Inventory Status Report Form

Date: November 4, 2020

Address: Department of Industrial Systems Engineering (ISE),
Asian Institute of Technology (AIT)
58, Moo 9, Paholyothin Rd.,
Klong Neung, Klong Luang, Pathumthani, 12120

Name: Dr. Pisut Koomsap
(Partner's Leader, P9)

On behalf of Asian Institute of Technology (P9), I hereby update the current status of the equipment received from the Erasmus+ Curriculum Development of Master's Degree Program in Industrial Engineering for Thailand Sustainable Smart Industry (MSIE4.0) as follows:

Name: Mr. Ekarin Thongchanlr. (Administrative Staff), OPIA
(Institute Inventory Officer at Asian Institute of Technology)

I hereby confirm the equipment received from the Erasmus+ Curriculum Development of Master's Degree Program in Industrial Engineering for Thailand Sustainable Smart Industry (MSIE4.0) as listed below are properly registered under the inventory system of the institute:

[Please repeat the table header on individual pages.]

List of Equipment							
Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
Automated Storage & Retrieval System (ASRS) Station - S1	1	P9-9-S1-000000-00	Teaching & Learning	1	2020-163-00195	Learning Future Factory Laboratory	Good
Control Box for ASRS	1	P9-9-S1-300420-01	Operating ASRS (S1)	2	2020-163-00056	Learning Future Factory Laboratory	Good

List of Equipment							
Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
Tiling Automation Station - S2	1	P9-9-S2-000000-00	Teaching & Learning	3	2020-163-00196	Learning Future Factory Laboratory	Good
AGV Station - S3	5	P9-9-S3-000000-01, P9-9-S3-000000-02, P9-9-S3-000000-03, P9-9-S3-000000-04, P9-9-S3-000000-05	Teaching & Learning	4	2020-163-00027/1, 2020-163-00027/2, 2020-163-00027/3, 2020-163-00027/4, 2020-163-00027/5	Learning Future Factory Laboratory	Good
Conveyor System Station - S4	1	P9-9-S4-000000-00	Teaching & Learning	5	2020-163-00197	Learning Future Factory Laboratory	Good
Collaborative Robots Station - S6	1	P9-9-S6-000000-00	Teaching & Learning	6	2020-163-00198	Learning Future Factory Laboratory	Good
UR 5e	2	P9-9-S6-160620-01.1, P9-9-S6-160620-01.2	Teaching & Learning	7	2020-163-00098 A/1, 2020-163-00098 A/2	Learning Future Factory Laboratory	Good
Robot UR-5e -Gripper1	1	P9-9-S6-160620-01.3	Teaching & Learning	8a	2020-163-00098 B	Learning Future Factory Laboratory	Good
Robot UR-5e -Gripper2	2	P9-9-S6-160620-01.4	Teaching & Learning	8b	2020-163-00098 C	Learning Future Factory Laboratory	Good
Collaborative AM Station - S7	1	P9-9-S7-000000-00	Teaching & Learning	9	2020-163-00199	Learning Future Factory Laboratory	Good

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Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
Tecnomatix & NX	16 +5 +5	P9-1-L-160320-01, P9-2-L-160320-01, P9-3-L-160320-01, P9-5-L-160320-01, P9-6-L-160320-01, P9-9-L-160320-01	Teaching & Learning	10	2020-163-00200	Learning Future Factory Laboratory	Good
3D Scanner Einscan-SE	1	P9-9-L-090719-01.1	Teaching & Learning	11	2019-163-00157	Learning Future Factory Laboratory	Good
3D Scanner Einscan Pro 2X	1	P9-9-L-090719-01.2	Teaching & Learning	12	2019-163-00156	Learning Future Factory Laboratory	Good
3D Printer Guider IIs	1	P9-9-L-090719-01.3	Teaching & Learning	13	2019-163-00155	Learning Future Factory Laboratory	Good
3D Printer Adventurer 3	8	P9-9-L-090719-01.4	Teaching & Learing	14	2019-163-00154/1	Immersive Classroom (R. 235)	Good
		P9-9-L-090719-01.5			2019-163-00154/1	AM Space (R.104 B), Learning Future Factory Laboratory	Good
		P9-9-L-090719-01.6			2019-163-00154/1		Good
		P9-9-L-090719-01.7			2019-163-00154/1		Good
		P9-9-L-090719-01.8			2019-163-00154/1	Immersive Classroom (R. 235)	Good
		P9-9-L-090719-01.9			2019-163-00154/1	AM Space (R.104 B), Learning Future	Good

						Factory Laboratory	
		P9-9-L-090719-01.10	Teaching & Learning	14	2019-163-00154/1	Immersive Classroom (R. 235)	Good
		P9-9-L-090719-01.11			2019-163-00154/1	AM Space (R.104 B), Learning Future Factory Laboratory	Good
HPE ProLiant DL360 Gen10 8SFF CTO Serv (server)	1	P9-9-L-270319-01.1	Dedicated server for v-class.	15	2020-164-00070	AIT Extension (R. 202-A)	Good
Dell PowerEdge T440 2X Intel Xeon Silver (server) including HP USB Essential Keyboard and Mouse, HP 22yh 21.5 TN Display, APC Smart-UPS	1	P9-9-L-270319-01.2	Install license software for remote access	16	2019-164-00071	Learning Future Factory Laboratory	Good
Samsung LED 23.5' LS24F350FHE	11	P9-9-C-09032020-01.10	Teaching & Learning	17 a	2020-164-00032/1	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.11			2020-164-00032/2	TV set, Immersive Classroom (R. 235)	Good
		P9-9-C-09032020-01.12			2020-164-00032/3	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.13			2020-164-00032/4		Good
		P9-9-C-09032020-01.14			2020-164-00032/5		Good
		P9-9-C-09032020-01.15		17 b	2020-164-00032/6	TV set, Immersive Classroom (R. 235)	Good
		P9-9-C-09032020-01.16			2020-164-00032/7	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.17			2020-164-00032/8		Good
		P9-9-C-09032020-01.18			2020-164-00032/9	TV set, Immersive Classroom (R. 235)	Good

		P9-9-C-09032020-01.19		17 b	2020-164-00032/10	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.10			2020-164-00032/11		Good

List of Equipment							
Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
CPU INTEL 1151 CORE I5-9400F 2.90 GHZ MAINBOARD 1151 MSI Z390-A PRO 8 GB DDR4/2400 RAM PC APACER BLACK (X2) 1 TB HDD SEAGATE BARRACUDA 7200RPM SATA3 CASE COUGAR MX330-X POWER SUPPLYCORSAIR 550W VS550 VGA GIGABYTE QUADRO P620 2GB DDR5 **Including following accessories:** (a.) KEYBOARD & MOUSE LOGITECH MK345 WIRELESS BLACK [1 set] (b.) CABLE (สายจอมอนิเตอร์) UGREEN HDMI 2.0 60HZ 3.0 M. [2 pieces] (c.) CABLE (สายจอมอนิเตอร์) UGREEN HDMI 2.0 30HZ 5.0 M. [1 piece] (d.) ADAPTER CONVERTER UGREEN MINI DP PORT TO HDMI [3 pieces] (e.) WINDOWS PRO 10 64BIT ENG (OEM) [1 license]	2	P9-9-C-09032020-01.1	Teaching & Learning	18 a	2020-164-00031/1	TV set, Immersive Classroom (R. 235)	Good
		P9-9-C-09032020-01.2		18 b	2020-164-00031/2	Learning Future Factory Laboratory	Good

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PC Lenovo Legion T530-28ICB, RAM 8GB for PC Lenovo Legion T530-28ICB, Cable HDMI (V.14)M/M 3M. UNITEK	7	P9-9-C-09032020-01.3	Teaching & Learning	19	2020-164-00028/1	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.4			2020-164-00028/2	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.5			2020-164-00028/3	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.6			2020-164-00028/4	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.7			2020-164-00028/5	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.8			2020-164-00028/6	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.9			2020-164-00028/7	Learning Future Factory Laboratory	Good
Webcam Logitech (Brio) 4k HD 2160p Right Light 2-Y	1	P9-9-E-110320-02	Online communication at S6	20	2020-163-00203	Learning Future Factory Laboratory	Good
Canon EOS M50	1	P9-9-E-130219-01	For broadcasting project activities for dissemination	21	2019-163-00069 A	Learning Future Factory Laboratory	Good

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UPS APC BACK (700VA/390WATTS)	9	P9-9-C-09032020-01.21	Power Backup	22	2020-164-00030/1	TV set, Immersive Classroom (R. 235)	Good
		P9-9-C-09032020-01.22			2020-164-00030/2	Learning Future Factory Laboratory	Good
		P9-9-C-09032020-01.23			2020-164-00030/3		Good
		P9-9-C-09032020-01.24			2020-164-00030/4		Good
		P9-9-C-09032020-01.25			2020-164-00030/5		Good
		P9-9-C-09032020-01.26			2020-164-00030/6		Good
		P9-9-C-09032020-01.27			2020-164-00030/7		Good
		P9-9-C-09032020-01.28			2020-164-00030/8		Good
		P9-9-C-09032020-01.29			2020-164-00030/9		Good
TP-Link Deco M9 Plus AC2200 Smart Home Mesh Wifi System	2	P9-9-E-110320-01.1	For creating communication network for the lab	23	2020-163-00204	Learning Future Factory Laboratory	Good
		P9-9-E-110320-01.1					Good
Aluminum Ladder A 7 Steps thick Barco	2	P9-9-L-061219-01.1	For assembly of ASRS	24	2020-163-00205	Learning Future Factory Laboratory	Good
		P9-9-L-061219-01.1					Good

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Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
Saw slide table with stand MAKITA MLT 100s	1	P9-9-L-111119-01.1	Cutting aluminum profiles for building stations in the lab	25	2020-163-00232	Learning Future Factory Laboratory	Good
Cordless impact drill Bosch (Bosch Professional GSB 180-L1)	1	P9-9-L-111119-01.2	For assembly stations in the lab	26	Non F/A 142-2019	Learning Future Factory Laboratory	Good
Logitech MeetUP	1	P9-9-E-101018-01	Online meeting	27	2019-163-00033/1	Project Office (R. 234)	Good
BROTHER MFC-9330CDW (3Y*)	1	P9-9-E-180219-01	Printing & scanning documents	28	2019-163-00034/1	Project Office (R. 234)	Good
GoPro Hero7 Black	7	P9-9-E-010720-01.1	For broadcasting learning activities in the lab & immersive classroom	29	Non F/A 72-2020/1	Immersive Classroom (R. 235)	Good
		P9-9-E-010720-01.2			Non F/A 72-2020/2	Learning Future Factory Laboratory	Good
		P9-9-E-010720-01.3			Non F/A 72-2020/3	Project Office (R. 234)	Good
		P9-9-E-010720-01.4			Non F/A 72-2020/4		Good
		P9-9-E-010720-01.5			Non F/A 72-2020/5		Good
		P9-9-E-010720-01.6			Non F/A 72-2020/6		Good
		P9-9-E-010720-01.7			Non F/A 72-2020/7		Good

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Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
Dual LCD Battery Charger	2	P9-9-E-300420-01.7	For charging Battery Pack NP-F970/F960	30	2020-163-00055 D1	Immersive Classroom (R. 235)	Good
		P9-9-E-300420-01.8			2020-163-00055 D2	Learning Future Factory Laboratory	Good
Baterry Pack NP-F970/F960	6	P9-9-E-300420-01.9	For Hollyland MARS 400	31	2020-163-00055 C1	Immersive Classroom (R. 235)	Good
		P9-9-E-300420-01.10			2020-163-00055 C2	Learning Future Factory Laboratory	Good
		P9-9-E-300420-01.11			2020-163-00055 C3	Project Office (R. 234)	Good
		P9-9-E-300420-01.12			2020-163-00055 C4		Good
		P9-9-E-300420-01.13			2020-163-00055 C5		Good
		P9-9-E-300420-01.14			2020-163-00055 C6		Good
Hollyland MARS 400	4	P9-9-E-300420-01.3	For broadcasting learning activities in the lab & immersive classroom	32 a	2020-163-00055 B1	Immersive Classroom (R. 235)	Good
		P9-9-E-300420-01.4			2020-163-00055 B2		Good
		P9-9-E-300420-01.5		32 b	2020-163-00055 B3	Learning Future Factory Laboratory	Good
		P9-9-E-300420-01.6			2020-163-00055 B4		Good
AGP Spiral Drill Bit T14 450 W 14 mm	1	P9-9-L-271119-01	For making components in the lab	33	Non F/A 156-2019	Learning Future Factory Laboratory	Good

List of Equipment							
Reported by the Partner Leader					Reported by the Institute Inventory Officer		
Description	Q' ty	MSIE 4.0 Product ID	Purpose of Usage	Figure No.	Institute Inventory No.	Current Location	Condition
ATEM Mini Pro	2	P9-9-E-300420-01.1	For broadcasting learning activities in the lab & immersive classroom	34	2020-163-00055 A1	Immersive Classroom (R. 235)	Good
		P9-9-E-300420-01.2			2020-163-00055 A2	Learning Future Factory Laboratory	Good
BOYA BY-WM4-PRO	1	P9-9-E-141020-01	For online communication & for communication with large group of audience in the lab	35	2020-163-00207	Learning Future Factory Laboratory	Good
Soundbar SONY HT S-350	1	P9-9-C-051219-02.6	Teaching & Learning	36	2019-166-00266/1	Immersive Classroom (R. 235)	Good
LED TV 75 SONY 4K ANDROID DTV KD-75X800 **Including** A set of TV stands with the project logo and Erasmus Plus logo	3	P9-9-C-051219-01.16	Teaching & Learning	37	2019-166-00265/1, 2019-166-00267/1	Immersive Classroom (R. 235)	Good
		P9-9-C-051219-01.18			2019-166-00265/2, 2019-166-00267/2		Good
		P9-9-C-051219-01.17			2019-166-00265/3, 2019-166-00267/3		Good

Figure 1. ASRS – S1

Figure 2. Control Box for ASRS

Figure 3. Tiling Automation Station – S2

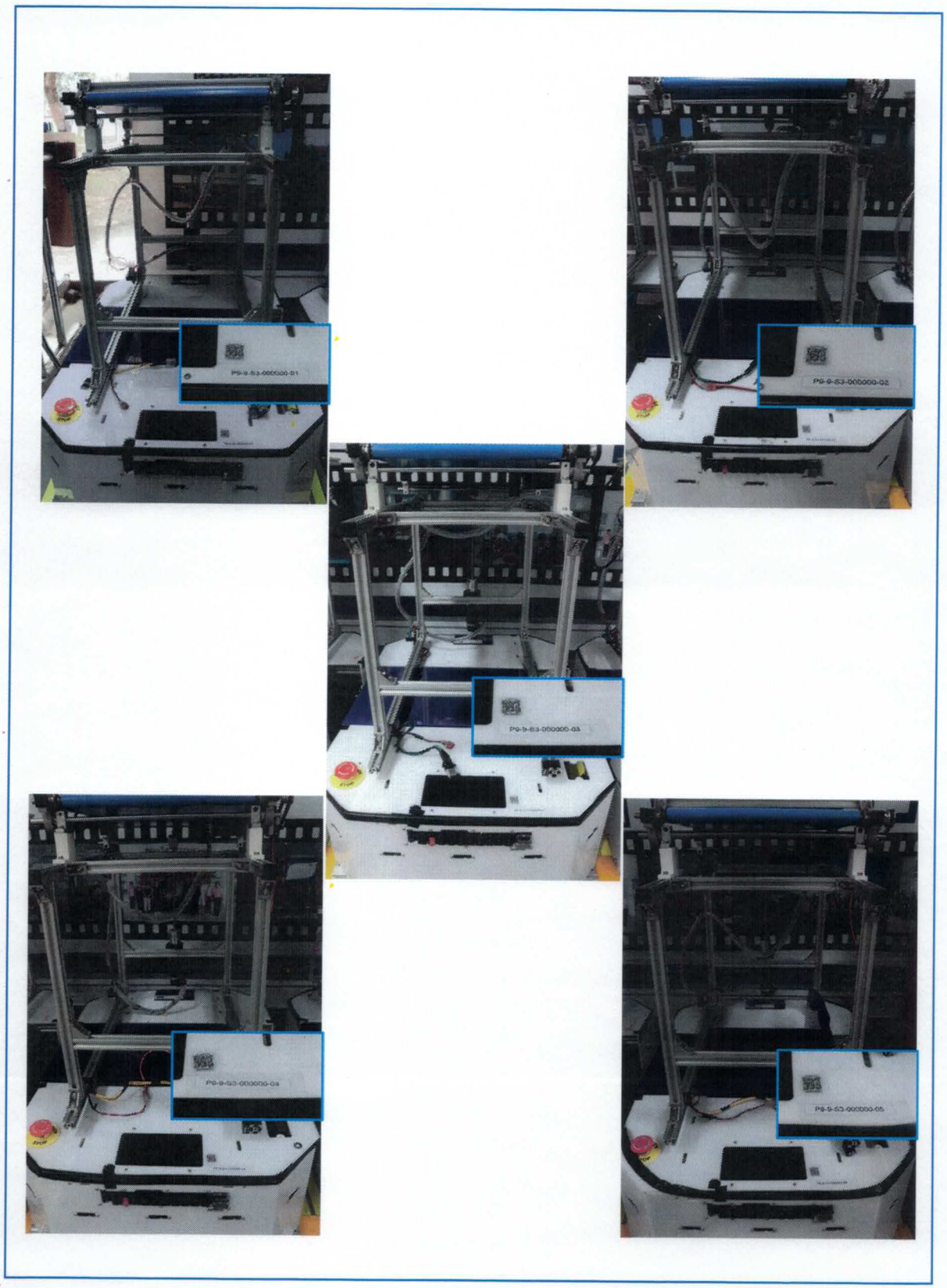

Figure 4. AGV Station – S3

Figure 5. Conveyor System Station – S4

Figure 6. Collaborative Robots Station – S6

Figure 7. UR 5e

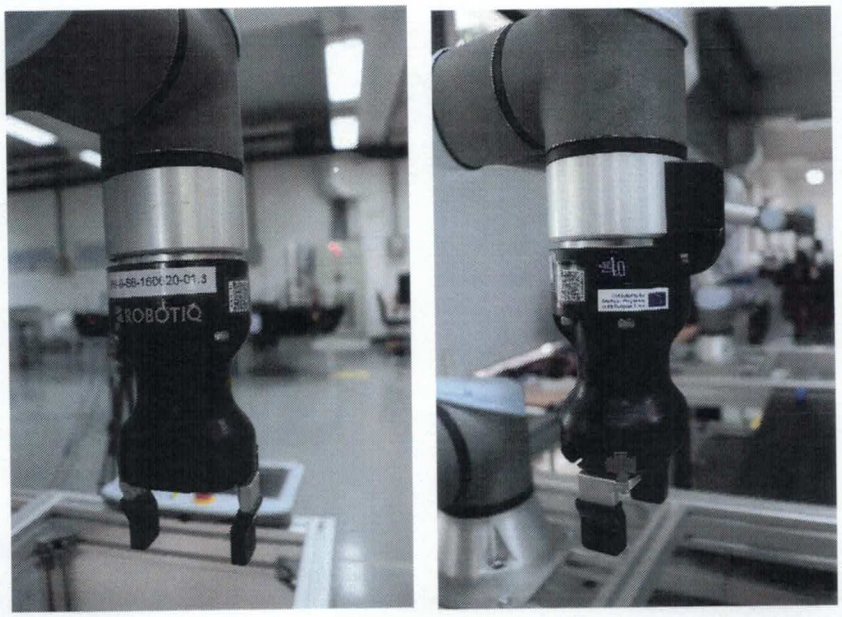

Figure 8a. Robot UR5 5e – Gripper 1

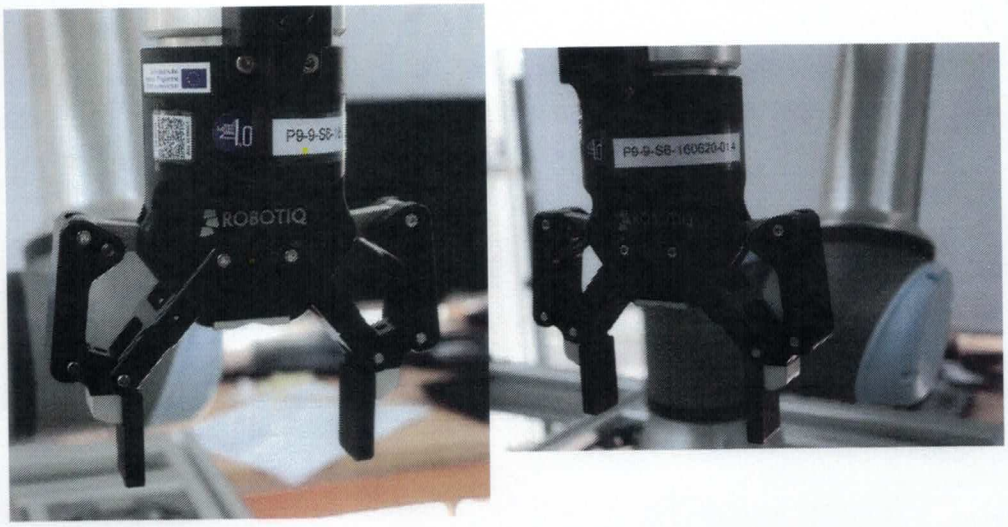

Figure 8b. Robot UR5 5e – Gripper 2

Figure 9. Collaborative AM Station – S7

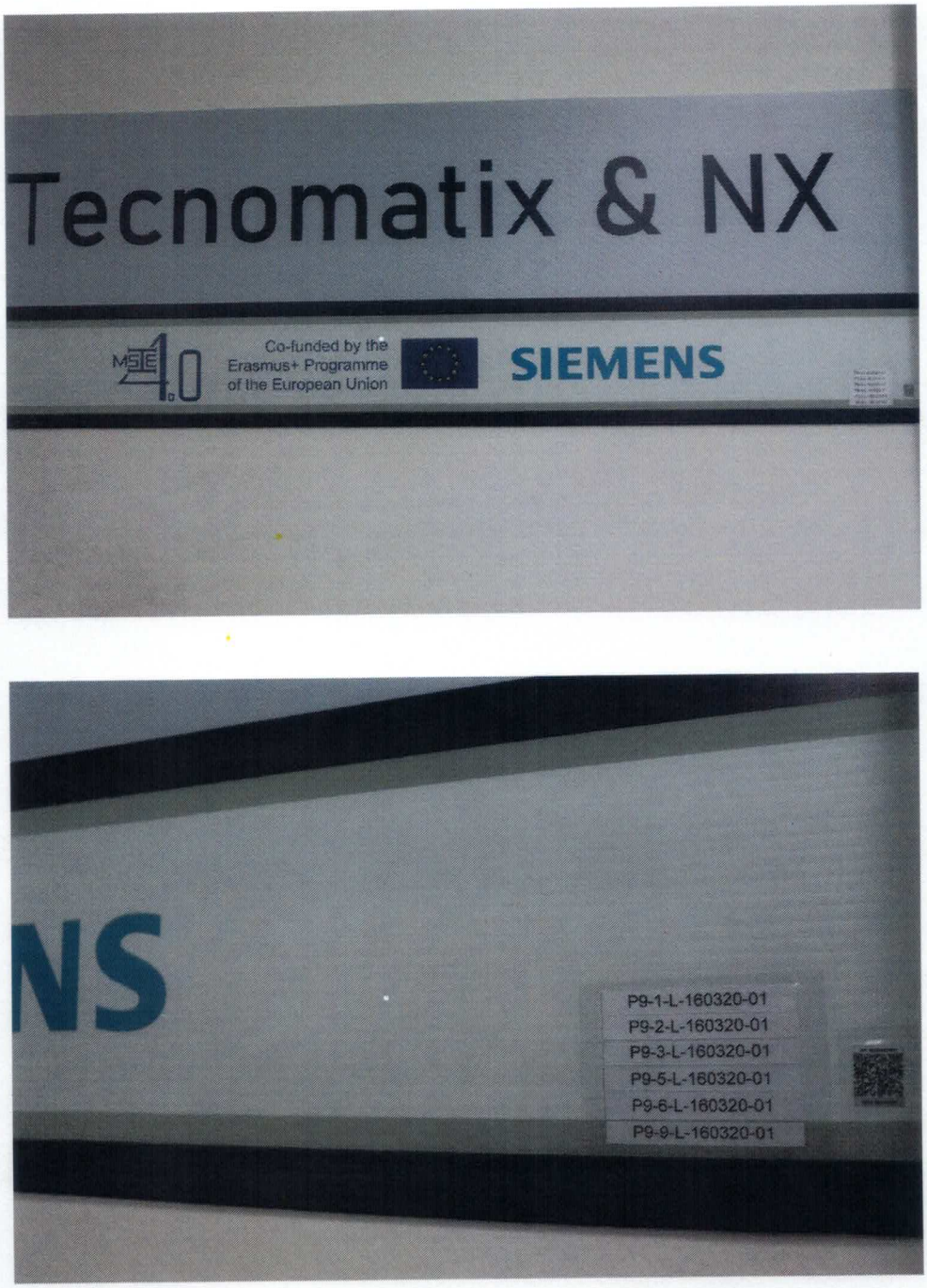

Figure 10. Tecnomatix & NX

Figure 11. 3D Scanner Einscan - SE

Figure 12. 3D Scanner Einscan Pro 2X

Figure 13. 3D Printer Guider IIs

Figure 14. 3D Printer Adventurer 3

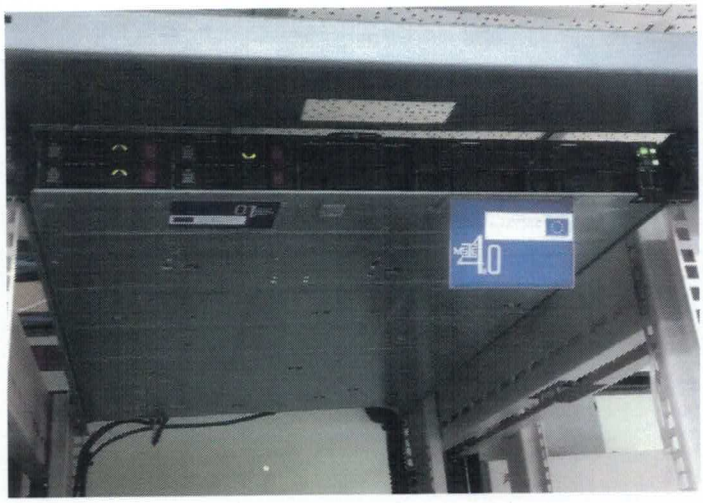

Figure 15. HPE Proliant DL360 Gn10 8SFF CTO Serv (server)

Figure 16. Dell PowerEdge T440 2X Intel Xeon Silver (server) including HP USB Essential Keyboard and Mouse, HP 22yh 21.5 TN Display, APC Smart-UPS

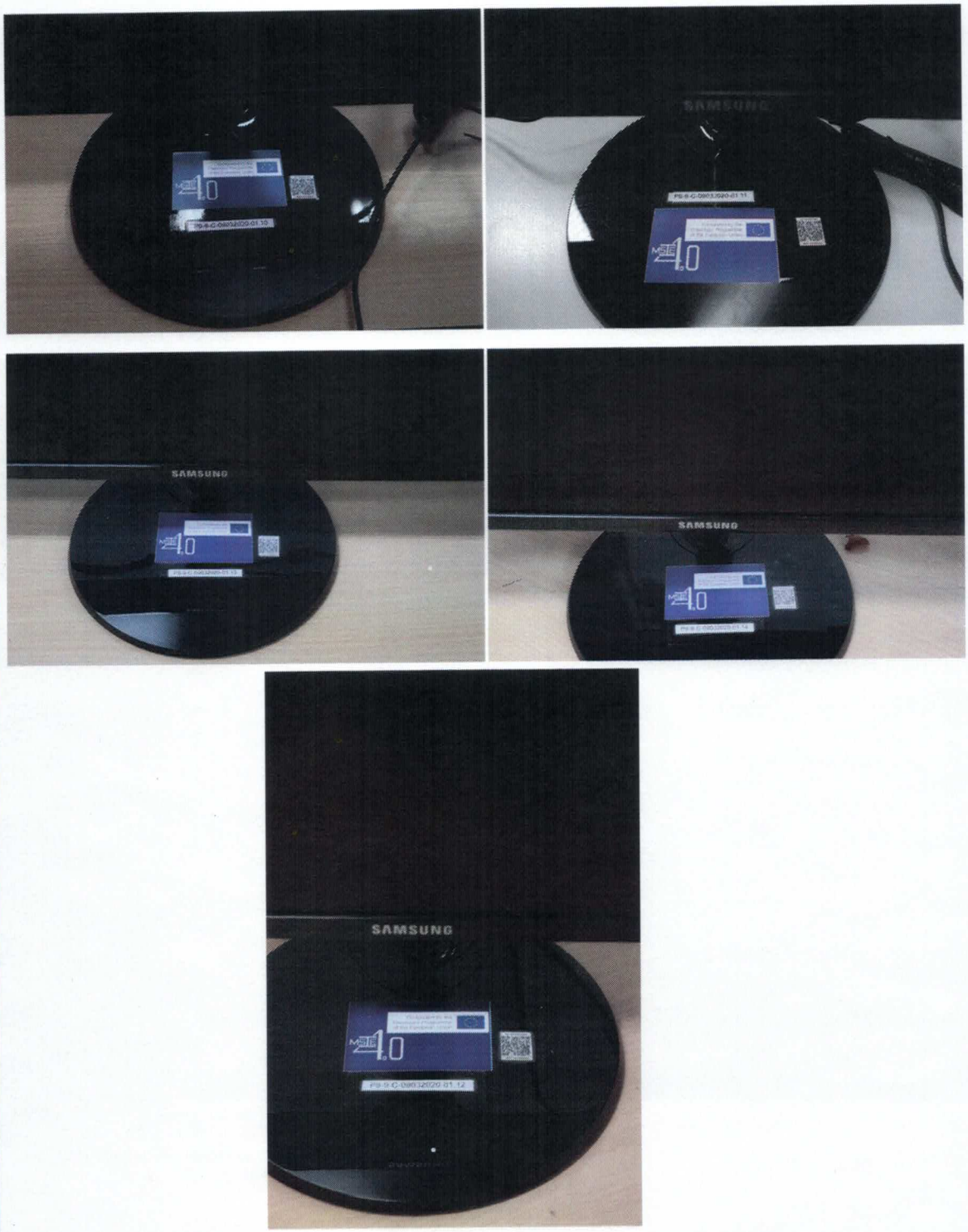

Figure 17a. Samsung LED 23.5' LS24F350FHE

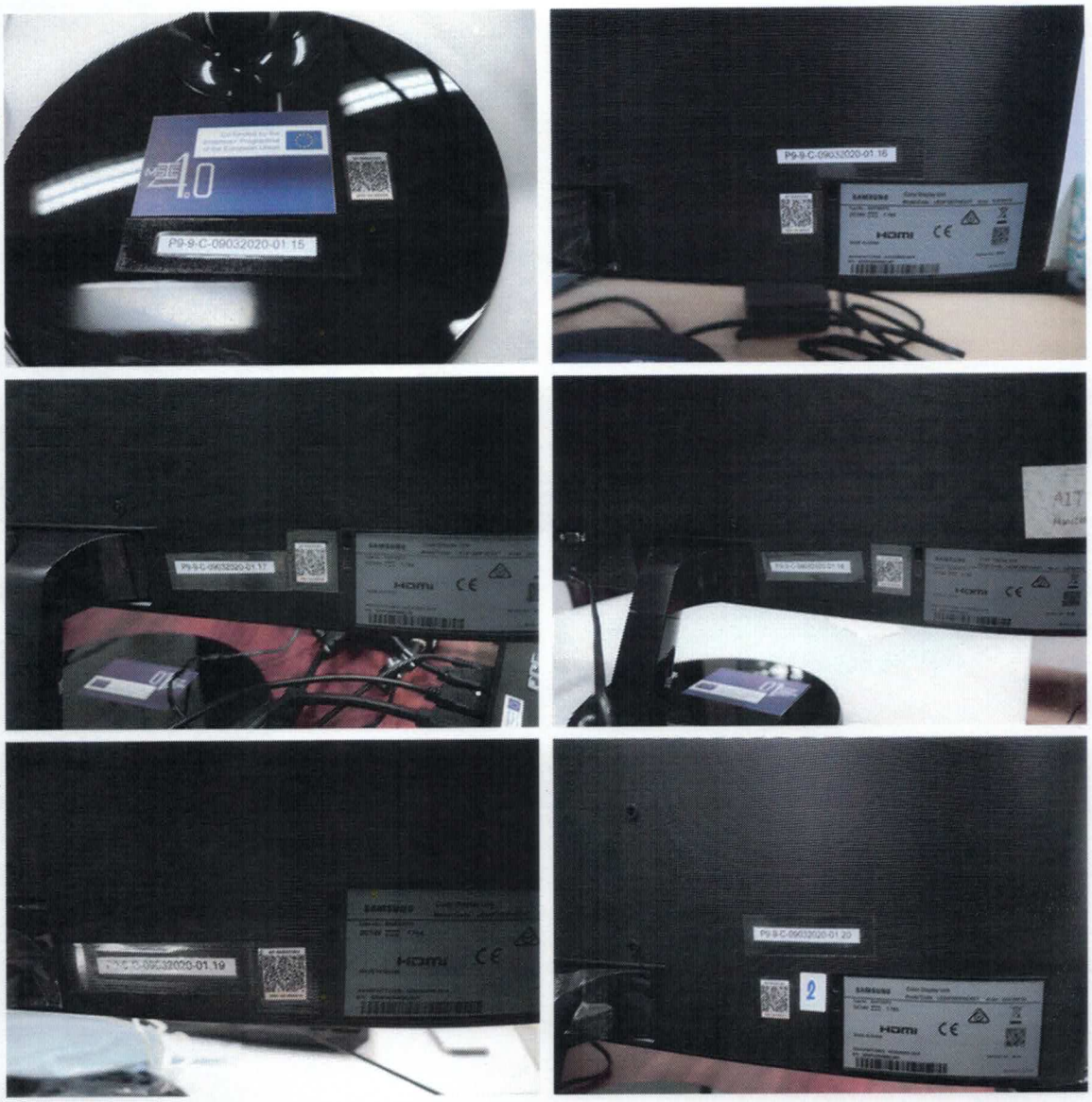

Figure 17b. Samsung LED 23.5' LS24F350FHE

Figure 18a. CPU INTEL 1151 Core I5-9400F 2.90 GHZ ...

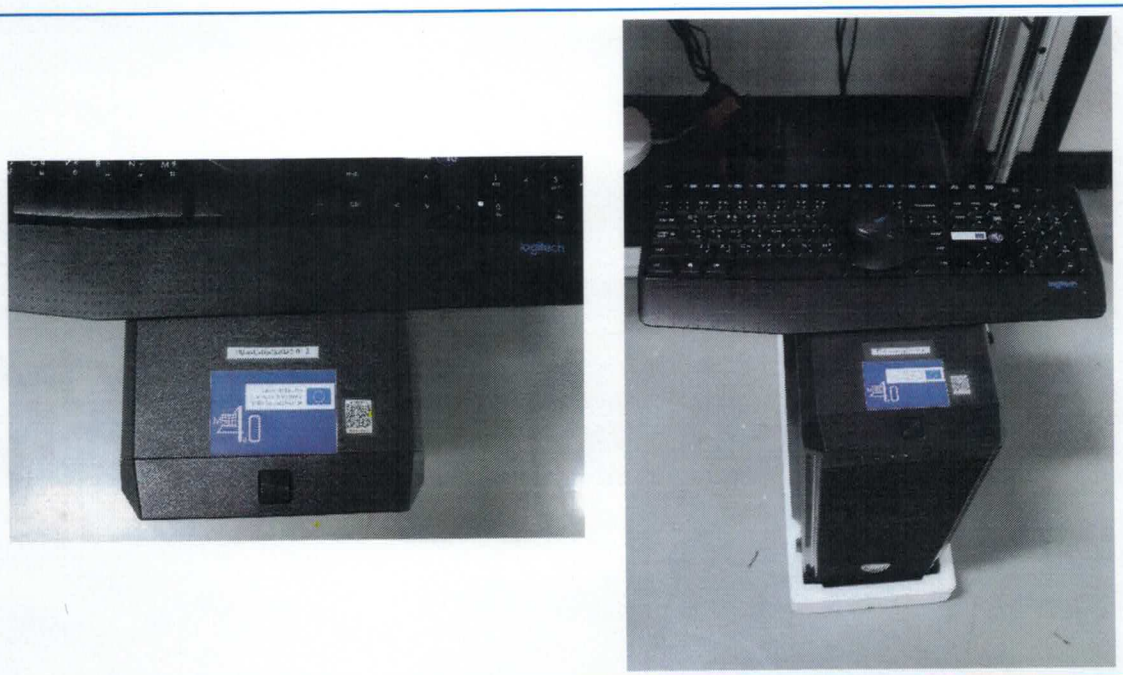

Figure 18b. CPU INTEL 1151 Core I5-9400F 2.90 GHZ ...

Figure 19. PC Lenovo Legion T530-28ICB ...

Figure 20. Webcam Logitech (Brio) 4k HD 2160p Right Light 2-Y

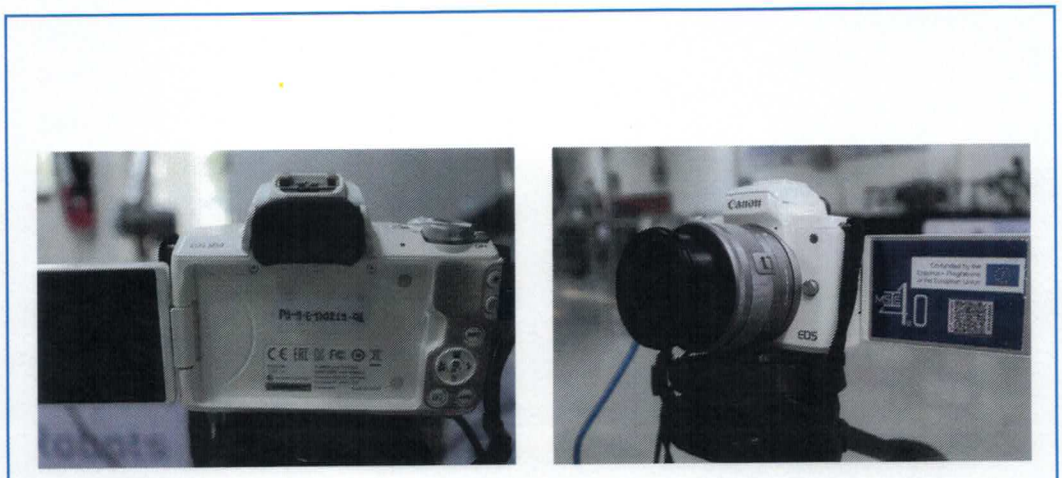

Figure 21. Canon EOS M50

Figure 22. UPS APC Back (700VA/390WATTS)

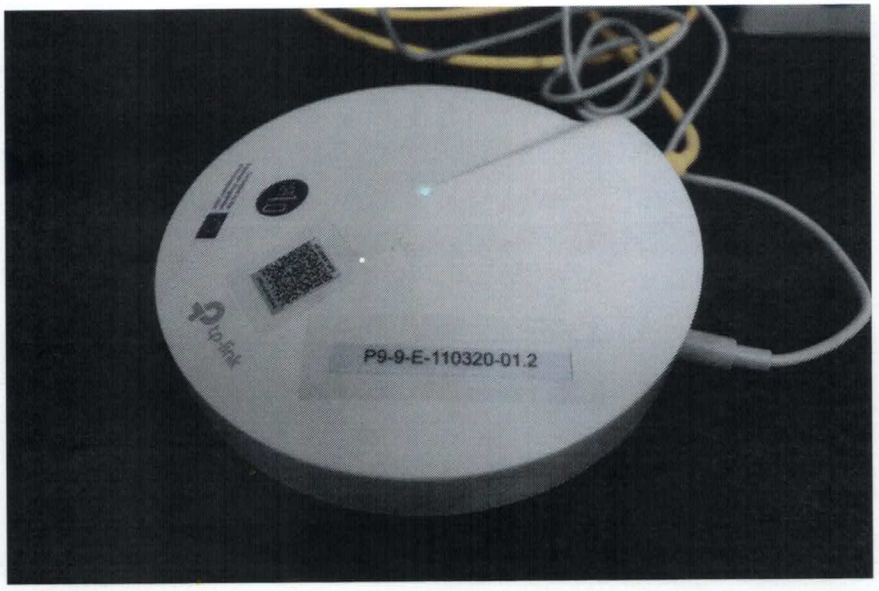

Figure 23. TP-Link Deco M9 Plus AC2200 Smart Home Mesh Wifi System

Figure 24. Aluminum Ladder A 7 Steps thick Barco

Figure 25. Saw slide table with stand MAKITA MLT 100s

Figure 26. Cordless impact drill Bosch (Bosch Professional GSB 180-L1)

Figure 27. Logitech MeetUp

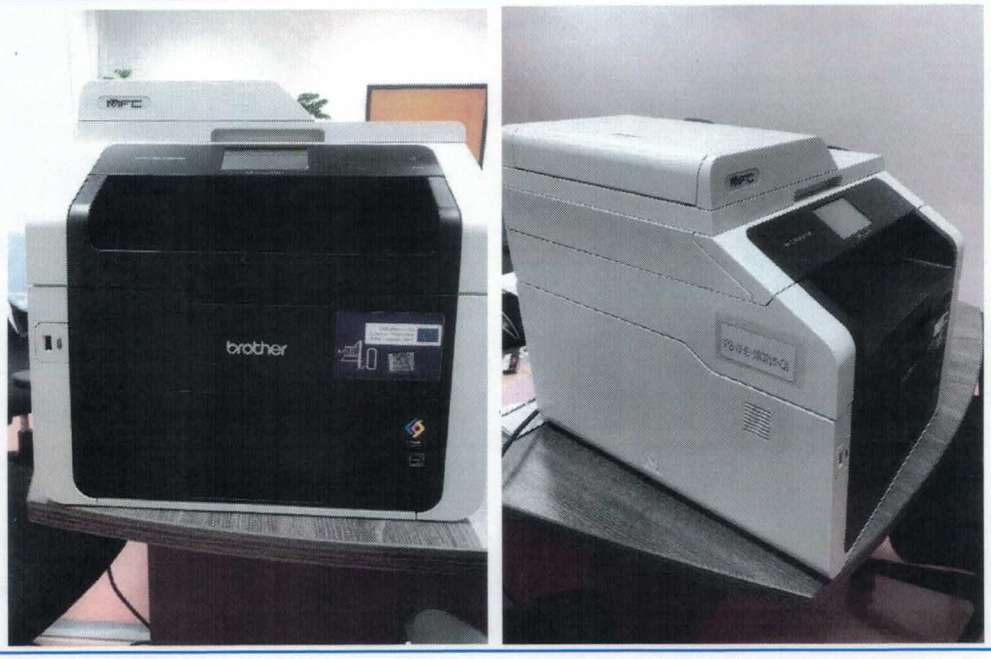

Figure 28. BROTHER MFC-9330CDW (3Y*)

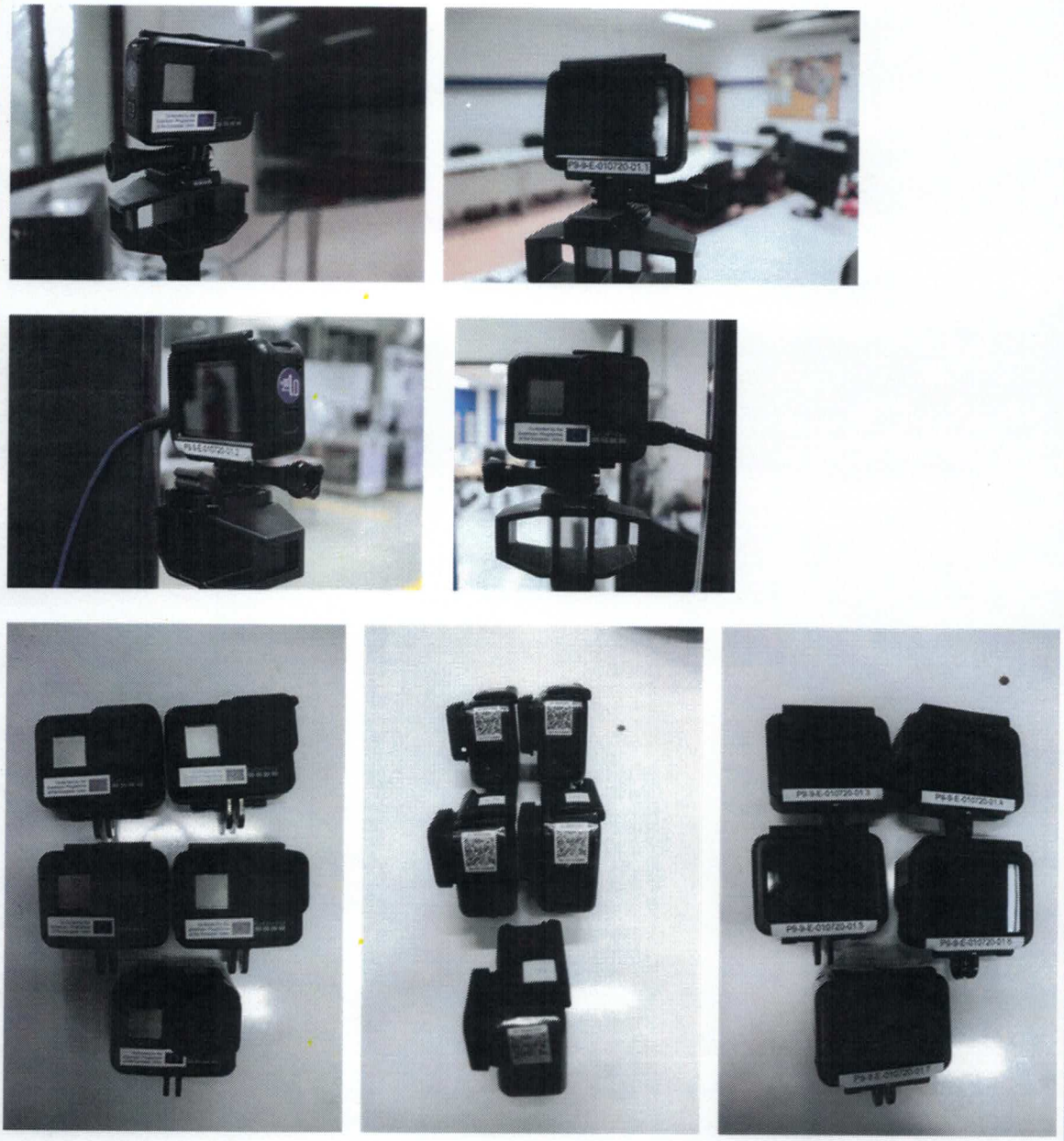

Figure 29. GoPro Hero 7 Black

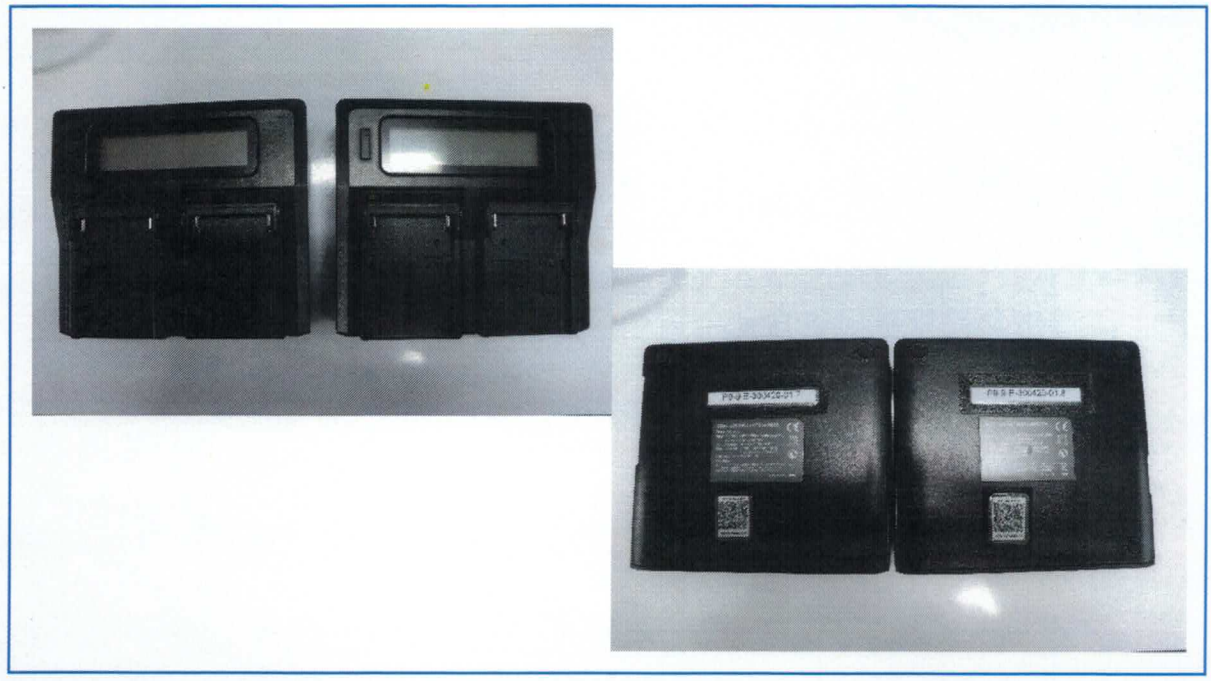

Figure 30. Dual LCD Battery Charger

Figure 31. Battery Pack NP-F970/F960

Figure 32a. Hollyland MARS 400

Figure 32b. Hollyland MARS 400

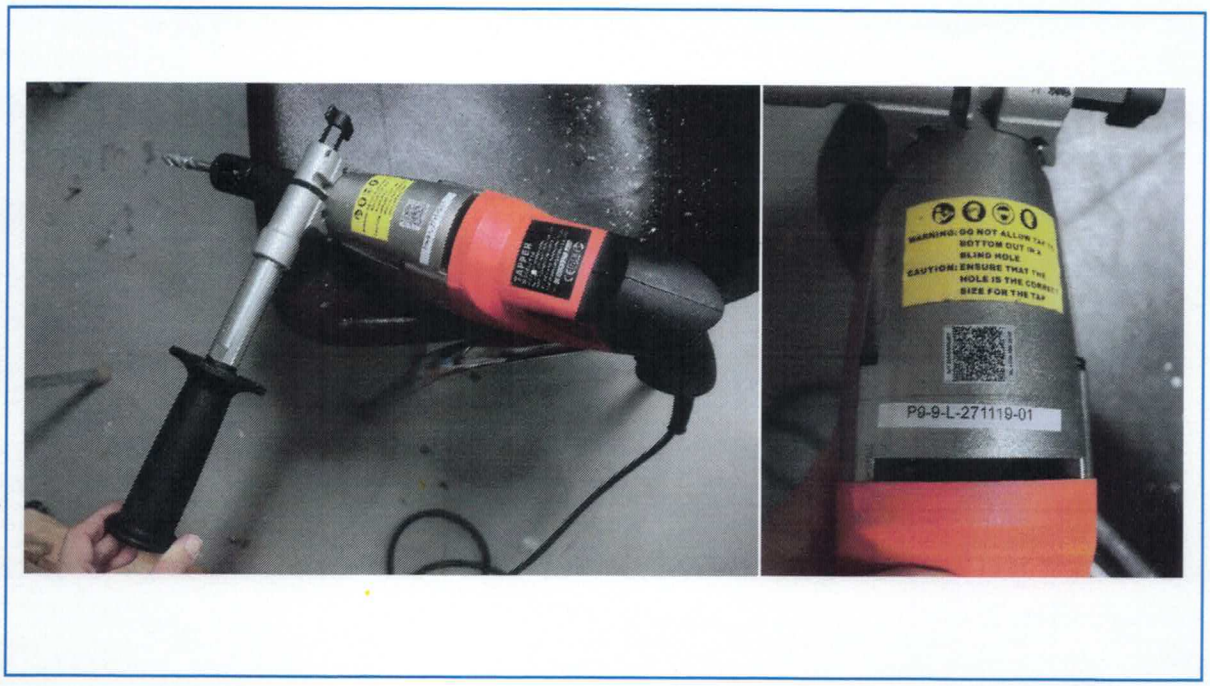

Figure 33. AGP Spiral Drill Bit T14 450 W 14 mm

Figure 34. ATEM Mini Pro

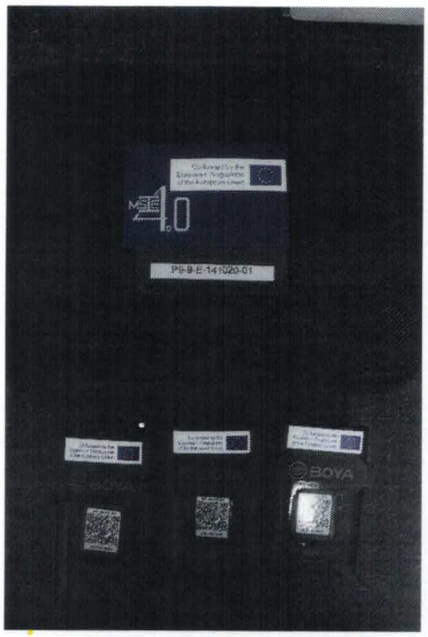

Figure 35. BOYA BY-WM4-PRO

Figure 36. Soundbar SONY HT S-350

Figure 37. LED TV 75 SONY 4K ANDRIOD DTV KD-75X800 including A set of TV stands with the project logo and Erasmus Plus logo

Pisut Koomsap

[Signature of Partner's Leader, P9]

[Signature of the Institute Inventory Officer at Asian Institute of Technology]

****Please fill the form and insert the needed figures.*
*The **scanned version** must be sent to pisut@ait.asia, cc duangthidaHNA@gmail.com*
***The hard copy** must be delivered to Dr. Pisut Koomsap,*
58 Moo.9 ISE Building, Asian Institute of Technology (AIT),
Paholyothin Highway, Klong Neung, Klong Luang, Pathumthani, 12120
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- P9: Buyer
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- E: Type of Part/Device
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ID : 0080134
Name : Mr. Ekarin Thongchantr
Position / Category Administrative Staff
Unit : OPIA
Expire : 31-Dec-2019

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Interim, Head HRO

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EMPLOYEE SEARCH

Ekarin Thongchantr

Position	Assistant Administrative Officer
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