

Grand Wing Servo-Tech, Ltd. chairman Mr. Houg-Wen Lin visited MEE and delivered a speech on the applications of UAVs

Grand Wing Servo-Tech, Ltd. chairman Mr. Houg-Wen Lin and Grand Wing Servo-Tech Co., Ltd. chairman Miss Chien-Ju Lin were invited to MEE on April 10th, to present the applications of UAVs as a special topic. During the speech, Mr. Lin shows his enthusiasm and keen on UAVs, including from his initiation of the business, devotion to R&D, development and expanding market across the world, the landscape taken 40 years to achieve the accomplishments of Grand Wing today. Not only the touching presentation from Mr. Lin, but also the informative company's UAV latest models, MEE students and faculties were impressed by his keeping in the first place like 40 years ago and the vitality as a senior UAVs expert.

Mr. Lin began to play remote-controlled drones when he was a high school student. Years later, he was then attempting to work his enthusiasm into the business, and made the Grand Wing products from servo and electronic components extended to UAVs around 20 years ago. "UAVs are not only for entertainment, but there are lots of scientific knowledge and technologies for students to learn. It will greatly cultivate the next generation for talents in our country, if promoted properly" Mr. Lin remarks. "The remote-controlled drones niched down on that we as human beings, dream to fly and fantasize the blue sky. In order to fulfil more general public to stay with this dream, Grand Wing presents drones for fun, to get rid of disciplined, unreachable image, with affordable price for winning customers." For this reason, Mr. Lin always advises his R&D engineers to throw arrogant mindset away, to design UAVs with all hearts from the customers side, as beginners, and to deliver outstanding quality products. Grand Wing Co., Ltd. chairman Miss Chien-Ju Lin, who is the daughter of Mr. Lin, gave a brief during the speech, too. Miss Lin introduced the applications of UAVs in many fields, for example, well-known defence/military, foreseen disasters and rescue, agriculture, geography investigations, emergency and first aids. All the above UAVs may assist, and those require the capability of UAVs such as high-tech dynamics, aerodynamics, and propulsions, efficient power systems, advanced performance sensors/electronics. In the end of speech, both two chairmen show their generousness and promise they are very happy to support MEE, for MEE to build up a UAV team.

MEE chairman Mr. Chao-Ming Lin also made a conclusion about the speech by Mr. Lin and Miss Lin, "the speech given is fully agreed with the projects running at the moment among the Lab teams in MEE, and inspire students and faculties toward practical purposes on their researches." Especially, MEE is executing the smart vehicle

development project (including research platform for modulization of electrical vehicles, intelligent control system, Smart Analysis and Design for Mechanical System, and intelligent energy management system, four sub-projects, supported by Higher Education SPROUT Project), the smart car base project (with National Yunlin University of Science and Technology), and the CHENBRO-SYNTECH cup the Intelligent robots industrial & academic joined workshop project. Faculties are working hard for funding and actively participate industry events. Giving the credit to the two chairmen, for their speech on applications of UAVs as a special topic, MEE students have leant state-of-the-art of UAVs, enjoyed the lively classroom interaction with industry experts, and gained invaluable learning opportunity in the same time engaging with industry and establishing the outreach.



Fig. 1. Grand Wing Servo-Tech, Ltd. chairman Mr. Houg-Wen Lin mentioned that remote-controlled UAVs are not only for entertainment, but there are a lot of scientific knowledge and technologies involved.



Fig. 2. Grand Wing Servo-Tech Co., Ltd. chairman Miss Chien-Ju Lin shared about the applications of UAVs in defense and military, foreseen disasters and rescue, agriculture, geography investigations, emergency and first aids.