OF WASHINGTON ROBOMASTER TEAM ROBOTS / REFERENCE

SOURCE: ARCC 2026 SITE MANUAL §1.3 · ARCC 2027 PARTICIPANT MANUAL V1.0

05 / PROJECT

HOW IS A MATCH PLAYED?

Robots target each other’s armor on the field; the referee system counts every hit automatically.

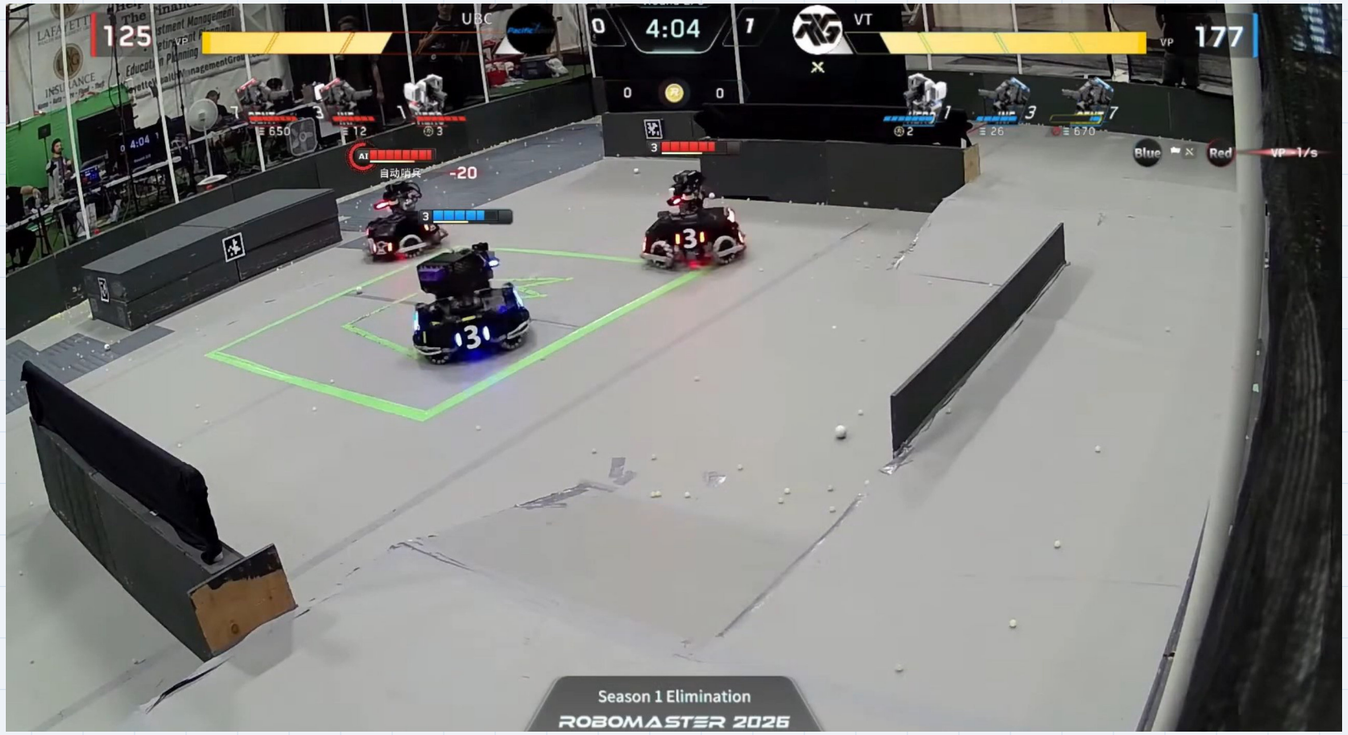

FIG. 04 / ROBOMASTER 2026 MATCH BROADCAST / SCREENSHOT

01 PILOT

Controls the robot remotely using the video from the camera on the robot.

02 HIT

The sensor on the armor plate detects the hit; each 17 mm plastic ball hit removes 20 HP.

03 LIMITS

Barrel heat and chassis power are limited; a robot that exceeds the limit loses HP.

04 WINNING

In 1v1, the Infantry starts with 200 HP: 10 hits knock the opponent out.

SOURCE: ARCC 2027 EVENTS MANUAL TABLE 3-8, §4

06 / PROJECT

COMPETITION FORMAT

Two robot events under the ARCC 2027 rules; our first focus is 1v1.

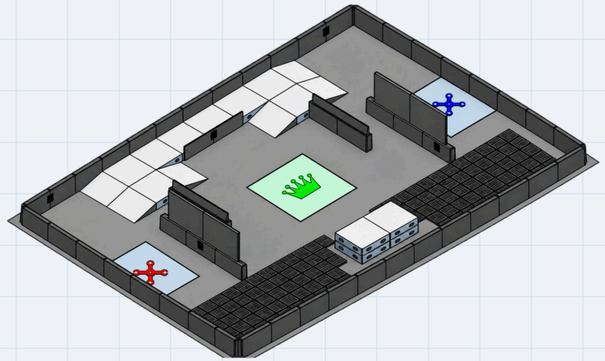

FIG. 05A / 3v3 BATTLE ARENA / RENDER

TIME	5-minute match
ROBOTS	Hero, Engineer, Sentry
WIN	Be first to reach 300 Victory Points
BRACKET	Group BO2 → 8-team double elimination, BO3 (2026)

MAIN FOCUS

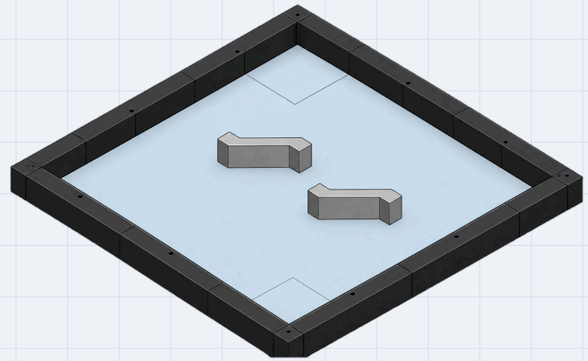

FIG. 05B / 1v1 BATTLE ARENA / RENDER

TIME	2-minute match
ROBOT	Infantry (17 mm firing mechanism)
WIN	Reduce the opposing robot’s HP to zero
BRACKET	Swiss system, 6 rounds → top 8 elimination, BO3 (2026)

SOURCE: ARCC 2027 EVENTS MANUAL §3–4 · TOURNAMENT: ARCC 2026 SITE MANUAL §2.2

07 / ASSESSMENT

SWOT ANALYSIS

Where we stand now and how we see the period ahead.

S STRENGTHS

- Balanced 48-member team in electronics, software and mechanics
- Technical reports are complete; the rules have been reviewed and the robot concept is defined
- Experienced members from different teams and a 12-month roadmap

W WEAKNESSES

- Competition experience is still new; field experience will be gained this season
- Limited budget for materials and test equipment

O OPPORTUNITIES

- Knowledge sharing with the international robotics community
- Internship and joint project opportunities with industry
- International visibility for IZTECH through competitions

T THREATS

- Exchange rates and overseas supply/shipping times
- Deadlines that overlap with exam periods
- Knowledge loss through graduation; we try to prevent it by keeping documentation

08 / NEEDS

OUR UPCOMING EXPENSES

Main expense items planned for the period ahead.

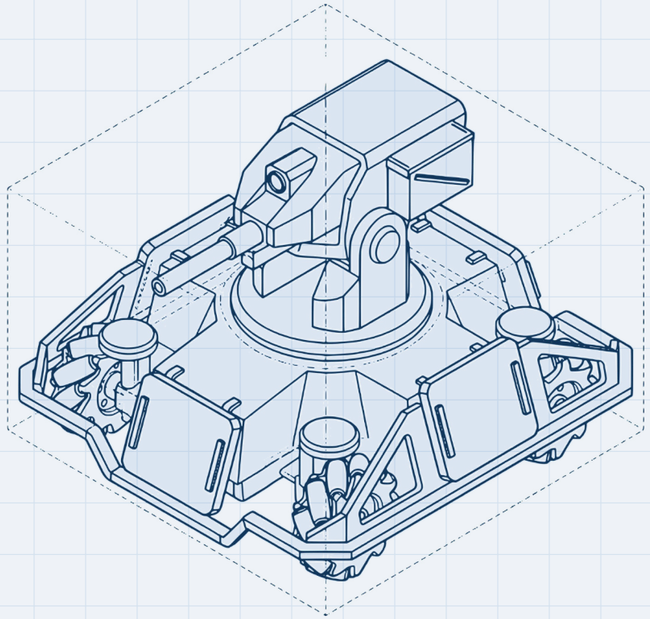

FIG. 07 / IRS ROBOT CONCEPT / CONCEPT DRAWING, NOT A PROTOTYPE

NO.	ITEM	DESCRIPTION	AMOUNT (USD)
01	ARCC registration fee (1v1)	First-focus 1v1 event; 2027 fee	150
02	Promotion and team visibility	Team uniforms, pit area, promotional items and digital promotion	1,000
03	Mechanical and electronic materials	Chassis, motors, drivers, battery, sensors	7,000
04	Robot shipping	Round-trip shipping of the robot to the USA, packaging and customs procedures	1,800
	TOTAL		**9,950 USD**

Our detailed workshop materials list is shared on request.

REGISTRATION FEE: ARCC 2027 PARTICIPANT MANUAL · SHIPPING: ESTIMATED AT NOVEMBER 2026 PRICES

09 / BENEFITS

SPONSORSHIP PACKAGES

Three support levels based on contribution amount.

LEVEL 01

CARBON FIBER

3,000+ USD

BENEFITS INCLUDED

- All benefits of the previous level
- Largest logo area on the robot’s main body
- Large logo on team T-shirt and printed materials
- End-of-season report
- Main sponsor on the website; dedicated feature on social media
- Team talk or workshop visit at your company
- Robot displayed at your company at season end

LEVEL 02

ALUMINUM

1,000+ USD

BENEFITS INCLUDED

- All benefits of the previous level
- Logo on the robot’s side panel
- Medium logo on the team T-shirt
- All our technical reports
- Access to the member résumé booklet
- Logo on website; feature post on social media
- Logo on sponsor slide at events and talks

LEVEL 03

COPPER

100+ USD

BENEFITS INCLUDED

- Logo on the website’s sponsor page
- Thank-you post on social media
- End-of-term progress newsletter

IN-KIND SPONSORSHIP

Besides cash support, we also accept support in products and services: filament and 3D printers, aluminum and carbon fiber materials, software licenses, training and workshop equipment.

10 / CONTACT

CONTACT FOR SPONSORSHIP

Reach out to us for packages and partnership options.

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IZTECH ROBOTIC SYSTEMS

SPONSORSHIP PAGE

iztechroboticsystems.com/en/sponsorship

Levels, benefits and contact form

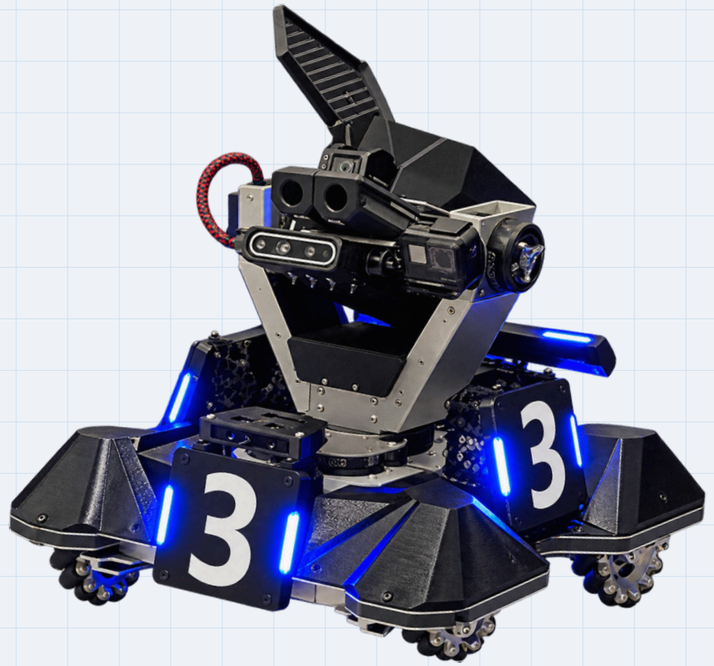

FIG. 10 / INFANTRY ROBOT / REFERENCE IMAGE