

DEPARTMENT	ASSET MANAGEMENT TRAINING & ENGINEERING CONSULTANCY (AMTEC)			
COURSE	GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM COURSE FOR WIREMAN AND CHARGEMAN			
VENUE	ILSAS RENEWABLE ENERGY CENTRE, TNB ILSAS BANGI			
TRAINER / COORDINATOR	Tc. SHAMSHULMAHDE BIN MAHMUD / Ir. Ts. MOHD KHAIRUL FIKRI BIN MOHD SALLEH			
TIME	08:30 – 10:00	10:30 – 13:00	14:00 – 15:30	15:45 – 17:00

DAY	08:30 – 10:00	10:30 – 13:00	14:00 – 15:30	15:45 – 17:00
DAY 1	<ul style="list-style-type: none"> ICE BREAKING COURSE INTRODUCTION FUNDAMENTAL OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM 	<ul style="list-style-type: none"> FUNDAMENTAL OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM (Cont.) 	<ul style="list-style-type: none"> INSTALLATION OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM 	<ul style="list-style-type: none"> OPERATION AND MAINTENANCE OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM
DAY 2	PRACTICAL 1: PRE-INSTALLATION (SITE ASSESSMENT) (Tilt, Azimuth, Irradiation, Shading, IV Curve etc.)	PRACTICAL 1: PRE-INSTALLATION (SITE ASSESSMENT) (Tilt, Azimuth, Irradiation, Shading, IV Curve etc.)	PRACTICAL 2: BOS COMPONENTS (Grid-Inverter, AC&DC Switch, AC&DC Breaker, DC Fuse, Cables etc.)	PRACTICAL 2: BOS COMPONENTS (Grid-Inverter, AC&DC Switch, AC&DC Breaker, DC Fuse, Cables etc.)
DAY 3	PRACTICAL 3: SOLAR PV INSTALLATION	PRACTICAL 4: START-UP AND SHUTDOWN SYSTEM	PRACTICAL REVIEW (GCPV System)	PRACTICAL REVIEW (GCPV System)
DAY 4	ASSESSMENT (PRACTICAL) (Visual Inspection, Functional Test, T&C, Acceptance Test, Reliability Test etc.)	ASSESSMENT (PRACTICAL) (Visual Inspection, Functional Test, T&C, Acceptance Test, Reliability Test etc.)	ASSESSMENT (PRACTICAL) (Visual Inspection, Functional Test, T&C, Acceptance Test, Reliability Test etc.)	ASSESSMENT (PRACTICAL) (Visual Inspection, Functional Test, T&C, Acceptance Test, Reliability Test etc.)
DAY 5	ASSESSMENT (PRACTICAL) (Visual Inspection, Functional Test, T&C, Acceptance Test, Reliability Test etc.)	THEORY REVIEW (GCPV System)	ASSESSMENT (THEORY) (GCPV System-Installation, Operation & Maintenance)	ASSESSMENT (THEORY) (GCPV System-Installation, Operation & Maintenance)