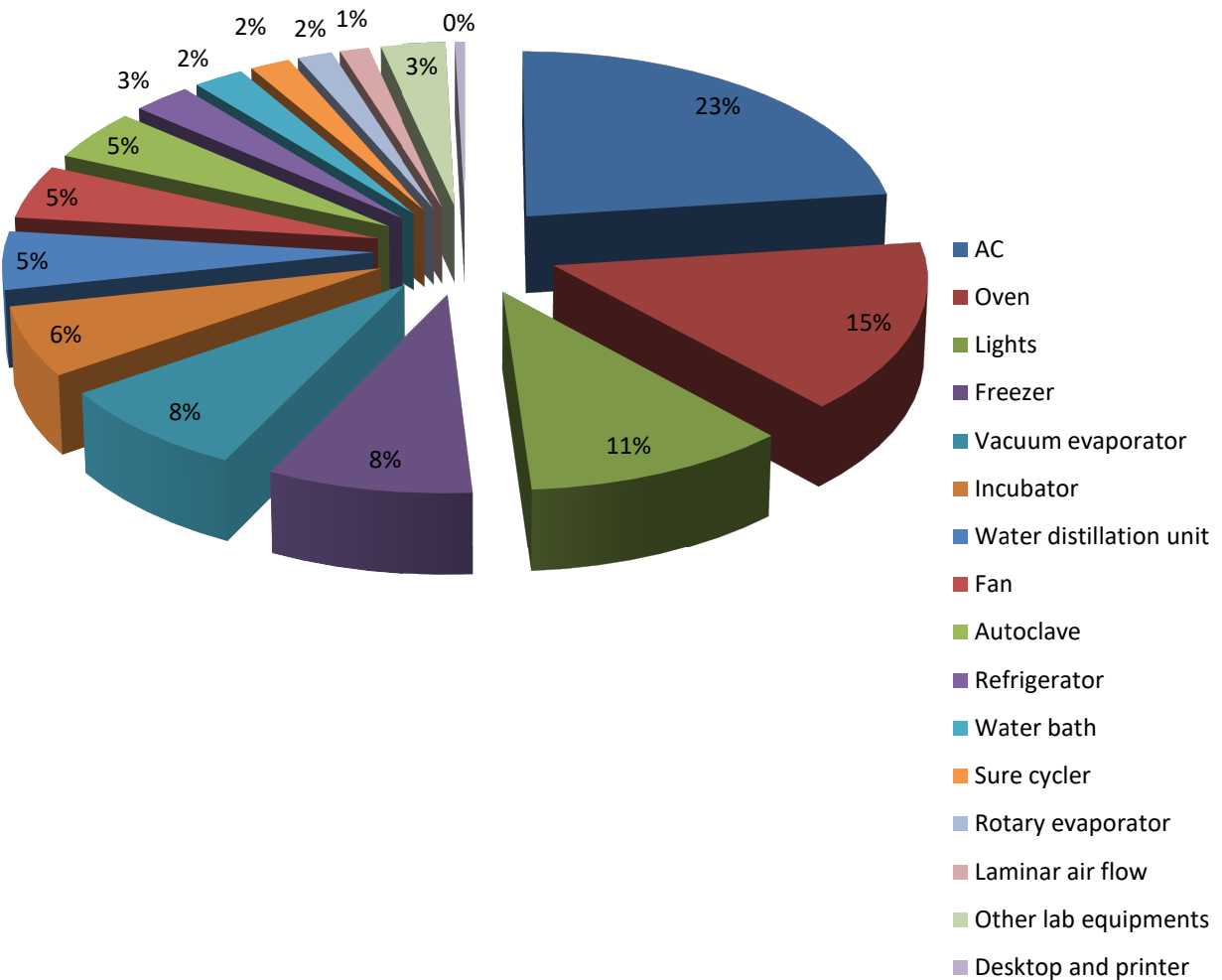


DEPARTMENT OF PLANT SCIENCE

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF PLANT SCIENCE

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	2090
Oven	1392
Lights	976
Freezer	759
Vacuum evaporator	739
Incubator	571.3
Water distillation unit	475
Fan	441
Autoclave	418
Refrigerator	253
Water bath	220
Sure cycler	174
Rotary evaporator	151
Laminar air flow	127
Other lab equipments	279.2
Desktop and printer	41
TOTAL	9202

ENERGY CONSUMPTION PER MONTH (kW)

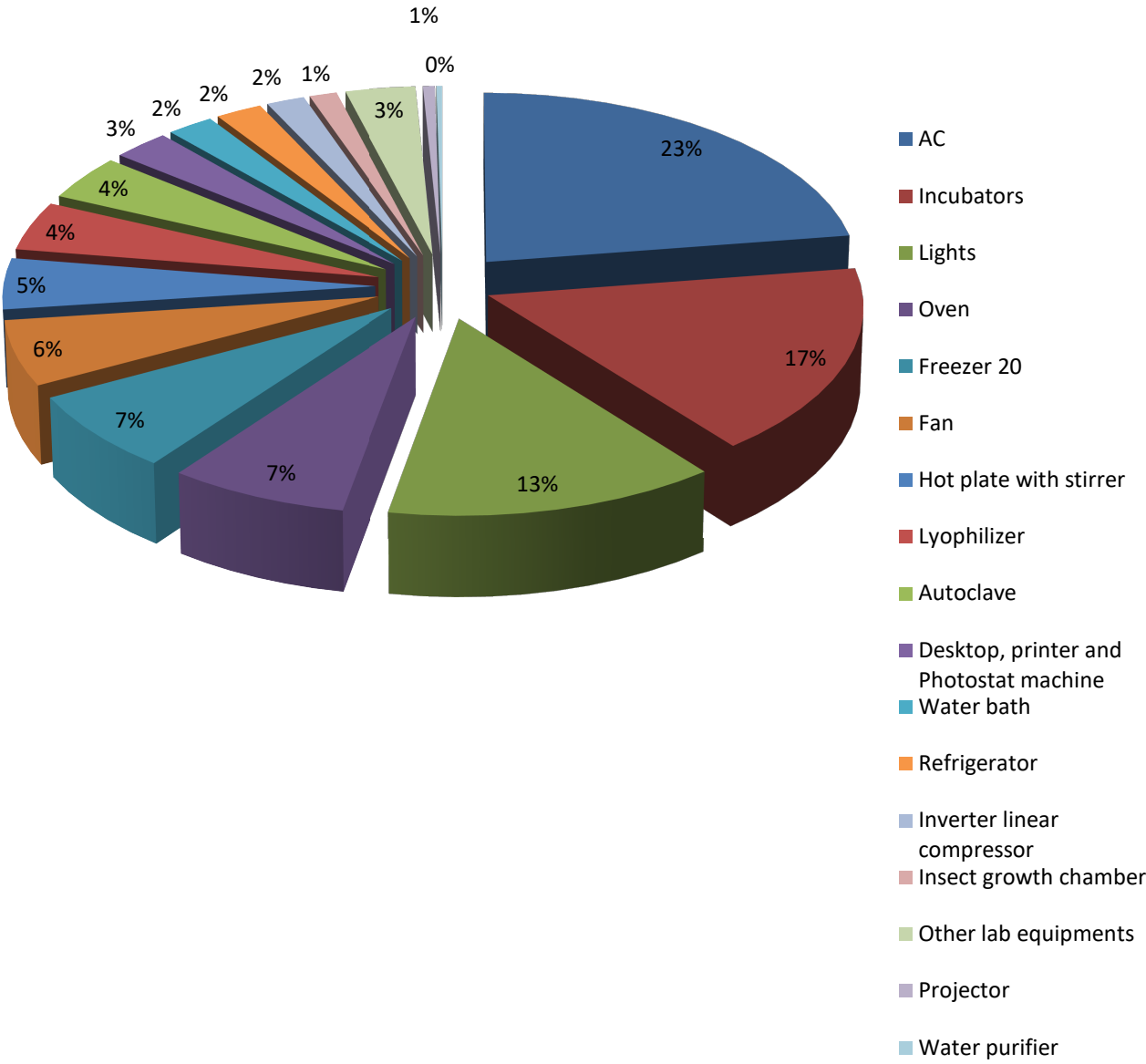


DEPARTMENT OF ZOOLOGY

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF ZOOLOGY

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	2051
Incubators	1522
Lights	1223.264
Oven	664
Freezer 20	633
Fan	525
Hot plate with stirrer	411
Lyophilizer	396
Autoclave	362
Desktop, printer and Photostat machine	242
Water bath	198
Refrigerator	197
Inverter linear compressor	161
Insect growth chamber	116
Other lab equipments	296.87
Projector	49
Water purifier	24
TOTAL	9111

ENERGY CONSUMPTION PER MONTH (kW)

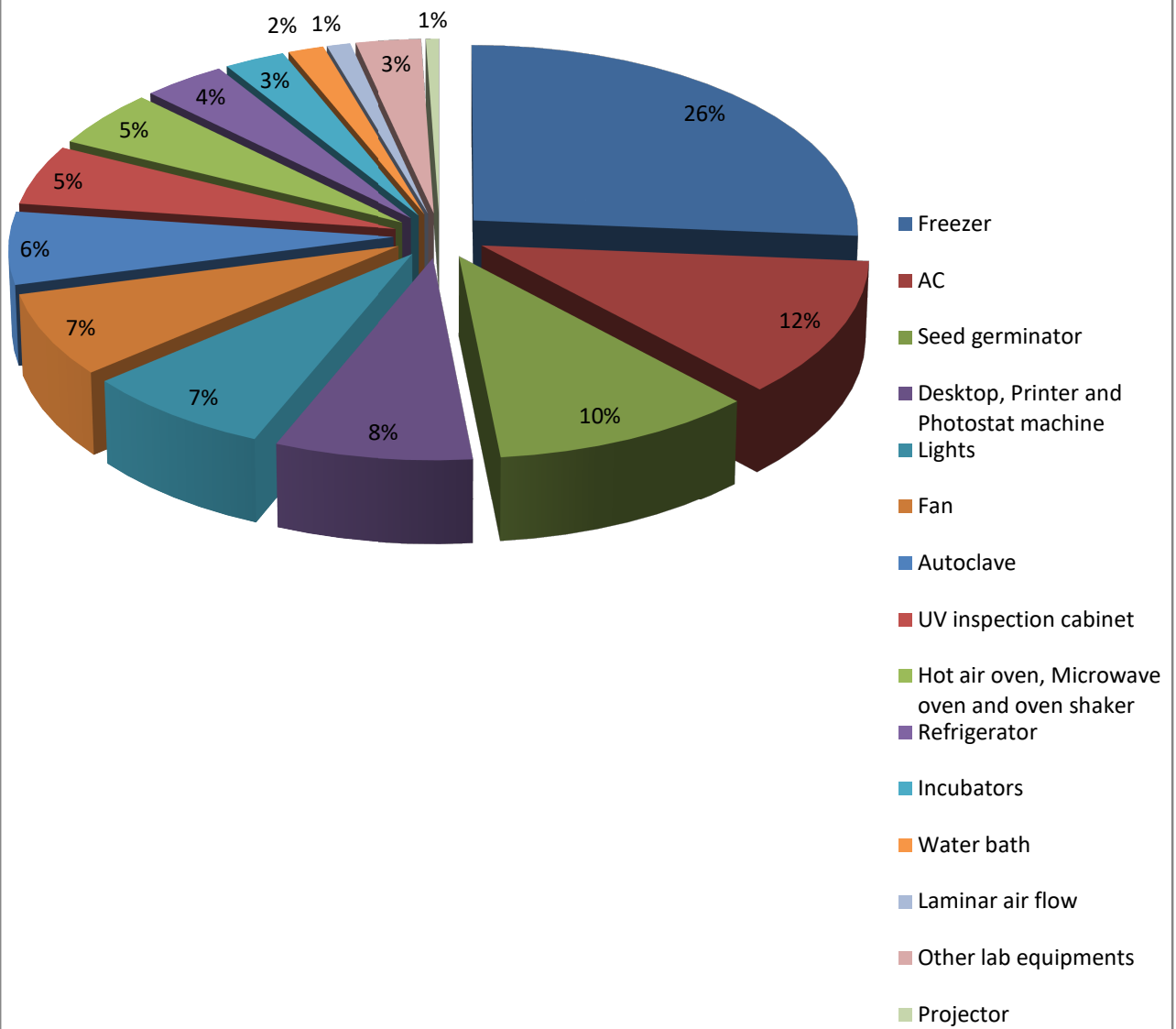


DEPARTMENT OF GENOMIC SCIENCE

ANALYSIS OF ENERGY CONSUMPTION DEPARTMENT OF GENOMIC SCIENCE

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Freezer	2225
AC	990
Seed germinator	880
Desktop, Printer and Photostat machine	661
Lights	640
Fan	600
Autoclave	528
UV inspection cabinet	440
Hot air oven, Microwave oven and oven shaker	421
Refrigerator	315
Incubators	231
Water bath	136
Laminar air flow	90
Other lab equipments	249.056
Projector	49
TOTAL	8459

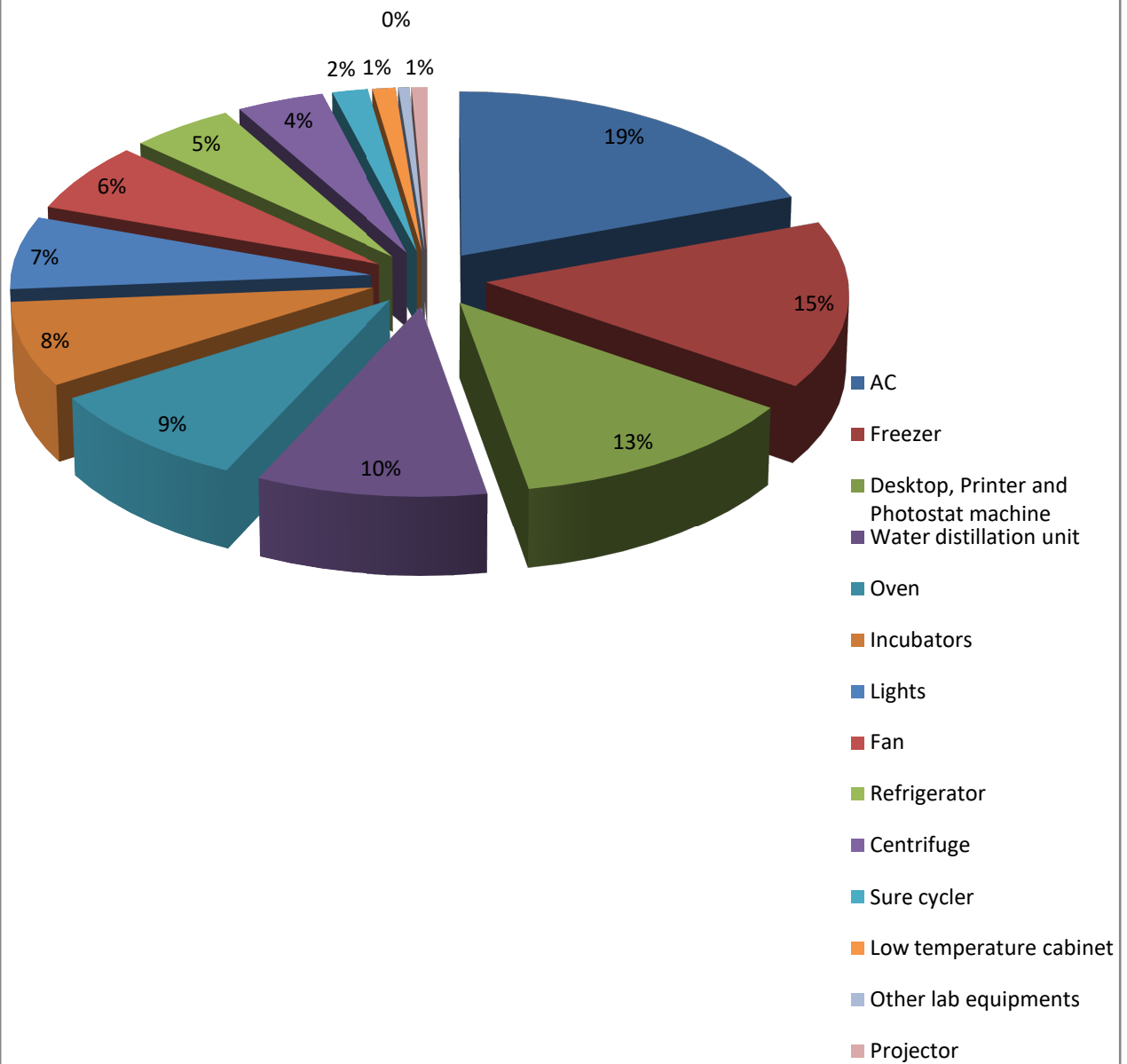
ENERGY CONSUMPTION PER MONTH (kW)



DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF BIOCHEMISTRY
AND MOLECULAR BIOLOGY

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	1298
Freezer	1023
Desktop, Printer and Photostat machine	842
Water distillation unit	651
Oven	609
Incubators	514
Lights	449
Fan	431
Refrigerator	329
Centrifuge	279
Sure cycler	116
Low temperature cabinet	73
Other lab equipments	34.73
Projector	49
TOTAL	7835

ENERGY CONSUMPTION PER MONTH (kW)

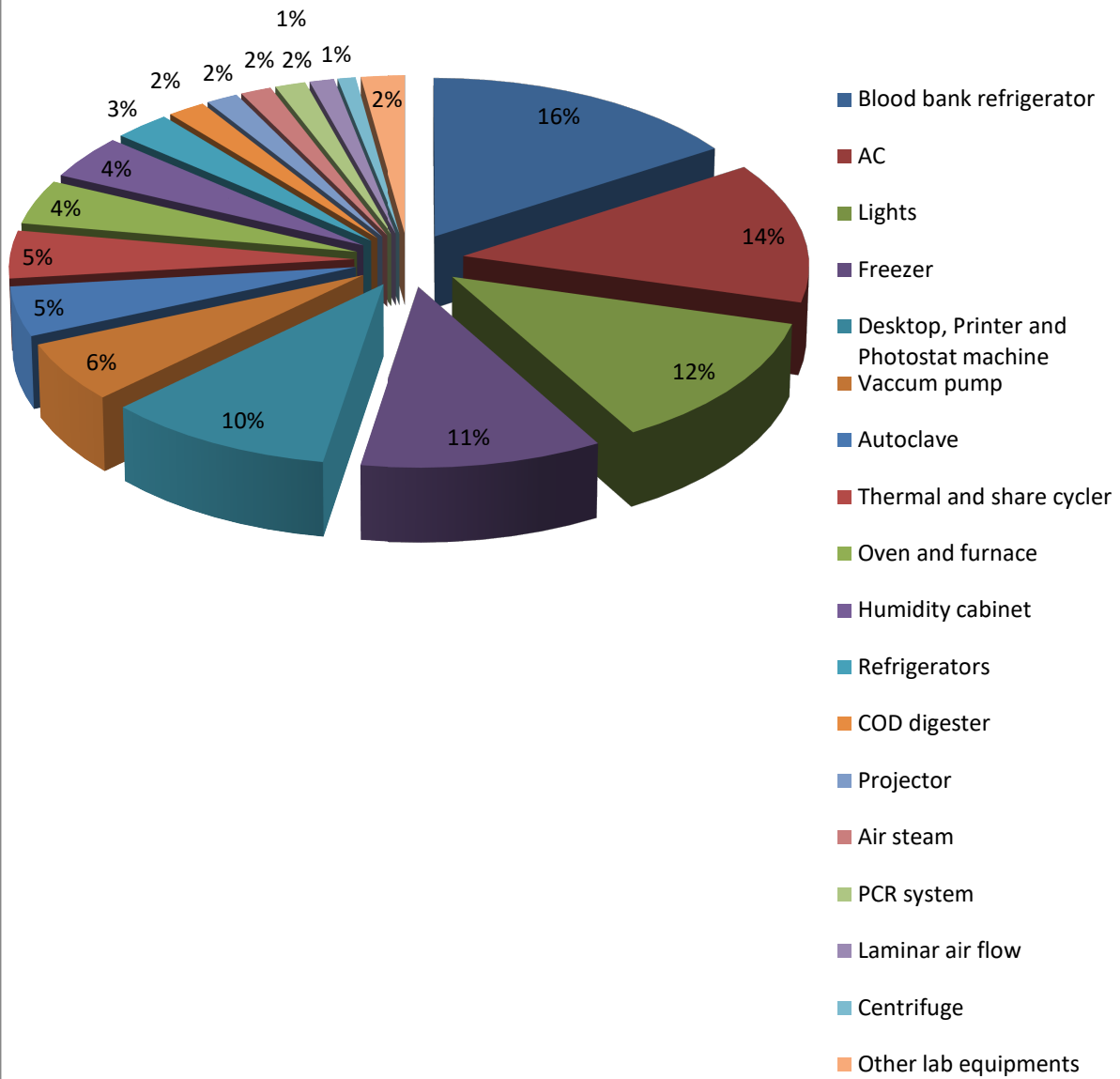


DEPARTMENT OF ENVIRONMENTAL SCIENCE

**ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF ENVIRONMENTAL
SCIENCE**

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Blood bank refrigerator	739
AC	630
Lights	579
Freezer	501
Desktop, Printer and Photostat machine	476
Vacuum pump	263
Autoclave	220
Thermal and share cycler	213
Oven and furnace	200
Humidity cabinet	198
Refrigerators	131
COD digester	88
Projector	74
Air steam	72
PCR system	71
Laminar air flow	57
Centrifuge	42.482
Other lab equipments	103.5
TOTAL	5037

ENERGY CONSUMPTION PER MONTH (kW)

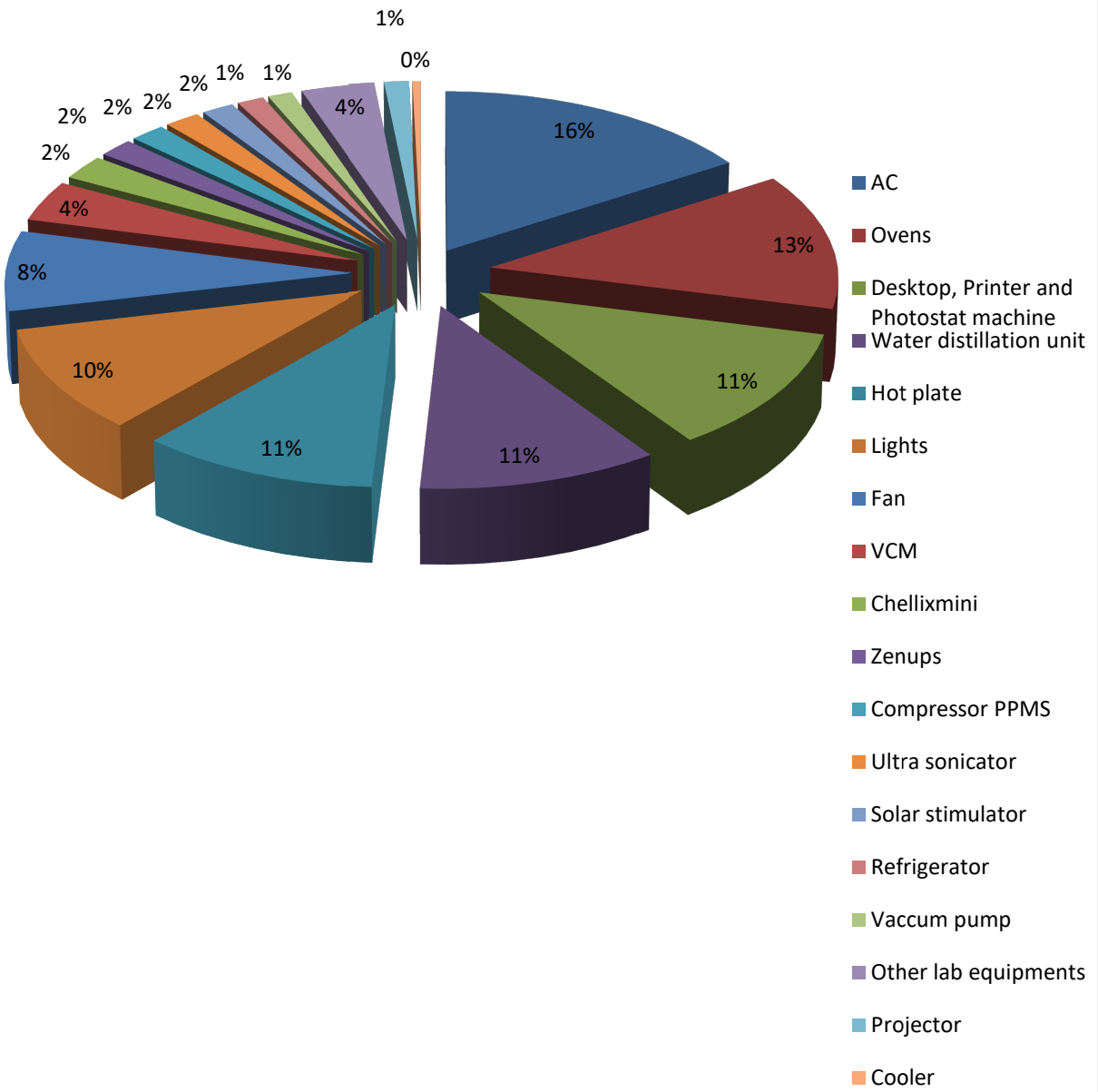


DEPARTMENT OF PHYSICS

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF PHYSICS

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	651
Ovens	530.44
Desktop, Printer and Photostat machine	469
Water distillation unit	432
Hot plate	430
Lights	407
Fan	311
VCM	158
Chellixmini	96
Zenups	72
Compressor PPMS	72
Ultra sonicator	72
Solar stimulator	66
Refrigerator	55
Vacuum pump	50
Other lab equipments	149.5
Projector	50
Cooler	17
TOTAL	4612

ENERGY CONSUMPTION PER MONTH (kW)

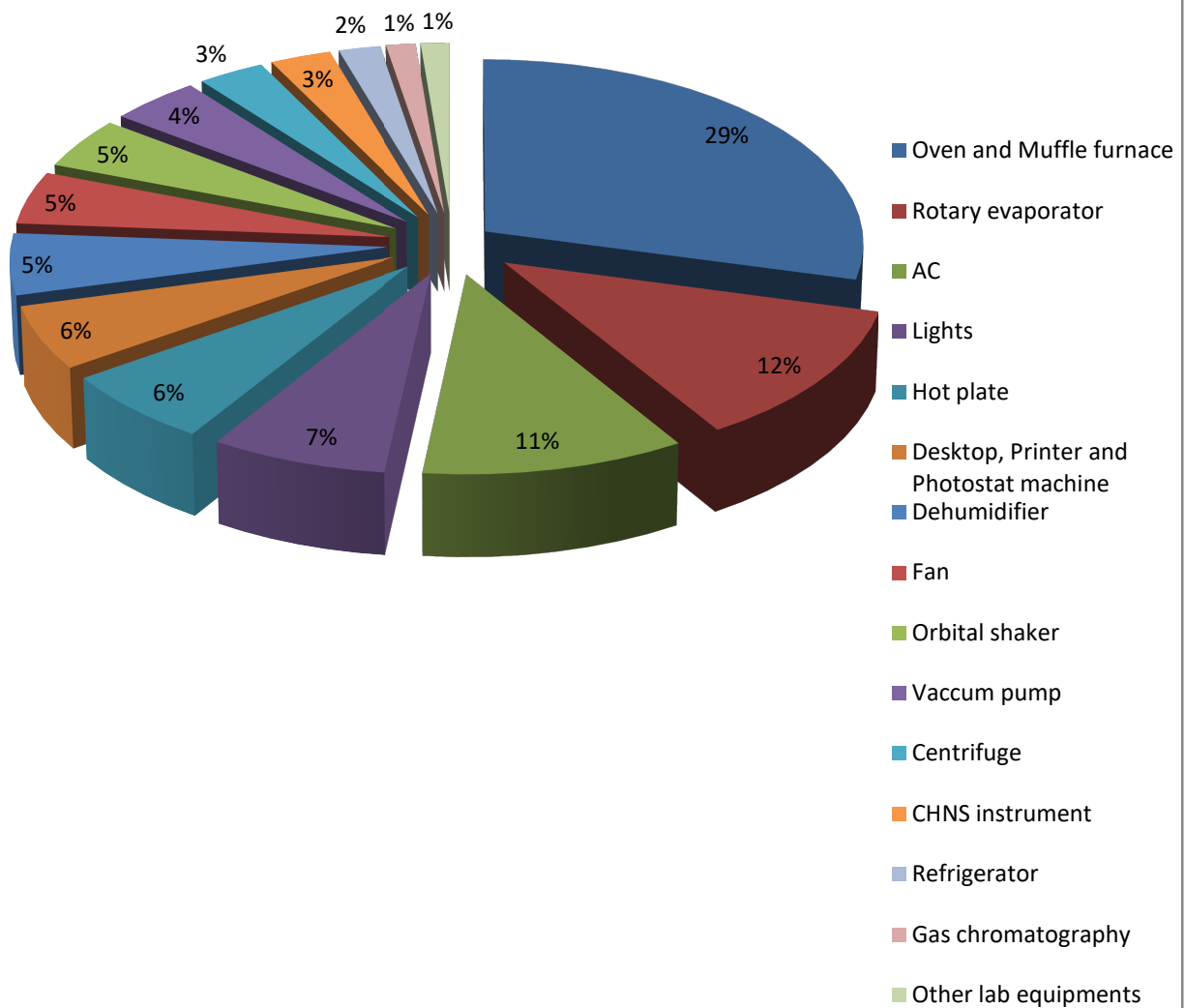


DEPARTMENT OF CHEMISTRY

ANALYSIS OF ENERGY CONSUMPTION IN DEPARMENT OF CHEMISTRY

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Oven and Muffle furnace	1716
Rotary evaporator	708
AC	619
Lights	420
Hot plate	374
Desktop, Printer and Photostat machine	327
Dehumidifier	316
Fan	273
Orbital shaker	264
Vacuum pump	246
Centrifuge	181
CHNS instrument	165
Refrigerator	114
Gas chromatography	79
Other lab equipments	77
TOTAL	5974

ENERGY CONSUMPTION PER MONTH (kW)

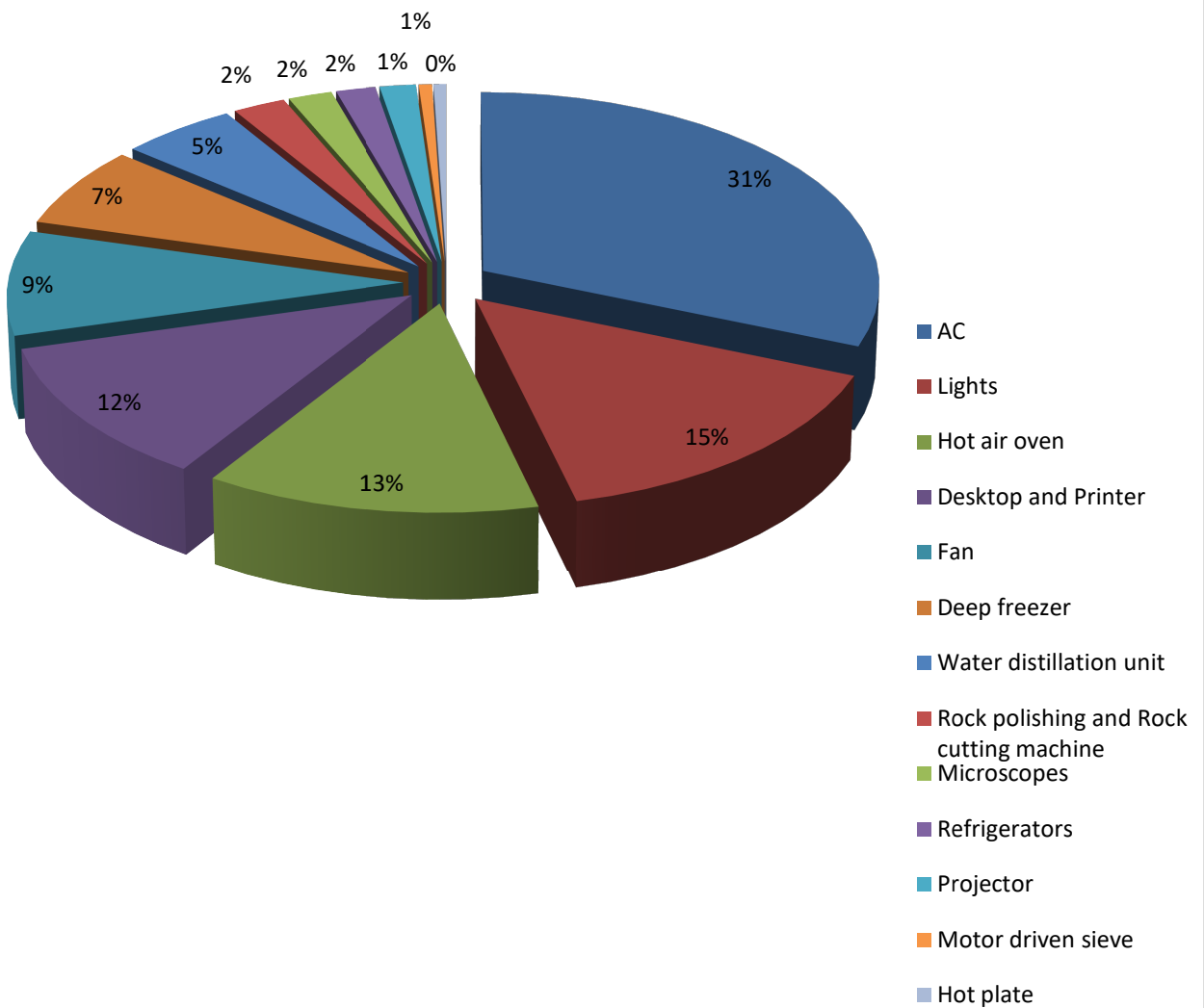


DEPARTMENT OF GEOLOGY

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF GEOLOGY

EQUIPMENT	ENERGY CONSUMPTION PER MONTH (kW)
AC	972
Lights	464
Hot air oven	396
Desktop and Printer	360
Fan	272
Deep freezer	211
Water distillation unit	158
Rock polishing and Rock cutting machine	72
Microscopes	60
Refrigerators	55
Projector	49
Motor driven sieve	18
Hot plate	17
TOTAL	3099

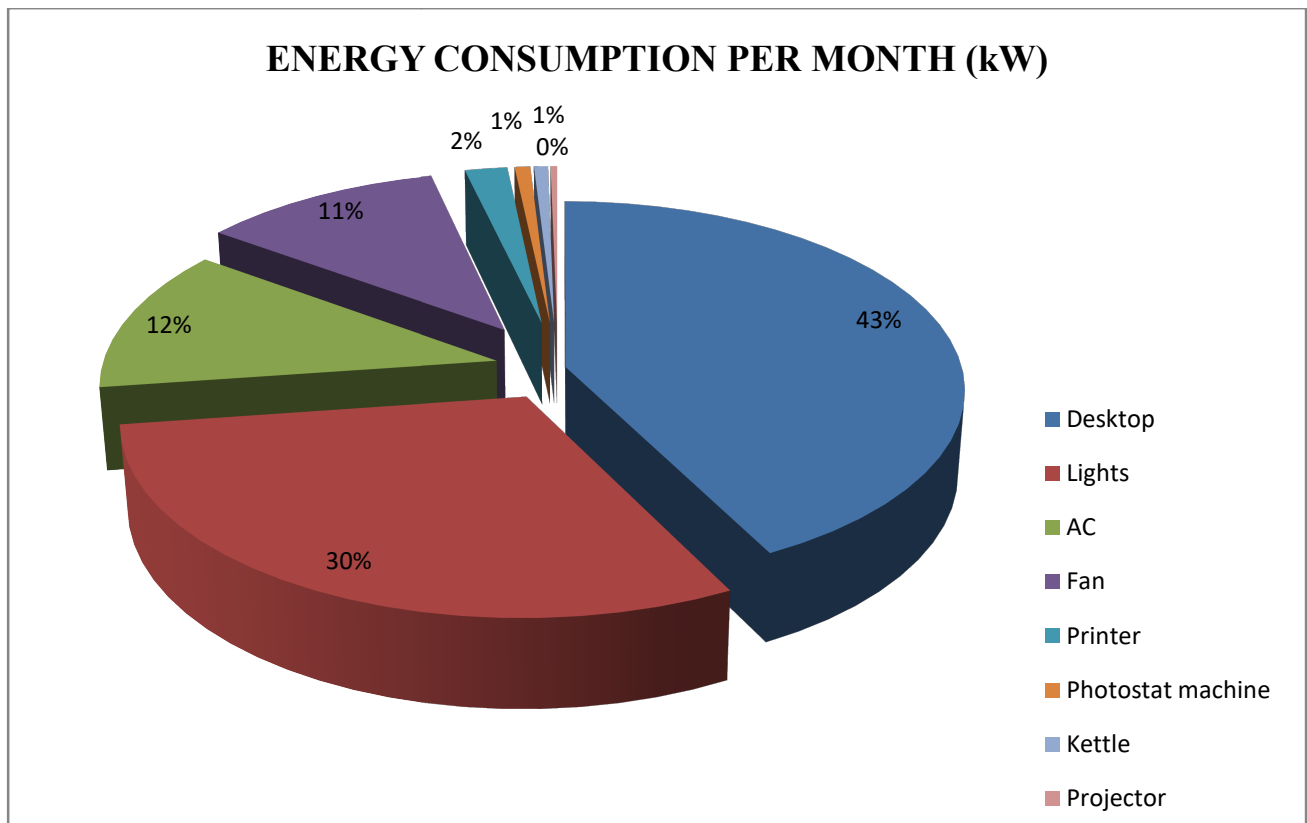
ENERGY CONSUMPTION PER MONTH (kW)



ADMINISTRATION BLOCK

ANALYSIS OF ENERGY CONSUMPTION IN ADMINISTRATION BLOCK

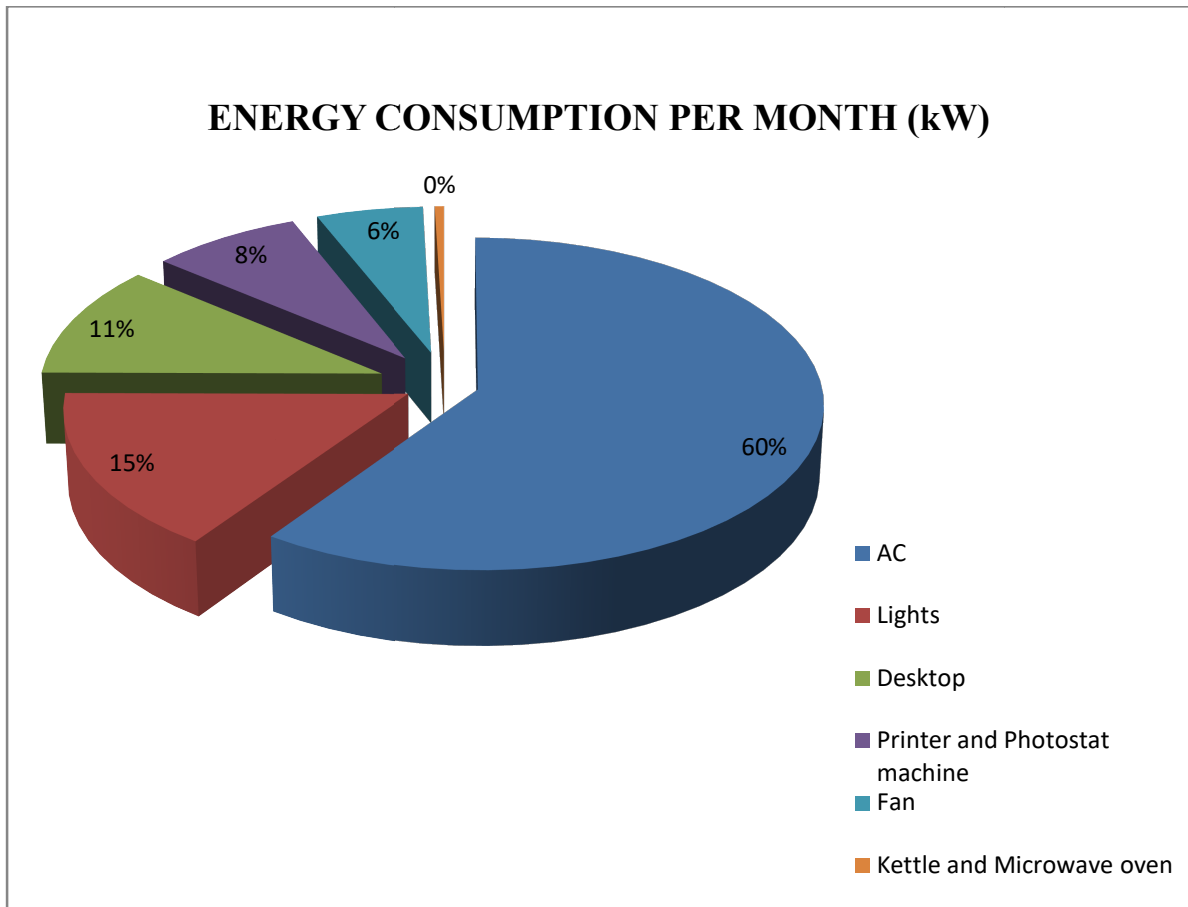
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH
	(kW)
Desktop	1689
Lights	1206
AC	489
Fan	449
Printer	79
Photostat machine	29
Kettle	26
Projector	12
TOTAL	3982



VICE CHANCELLOR'S OFFICE

ANALYSIS OF ENERGY CONSUMPTION IN VICE CHANCELLOR'S OFFICE

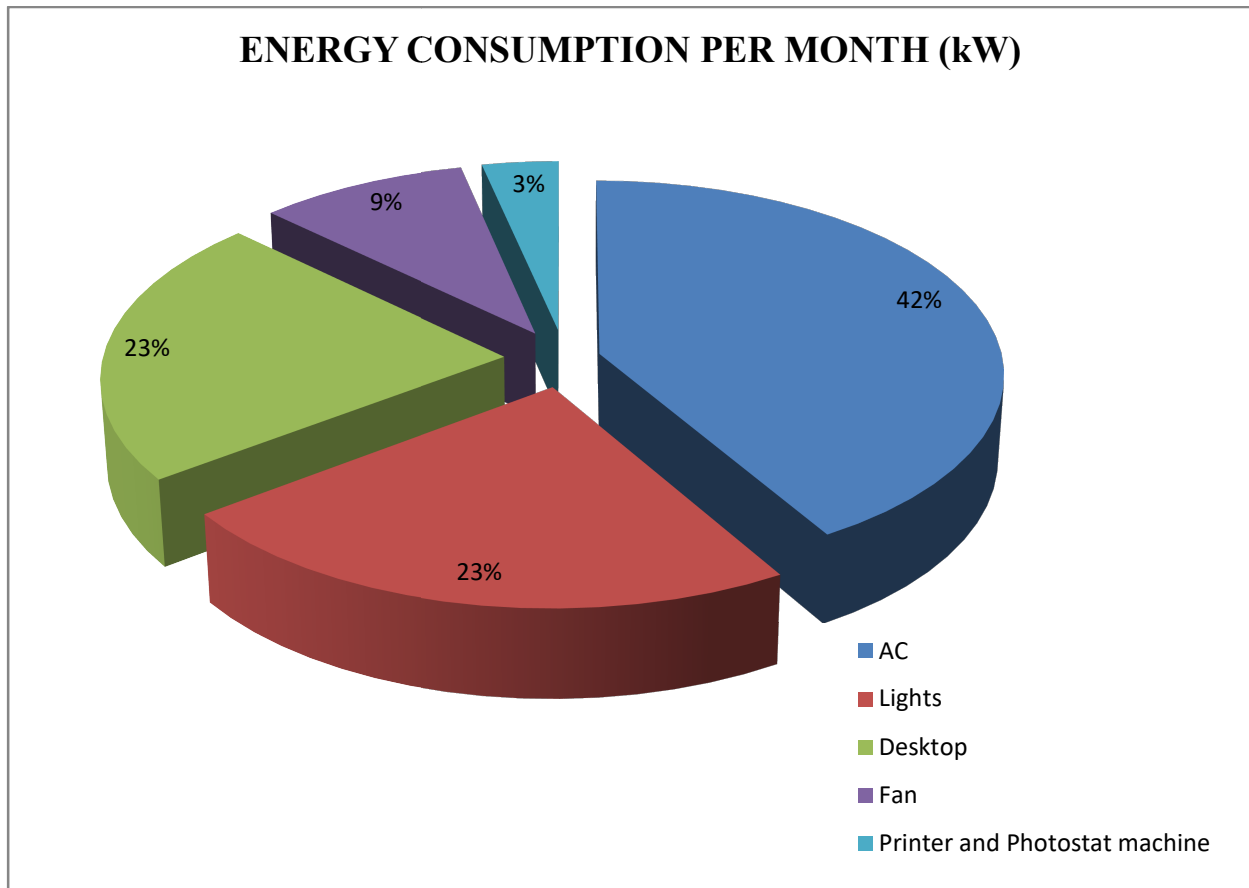
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	747
Lights	194
Desktop	138
Printer and Photostat machine	98
Fan	70
Kettle and Microwave oven	6
TOTAL	1285



REGISTRAR'S OFFICE

ANALYSIS OF ENERGY CONSUMPTION IN REGISTRAR'S OFFICE

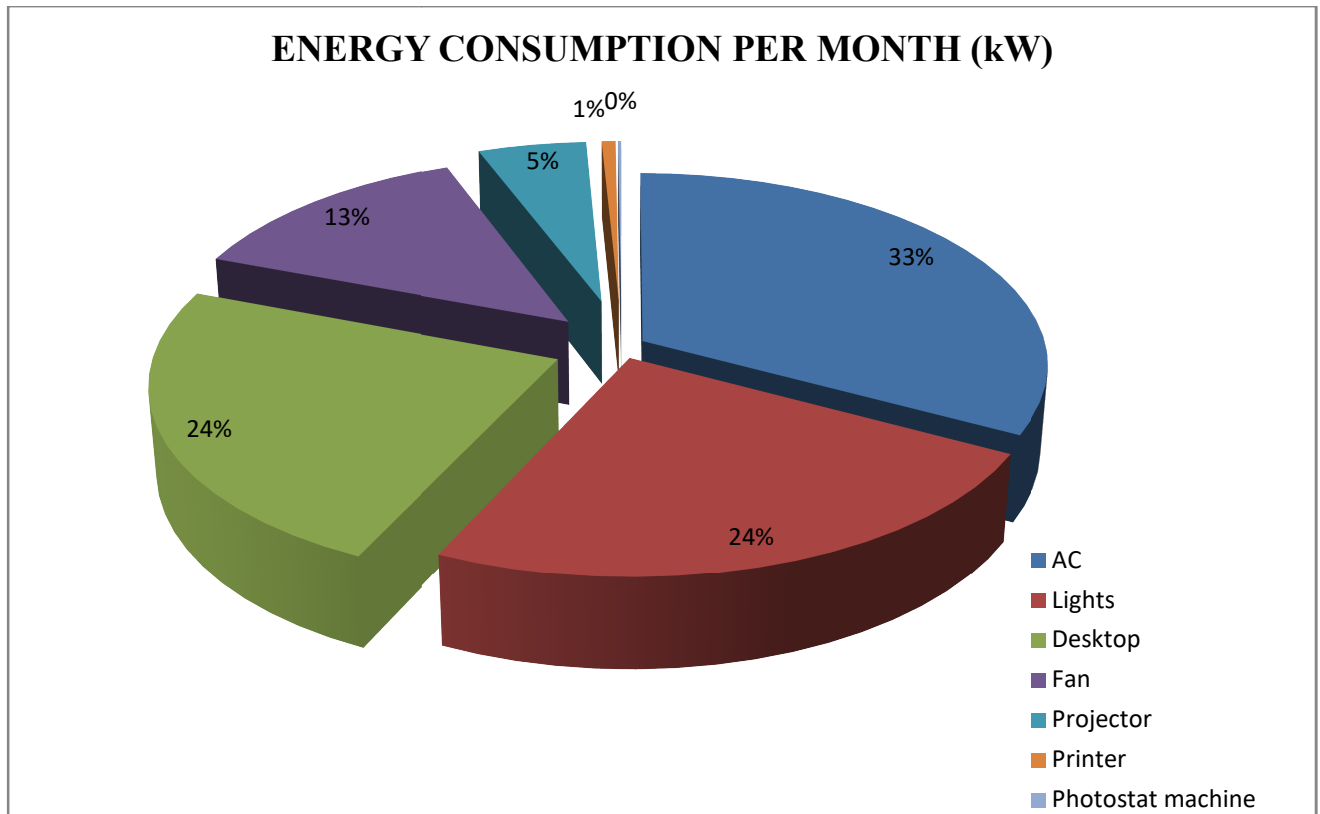
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	170
Lights	95
Desktop	92
Fan	38.528
Printer and Photostat machine	14
TOTAL	409



SCHOOL OF GLOBAL STUDIES

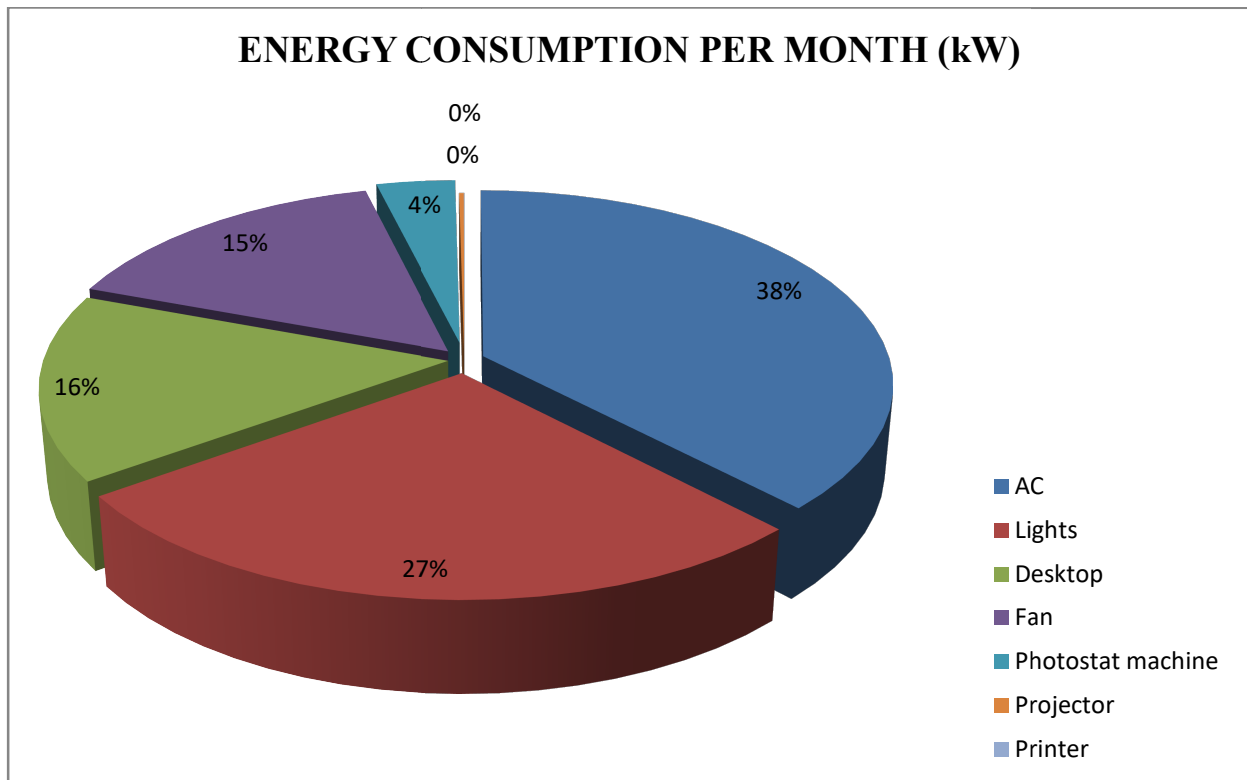
ANALYSIS OF ENERGY CONSUMPTION IN SCHOOL OF GLOBAL STUDIES

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	1634
Lights	1200
Desktop	1188
Fan	671
Projector	248
Printer	32
Photostat machine	8
TOTAL	4981



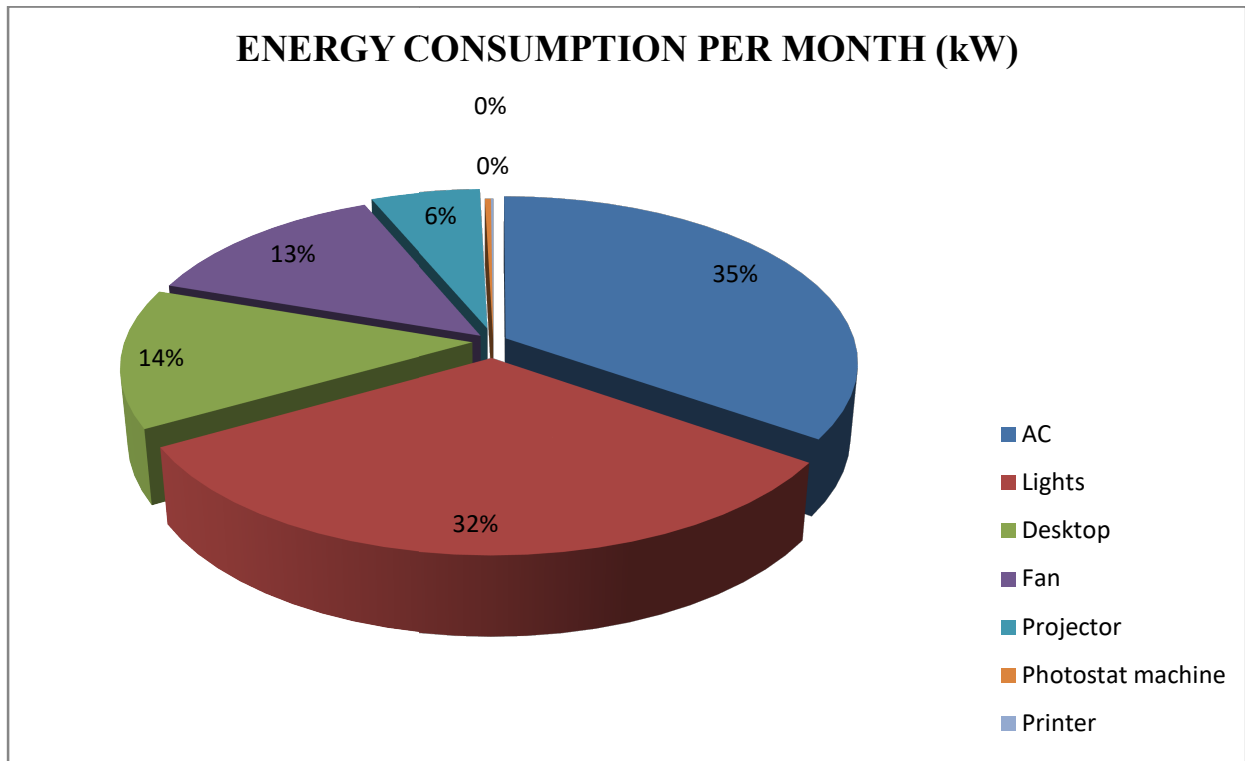
CENTRAL LIBRARY
ANALYSIS OF ENERGY CONSUMPTION IN CENTRAL LIBRARY

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	1091
Lights	788
Desktop	448
Fan	447
Photostat machine	105
Projector	6
Printer	0.704
TOTAL	2880



DEPARTMENT OF MALAYALAM AND DEPARTMENT OF HINDI
ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF HINDI AND
MALAYALAM

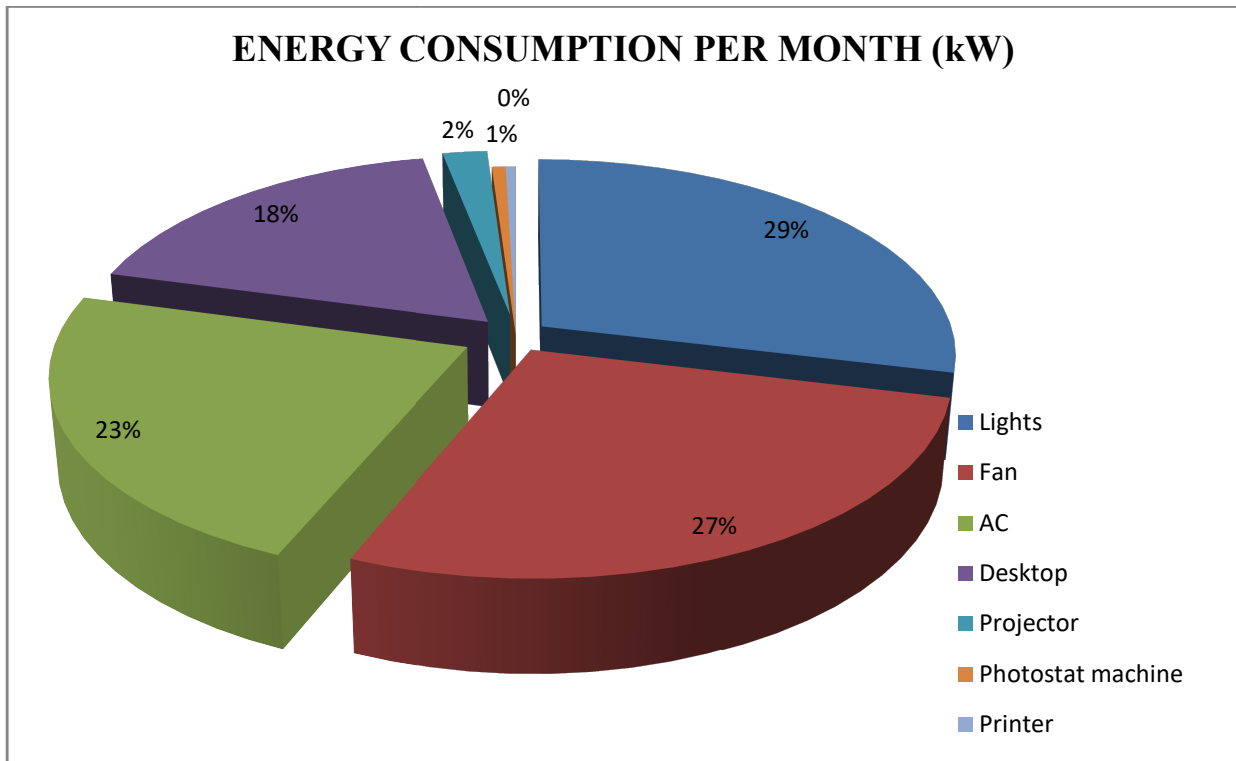
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	549
Lights	509
Desktop	214
Fan	212
Projector	93
Photostat machine	5
Printer	2
TOTAL	1487



DEPARTMENT OF LINGUISTICS

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF LINGUISTICS

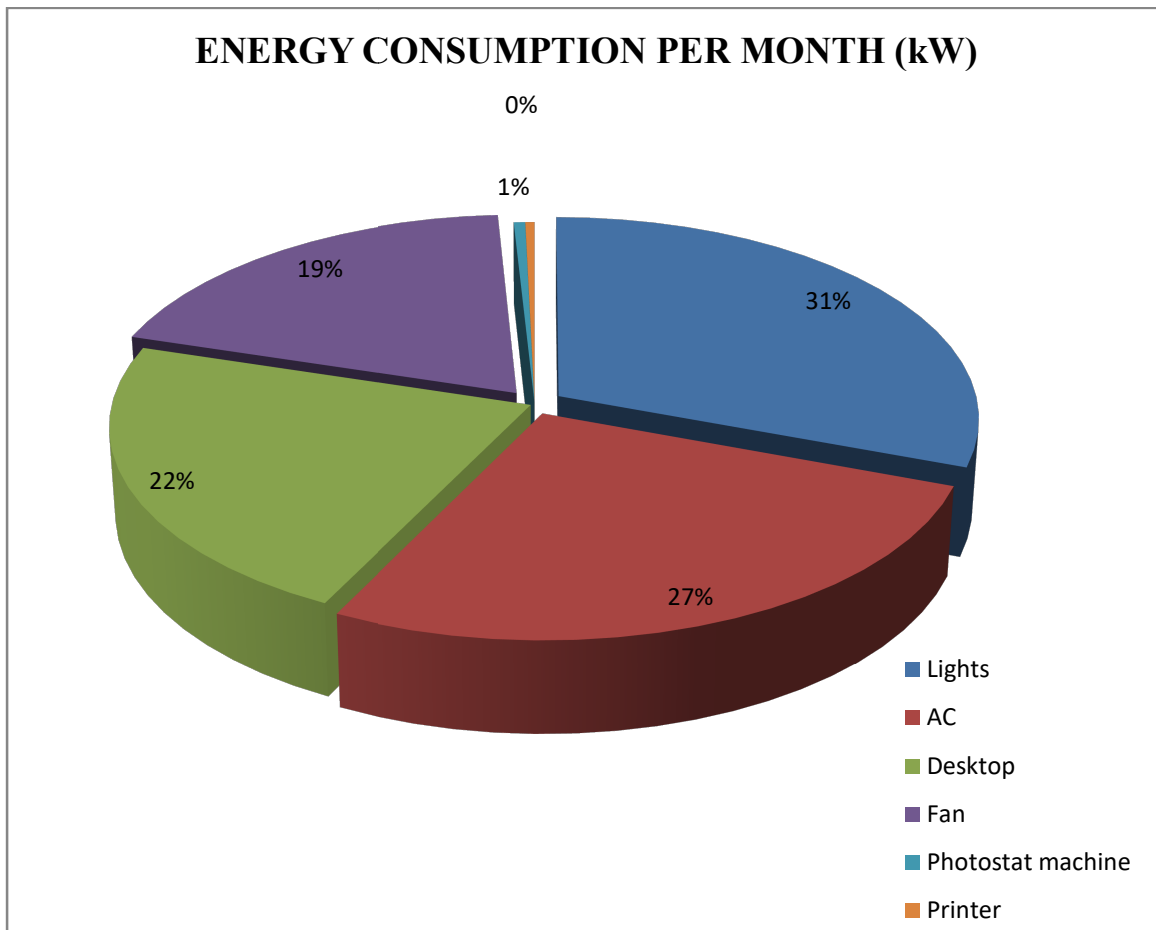
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	706
Fan	674
AC	562
Desktop	435
Projector	49
Photostat machine	15
Printer	11
TOTAL	2452



DEPARTMENT OF EDUCATION

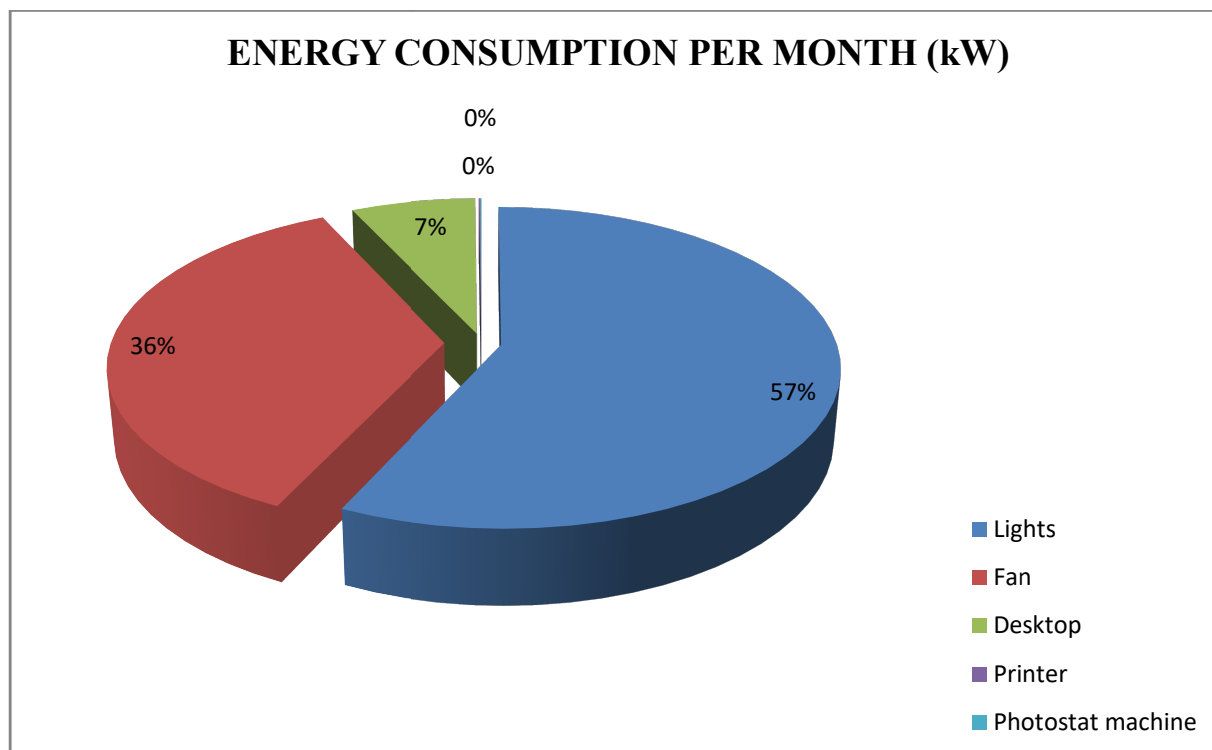
ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF EDUCATION

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	630
AC	549
Desktop	462
Fan	398
Photostat machine	10
Printer	8
TOTAL	2057



DEPARTMENT OF YOGA AND DEPARTMENT OF TOURISM STUDIES
ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF YOGA AND
TOURISM STUDIES

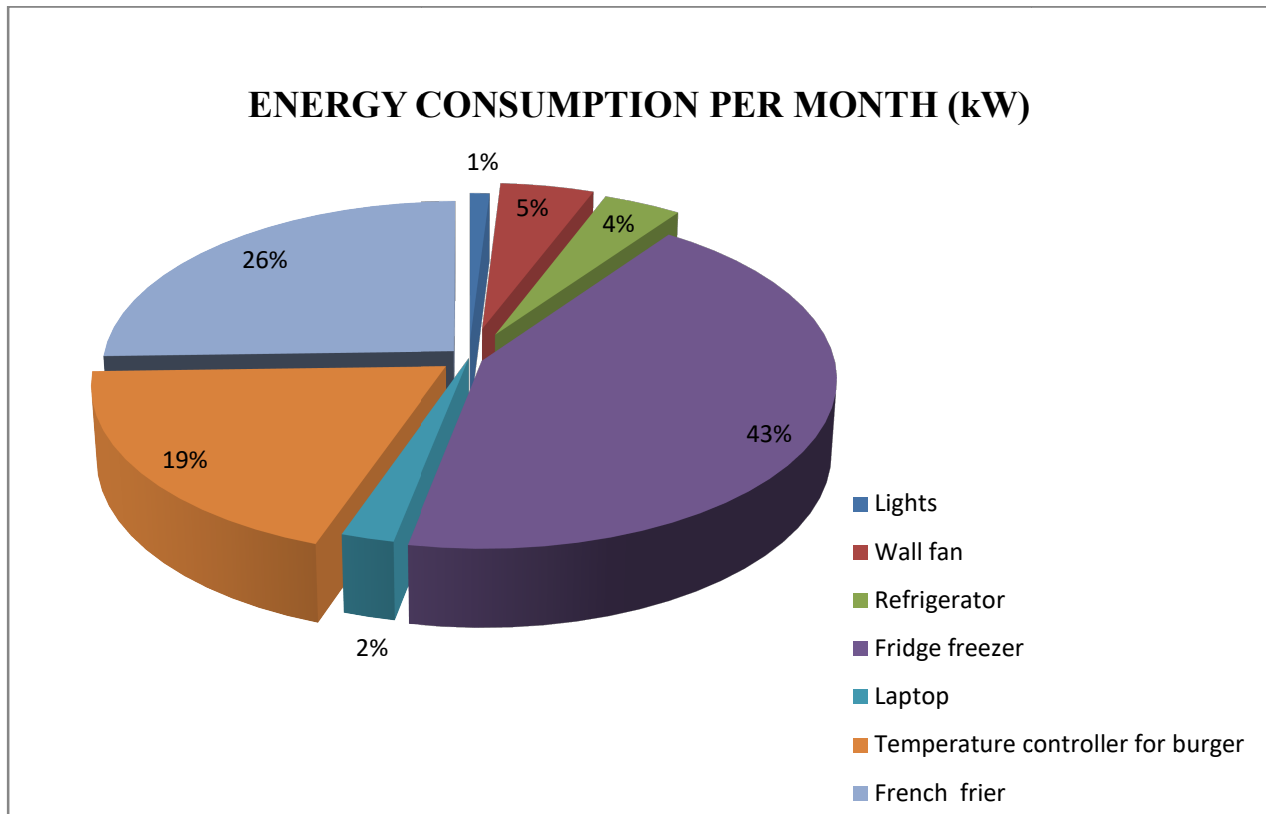
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	865.352
Fan	547
Desktop	105
Printer	1
Photostat machine	0.88
TOTAL	1519



CANTEEN

ANALYSIS OF ENERGY CONSUMPTION IN CATEEN

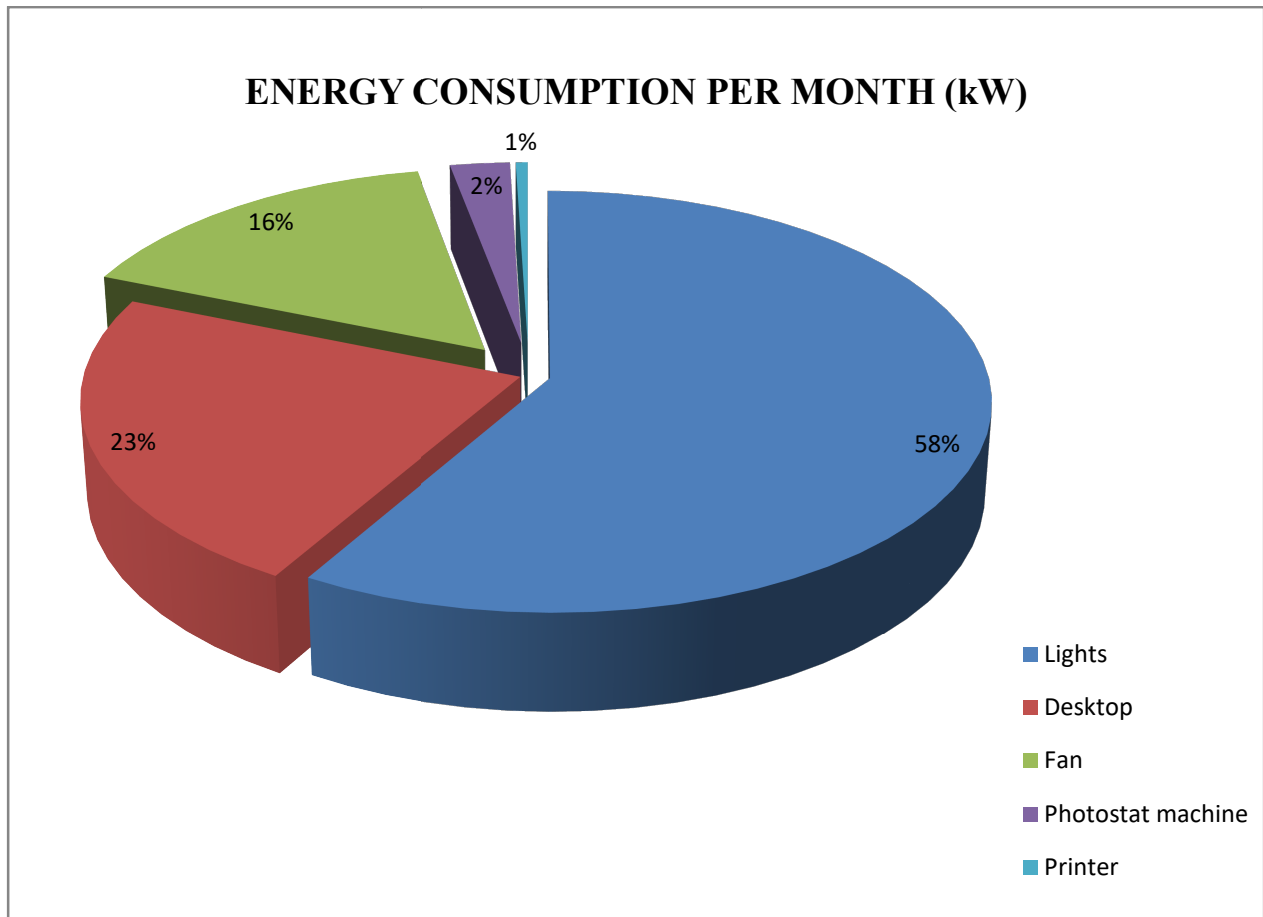
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	5
Wall fan	24
Refrigerator	20
Fridge freezer	216
Laptop	11
Temperature controller for burger	96
French fryer	127
TOTAL	499



DEPARTMENT OF COMMERCE AND INTERNATIONAL BUSINESS

ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF COMMERCE AND INTERNATIONAL BUSINESS

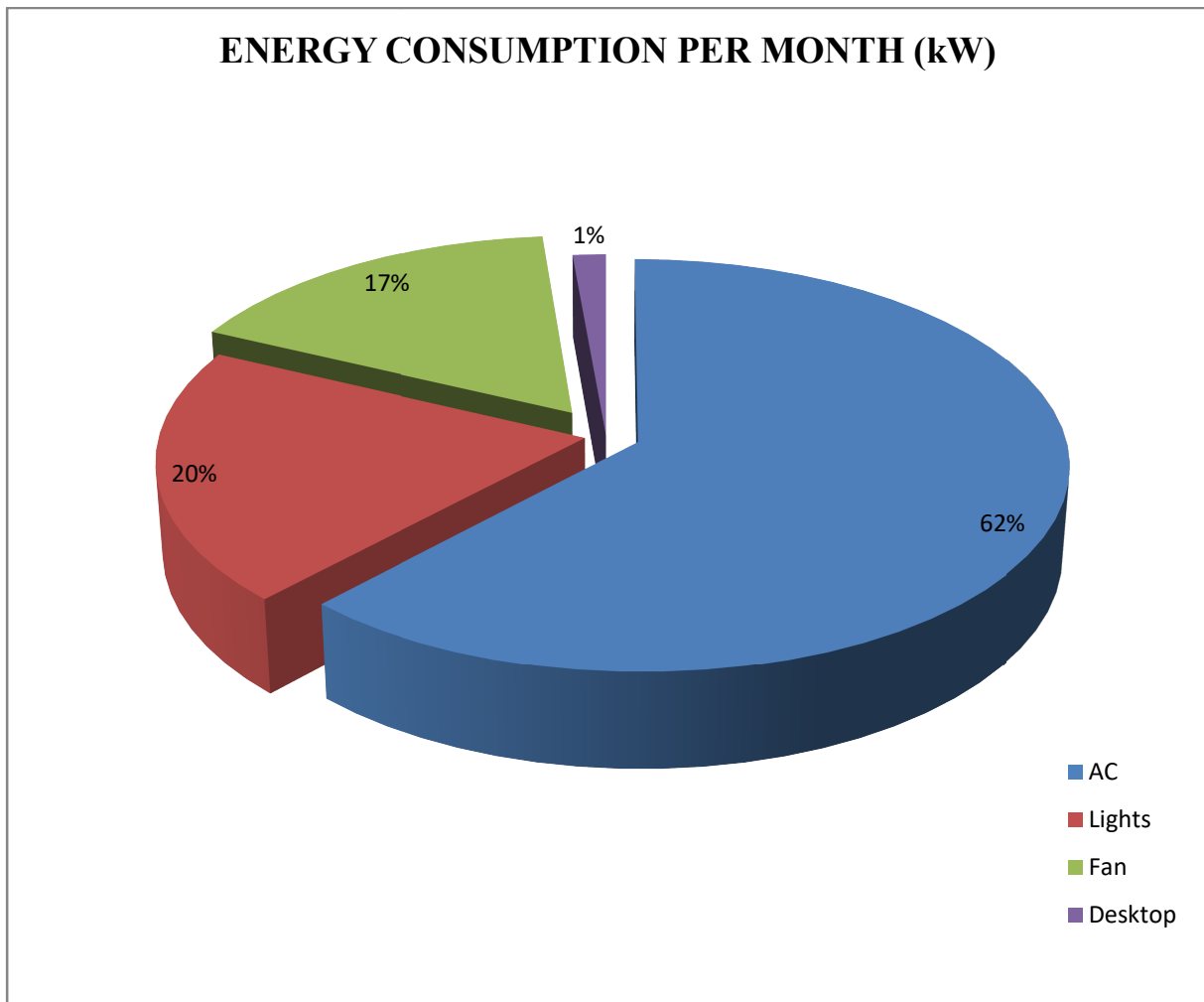
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	118
Desktop	46
Fan	32
Photostat machine	5
Printer	1
TOTAL	202



CONFERENCE HALL (SABARMATI)

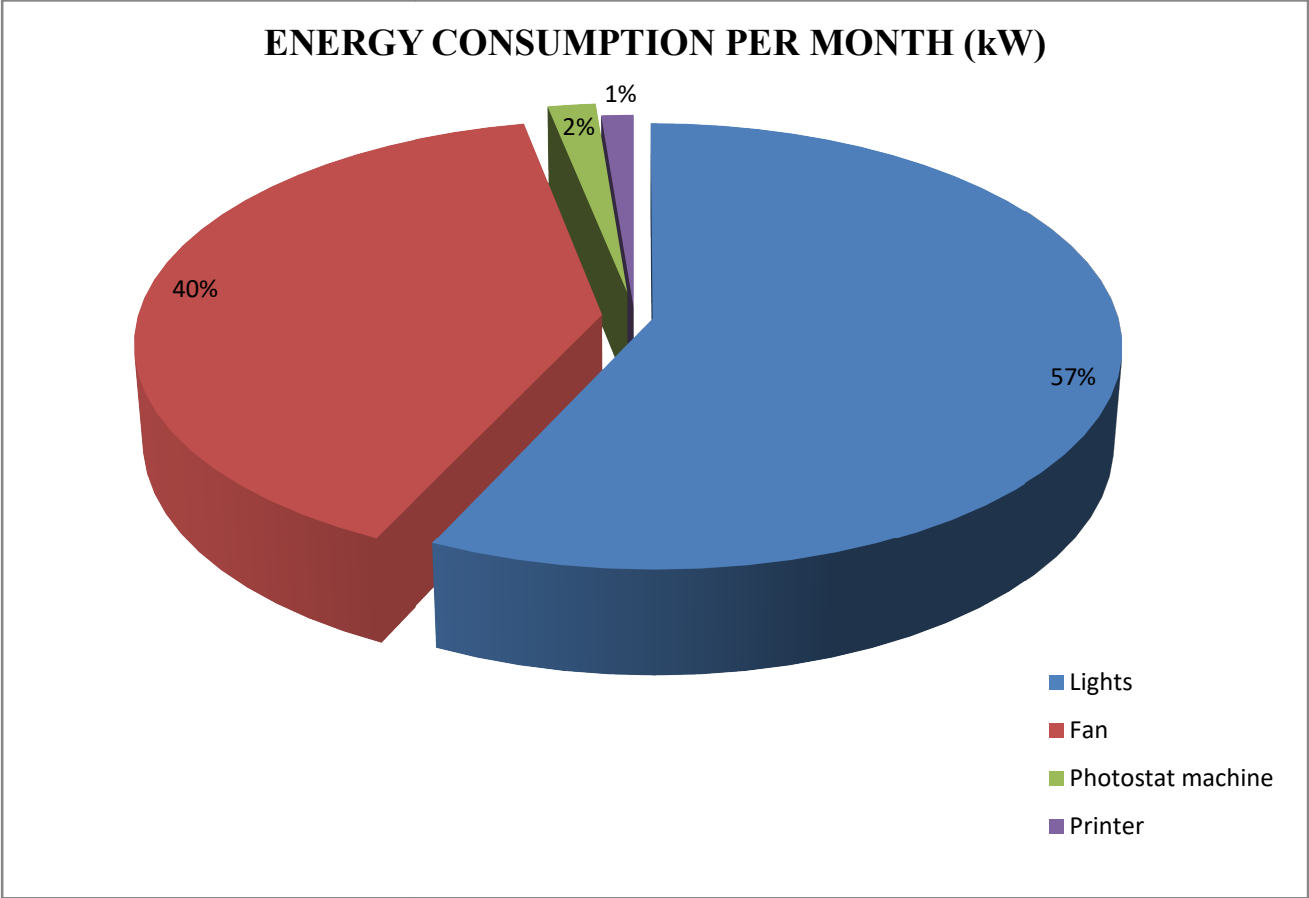
ANALYSIS OF ENERGY CONSUMPTION IN CONFERENCE HALL (SABARMATI)

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
AC	266
Lights	86
Fan	71
Desktop	6
TOTAL	429



**DEPARTMENT OF MANAGEMENT STUDIES
ANALYSIS OF ENERGY CONSUMPTION IN DEPARTMENT OF MANAGEMENT
STUDIES**

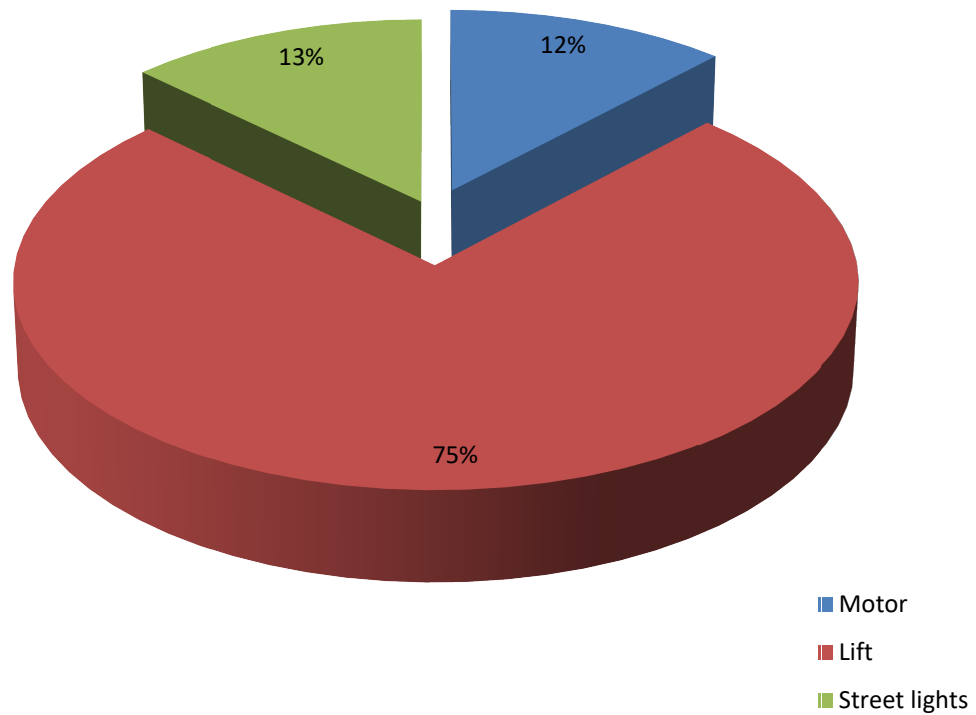
EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Lights	90
Fan	63
Photostat machine	3
Printer	2
TOTAL	158



OTHER COMMON LOADS IN CAMPUS

EQUIPMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Motor	1477
Lift	9240
Street lights	1573
TOTAL	13290

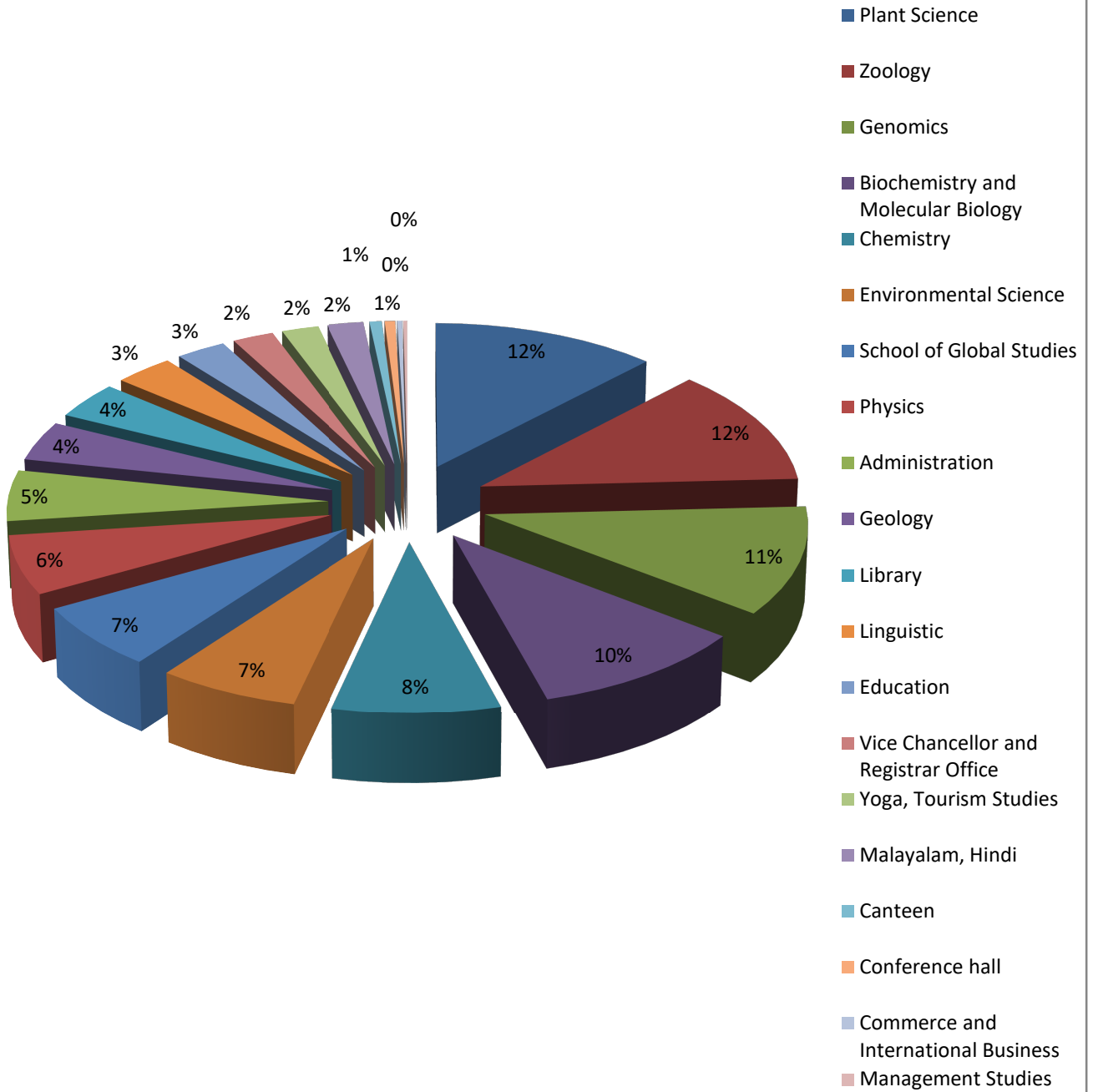
ENERGY CONSUMPTION PER MONTH (kW)



ANALYSIS OF MONTHLY ENERGY CONSUMPTION OF WHOLE DEPARTMENTS

DEPARTMENTS	ENERGY CONSUMPTION PER MONTH (kW)
Plant Science	9202
Zoology	9111
Genomics	8459
Biochemistry and Molecular Biology	7835
Chemistry	5974
Environmental Science	5037
School of Global Studies	4981
Physics	4612
Administration	3982
Geology	3099
Library	2880
Linguistic	2452
Education	2057
Vice Chancellor and Registrar Office	1694
Yoga, Tourism Studies	1519
Malayalam, Hindi	1487
Canteen	499
Conference hall	429
Commerce and International Business	202
Management Studies	158

ENERGY CONSUMPTION PER MONTH (kW)



ANALYSIS OF ENERGY CONSUMPTION OF DIFFERENT BLOCKS

BLOCK	ENERGY CONSUMPTION PER MONTH (kW)
GODAVARI	19954
KRISHNA	18086
NARMADA	11544
SABARMATI	11500
GANGOTRI	7563
KAUVERI	4981
SINDHU	4122
BRAHMPUTRA	2452
SARASWATHY	2057
YAMUNA	1617
CANTEEN	499
TOTAL	84375

ENERGY CONSUMPTION IN VARIOUS BLOCKS

