



DIRECTORATE GENERAL OF
VOCATIONAL AND
TECHNICAL EDUCATION



TÜBİTAK



INTERNATIONAL MEB
ROBOT
COMPETITION

**17th INTERNATIONAL
MEB ROBOT COMPETITION**

APPLICATION GUIDE

2025

Education, Technology, Production from Roots to the Future

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GENERAL EXPLANATIONS

International MEB Robot Competition is organised by our Ministry together with TUBITAK and TİKA stakeholders in order to increase the quality of vocational and technical education in our country, to create awareness in the society in this field, to enable secondary and equivalent schools, secondary education and higher education students to transform the knowledge they have acquired in their education processes into skills, to develop products, to think scientifically, to be raised as entrepreneurial and competitive individuals, to introduce industrial and technological developments to students, to exhibit and share their experiences in this field, to make students confident in themselves, to be understanding and respectful in social relations. Within the scope of promoting vocational education and orientation to vocational education, students studying in secondary and equivalent schools will be able to participate in the competition in the categories determined in this year's competition.

The International MEB Robot Competition has been held regularly every year since 2007. This year, the 17th edition will be held in Kayseri between 21-24 May 2025. It will be held in 15 (fifteen) categories including Line Follower Basic Level (secondary and equivalent schools), Unmanned Surface Vehicle (USV) Robot (secondary and equivalent schools), Design&Build Basic Level (secondary and equivalent schools), Archer (Tozkoparan) Robot (secondary and equivalent schools), Industrial Robotic Arm, Line Follower Drag, Unmanned Aerial Vehicle (Mini Drone), Labyrinth Master, Mini Sumo, Autonomous Vehicle, RC Fixed Wing Airplane, Open Project, Underwater Robot (SAR), Design&Build and Egg Collectioning Robot.

Secondary and equivalent school (secondary schools established within imam hatip high schools and the secondary school level of accredited institutions) students will be able to apply for the competitions to be held in the categories of Line Follower-Junior, Design&Build-Junior, Unmanned Surface Vehicle(USV) and Archer Robot. Secondary and higher education students will not be able to apply to these categories.

The theme of the 17th International MEB Robot Competition, which will be organised in cooperation with the Ministry of National Education, the Scientific and Technological

Research Council of Turkey (TÜBİTAK) and the Turkish Cooperation and Coordination Agency (TIKA), is "Education, Technology, Production From Roots to The Future " and the slogan is "This Year, The Codes of Technology is being written in Kayseri" .

The announcement of the competition will be made by stakeholder institutions and organisations under the coordination of the Directorate General of Vocational and Technical Education.

DEFINITIONS

Executive Committee: It is the decision-making body established by the Director General of Vocational and Technical Education and manages all processes related to the competition. It performs basic functions such as planning, implementation and supervision of the competition; it takes the necessary decisions to ensure that the organisation is carried out efficiently.

Organising Committee: It is the board that undertakes the IT and organisation services of the competition process and ensures coordination with the Technical Advisors. It manages all the processes of the competition categories defined in their areas of responsibility, guides the organisation of the personnel assigned in the province where the competition will be held and coordinates the operational processes during the competition

Technical Advisors: They are the experts who create the technical infrastructure of the competition and prepare the documentation for the categories. They guide the judges in accordance with the rules and ensure that the competition is conducted in a fair and organised manner. At the same time, they have the authority to make final decisions by evaluating the objections made in all categories except the free project category

Jury Members: It is an evaluation board determined by TÜBİTAK and consisting of academicians working in the relevant departments of universities. At least 50% of the jury members are selected from experts who have previously worked in robot competitions. It evaluates the projects of the competitors in the free project category and decides on the objections made to this category by majority of votes.

Working Teams: These are the teams formed by teachers working in schools and institutions affiliated to the General Directorate of Vocational and Technical Education, related field students and university students to carry out the field operations and technical processes of the competition. They set up the competition tracks, carry out technical controls and perform other tasks determined during the organisation process.

Referees They are in charge of ensuring that the competitions are carried out within the framework of the rules, carrying out the technical conformity checks of the robots and managing the competitions. They are selected by TUBITAK, primarily from robot club/community members of universities or individuals who have worked as referees in robot competitions. Referees are obliged to wear the clothes determined by the Executive Committee in the field during the competition.

Volunteer Students: These are students selected from universities in Kayseri to provide support in the tasks determined by the Executive Committee during the competition process. Students who want to work as volunteers apply through the website and those whose applications are accepted are included in the competition organisation.

Student: Individuals attending secondary and equivalent schools and secondary education schools/institutions.

University Student It stands for individuals studying undergraduate or associate degree in higher education institutions.

Member: It stands for all people who register to the system via <https://robot.meb.gov.tr> or MEB Robot Mobile Application. In this context, students and teachers participating in the competition, the executive committee, organising committee, technical advisors, jury members, work teams, referees and volunteer students, visitors, parents and institutional authorities are also accepted as members. Registration to the system is mandatory to participate in the competition or to carry out transactions related to the organisation.

Accreditation: Since individual applications are not accepted to the competition, it is the eligibility evaluation process carried out in order for independent institutions that meet certain criteria to participate in the competition. It is a process that enables institutions

providing robotics and coding education, other than public and private schools, Science and Art Centres (BİLSEM), Public Education Centres and universities, to be registered in the system. Institutions that successfully complete the accreditation process are entitled to apply to the competition.

School: It refers to public and private educational institutions under the Ministry of National Education.

Institution: Science and Art Centres (BİLSEM), Public Education Centres and education and research-oriented institutions that have completed the accreditation process and have the right to participate in the competition.

Consultant: A teacher, trainer, school administrator, administrator, lecturer or lecturer who guides the students participating in the competition on academic and technical issues from the application process to the completion of the competition.

Team It is the group of students and counsellor participating in the competition at the same school level under a school or institution.

Team Member: It refers students and counsellors who are part of a team.

Team Supervisor: The person who manages processes such as the formation of the team, inclusion of counsellors and students in the team, registration of robots and team members for the competition.

Robot Team: The counsellors and students registered to each robot participating in the competition.

Category: It refers to 15 different types of competitions determined in the competition. For example, Line follower, Mini Sumo, Autonomous Vehicle, Underwater Vehicle, Open Project, etc.

Education Level: It is the criterion that defines the student groups entitled to participate in the competition. The competition is open to middle school, high school and university level students. Each student can be a member of the team at their own education level and participate in competitions at that level.

Production Report: It is the official document that documents the design and production processes of the robots participating in the competition, includes technical details and is examined during the acceptance process.

Design Report: It is a document detailing the engineering processes of the robot or the technical components included in the project, explaining the design stages and components.

Project Report: A document explaining the projects of the teams competing in the Free Project category, containing technical details and created with scientific approaches.

Disclaimer: It is the document in which the students or teams to participate in the competition officially declare that their own institutions waive these rights in order to participate in the competition on behalf of another institution. For which institutions a waiver can be obtained is detailed in Article 20.

Preliminary Screening: It is the process in which the robots and projects applying to the competition are evaluated for their compliance with the specified technical and content criteria, and those who have the right to participate in the competition are determined.

Competition Identity Card: It is the official identity document that enables the identification of each individual or team participating in the competition and is used in the entry and exit processes.

Digital Participation Certificate: It is the document given to all students and counsellors participating in the competition, showing that the participation is officially recorded.

APPLICATION AND GENERAL RULES

The following works and procedures will be carried out by the General Directorate of Vocational and Technical Education in order to carry out the competition in accordance with its purpose and to ensure the maximum expected benefit from the competition.

Registration Process

1. Applications will be made via <https://robot.meb.gov.tr> address or MEB Robot Mobile Application until 02 May 2025 at 17.00 starting from the announced application date.
2. Applications to the competition are corporate and personal applications will not be accepted.
3. Public and private schools under the Ministry of National Education and universities are registered in the system and institutions wishing to participate other than these must first be "Accredited". Institutions wishing to be accredited will be able to apply after the documents uploaded to the system are approved. Various units (Science Centre, Youth Centre, etc.) of institutions that provide robot and coding trainings within their activities can apply.
4. Robot Clubs established within the university can be accredited and establish teams provided that they certify that they are established within the university. University students can only compete on behalf of their own university. They cannot be a consultant or competitor in another school or institution and cannot establish a team on behalf of another institution.
5. It is essential to establish at least one team in institutions. Institutions can establish as many teams as they want. Competitor students of accredited institutions must be students in public or private schools affiliated to the Ministry of National Education
6. Institutions that will apply from abroad must be accredited. Students who will apply through these institutions must meet the specified age criteria and must have student status in the country of application.
7. Teachers, trainers, institution officials or university students who want to apply from institutions must first become a member of the system. After completing the membership information completely, they will be able to create robot teams on behalf of their institutions.

8. Robot Teams will fill in information such as Team Level (secondary school, high school, university), Which Institution it belongs to, Team Name, Team Logo, Team presentation and send invitations to the counsellors and students they want to be in their teams via e-mail.
9. All counsellors and students who are invited as a member of a team are obliged to complete their membership information completely by subscribing to the system. After the membership process is completed, they can respond to team invitations. The counsellors and students who accept the invitation are added to the team list and gain the right to participate in the competition.
10. **Passport size photos** to be uploaded to the system during the application must have been taken within the last six months. Counsellors are responsible for uploading **passport size photos** to the system. Competitors will not be able to enter the field during the competition if they have not uploaded a suitable photo to the system.
11. With the same institution code, imam hatip high schools, BİLSEMs, Public Education Centres and accredited institutions with students at different levels must create at least one Robot Team at each school level. Consultants can take part in more than one team under the same institution and at the same education level, but students can only take part in one team.
12. Team Supervisor; After determining the robot category and robot name to compete, the team members will be able to add counsellor and competitor students as robot members. **These procedures will be done separately for each robot.**
13. The necessary permission documents and undertakings for the members and robots added to the robot will be filled in and uploaded to the system, the 17th International MEB Robot Competition Application Form (ANNEX-1) will be created and the application will be completed.

Pre-Qualifying

14. Competitors will be able to apply until 02 May 2025 from the announced application date. After completing the application process, they must complete the document completion and uploading of the project and production report files required in the categories specified in Article 21 until 02 May 2025. The uploaded reports will be examined by technical advisors and corrections may be requested once if necessary. Reports that are not corrected within the correction period will be evaluated as they are.
15. The Executive Committee will determine the number of robots to participate in the 17th International MEB Robot Competition, taking into account the number of robots applying to the categories according to the project and production report files. These determined numbers will be announced between 03-06 May 2025 at <https://robot.meb.gov.tr> and via MEB Robot Mobile Application.
16. Category-specific Production/Design Report to be uploaded for pre-qualification; The applications of the competitors sent until 02 May 2025 will be evaluated. The list of robots whose applications are accepted will be announced at <https://robot.meb.gov.tr> or in the announcements section of the MEB Robot Mobile application.

Application Documents

Personal Data Protection Law Clarification Text and Explicit Consent Approval

17. Each member who registers is obliged to accept the Explicit Consent Approval by reading the Clarification Text (Annex-4) within the scope of the Personal Data Protection Law No. 6698. However, personal data owners have the right to make requests regarding the processing of personal data. Applicants who wish to exercise these rights should fill in the Data Subject Application Form in Annex-4 and submit it to the Organisation Executive Committee by one of the methods specified in the form. The Organisation Executive Committee will decide whether the members who send the Data Subject Application Form will participate in the competition.

Authorisation Certificate and Letter of Undertaking

18. In order to complete the membership and add participants and robots, the KVKK Clarification Text (ANNEX-4) will be read and digitally approved.
19. In order to complete the competition application, the relevant parts of the Letter of Commitment (ANNEX-2) will be filled in by the competitors. The Commitment Letter (ANNEX-2) document will be signed by the contestant student's parents if the contestant student is under 18 years of age, and by the contestant student himself/herself if the contestant student is older than 18 years of age and will be scanned and uploaded to the system. The wet signed documents uploaded to the system will be kept by the institution and the security of these documents is the responsibility of the institution authority.

Disclaimer (for BİLSEM, Public Education Centres and other accredited institutions)

20. Secondary and equivalent schools and secondary education students who receive education in BİLSEM, public education centres and accredited institutions can participate in the competition on behalf of that institution after uploading the waiver to the system. In this case, the "17th International MEB Robot Competition Waiver Agreement" (ANNEX-3), which states that one of them waives the competition with the agreement of the parties during the registration application, will be uploaded to the system by the competing school / institution during the robot registration. The wet signed documents uploaded to the system will be kept by the institution and the security of these documents is the responsibility of the institution authority.

If the mentioned document is not uploaded to the system, the registration applications of the competitor team will not be accepted and the competitor team will not be able to claim any rights related to the competition.

Robot Production Report

21. It is the report documenting that the robot to be participated in the competition by the applying student and the counsellor is designed by them and the production process. This report must be uploaded to the application system until

02 May 2025 in the desired categories. Detailed information will be specified separately for each category at the application stage.

Row	Category Name	School Level	Report Type
1	Line Follower Junior	Lower Secondary school	Robot Production Report
2	Unmanned Surface Vehicle	Lower Secondary school	Robot Production Report
3	Design&Build Junior	Lower Secondary school	Not requested
4	Archer Robot	Lower Secondary school	Not requested
5	Industrial Robotic Arm	High School, University	Robot Production Report
6	Line follower Drag	High School, University	Robot Production Report
7	Unmanned Aerial Vehicle (Mini Drone)	High School, University	Design Report
8	Labyrinth Master	High School, University	Not requested
9	Mini Sumo	High School, University	Not requested
10	Autonomous Vehicle	High School, University	Not requested
11	RC Fixed Wing Airplane	High School, University	Robot Production Report
12	Open Project	High School, University	Project Report
13	Underwater Robot (SAR)	High School, University	Robot Production Report
14	Design&Build	High School, University	Not requested
15	Egg Collecting Robot	High School, University	Not requested

Robot Team Formation and Duties of the Consultant

22. Robot members will consist of three students and one advisor in the RC Fixed Wing category and two students and one advisor in other categories.
23. Consultant; lower secondary and equivalent schools, teachers working in secondary education schools / institutions, academicians working in higher education and instructors / teachers in accredited institutions. Consultants will not be required for teams from higher education to participate in the competition.
24. Contestants who have not turned 16 years old for lower secondary school students, 23 years old for high school students and 30 years old for university students as of the date of the competition will participate.

25. Robot members will participate in the competition on behalf of their own school/institution. All members of the team must be from the same school/institution and at the same school level.
26. Consultants can be the consultant of more than one team, provided that they are from their own school / institution and at the same school level. In imam hatip high schools, BİLSEMs, public education centres and accredited institutions which gives education at the secondary school level with the same institution code, consultants will be able to choose only one level of consultancy
27. The counsellors will guide the students from the date of application until the end of the competitions.
28. Advisors will be present in the competition area during the competition and will be responsible for all kinds of behaviour of the competitors in their team throughout the competition
29. Consultants will be responsible for the accuracy of all information and pictures entered and uploaded to the system of team members and robots in the competition applications.
30. The counsellors will inform the contestants in their team about the rules of the competition, acting according to social and moral values, and treating the winner and loser with kindness.

Team and Robot Names

31. Robot club and robot names will consist of Latin alphabet and robot names will consist of maximum 12 characters and robot club names will consist of maximum 100 characters. If the robot club and robot names contain or evoke derogatory, insulting, political and obscene words, the applications of the teams will not be approved.
32. The name and competition category of the robot registered for the competition cannot be changed.

33. If the team logos contain or evoke derogatory, insulting, political and obscene expressions, the applications of the teams will not be approved.
34. If the robot club and robot names are the same, the first team and robot name will be accepted.
35. If needed for the registered robot, counsellor and student names can be updated during the application period.
36. Institutions will be able to participate with one robot in the Design&Build categories and up to five robots per category in all other categories.
37. Each robot will compete only in its own category.

Accommodation, Food and Insurance

38. Accommodation and travelling expenses of the competitor teams are their own. Lunch needs of the team members participating in the competitions will be met during the competition.
39. Competitor teams and official officials and volunteer students assigned to the organisation of the competition will be insured with individual/group accident insurance during the competition.

Draw Registration and Preparation of Robots for the Competition

40. The lottery registration process of the competition will be carried out by submitting the Competition Application Form (ANNEX-1) on Tuesday, 20 May 2025. The printout of the document will be signed and stamped by the school directorate in secondary and equivalent schools, secondary education and vocational colleges, by the institution directorate / authority in accredited institutions, and by the head of the department in universities. The report will be submitted by the counsellors (university participants themselves) to the registration authorities in the competition hall on the registration dates. It is sufficient for a single counsellor or team manager to submit this document on behalf of the institution. The application of the teams whose application form is not approved by the school/institution will not be accepted.

41. Competitor teams will have the robots/projects with them during the draw registration. The draw registration process of the team that does not have their robots/projects with them or has not completed them to compete will not be carried out.
42. In addition to the competition identity cards, the competitor teams will be given a special 20 mm x 20 mm size label for their robots to be seen on their robots. The photo of the robot with the sticker will be photographed and uploaded to the system by the competitors during the draw registration. This sticker will not be removed from the robot until the end of the competitions. Just before the start of the competition, the robot and the robot's photo in the system will be compared by the referee of the match. If the match does not occur or if it is later determined that the match has not occurred, all robots of the competitor and the consultant will be disqualified even if they have ranked.

Drawing, Announcement and Invitation of Competitors to the Field

43. The competition draws will be made under the supervision of the Technical Advisory Committee on the dates and times determined specifically for the categories to be announced later.
44. The competitions will start on Wednesday 21 May 2025 after the opening ceremony.
45. The results of the draw will be published on <https://robot.meb.gov.tr>, MEB Robot Mobile Application, kiosks and information screens in the competition area.
46. Competitors will be admitted to the competition area via a two-stage text message or mobile notification invitation sent by the referees. With the first notification message, the competitors will take their place in the tribune reserved for the competitors. With the second notification message, the competitors will be allowed to enter the competition area.
47. Three competitors for RC fixed wing airplane category ,Two competitors the categories for the Design&Build, Unmanned Aerial Vehicle (Mini Drone), Open

Project, Underwater Robot (SAR), Unmanned Surface Vehicle(USV) and Autonomous Vehicle , one competitor for other categories will be allowed to enter to competition area.

48. Those who apply to the Design&Build categories will not be able to apply to other categories.
49. When teams competing in more than one category are required to compete at the same time according to the draw order, the draw order will not be changed. Objections made in this regard will not be accepted.
50. No one will be allowed on the competition area except those who are in line for the competition and the staff.
51. The competition badges of the competitors will be checked and verified by the officials and will be recorded and they will be allowed to enter the competition area by passing through the turnstile. If deemed necessary, an identity check will be carried out. If the verification does not take place, the competitor will not be allowed to enter the competition area.
52. Competitors and advisors who participate in the competitions with fake IDs and/or documents, who show inappropriate behaviour to their competitors, referees and officials will be disqualified from the competition together with the competitors and robots in all categories.
53. Those disqualified from the competitions will not be accepted to the next two International MEB Robot Competitions.

Execution of Competitions

54. The referees are the sole authorities during the competition.
55. Technical counsellors will inform the referees and guide the referees during the competition in order for the referees to manage the competitions in their categories in accordance with the competition rules.
56. Referees shall not officiate the competitions of their own organisations.

57. The competition will be started after the robots brought to the competition area are checked for their categories (weight, size, photo, etc.).
58. Competitors who do not enter the competition field within the specified time periods after the field invitation made by mobile notifications, SMS and kiosk lists will be eliminated from that competition.
59. After the start of the competition, objections regarding the position of the tracks, the natural light of the hall or the surrounding area, natural factors and issues related to announcements will not be evaluated.
60. Robots designed to intentionally damage the tracks during the competition will be disqualified from the category they are in.
61. Competitor teams are responsible for any damage to the robots before or during the competition.

Objections

62. Objections can be made via <http://robot.meb.gov.tr> and mobile application with member login.
63. Competitor teams have one appeal for each robot in each round. The competitor has the right to appeal within the first 20 minutes after the result of the competition is announced. Objections will be finalised before the completion of the round to which they belong. The result information of the objection will be sent to the objectors' mobile phone registered in the system via SMS and mobile notification, and the details of the result will be sent to the registered e-mail address.
64. The objections made during the competition will be decided by the jury committee in the Free Project category and by the technical advisors in other categories.
65. Jury members, referees, volunteer students and technical advisors will not be able to be a member of the competing team.

Occupational Health and Safety

66. The batteries used in the robots will be kept in a fireproof safety bag (Li-Po safe bag).
67. Competitors must take the necessary occupational health and safety measures specific to their categories before and during the competition.

Sponsorship and Advertising

68. No names or advertisements will be placed on the competition platforms and tracks except with the permission of the Organising Executive Committee.
69. Competitor institutions will be able to advertise their sponsors on their clothes and/or robots in accordance with the Constitution of the Republic of Turkey, the Basic Law on National Education and the Regulation on Social Activities of the Ministry of National Education in a way that does not contradict the principles, principles and objectives specified in the relevant legal regulations.

Other

70. Technical details of the competition will be included in the competition manual of each category.
71. In order to share technological studies and developments and to exchange information, stands will be set up in line with the physical conditions of the competition hall for schools / institutions to exhibit their work. Booth requests will be made by school/institution administrations. Works and procedures related to the stand will be announced on <https://robot.meb.gov.tr> and MEB Robot Mobile Application.
72. The Organisation Executive Committee has the right to make changes in all matters related to the organisation when it deems necessary.
73. If individuals with special needs notify their status at the application stages of the competition, measures will be taken to encourage and facilitate their participation in the competition and to ensure that they benefit from the event to the maximum extent.

AWARDS

1. The awards to be given by TÜBİTAK to the team members who ranked in the top three in each category and the incentive awards are given at the following table.

No	Prize Name	Amount	Category number
1	First Prize	₺25.000,00	15
2	Second Prize	₺18.000,00	15
3	Third Prize	₺12.000,00	15
4	First Prize for Advisor	₺9.000,00	15
5	Second Prize for Advisor	₺6.000,00	15
6	Third Prize for Advisor	₺4.500,00	15
7	Jury Special Award	₺6.000,00	1
8	Best Design Award	₺6.000,00	1
9	Fairplay Award	₺6.000,00	1
10	Jury Special Award for Advisor	₺4.500,00	1
11	Best Design Award for Advisor	₺4.500,00	1
12	Fairplay Award for Advisor	₺4.500,00	1

2. In addition, "Digital Participation Certificate" will be given to all participants participating in the competition.
3. Details about the awards to be given separately by the Ministry of National Education, stakeholder and sponsor institutions and the award ceremony will be announced via <https://robot.meb.gov.tr> and the MEB Robot Mobile application.

Important Notes and Explanations Regarding the Competition

4. In order to raise awareness in schools/institutions, to increase promotion and guidance, students and counsellors who participated and/or ranked in the 17th International MEB Robot Competition will be given the Digital Participation Certificate and other documents they have won in the competition by the school administrations in a ceremony to be attended by students and teachers.
5. The Ministry of National Education will notify the Governorships of the Ministry of National Education in order to reward the students according to the provisions of the Ministry of National Education Directive on the Rewarding of Students who take the first place in International Competitions.

COMPETITION CALENDAR

1	Application Date	21 February 2025-02 May 2025 18.00
2	Category Reports Deadline	02 May 2025 18.00
3	Preliminary Qualification Results	03-07 May 2025
4	Booth Application and Acceptance Procedures	15 April 2025 - 02 May 2025
5	Lottery Registration Procedures	20 May 2025 09.00-18.00 hours
6	Opening Ceremony	21 May 2025
7	Competitions	21 - 24 May 2025
8	Closing Ceremony	24 May 2025

EXECUTIVE BOARD

Name Surname	Place of Duty	Mission
Ali KARAGÖZ	Directorate General of Vocational and Technical Education	General Coordinator
Murat NEDİRLİ	Directorate General of Vocational and Technical Education	Deputy General Coordinator
Coşkun ESEN	Kayseri Provincial Director of National Education	Provincial Coordinator
Cengiz HELVACI	TUBITAK Science and Society department	TUBITAK Representative
Ceyda GOK	General Directorate of Vocational and Technical Education	Communication
Hüseyin KEÇELİ	Ankara Yenimahalle Şehit Mehmet Şengül MTAL	Communication

ORGANISING COMMITTEE

Name Surname	Place of Duty	Mission
Cumali KARAKUŞ	Kayseri Provincial MEM Branch manager	Deputy Provincial Coordinator
Osman YÜCEL	Kayseri Turkey Textile San. Employers' Association MTAL	Authorised Provincial Coordinator
Murat KOÇALI	Ankara Yenimahalle Şehit Mehmet Şengül MTAL	Informatics
R. Necat GÜNEŞ	Ankara Yenimahalle Şehit Mehmet Şengül MTAL	Informatics
Mehmet Mustafa GÜVEN	TUBITAK Science and Society department	TUBITAK Representative
Kübra İSPIRGİL	TUBITAK Science and Society department	TUBITAK Representative
Atıla ERTOĞAN	Istanbul Demiroren Medya MTAL	Digital content
Celal Emrah ÖZDİL	Odunpazarı Vocational Training Centre	Digital content

Ümit ALTUN	Ankara Kalaba MTAL	Digital content
Gamze YURDAKUL	Ankara Kalaba MTAL	Digital content
Okan Gökhan USTA	Samsun Canik MTAL	Electrical Works and IT Infrastructure Responsible
Mustafa ÇELİK	İncirli MTAL	Responsible for opening, exhibition, stand, organisation and award ceremony
Selçuk DAĞDELEN	Erzurum Kazım Karabekir MTAL	Opening, exhibition, stand, organisation and award ceremony
Mehmet KIZGIN	Sincan Fatih MTAL	Opening, exhibition, stand, organisation and award ceremony
Ahmet Enes APAN	Çankırı Kurşunlu MTAL	Opening, exhibition, stand, organisation and award ceremony
Unal SEVİM	Eskişehir Odunpazarı Atatürk MTAL	Translation and Guidance of Foreign Participants
Selma Reşide ATAŞ	General Directorate of Vocational and Technical Education	Organisation
Seda Sultan ÇİÇEK	General Directorate of Vocational and Technical Education	Design

TECHNICAL ADVISORS

Row	NAME SURNAME	WORKPLACE	JOB DESCRIPTION IN THE COMPETITION
1	Haydar GEÇE	Ankara Altındağ Ulus MTAL	Open Project Category
2	İlker GÜLŞEN	Eskişehir Şehit Murat TUZSUZ MTAL	
3	Sinan DURĞUN	Kayseri Hurriyet MTAL	Design&Build Junior Category
4	Turhan ÇALIŞKAN	Şanlıurfa Karaköprü Nazif Bayraktar MTAL	
5	Ibrahim KOÇ	Kayseri Turkey Textile San. Employers' Union MTAL	Design &Build Category

6	Ahmet KAYA	Mersin Tarsus MTAL	
7	Selman Tasar	Konya Adil Karaagac MTAL	Line Follower Basic Level Category
8	Abdurrahman KAVUN	Konya Adil Karaagac MTAL	
9	Ali Sait ÖZER	Konya Technical University	Autonomous Vehicle Category
10	Osman KÖSE	Konya Adil Karaagac MTAL	
11	Aziz KAĞITÇI	Konya Adil Karaagac MTAL	Line Follower Drag Category
12	Yüksel ÇINAR	Konya Adil Karaagac MTAL	
13	Yasar BÜYÜKNACAR	Gaziantep Mehmet Rüştu Uzel MTAL	Mini Sumo Category
14	Ufuk KIZILKAYA	Bartın Fuat Sezgin MTAL	
15	Hakan ÇELİKSOY	Eskisehir Odunpazari Atatürk MTAL	Egg Collecting Robot Category
16	Erkan BAŞAK	Eskisehir Odunpazari Atatürk MTAL	
17	Koray CAN	Cezeri Yeşil Teknoloji MTAL	Underwater Robot Category
18	Mehmet ÖZTÜRK	Bursa Otomotiv End. İhr. Birliği MTAL	
19	Dr. Barış DOĞAN	Marmara University	Unmanned Aerial Vehicle Category
20	Dr. Mustafa Baha BAYRAM	Ankara Battal Gazi MTAL	
21	Birol Sergeant	Samsun Canik MTAL	Labyrinth Master Robot Category
22	Halil TEKEÇ	Samsun Canik MTAL	
23	Mehmet Ali ÜLKER	Kayseri Melikgazi Merkez MTAL	RC Fixed Wing Airplane Category
24	Erdiñç NARIC	Kayseri Melikgazi Merkez MTAL	
25	Abdullah KOÇ	Samsun Atakum MTAL	Archer Category
26	Sezai OĞULLUK	Samsun Atakum MTAL	
27	İrfan KIRLIOĞLU	Demirci Ahi Evran MTAL	Unmanned Surface

28	Can GÖYDAĞ	Kızılpınar Multi-program Anatolian High School	Vehicle Category
29	Mesut KOYUNCU	Konya Adil Karaagac MTAL	Industrial Robotic Arm
30	Dr. Murat AKDOĞAN	Konya Adil Karaagac MTAL	

WARNING

Since the lottery registration process of the competition will be carried out with the application form; The printout of the application form signed and sealed by the directorates of secondary and equivalent schools, BİLSEM, secondary schools, accredited institutions and vocational colleges, and by the heads of departments in universities will be delivered to the registration authorities in the competition hall by the team advisors between **09.00-18.00** on **20.05.2025**. The application of the teams that do not have the application form approved by their schools / institutions will not be accepted. Competitor teams will keep their robots/projects with them during the draw registration. The team that does not have their robots/projects with them will not be registered and the team will not be allowed to compete.

Application No

USER INFORMATION

Name of Institution

Institution Code

ROBOT INFORMATION

Robot Name

Competition Category

PARTICIPANT GROUP INFORMATION

Group Member 1

PHOTO.

Group Member 2

PHOTO.

Consultant Teacher

PHOTO.

Competition Hall Location

Registration Date

.... / /

Institutional Authority

Name Surname
Signature and Seal

ANNEX 2 LETTER OF UNDERTAKING

Student Participating in the Competition

Name Surname		T.C. Identity No	
Date of Birth		Blood Group	
Gender		Email Address	
School Name		Mobile Phone	
Regularly used medication (if any)		Class Level	
Special Health Condition/ Disability Status (If any)		Allergy to medication (if any)	
		Special Condition Related to Food (If any)	

I will participate in the "17th International MEB Robot Competition" for secondary and equivalent schools, secondary and higher education students to be held in Kayseri between 21-24 May 2025 by the General Directorate of Vocational and Technical Education of the Ministry of National Education in cooperation with TÜBİTAK and TİKA.

I will comply with the instructions given by the competition officials / consultant between the aforementioned dates, I allow the publication of the pictures and video recordings related to the competition on social media, I do not have any health problems and discomfort, I accept all kinds of risks that may arise during transportation, I accept and undertake that the Ministry of National Education owns the rights to publish and broadcast all kinds of products to be accepted as output in the written and visual media and press, that I agree to receive all mobile notifications, SMS and e-mail messages related to the competition, that I am responsible for the follow-up of announcements made during the execution of the competitions and notifications from digital channels, and that I will not claim any rights in these matters.

Name Surname		Signature
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Note: This commitment letter is to be filled in by the competitor. The signed version must be scanned and uploaded to the system at <http://robot.meb.gov.tr>. Otherwise, the student will not be accepted to the competition. The wet signed document will be kept by the institution. The responsibility of unrealistic declaration and signature belongs to the person who fills and signs the letter of commitment. For contestants under 18 years of age, it will also be signed by their parents.

I hereby give permission for, of which I am a parent, to participate in the "17th International MEB Robot Competition" for secondary and equivalent schools, secondary and higher education students organised by the General Directorate of Vocational and Technical Education of the Ministry of National Education in Kayseri between 21-24 May 2025 in cooperation with TÜBİTAK and TİKA.

Parent Name and		Signature
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t	Surname	
	Mobile Phone	

ANNEX 3 DISCLAIMER

STUDENT INFORMATION

Name Surname	Person Name Surname	T.C. Identity No	Person T.R Identity Number
Date of Birth	.../.../ Person Birth Year	Classroom	
Gender		No	

	SCHOOL INFORMATION	BILSEM INFORMATION
Name of Institution		
Institution Code		
Organisation Telephone		
Institution Address		

In the 17th International MEB Robot Competition organised by the General Directorate of Vocational and Technical Education for secondary and equivalent schools, secondary education and higher education students in Kayseri between 21-24 May 2025, an agreement has been reached with the Directorate regarding the participation of , a student of class , on behalf of the Directorate, and we hereby declare that we waive all rights of the above-mentioned student regarding the competition and that we will not claim any rights related to the competition in the future.

School Principal	
Name Surname	
Signature and Seal	

An agreement has been reached with the Directorate regarding the participation of, the student of class numbered, whose information is given above, in the 17th International MEB Robot Competition on behalf of the Directorate, and I declare and accept that the responsibility of the student in question, who will compete on behalf of our institution, is entirely on our institution.

Institution Manager	
Name Surname	
Signature and Seal	

Note: This commitment letter will be filled in and signed by the school where the student is enrolled and the BİLSEM or Accredited organisation. The signed version will be scanned and uploaded to the system at <http://robot.meb.gov.tr>. If not uploaded, the student will not be accepted to the competition. The wet signed document will be kept and secured by the team captain. The responsibility of unrealistic declaration and signature belongs to the person who fills and signs the waiver.

CLARIFICATION TEXT ON THE LAW ON THE PROTECTION OF PERSONAL DATA

The scope in which your personal data can be processed by the International MEB Robot Competition (MEB ROBOT) organised by the Ministry of National Education General Directorate of Vocational and Technical Education is explained below. Personal data owners are the persons whose personal data are collected, processed and transferred in accordance

with the provisions of the Law No. 6698 on the Protection of Personal Data (KVKK) and other legislation to which MEB ROBOT is subject for the purposes specified below.

MEB ROBOT shows maximum sensitivity to the security of personal data. Personal data are processed as explained below and within the limits specified in the legislation.

1. Data Controller

Personal data will be processed by MEB ROBOT within the scope of KVKK and MEB ROBOT will be accepted as the data controller.

In this context, MEB ROBOT will take the necessary technical and administrative measures to prevent unlawful processing of personal data, access to personal data and to ensure the preservation of data in accordance with the Laws and Regulations regulated to protect fundamental rights and freedoms, especially the confidentiality of personal data.

2. Purposes of Collecting, Processing and Processing Personal Data

Personal data may vary depending on the opportunities and competitions provided by MEB ROBOT. Personal data may be collected verbally, in writing or electronically through automatic or non-automatic methods, all competition specifications/information forms and other documents related to transactions organised with consent and/or signature, MEB ROBOT Competition units and departments, website, social media channels, mobile applications and similar means.

When call centres or websites are used to use MEB ROBOT services, personal data may be processed by obtaining explicit consent approval when participating in competitions, question and answer meetings, training, seminars or organisations organised by MEB ROBOT.

The data of the teams applying to the robot competitions as a corporate or team and the data of the persons in charge of MEB ROBOT organisation can be processed by MEB ROBOT in accordance with the basic principles of KVKK and the personal data processing conditions and purposes specified in Articles 5 and 6.

The following purposes are aimed at collecting personal data:

- a. To control the entrance and exit of MEB ROBOT participants from the turnstiles or designated places, to use printed paper or digital methods by sharing with legal persons / companies for the purpose of conducting MEB ROBOT competitions,
- b. To create the application record of MEB ROBOT competitions, to determine the qualifications and experience of the applicants, to provide information about the opportunities provided, to specify the report stages in the competition process, to provide information about the elimination, final, technical trips, question and answer meetings, training programmes, to communicate to make announcements,
- c. To communicate with MEB ROBOT, Ministry of Technology and Industry, Scientific and Technological Research Council of Turkey (TÜBİTAK), TİKA and other stakeholders, real persons working in these stakeholders and other participants and to ensure that these stakeholders make the prize and gift payments to the winners among the contestants in accordance with Articles 8 and 9 of the KVKK,
- ç. Within the scope of the Defence Industry Security Law No. 5202, the Law No. 5188 on Private Security Services and the relevant legislation, to obtain identity information and security camera footage in order to ensure the security of personal data of visitors to the MEB ROBOT campus,

3. To whom and for what purpose the processed personal data can be transferred

Personal data collected by MEB ROBOT may be transferred to MEB ROBOT's stakeholders, suppliers, consultants, MEB ROBOT officials, public institutions and organisations legally authorised to receive information, and legally authorised private law/public law legal entities within the scope of the legal reasons of stipulation in the law, fulfilment of legal obligation and performance of the contract and limited to the purposes specified in this document.

MEB ROBOT will be able to transfer personal data to TÜBİTAK, TİKA and other MEB ROBOT stakeholders in order to carry out the necessary work to benefit from MEB ROBOT services by the relevant business units, to ensure the legal and commercial security of MEB ROBOT and the persons who have a business relationship with MEB ROBOT (administrative operations for communication carried out by MEB ROBOT, to ensure the physical security

and control of MEB ROBOT's locations, legal compliance process, financial affairs, etc.), to determine and implement MEB ROBOT's commercial and business strategies, to carry out MEB ROBOT human resources policies.), determination and implementation of MEB ROBOT's commercial and business strategies, MEB ROBOT will be able to transfer personal data to TÜBİTAK, TİKA and other MEB ROBOT stakeholders in order to carry out human resources policies.

4. Method of Collecting Personal Data and Legal Reasons

Personal data; It is obtained verbally, in writing or electronically in order to provide services in line with the above-mentioned purposes and to enable MEB ROBOT to fulfil its obligations arising from the contract and the law in a complete and correct manner.

Personal data collected by these methods; In accordance with the basic principles stipulated by the KVKK, the personal data processing conditions specified in the KVKK are processed for the legal reasons stipulated in the law, the fulfilment of the legal obligation and the performance of the contract and for the purposes specified in Articles 2 and 3 of this text.

5. Rights of Relevant Persons listed in Article 11 of KVKK

The rights of natural persons whose personal data are processed in accordance with Article 11 of the KVKK are as follows:

- i. To learn whether their personal data is being processed or not,
- ii. Request information if personal data has been processed,
- iii. To learn the purpose of processing personal data and whether they are used in accordance with their purpose,
- iv. To know the third parties to whom personal data are transferred domestically or abroad,
- v. To request correction of personal data in case of incomplete or incorrect processing and to request notification of the transaction made within this scope to third parties to whom personal data is transferred,

- vi. To request the deletion or destruction of personal data in the event that the reasons requiring its processing disappear although it is processed in accordance with the provisions of the KVKK and other relevant laws, and to request notification of the transaction made within this scope to third parties to whom personal data is transferred,
- vii. To object to the occurrence of a result to the detriment of the person himself/herself, in particular by analysing his/her processed data through automated systems,
- viii. To request compensation for damages in case of damage due to unlawful processing of personal data,

Applications for the rights listed above, the necessary information identifying the identity of the applicant and the request containing explanations regarding the rights requested to be used among the rights specified in Article 11 of the KVKK should be filled in the Data Owner Application Form at <http://robot.meb.gov.tr>. A signed copy of this form should be delivered to "MEB ROBOT Competition Ministry of National Education, General Directorate of Vocational and Technical Education, Department of Student Affairs and Social Activities 3rd Floor A Blok Atatürk Bulvarı No.98 06648 Bakanlıklar Ankara, TURKEY" in person with documents identifying the identity of the applicant or sent to robotyarismasi@meb.gov.tr via a notary public with an electronically signed document or other methods specified in the KVKK.

MEB ROBOT will finalise the request free of charge within thirty (30) days. If the transaction requires an additional cost, the fee in the tariff determined by the Personal Data Protection Board will be charged.

Applications must be made in Turkish. Applications must include name, surname; signature if the application is in writing; Turkish Republic identification number for citizens of the Republic of Turkey; nationality, passport number/ID number for foreigners; residential or workplace address for notification, e-mail address, telephone or fax number for notification, if any, and the subject of the request.

In the application, which includes the explanations regarding the right that the person whose personal data is processed has and will make in order to exercise the above-mentioned rights and request to exercise the right, the subject requested must be clear and understandable, the subject requested must be related to his / her person or if he / she is acting on behalf of someone else, he / she must be specially authorised in this regard and document his / her authority, the application must contain identity and address information and attach documents identifying his / her identity to the application.

This Personal Data Protection Law Clarification Text (ANNEX-6) has been notified by the Ministry of National Education in the capacity of "Data Controller" within the scope of KVKK.

MINISTRY OF NATIONAL EDUCATION

Clarification Text

This disclosure text has been prepared by the Ministry of National Education General Directorate of Vocational and Technical Education International MEB Robot Competition Organisation as the data controller within the scope of Article 10 of the Personal Data Protection Law No. 6698 and the Communiqué on the Procedures and Principles to be followed in Fulfilling the Disclosure Obligation.

The visual and audio personal data of you and your student will be processed automatically or non-automatically by our institution for the purpose of sharing and promoting the activities organised within the scope of education and training processes with the public, based on the processing condition of "obtaining the explicit consent" of the person concerned in accordance with paragraph 1 of Article 5 of Law No. 6698.

Personal data shared with our institution can only be transferred to judicial authorities / relevant institutions and organisations in case of legal disputes or if requested by the relevant legislation.

Your requests within the scope of Article 11 of the said Law regulating the "rights of the person concerned" can be submitted in writing to the address of International MEB Robot Competition Ministry of National Education General Directorate of Vocational and Technical Education Student Affairs and Social Activities Department 3rd Floor A Blok Atatürk Bulvarı No.98 06648 Bakanlıklar Ankara, TURKEY according to the Communiqué on Application Procedures and Principles to the Data Controller.

EXPLICIT CONSENT

Within the scope of Law No. 6698 on the Protection of Personal Data, I have been informed. Accordingly, the visual and audio personal data belonging to me and the student named
....., of whom I am the parent / first degree relative with the T.C. ID
number, who is studying at the school
.....; To be shared on the official websites of the central
and provincial organisations of the Ministry, stakeholder institutions and organisations and social media
accounts, including the educational institution where my student is studying, for the purpose of sharing
and promoting the activities / events held in the International MEB Robot Competition with the public;

I give my consent	<input type="checkbox"/>	I do not give my consent	<input type="checkbox"/>
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...../...../2025

PARENT / 1ST DEGREE RELATIVE	
Name Surname	
T.C. Identity No	
Signature	

DATA SUBJECT APPLICATION FORM

General Explanations

In the Law No. 6698 on the Protection of Personal Data (KVKK), personal data owners (applicant), who are defined as the data subject, are entitled to make requests regarding the processing of their personal data in Article 11 of the KVKK.

Pursuant to paragraph 1 of Article 13 of the KVKK, applications to be made to our organisation, which is the data controller, regarding these rights must be submitted in writing and by the following methods determined by the Personal Data Protection Board (Board).

In this context, applications to be made to our institution in writing, by printing out this form;

- By personal application of the applicant,
- Through a notary public,
- By registered post with return receipt,
- It can be signed by the applicant with the "secure electronic signature" defined in the Electronic Signature Law No. 5070 and sent to the e-mail address robotyarismasi@meb.gov.tr.

Application Channels for the Delivery of Written Applications

Application Method	Application Address	Application Submission Information to be specified

Application in person (the applicant must come in person and apply to with a document identifying his/her identity)	International MEB Robot Competition Ministry of National Education General Directorate of Vocational and Technical Education Student Affairs and Social Activities Department Head Office 3rd Floor A Block Atatürk Bulvarı No.98 06648 Bakanlıklar Ankara, TURKEY	"Information Request within the scope of the Law on the Protection of Personal Data" shall be written on the envelope.
Notification via notary public	International MEB Robot Competition Ministry of National Education General Directorate of Vocational and Technical Education Department of Student Affairs and Social Activities 3rd Floor A Blok Atatürk Bulvarı No.98 06648 Bakanlıklar Ankara, TURKEY	"Information Request within the scope of the Law on the Protection of Personal Data" will be written on the notification envelope.
By registered post with return receipt	International MEB Robot Competition Ministry of National Education General Directorate of Vocational and Technical Education Department of Student Affairs and Social Activities 3rd Floor A Blok Atatürk Bulvarı No.98 06648 Bakanlıklar Ankara, TURKEY	"Information Request within the scope of the Law on the Protection of Personal Data" will be written on the notification envelope.
By registered electronic mail (KEP) signed with a secure electronic signature	robotyarismasi@meb.gov.tr	"Information Request within the scope of the Law on the Protection of Personal Data" will be written in the

		subject section of the e-mail.
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17TH INTERNATIONAL MEB ROBOT COMPETITION

The applications submitted to us will be answered within thirty days from the date of receipt of the request in accordance with paragraph 2 of Article 13 of the KVKK. Responses will be delivered to the applicant in writing or electronically in accordance with the provision of Article 13 of the KVKK.

A. Applicant Contact Details

Name Surname	
T.R. Identity Number (nationality, passport number or identity number for foreigners)	
Telephone Number	
Email Address (If specified, a faster response will be given)	
Postal Address	

*The above information is obtained in accordance with the Communiqué on the Procedures and Principles of Application to the Data Controller.

B. Please indicate your relationship with our organisation.

Competitor

Counsellor

Visitor

Other



17TH INTERNATIONAL MEB ROBOT COMPETITION

MESLEKİ VE TEKNİK EĞİTİM
GENEL MÜDÜRLÜĞÜ

Please provide details of your relationship with our organisation:

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C. Please specify your request in detail within the scope of KVKK.

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Q. Please select the method by which you will be notified of our response to your application.





17TH INTERNATIONAL MEB ROBOT COMPETITION

MESLEKİ VE TEKNİK EĞİTİM
GENEL MÜDÜRLÜĞÜ

- I want it sent to my address.

- I want it sent to my e-mail address.

(If the e-mail method is chosen, a faster response will be given).

- I'd like to pick it up in person.

(In case of delivery by proxy, a notarised power of attorney or authorisation certificate is required).

In order to eliminate legal risks that may arise from unlawful and unfair data sharing and to ensure the security of personal data, our institution reserves the right to request additional documents and information (identity card, driver's license, other documents that replace official identity, etc.) for identification and authorisation. Our institution does not accept any liability in case the information regarding the requests submitted within the scope of the form is not correct and up-to-date or an unauthorised application is made. The applications made will be charged in accordance with subparagraph 5 of Article 6 and Article 7 of the Communiqué on the Procedures and Principles of Application to the Data Controller.

<u>Applicant (Personal Data Owner)</u>	<u>Parent/Guardian/1st Degree Relative</u>
Name Surname :	Name Surname :
T.C. Identity No :	T.C. Identity No :
Signature : /...../2025	Signature : /...../2025