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**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)
Thiruvalla - 689101**

USE OF LED BULBS / POWER EFFICIENT EQUIPMENTS



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The college is using CFL, LED and star rated power equipments which consume lesser electricity thereby resulting in lesser energy utilization. The college procures electrical equipments which have energy star rating as per Bureau of Energy Efficiency (BEE) standard which ensure relatively lesser consumption of electricity. The college has installed LED lights in computer lab, Startup Kendra for You, board room, and conference room etc., for low consumption of energy.

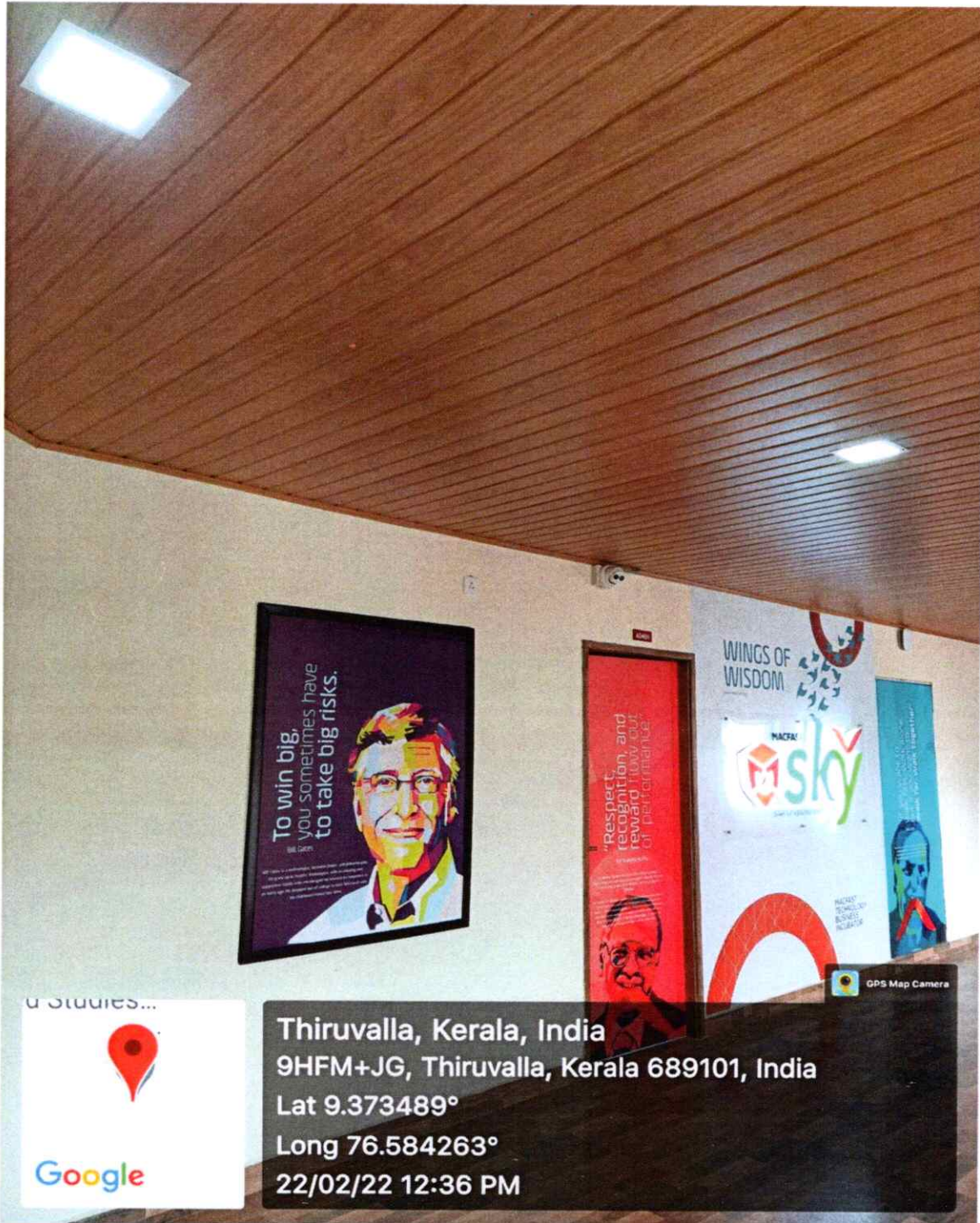


LED Bulbs in Computer Lab.



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LED bulbs in Startup Kendra for You

MACFAST
REPAIR AND MAINTENANCE OF EQUIPMENTS (2018-'19)

DATE	DEPARTMENT	PARTICULARS	AMOUNT	
5/4/2018	IT	Catridge	9,440	
18/4/2018		Networking - Switch	22,420	
25/4/2018		Networking	73,160	
10/5/2018		Networking	13,700	
14/5/2018		Laptop Battery	2,340	
12/6/2018		Toner	4,720	
18/6/2018		Slide Changer	1,229	
18/7/2018		HDMI Cable	384	
20/7/2018		Adapter	290	
29/6/2018		Toner	4,720	
25/7/2018		UPS & Keyboard purchase	3,600	
17/9/2018		Toner	4,720	
11/11/2018		VGI Adapter	498	
22/10/2018		Pendrive	2,100	
15/11/2018		UPS Service	1,148	
21/11/2018		Toner	4,720	
16/1/2019		Toner	4,720	
18/12/2018		Toner	4,720	
24/1/2019		System maintenance	20,250	
30/1/2019		Keyboard & Mouse	1,519	
5/2/2019		Toner	4,720	
29/3/2019		Networking & System	7,127	
27/4/2018		Civil	Hostel – Water Purifier	3,000
9/5/2018			Water purifier – College	1,300
13/6/2018	Water purifier		825	
25/6/2018	Hostel – Water Purifier		5,000	
28/9/2018	Water Purifier		1,950	
2/11/2018	Lightning Arrester Service		1,000	
26/11/2018	Water purifier		1,500	
3/12/2018	Water purifier service		5,225	
14/2/2019	Water pump repair		4,500	
18/3/2019	Hostel – Water Filter		3,250	
16/4/2018	STP Cleaning		1,000	
2/5/2018	Mosquito Net		9,720	
3/5/2018	Mosquito Net		9,720	
16/4/2018	Curtain Fitting		600	
19/4/2018	Rainwater collection well cleaning		5,000	
10/5/2018	Mosquito Net		9,720	
10/5/2018	Hostel Maintenance		602	
20/4/2018	Rainwater collection well cleaning		7,000	
10/5/2018	Compound work - labour		3,900	
14/5/2018	Compound work - labour		15,270	
14/5/2018	Grass cutting - labour		6,000	

5/5/2018	Grass cutting - labour	4,000
15/5/2018	GI pipe & fitting – hostel maintenance	55,388
23/4/2018	Septic Tank - Labour	15,000
23/4/2018	Compound Cleaning - labour	4,500
23/4/2018	Waste pipe cleaning - labour	3,000
17/5/2018	Mosquito Net	7,250
18/5/2018	Rainwater tank cleaning - labour	9,720
27/4/2018	Aluminium work - hostel	5,880
27/4/2018	Biogas Plant Maintenance	1,000
19/5/2018	Compound wall - Labour	5,600
19/5/2018	Compound wall - Labour	3,250
19/5/2018	Glass fitting – Conference Hall	7,200
19/5/2018	Hand rail steel work - labour	7,000
21/5/2018	Parking maintenance	4,700
21/5/2018	Glass fitting	7,200
28/4/2018	Promotional Activity – KSRTC lawn maintenance	3,140
23/5/2018	GI Pipe	4,650
26/5/2018	Hand rail - labour	3,900
5/5/2018	Hand rail - labour	7,500
28/5/2018	Compound work - labour	7,500
1/6/2018	Labour Charge	1,320
2/6/2018	Railings - labour	8,610
2/6/2018	Compound work	3,250
2/6/2018	Store room door maintenance	2,817
4/6/2018	Rain water storage tank - maintenance	8,000
5/6/2018	GI pipe & fitting for electrical work	4,083
5/6/2018	Plumbing & Electrical maintenance	8,402
5/7/2018	Flower pot purchase	280
6/7/2018	Bleaching powder	150
6/7/2018	STP – Labour	1,500
8/6/2018	Welding work - Labour	4,700
7/7/2018	Grass cutting – Labour	8,250
7/7/2018	Cleaning - Labour	2,100
8/6/2018	STP maintenance	6,353
8/6/2018	Rainwater tank cleaning	1,000
11/7/2018	Grass cutting	4,950
11/7/2018	Aluminium work	9,800
12/6/2018	Door maintenance	8,500
12/7/2018	Aluminium work	9,800
12/7/2018	Photo frame	1,050
16/6/2018	Glass Fitting & window maintenance	6,710
13/7/2018	Carpentry work- labour	7,200
13/7/2018	Cleaning labour	4,200
13/7/2018	Aluminium door maintenance	1,100
21/6/2018	STP maintenance	700
23/6/2018	Kitchen maintenance - hostel	2,500
27/6/2018	Curtain work – Conference hall, Security office	44,173
19/7/2018	Hostel maintenance material	31,269
19/7/2018	First aid	947
20/7/2018	Bath towel purchase - hostel	695

07/2018	Rope	2,479
07/2018	Chlorine & Bleaching powder	1,200
21/7/2018	Cleaning Labour	2,800
21/7/2018	Table maintenance - labour	5,400
21/7/2018	Fevicol	300
23/7/2018	Letters board	2,065
23/7/2018	Carpentry Materials	759
24/7/2018	Kitchen maintenance	804
24/7/2018	Carpentry maintenance	724
25/7/2018	Carpentry maintenance	425
26/7/2018	Table cloth	308
28/7/2018	Carpentry maintenance	1,832
28/7/2018	Carpentry - Labour	5,400
28/7/2018	Cleaning work - Exam Hall	4,200
28/7/2018	Welding work - Labour	6,633
28/7/2018	Welding Maintenance - Exam hall	3,770
30/7/2018	Carpentry - labour	5,400
1/8/2018	Tile maintenance	4,000
8/8/2018	Inter-lock cleaning	4,200
10/8/2018	Carpentry maintenance - labour	7,200
10/8/2018	Cleaning - labour	4,200
10/8/2018	Carpentry maintenance	3,109
30/8/2018	Water body Cleaning	800
30/8/2018	Bleaching powder	150
31/8/2018	Water body cleaning - boys hostel	9,000
31/8/2018	Water body cleaning - girls hostel	6,000
31/8/2018	Water body cleaning - pump rent	5,000
1/9/2018	Cleaning work	3,500
3/9/2018	Grass cutting	7,150
4/9/2018	Grass cutting	8,250
7/9/2018	Tiles purchase for boys hostel maintenance	1,850
7/9/2018	Cement purchase for maintenance	1,200
7/9/2018	Mosquito Net maintenance	6,050
14/9/2018	Cleaning	379
14/9/2018	Pond cleaning work	9,000
15/9/2018	Compound cleaning - labour	4,200
24/9/2018	STP - Tank cleaning	2,500
29/9/2018	Volleyball court maintenance	1,850
29/9/2018	Volleyball court maintenance - materials	6,206
29/9/2018	Volleyball court maintenance - materials	6,985
29/9/2018	Volleyball court side covering	9,603
16/10/2018	Chlorine & Bleaching powder	1,020
16/10/2018	STP maintenance	1,000
22/10/2018	Room freshner	4,000
24/10/2018	Carpentry - labour	2,500
3/11/2018	Grass cutting	2,200
7/11/2018	Chair maintenance - classroom	25,000
7/11/2018	Chair repairing - revolving chair	15,000
7/11/2018	Chair maintenance - classroom	25,000
9/11/2018	Carpentry work	2,000

11/2018	Carpentry work	
11/2018	Civil maintenance – Notary maintenance	1,105
3/11/2018	Duplicate key purchase	2,500
6/11/2018	Floor mat purchase	150
21/11/2018	Auditorium Ceiling work	1,590
29/11/2018	Ceiling work	11,255
30/11/2018	Welding maintenance	8,000
30/11/2018	Grass cutting	3,018
30/11/2018	Ceiling work - labour	9,075
1/12/2018	Welding maintenance - labour	8,000
1/12/2018	Ceiling work	2,871
10/12/2018	Hostel accessories	7,000
13/12/2018	Table - Transportation	4,500
20/12/2018	KSRTC lawn maintenance	200
1/1/2019	Grass Cutting - Labour	250
4/1/2019	Grass Cutting – Labour	8,800
11/1/2019	Cement purchase – maintenance	8,800
11/1/2019	Maintenance - labour	1,400
11/1/2019	Clock purchase	3,600
11/1/2019	Cleaning work	445
11/1/2019	Cleaning work - labour	4,200
11/1/2019	Cleaning work - labour	2,800
18/1/2019	Maintenance	4,200
25/1/2019	Electrical fuse	1,500
28/1/2019	Carpet purchase	393
30/1/2019	Fevicol	20,550
30/1/2019	Carpet – Labour charge	280
1/2/2019	Curtain maintenance	5,418
5/2/2019	6mm slip chain purchase	6,900
5/2/2019	Promotional Activity - Labour charge	2,041
6/2/2019	Water filter service	1,500
6/2/2019	Water filter	3,575
7/2/2019	Hostel maintenance	900
7/2/2019	Plumbing maintenance	160
7/2/2019	Table - Transportation	182
14/2/2019	Carpentry maintenance	200
14/2/2019	Carpentry - labour	1,154
16/2/2019	Cleaning work	1,000
20/2/2019	Pump repairing	3,500
20/2/2019	Clock	700
23/2/2019	Maintenance	395
25/2/2019	Cleaning work - Labour	5,000
1/3/2019	Fire & Safety - Maintenance	4,200
2/3/2019	Fire & Safety - Maintenance	7,500
2/3/2019	Fire & Safety - Maintenance	3,046
6/3/2019	Cleaning work- maintenance	7,500
7/3/2019	Fire & Safety - Maintenance	5,600
8/3/2019	Maintenance - Welding	7,173
8/3/2019	Plumbing materials	6,206
8/3/2019	Maintenance - Welding	350
		7,500

11/3/2019		Fire & Safety - Maintenance	7,500
11/3/2019		Water tank maintenance	5,034
12/3/2019		IT maintenance	4,720
13/3/2019		Cleaning - labour	2,100
14/3/2019		Maintenance work	7,600
15/3/2019		Room freshner	867
15/3/2019		Maintenance work	7,500
16/3/2019		Maintenance work	9,000
19/3/2019		Labour charge	1,300
19/3/2019		GI pipe purchase	1,738
19/3/2019		Convex mirror	9,400
21/3/2019		Door maintenance	1,446
21/3/2019		Fire works	8,836
29/3/2019		Maintenance work - Biocampus	9,500
30/3/2019		Garden cleaning	8,400
30/3/2019		Roofing work	9,500
30/3/2019		Roofing work - Biocampus	19,008
			2,073
7/4/2018	Library	Toner	1,850
6/6/2018		Photostat machine spare	2,073
4/7/2018		Toner	2,900
8/10/2018		Photostat - Toner	2,900
10/10/2018		Photostat Toner	2,073
7/11/2018		Photostat Toner	4,147
23/1/2019		Toner	700
24/1/2019		Photostat maintenance	2,900
20/12/2018		Photostat Toner	7,499
8/3/2019		Modem purchase	4,147
8/3/2019		Toner	2,900
21/3/2019		Photostat Toner	
			150
24/4/2018	Electrical	Generator maintenance	4,714
26/4/2018		Generator oil	500
27/4/2018		Generator Service	6,507
31/5/2018		Generator Fuel	50,376
25/4/2018		AC maintenance	6,000
27/4/2018		Generator Fuel	6,373
28/4/2018		Generator Fuel	6,373
28/4/2018		Generator Fuel	550
3/5/2018		Maintenance	650
7/5/2018		Maintenance	7,632
30/5/2018		Maintenance	6,561
6/6/2018		Generator Fuel	1,450
6/6/2018		Diesel	6,511
11/6/2018		Generator Fuel	1,750
14/6/2018		Generator Fuel	2,000
14/6/2018		Generator Fuel	150
18/6/2018		Diesel	4,437
21/6/2018		Maintenance	970
21/6/2018		Maintenance	

9/7/2018		Maintenance	
17/7/2018		Generator Fuel	550
23/7/2018		LED Bulb purchase	6,543
23/7/2018		LED Bulb purchase	8,000
10/8/2018		Maintenance	7,105
10/8/2018		Maintenance	6,901
3/9/2018		Maintenance	7,267
4/9/2018		Maintenance	3,157
4/9/2018		Maintenance	8,410
14/9/2018		Maintenance	7,845
14/9/2018		Maintenance	4,500
17/9/2018		Maintenance	1,500
26/9/2018		Maintenance	1,570
27/9/2018		Maintenance	10,000
4/10/2018		Maintenance	1,500
24/10/2018		Generator Fuel	6,548
24/10/2018		LED bulbs	9,984
24/10/2018		LED bulbs	2,193
24/10/2018		Electrical equipments	7,526
24/10/2018		Electrical equipments	6,897
9/11/2018		Filter & Oil Change - Generator maintenance	4,834
22/11/2018		Electrical equipments	29,960
17/12/2018		Electrical maintenance	9,013
5/1/2019		Electrical maintenance	13,939
22/1/2019		Generator Fuel	24,848
			61,662
10/4/2018	Transformer Maintenance	Service & Equipments	2,360
11/4/2018		Service	10,030
24/4/2018		Spare Parts	3,000
5/6/2018		Service	2,400
6/6/2018		Service	1,865
8/6/2018		Service	400
8/6/2018		Spare Parts	
11/6/2018		Voltamps Repairing Charge	1,09,711
30/09/2018		Transformer Repairing Charge	1,01,692
13/7/2018		Panel Board Service	23,155
9/5/2018	College	Toner- Photostat	5,800
16/5/2018		Classroom Projector Service	14,042
19/6/2018		Security - Light maintenance	2,50
6/7/2018		Water Cooler - Repair	2,000
21/6/2018		Sound System - Amplifier Maintenance	450
7/7/2018		Sound system Cable	750
3/8/2018		Portable Speaker	2,847
13/8/2018		Microphone purchase	6,910
6/9/2018		Photostat Service	8,200
10/10/2018		STP Service	16,600
27/10/2018		Sound system	6,844
26/11/2018	Telephone Service Charge	500	

11/10/2018		Pendrive		
17/11/2018		Projector Service		799
28/11/2018		Photostat Toner		5,310
2/1/2019		Microphone Stand		5,800
2/1/2019		CCTV Service		900
6/12/2018		Sound System		1,000
17/1/2019		Clock maintenance		1,200
25/1/2019		Water purifier		445
20/12/2018		Sound system maintenance		1,525
31/12/2018		CCTV Maintenance		4,250
8/3/2019		UPS Maintenance		6,195
		Sound System Maintenance		7,500
				2,000
				4,690
25/5/2018	Bioscience Lab	Lab Maintenance		190
26/6/2018		Lab Expense		950
6/9/2018		Gas Burner		3,360
6/9/2018		Lab Materials		5,000
25/10/2018		Lab maintenance		1,740
13/2/2019		Burner		

Total: 38,64,282

(Thirty Eight Lakhs Sixty Four Thousand Two Hundred Eighty Two)



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