






























LEGEND MECH WORKSHOP				
Serial No	Symbol	Item	Watts	Total
1		Plate earth electrode		
2		Pipe earth electrode		
3		Grinder 0.5HP		
4		Shaping machine 1HP		
5		Shaping machine 2HP 3phase		
6		Drilling machine 2HP 3phase		
7		Blower 5HP 3phase		
8		Furnace 0.5HP		
9		Grinder 0.5HP		
10		Band saw 1HP		
11		Planer 1HP		
12		Wood lathe 2HP 3phase		

MECHANICAL WORKSHOP					
	Symbol	Item	Wattage	No.s	Total W
1		28W slim tube light(Ind)	28	9	252
2		2x 28W tube light(Ind)	56	10	560
3		Batten light	15		
4		1200 mm Ceiling Fan	65	4	260
5		Exhaust Fan 300mm	65		
6		Wall Fan	65	1	65
7		2x18 CFL street light	36	2	72
8		6A Plug Point	100	1	100
9		18W Bulkhead Fitting	18	1	18
Total Light Load(W)					1327

CAFETERIA					
	Symbol	Item	Wattage	No.s	Total W
1		28W slim tube light(Ind)	28	7	196
2		2x 28W tube light(Ind)	56	10	560
3		Batten light	11	4	44
4		1200 mm Ceiling Fan	65	10	650
5		Exhaust Fan 300mm	65	2	130
6		Wall Fan	65	1	65
7		2x18 CFL street light	36	2	72
8		6A Plug Point	100	5	500
9		18W Bulkhead Fitting	18	1	18
9		16A Plug Socket	500	3	1500
Total Light Load(W)					3735

ELECTRICAL WORKSHOP					
	Symbol	Item	Wattage	No.s	Total W
1		28W slim tube light(Ind)	28	9	252
2		2x 28W tube light(Ind)	56	10	560
3		Batten light	11		
4		1200 mm Ceiling Fan	65	8	520
5		Exhaust Fan 450mm	65	2	0
6		Wall Fan	65	1	65
7		2x18 CFL street light	36	1	36
8		6A Plug Point	100	3	300
9		18W Bulkhead Fitting	18	1	18
9		16A Plug Socket	200	10	2000
Total Light Load(W)					3751

FOR INSPECTORATE

CONTRACTOR

FOR SUPERVISOR

FOR CLIENT

PROJECT  
ENGINEERING COLLEGE, MUTTATHARA  
TRIVANDRUM

TITLE  
ELE 1ST YEAR W/S, CAFETERIA & MECH 1ST  
YEAR W/S : PHYSICAL

BLOCK : ELE & MECH WORKSHOPS AND CAFETERIA

DRAWN

PROJECT NO.

DATE: 06-08-2013

CHECK

DWG NO. 16

REV.

CONSULTANT

KERALA STATE HOUSING BOARD

SHANTHI NAGAR, TRIVANDRUM.