



BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DEP
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	PORTABLE ECO SCHOOL TRAFFIC LIGHT EMITTING DIODE (PESTLED)
Jenis Projek <i>Type of Project</i>	INOVASI
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan <i>Group member</i>	1. MUHAMMAD JOHAN DANIEAL BIN KAMARULZAMAN 981226-01-6445 2. MUHAMMAD ALIF BIN AHMAD 981404-08-8109 3. 4. 5.
Penyelia <i>Supervisor</i>	ENGR ZAI AIZUWAN BIN ZAINAL ABIDIN 790116-08-5325
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	Traffic light control systems are widely used to monitor and control the flow of automobiles through the junction of mini roads. They aim to realize smooth motion of cars in the transportation routes.

Keyword <i>Keyword</i> (max 5 word)	Traffic Light
Objektif Projek <i>Project Objectives</i>	1) To gain maximum attention from road users using Portable Eco School Traffic Light Emitting Diode (PESTLED) 2) To improve the safety procedure of students across the road by using Portable Eco School Traffic Light Emitting Diode (PESTLED) 3) To reduce rate of accident caused by students crossing the road
Skop Projek <i>Project scope</i>	This Project involved red and green led display, battery lithium ion, buzzer and solar panel to utilize green energy. This project also, portable with the use of wheel to move. This display of this traffic light uses 360 degree of sight. This project is to proposed to School Traffic Warden

IP No		
Dapatan <i>Finding</i> (500 words max)	Solar , Led Strip	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	arduino	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)		

Rating/Level	JABATAN	

Borang ini perlu diisi oleh pelajar dan dihantar kepada penyelia/ penyelaras projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J) dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek.

