

**PROGRAM SCHEDULE
THIRD COUNTRY TRAINING PROGRAM (TCTP) 2024
JAPAN-MALAYSIA TECHNICAL INSTITUTE**

**NETWORKING TECHNOLOGY WITH IoT APPLICATIONS IN DIGITAL
ECONOMY**

DATE / DAY	ACTIVITIES / SUBJECT	VENUE
WEEK 1		
Day 1 18 th Sept 2024 (Wed)	Arrival of Participant	Hotel (to be decided later)
Day 2 19 th Sept 2024 (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 20 th Sept 2024 (Fri)	Structured Cabling System Testing - Methods of testing & Different types of test equipment	KNTS, Level 1, Computer Department
Day 4 21 st Sept 2024 (Sat)	WEEKENDS – CULTURAL ACTIVITIES	
Day 5 22 nd Sept 2024 (Sun)	WEEKENDS – CULTURAL ACTIVITIES	
Day 6 23 rd Sept 2024 (Mon)	Study Tour	Malaysia Airline Berhad, Kuala Lumpur International Airport. Aerodyne, Cyberjaya.
Day 7 24 th Sept 2024 (Tue)	Fibre Optic Cabling Theory & Practise - Fibre cable installation & termination	KNTS, Level 1, Computer Department

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WEEK 2		
Day 8 25 th Sept 2024 (Wed)	Introduction to IoT What are things? What are connections? Sensors, Actuators and Microcontrollers Learn electronics Microcontrollers : The sparkFun Inventors kit Packet Tracer 7 and the IoT	KNTS, Level 1, Computer Department
Day 9 26 th Sept 2024 (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 27 th Sept 2024 (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 28 th Sept 2024 (Sat)	WEEKENDS – CULTURAL ACTIVITIES	
Day 12 29 th Sept 2024 (Sun)	WEEKENDS – CULTURAL ACTIVITIES	
Day 13 30 th Sept 2024 (Mon)	Sharing Experiences from JICA Expert (9.00 am – 10.30 am)	JMTI Meeting Room, Level 5
	Participants Action Plan Presentation Evaluation (10.30 am – 12.30 pm)	
Day 14 1 st Oct 2024 (Tue)	Departure	Preparation for Departure

August 2024						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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