



Stories from TEKNOFEST: Bursa Uludag University in TEKNOFEST 2021



REPORT 1:

As undergraduate students in the Faculty of Engineering and Health Sciences, we have been active lifelong learners during the COVID-19 pandemic through keeping up with the current research in engineering and medicine and also following activities that take our interest the most, such as TEKNOFEST, for our professional development and professional growth.

Given that there is a growing interest in TEKNOFEST, we aimed to prepare bulletins to share current information about **Bursa Uludag University in TEKNOFEST 2021**. Let's start with introducing TEKNOFEST first.

TEKNOFEST is Turkey's first and only aviation, aerospace and technology festival that was initially held at Istanbul New Airport in September 2018 by the Turkish Technology Team Foundation (T3 Foundation) in collaboration with private companies, ministries and academic institutions.

TEKNOFEST calls for competitions that have been organized by the Turkish Technology Team Foundation (T3 Foundation) and Ministry of Industry and Technology, with the partnership of many organizations that have played a critical role in developing national technology in Turkey (<https://www.teknofest.org/>).



When we examine the competitions in the context of TEKNOFEST, there are six target groups: **Primary School, Middle School, High School, Bachelor's and Master's, Graduated and Enterprise-Private Sector**. In the competitions, there are 29 categories you may involve considering your interest as follows (see <https://www.teknofest.org/en/yarismalar.html>):

1. The Smart Transportation Competition
2. Artificial Intelligence in Health Competition
3. Biotechnology Innovation Competition
4. Educational Technologies Competition
5. Hack Istanbul
6. Helicopter Design Competition
7. Jet Engine Design Competition
8. Heterogeneous Swarm Simulation
9. Tourism Technologies Competition
10. Model Satellite Competition Competition

11. Robotaxi-Full Scale Autonomous Vehicle Competition
12. Robotics Competitions
13. Rocket Competition
14. Digital Technologies Competition In Industry
15. Fighter UAV Competition
16. Swarm UAV Competition
17. Agricultural Technologies Competition
18. Agricultural Unmanned Land Vehicle Competition
19. Travel Datathon
20. Artificial Intelligence in Transportation Competition

21. International Efficiency Challenge Electric Vehicle Races
22. International Unmanned Aerial Vehicle Competition
23. Flying Car Design Competition
24. World Drone Cup
25. Environment and Energy Technologies Competition
26. University Students Research Projects Competitions
27. Communication Technologies Competition
28. Technology For Humanity
29. Unmanned Underwater Systems Competition

TEKNOFEST has been planned to be held at Atatürk Airport on September 21-26, 2021. In this poster, we aimed to share information about the active participation of Bursa Uludag University. There are teams that have included students from Computer Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Faculty of Medicine and submitted proposals for TEKNOFEST 2021.



We should highlight that each team submitted their ***preliminary report*** in line with their deadline.

We give promise that we will report the exact number of applications for TEKNOFEST 2021 and their results once they are announced and we have the formal reports.

Some words we wanted to explain that have been used above:

*In Engineering, the abbreviation UAV refers to **Unmanned Aerial Vehicles**

****Project Preliminary Report** is a formal document that describes specific activities, events, occurrences, or subjects of a project to explain the progress of the project up to a certain point in time.

*****deadline (n)**: the latest time or date by which something should be completed

For the preparation of this poster, our team at Bursa Uludag University and as external reviewers, staff from TEKNOFEST consisted of:

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2- External Reviewers

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3- Designer

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4- Researchers who have investigated ***accurate information*** about Bursa Uludag University's participation

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