

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

<b>DAY 1</b>	<ul style="list-style-type: none"> <li>ICE BREAKING</li> <li>COURSE INTRODUCTION</li> <li>FUNDAMENTAL OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM</li> </ul>	<b>T E A B R E A K</b>	<ul style="list-style-type: none"> <li>FUNDAMENTAL OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM (Cont.)</li> </ul>	<b>L U N C H</b>	<ul style="list-style-type: none"> <li>INSTALLATION OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM</li> </ul>	<b>T E A B R E A K</b>	<ul style="list-style-type: none"> <li>OPERATION AND MAINTENANCE OF GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM</li> </ul>
<b>DAY 2</b>	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.)
<b>DAY 3</b>	PRACTICAL 3: SOLAR PV INSTALLATION		PRACTICAL 4: START-UP AND SHUTDOWN SYSTEM		PRACTICAL REVIEW (GCPV System)		PRACTICAL REVIEW (GCPV System)
<b>DAY 4</b>	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.)
<b>DAY 5</b>	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)