PROGRAM SCHEDULE
THIRD COUNTRY TRAINING PROGRAM (TCTP) 2023
JAPAN-MALAYSIA TECHNICAL INSTITUTE

NETWORKING TECHNOLOGY WITH IoT APPLICATIONS IN DIGITAL ECONOMY

DATE / DAY	ACTIVITIES / SUBJECT	VENUE
WEEK 1		
Day 1 18th Oct. 2023 (Wed)	**Arrival of Participant**	Hotel (to be decided later)
Day 2 19th Oct. 2023 (Thu)	**Soft Opening and Program Briefing** - Country Report - Orientation/Lab Visit	JMTI Meeting Room, Level 5
	Structured Cabling Theory & Installation of Structured Cabling - Cable installation & termination exercise	KNTS, Level 1, Computer Department
Day 3 20th Oct. 2023 (Fri)	**Structured Cabling System Testing** - Methods of testing & Different types of test equipment	KNTS, Level 1, Computer Department
Day 4 21st Oct. 2023 (Sat)	**WEEKENDS – CULTURAL ACTIVITIES**	
Day 5 22nd Oct. 2023 (Sun)	**WEEKENDS – CULTURAL ACTIVITIES**	
Day 6 23th Oct. 2023 (Mon)	**Fibre Optic Cabling Theory & Practise** - Fibre cable installation & termination	KNTS, Level 1, Computer Department
Day 7 24th Oct. 2023 (Tue)	Study Tour	Penang

DATE / DAY	ACTIVITIES/SUBJECT	VENUE
WEEK 2		
Day 8 25th Oct. 2023 (Wed)	**Introduction to IoT** What are things? What are connections? **Sensors, Actuators and Microcontrollers** **Learn electronics** Microscontrollers : The sparkFun Inventors kit Packet Tracer 7 and the IoT	KNTS, Level 1, Computer Department
Day 9 26th Oct 2023 (Thu)	**Software is Everywhere Programming** Raspberry Pi Single Board Computer (SBC) Building Models of IoT System in Packet Tracer	KNTS, Level 1, Computer Department
Day 10 27th Oct 2023 (Fri)	**Networks, Fog and Cloud Computing** **Introduction** IoT Application in Business Industrial IoT Applications IoT System in the Real World Sample Project	KNTS, Level 1, Computer Department
Day 11 28th Oct 2023 (Sat)	Study Tour	Penang
Day 12 29th Oct 2023 (Sun)	**WEEKENDS – CULTURAL ACTIVITIES**	
Day 13 30th Oct 2023 (Mon)	Sharing Experiences from JICA Expert (9.00 am – 10.30 am) Participants Action Plan Presentation Evaluation (10.30 am – 12.30 pm)	JMTI Meeting Room, Level 5
	Closing Ceremony	Auditorium, Level 1, JMTI
Day 14 31st Oct 2023 (Tue)	Departure	Preparation for Departure

September 2023
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November 2023
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OCTOBER 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
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