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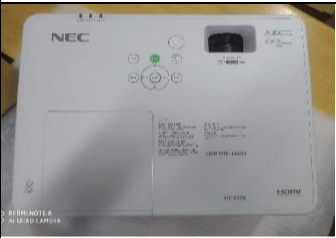















## THE PURCHASED EQUIPMENT AND ITS USE AT MONGOLIAN UNIVERSITY OF LIFE SCIENCES UNDER THE URGENT PROJECT PARTNER 7



The implementing frameworks under the URGENT project helped us not only identify gaps in the existing curriculum and develop the list of courses to be revised or developed by MULS, but also identified the equipment that needs to be purchased by the project that would support to strengthen the study laboratory to our students current needs. The list of equipment and its technical specifications approved by the project coordinator and the MULS-P7 by Order A/214 of the president of the MULS on the purchase of equipment for the establishment of new laboratory and video studio. The following equipment are procured and installed MULS under the URGENT project.

### Purchased equipment list under the URGENT project

№	Purchased equipment		Photo
	Name of equipment	Number of equipment	
1	Dell Optiplex 7090 Desktop i7, 8G, 1T, RX640 11th Gen Intel Core i7- 11700, 8GB (1x8GB) DDR4 non ECC memory, 3.5 inch 1TB 7200rpm SATA HDD, AMD RX 640 4GB FH (DP,mDP,mDP), 8x DVD+,-RW 9.5mm Optical Disk Drive, Keyboard, Mouse, 250G M.2 2280 Kingston NVMe S SNVS/250G SNVS/250G, Dell SE2422H Full HD LED Display 23.8" LED 1920x1080 16.7Million Colour 3000:1,16:9 HDMI VGA	7	
2	ASUS TUF DASH F15 Gaming and Entertainment Laptop, 8G Intel i7-11370H 4-Core, 8GB RAM, 512GB PCIe NVMe M.2 SSD, 15.6" 144Hz Full HD (1920x1080), NVIDIA RTX 3060, Wifi, Bluetooth, 1xUSB 3.2, 1xHDMI, Win 10 Home, 8G DDR4 Kingston 3200MHz for Laptop KVR32S22S8/8	2	
3	ASUS TUF GAMING Z690-PLUS D4 TUF GAMING Z690-PLUS D4, 12th Gen Intel® Core™ i9- 12900K Processor Boxed (30M Cache, up to 5.20 GHz), # of Cores 16, # of Threads 24, ASUS ROG Strix LC II 240 ARGB all-in-one liquid CPU cooler with Aura Sync, Intel® LGA1700/1200/1150/1151/1152/1155 /1156/2011/2011-3/2066 and AMD AM4/TR4 support and dual ROG 120 mm addressable RGB radiator fans ROG STRIX LC II 240 ARGB, 2x 16G DDR4 Kingston 3200MHz KVR32N22D8/16, 500G M.2 2280 Kingston NVMe S SNVS/500G, ASUS TUF Gaming GeForce RTX™ 3060 V2 OC Edition 12GB GDDR6 buffed-up design with chart-topping thermal performance. TUFRTX3060-O12G-V2-GAMING, Dell KB216 USB Keyboard, Dell MS116 USB Mouse, Cooler Master 1 8,389,999.99 MasterBox TD500 Mesh Case White MCB - D500D -WGNN -S00, Cooler Master LTE Bronze 750W Power Supply, Dell SE2422H Full HD LED Display 23.8" LED 1920x1080 16.7Million Colour 3000:1,16:9 HDMI VGA	1	

4	Apple MacBook Pro 13 -inch M1, 512G	1	
5	NEC MC422XG Projector 4200 ANSI XGA LCD 16000:1 2xHDMI 12000 hrs (15000 ECO)	1	
6	<p>MAVIC2 ZOOM DRONE</p> <p>Powered by a 1/2.3-inch 12MP sensor with up to 4x zoom, including a 2x optical zoom (24–48 mm), the Mavic 2 Zoom camera drone is all about dynamic perspectives. Up to 31 minutes flight time, 44 mph max speed, 905G takeoff weight, 3-axis gimbal for steady shots, 8GB internal storage, SD card Support up to 128 GB. Functions include ActiveTrack 2. Omnidirectional Obstacle Sensing, Hyperlapse, Low-Noise Design, Adjustable Aperture, HDR Photos, Dolly Zoom The standard remote controller offers up to 135 minutes of battery life on a full charge. Intelligent Flight Battery, Gimbal Protector, Remote Controller, 3x Propellers (Pair), Battery Charger, Power Cable, Communication Cable, USB Adapter, Spare Control Sticks, RC Cable, RC Cable, RC Cable.</p>	1	 
7	Canon stereo microphone DM-E100	2	
8	Portable Outdoor Wireless Bluetooth 4.2 Speaker	1	
9	Security bag for camera	1	

10	Canon EOS, MARK III (BODY)	1	
11	Cleanser for Canon lens, body	1	
12	Canon lens 24-70MM F2.8L IS USM	1	
13	Memory cards: 64 & 128Gb	1	
14	Vanguard tripod world veo 2 235AP*1 Canon speedlite 580EX 2-RT*1 Godox led-light 500*2, Light leg*2	6	
15	Sketch tablet Wacom TDK 1660K0A Cintiq 16 Drawing TABLET	1	
16	GPS Garmin Worldwide basemap 2.2" 65K color, sunlight-readable display GPS and GLONASS satellites for faster positioning Paperless geocaching 25-hour battery life with 2 AA batteries	2	
17	dbh tape	1	

18	Nikon Forestry Pro Laser Rangefinder	1	
19	Haglof 16 inch	1	

**The study laboratory strengthening:** EU-ERASMUS+, the project and the partner's logos have been placed on the all equipment.



The “**Landscape architecture planning laboratory**” is located in second floor of School of Agroecology, MULS main building, and used for educational process of bachelor, master and doctoral programs. Also, the purchased equipment of the “**Video studio**” is using for various activities such as developing E-courses, dissemination of projects that are implemented at the MULS, and other information dissemination and promotion activities.





The computers and other equipment are installed in the computer room which is named “Landscape architecture planning laboratory” and is being used regularly by undergraduate (4<sup>th</sup> grade 11 students- “Urban green space planning” BSc revised course under the URGENT; 3<sup>th</sup> grade 14 students-“Park garden” course; 3<sup>th</sup> grade 14 students-“Computer mapping of Landscape architecture” course) and graduate students (PhD research studies of A.Belguun, Kh.Munkhtuvshin) who are majoring in landscape architecture (Figure 1, 2).

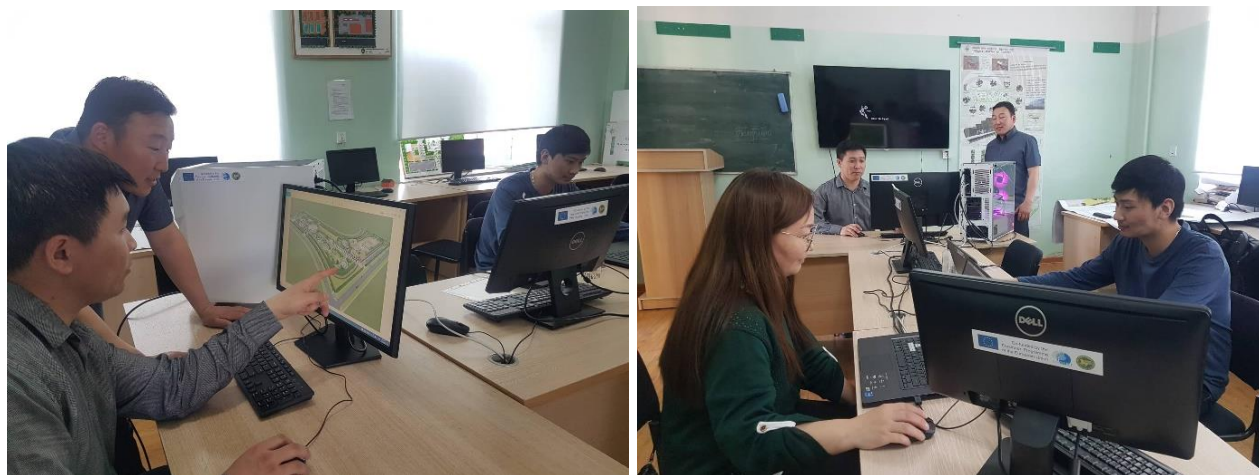




Figure 1. Currently, 3<sup>th</sup> grade undergraduate students are showing their best practical artworks at (“Park garden” BSc course) which made in the Landscape architecture planning laboratory.

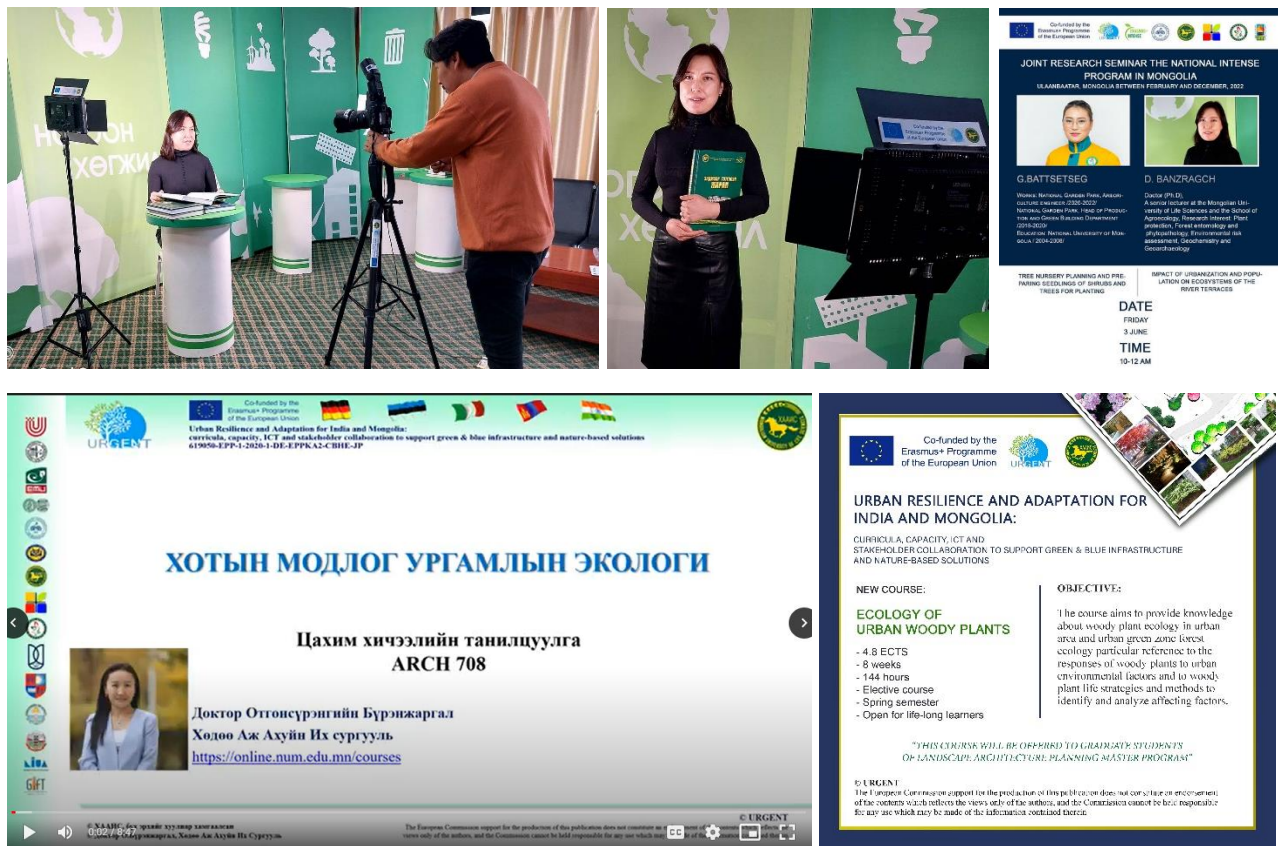


Figure 2. Purchased equipment of the “Video studio” is using for various activities such as developing E-courses, dissemination of projects that are implemented at the MULS, and other information dissemination and promotion activities.