



**IEEE**  
Itenas Student Branch

# SERTIFIKAT

Diberikan kepada:

**GIGIH GUMILAR**

Sebagai Peserta

Pelatihan “**PCB Design**”

diselenggarakan oleh:

**Institute of Electrical and Electronics Engineers  
Itenas Student Branch**

Bandung, 24 Maret 2018

Ketua Jurusan Teknik Elektro

 **Itenas**  
TEKNIK ELEKTRO

Dr. Waluyo, S.T., M.T.  
NIDN. 120030201

IEEE Itenas SB Counselor

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Ratna Susana, S.T., M.T.  
NIDN. 119970202

**MATERI PELATIHAN DAN UJI KOMPETENSI / TRAINING SUBJECT AND COMPETENCY  
TINGKAT DASAR / BASIC LEVEL**

NO.	Materi/Subject	Jam/Hour	Nilai/Score
1.	Schematic Design	3	75
2.	Board Layout and Routing	3	74
3.	Add and Make New Library	2	74
TOTAL		8	223
NILAI RATA – RATA / AVERAGE SCORE = 74,3			

**KISARAN NILAI RATA - RATA / RANGE AVERAGE SCORE**

1. 81 s/d 100                      **GRADE A (SANGAT BAIK / VERY GOOD)**
2. 70 s/d <81                      **GRADE B (BAIK / GOOD)**

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