

UGM Students Initiate Drone Making Business

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Math and Natural Sciences UGM students have developed the business in aeronautics. The students developed the making and training of drone operations.

Ikhsan Tanoto Mulyo, member of the “The Doctor Drone” team, said the business development was part of the efforts to support independence and sovereignty of Indonesian aeronautics through drone making. Currently, most of the drones circulating in the country are imported.

“Most of the drones used in Indonesia are imported products. That’s why we take the lead to help manufacture the drone,” he said on Thursday (22/6) at UGM.

Ikhsan along with fellow students Deva Agus P, Rizky Agung, Muhammad Fadhlullah, and Selvi Faristasari not only produce locally made drones, but also offer services for aerial photo training and drone making.

Presently, the team produced quadcopter drones in two types, which are basic drone and pro- drone that cost Rp6 Rp10 million. Basic drone has specifkations: X330 alumunium, motor RC, timer

750kv, ESC 30 A hobbywing, FC naza lite, propeller 4 cw ccw, and remote 6ch. Meanwhile, pro drone has specifications: Rc timer 750kv, frame 450, propeller 1050, Fc naza and GPS, ESC 30A hobbywing, camera action 1080, video sender TX/RX, and wide ranging remote.

“Now we’re also developing fixed wing drones,” he added.

Ikhsan further described the good specifications of their drones, which is convenient services or *One Stop Service which is a lifetime guarantee and maintenance*.

“We try to make innovations and develop the concept of drone with the more energy level, solar cell multicopter,” he explained.

The drone made by these students are already available in the market. You can order online at *tokopedia, bukalapak* and *Facebook* account of Doctor Drone.

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