



Mahatma Gandhi University

SCHOOL OF ENVIRONMENTAL SCIENCES

Priyadarsini Hills P.O., Kottayam-686560, Kerala, India

APPLICATIONS INVITED TO THE DRONE REPAIR AND MAINTENANCE CERTIFICATE PROGRAMME

Applications are invited for the Certificate Programme in Drone Repair And Maintenance conducted by Dr R. Satheesh Centre for Remote Sensing and GIS, School of Environmental Sciences, Mahatma Gandhi University, Kottayam (Established in 2003 with the support from ISRO, Dept of Space, Govt. of India under the prestigious National Natural Resources Management System programme of the nation), in technical partnership with Asia Soft lab Pvt Ltd, a subsidiary organisation, SG group of Institutions Malaysia (also spread across Europe, Australia and Asia Pacific).

The course equips students with the theoretical knowledge and practical skills needed to diagnose, troubleshoot, and repair various types of drones and is strategically crafted to empower students for prospective careers in drone repair and maintenance. Facilitated over 30 days, the course focused on Drone Repair and Maintenance approves prospective applicant.

The curriculum encompasses modules such as

Identification of types: Drone, battery, battery specifications, battery charging techniques in drone.

Drone: Rules and regulations, applications, important safety precautions, basic mechanism, disassembling and reassembling

Test and troubleshoot: Drone gimbal, Drone payload, Flight Controller Board (FCB), Electronic Speed Controller (ESC) and its associated peripherals, different sensors and their characteristics and repair technology which is commonly used in different drones.

Identify: Common error messages and resolve them, corrections by software debugging, various electronic SMD components soldering and desoldering.

Prospective applicants, who possess the secondary school examination certificate (SSLC) and aged 18 or above to join the programme or RPC (Remote Pilot Certificate) holders, are invited to apply for the course.

For application forms and other details, please visit <https://ses.mgu.ac.in/> OR <https://asiasoftlab.in/>. The deadline to receive filled-in application form for the first batch is **12th February 2024**. Contact: The Co-ordinator, Dr. R. Satheesh Centre for Remote Sensing and GIS, School of Environmental Sciences, Mahatma Gandhi University, Priyadarshini Hills P. O., Kottayam- 686560. For any further queries and clarifications contact via Ph: 7012147575/ 9395346446/ 9446767451. Email: uavsesmgu(@gmailcom/info@asiasoftlab.

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