

## MIST in Development of Ventilator to Support COVID-19

MIST's Biomedical Engineering Department and Giga Tech (The Futuristic R&D Company of BEXIMCO Group) have been working on developing a prototype ICU Ventilator as R&D project which is an excellent example of Academia-Industry collaboration. With a synthesized cross disciplinary approach, MIST's Biomedical Engineering Department took the leading role in developing a workable, affordable and sustainable 'Ventilator', a critical health care equipment at the moment to save lives due to COVID-19. This project was initiated at the end of March 2020. Being a conventional 'Ventilator', it went through number of challenges most of which have been successfully solved. Now the project is at its final state. The joint team is working together for the common mission - to help the country fighting COVID19 with own strength.

