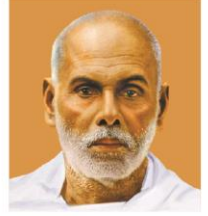


Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



DEPARTMENTAL BUDGET



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Environmental Engineering Lab

SL. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Ammonia solution	500 ml	400/L	200	August
2	Acetic acid	500 ml	800/L	400	August
3	Silver Nitrate	500 ml	1000/L	500	August
4	Methyl Orange	250 ml	1200/L	300	August
5	Phenolphthalein	250 ml	1400/L	350	August
6	Potassium iodide	100 g	16.5/gm	1650	August
7	Sodium Chloride	500 g	360/kg	180	August
8	Ammonia buffer solution	500 ml	520/L	260	August
9	Eriochrome Black T	25 g	13.2/g	330	August
10	Bleaching powder	250 g	320/kg	80	August

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**SREE NARAYANA GURU COLLEGE OF
ENGINEERING TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Transportation Engineering Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Aggregate	50 cft	40	2000	July
2	Broom	1	150	150	June

TOTAL AMOUNT[in words]:Two thousand one hundred and fifty only

Technical Staff In-charge: Akhil... K.C

Dated Signature:
25/5/22

Faculty In-charge:

Dated Signature:.....


Dr. LEENA A V
PRINCIPAL
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PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

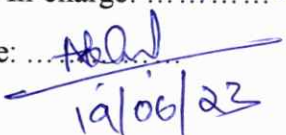
TOTAL EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

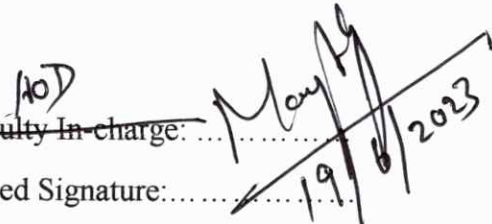
Name of Lab: Civil Engg. Laboratories

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Material Testing Laboratory	1	21837	21837	
2	Environmental Engg. Laboratory	1	26509	26509	
3	Surveying Laboratory	1	7350	7350	
4	Transportation Engg. Laboratory	1	440	440	
	TOTAL			56,136/-	

TOTAL AMOUNT[in words]: Fifty six thousand one hundred and thirty six Rupees only

Technical Staff In-charge: Akhil K.C.

Dated Signature: 
19/06/23

Faculty In-charge: 

Dated Signature: 19/06/2023


Dr. LEENA A V
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P. A. YANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY.**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: GeoTech Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Gloves	2 set	800	1600	August
2	Trowel	2	100	200	August
3	Kerosene	1 L	100	100	August
4	Chisel	1	200	200	August
5	Hammer	1	250	250	August

TOTAL AMOUNT[in words]: Two thousand three hundred and fifty Rupees only

Technical Staff In-charge: Akhil K.C

Dated Signature: [Signature]
25/5/22

Faculty In-charge: Sangeetha M

Dated Signature: [Signature]
25/5/22

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PILYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
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DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Concrete Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Cement	6 Bags	400	2400	August
2	Coarse Aggregate	80 cft	45	3600	August
3	River Sand	60 cft	150	9000	August
4	Trenching hoe	1	200	200	August
5	Gum boot	2 set	300	600	August
6	Metal Pan	1	300	300	August

**TOTAL AMOUNT[in words]: Sixteen thousand one hundred Rupees
Only**

Technical Staff In-charge: Akhil K.C

Dated Signature: [Signature]
25/5/22

Faculty In-charge: [Signature]

Dated Signature: [Signature]
25/5/22

Dr. LEENA A V
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PAYYANUR

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Material Testing Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	12 mm dia MS bars 60 cm long	20 Nos.	45	900	June
2	Machine oil	1 L	300	300	June
3	Grease	1 kg	500	500	June
4	Hammer	1	200	200	June
5	Screw driver	1	300	300	June
6	Cutting player	1	400	400	June
7	Stop watch	2	500	1000	June
8	Hand wash	500 ml	200/L	100	June
9	Soap	2	20	40	June


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**TOTAL AMOUNT[in words]:Three thousand seven hundred and
fourty Rupees only**

Technical Staff In-charge: Akhil K.C

Dated Signature: Akhil
28/5/22

Faculty In-charge: Shilpa Valsakumar

Dated Signature: Shilpa
25/5/22

Leena
Dr. LEENA A V
PRINCIPAL
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PAYYANUR, KANNUR



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DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Surveying Lab

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Measuring Tape	1	500	500	August
2	Hammer	1	300	300	August
3	Rope	5 kg	50	250	August
4	Repair charges (Theodolite, Dumpy Level)	5	2000	10000	August

TOTAL AMOUNT[in words]: Eleven Thousand and fifty Rupees only

Technical Staff In-charge: Akhil K.C

Dated Signature:
25/5/22

Faculty In-charge:
25/5/22

Dated Signature:.....
25/5/22


Dr. LEENA A V
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PAYYANUR

DEPARTMENT OF CIVIL ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: ENVIRONMENTAL ENGINEERING LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	Distilled water				42 L						
2	Salicylic Acid						500 g				
3	Mercuric Sulphate						500 ml				
4	Hexamine						500 g				
5	Buffer Powder pH 4						1 Bottle				
6	Buffer Powder pH 7						1 Bottle				
7	Sodium Nitrate						1				
8	Pottasium Sulhate						500 g				
9	Aluminium Sulphate						500 g				
10	Conductivity meter						1				
11	Filter Paper No.1-0.9 cm						1				
12	Round bottom flask 500 ml						1				

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13	Condenser					2				
14	Aluminium POT Sulphate					500 g				
15	Petridish					5				
16	Loop Holder					5				
17	Nichrome Wire 100g					1				
18	Dissection Needle					5				
19	Watch glass					7				
20	Sodium Hydroxide					500 g				
21	Acetic Acid					500 ml				
22	Silver Nitrate					5 g				
23	Potassium Chromate					25 g				
24	Sodium thiosulphate					250 g				
25	Sodium Azide					100 g				
26	Magnesium Sulphate					50 g				
27	Std. Chlorine Solution					500 ml				
28	Iodine Solution					500 ml				
29	Disodium EDTA					100 G				
30	Sulphuric Acid Reagent					500 ml				

REVATHI-P

Revathi

Dr. LEENA A V
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AKSHAY-P

Akshay



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UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MATERIAL TESTING LABORATORY

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	Cement				2 Bag						
2	River Sand				2 Bag						
3	Hand wash				2 Bottle						
4	Gum Boot				1 Set						
5	Gloves				1 Set						
6	Coarse Aggregate						25 cft				
7	Fine aggregate (M- Sand)						10 cft				
8	River Sand						1 Bag				

Akhil K. C.

(Signature)

(Signature)

(Signature)
21/11/22
Shilpa Valsakumar

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PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

TOTAL EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Environmental Engg. Laboratory

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Salicylic acid 500gm	1	555.43	555.43	November
2	Mercuric sulphate 500 ml	1	1220.70	1220.70	November
3	Hexamine 500 g	1	365.33	365.33	November
4	Buffer Powder Ph 4.0	1	320.54	320.54	November
5	Buffer Powder Ph 7.0	1	320.54	320.54	November
6	Sodium Nitrate	1	292.05	292.05	November
7	Pottasium sulphate 500 g	1	264.44	264.44	November
8	Aluminium sulphate 500 g	1	213.46	213.46	November
9	Conductivity meter	1	10502.00	10502.00	November
10	Filter paper	1	110.88	110.88	November

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PATTAMANGALAM, KANNUR

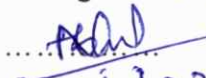
11	Round bottom flask 500 ml	1	271.40	271.40	November
12	Condenser 300 mm	2	472.03	944.06	November
13	Aluminium pot.sulphate 500g	1	175.23	175.23	November
14	Petridish	5	138.06	690.30	November
15	Platinum loop holder	5	63.72	318.60	November
16	Nichrome wire 100 g	1	233.64	233.64	November
17	Dissection needle	5	6.04	30.24	November
18	Watch glass	5	14.86	74.34	November
19	Sodium hydroxide pellets 500 g	1	366.39	366.39	October
20	Acetic acid 500 ml	1	156.11	156.11	October
21	Silver nitrate 10 g	1	2527.56	2527.56	October
22	Potassium chromate 500 g	1	690.30	690.30	October
23	Starch 500 g	1	722.16	722.16	October
24	Magnesium sulphate 500 g	1	212.40	212.40	October
25	Magnesium Chloride 500 g	1	233.64	233.64	October


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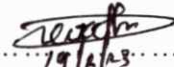
26	Sodium azide 100g	1	879.34	879.34	October
27	Hydrazine Sulphate	1	345.15	345.15	October
28	Chlorine water 500 ml	1	206.64	206.64	October
29	Sulphuric acid 500 ml	1	254.88	254.88	October
30	Iodine solution 125 ml	4	94.14	376.58	October
31	EDTA Disodium salt 100 g	1	220.80	220.80	October
32	DM water pet 5L	6	169.92	1019.52	October
33	Sodium thiosulphate	1	194.33	194.33	October
34	Battery water	40 L	25	1000	September
	TOTAL			26,509	

TOTAL AMOUNT[in words]:Twenty Six thousand five hundred and nine Rupees only

Technical Staff In-charge: Akhil... K.C

Dated Signature: 
19/6/23

Faculty In-charge: REVA TH I - P

Dated Signature: 
19/6/23


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



Kripa Surgical

FIRST FLOOR, THOUFEEQUE COMPLEX, OPP. ST. MARY'S SCHOOL, PAYYANUR, KANNUR DT.
Phone : 04985 206445, 8281132745, e-mail: kripasurgical@yahoo.com

Distributors in : Laboratory Chemicals & Equipments, Diagnostics & Drug Items

S N G C E T , PAYYANNUR			Bill No : 4098		Date : 08/11/2022							
Order No: :			Rep : D R T		Date :							
Sl. No.	Particulars	HSN Code	Batch	Expiry	Qty	Rate	Discount	GST	CGST	SGST	IGST	Total
1	SALICYLIC ACID (500 GM)	2918	MEDILISE	01/2031	1	523.00	52.30	18%	42.36	42.36	0.00	555.43
2	MERCURIC SULPHATE ,500ML	3822	KANTON	01/2032	1	1088.94	54.45	18%	93.10	93.10	0.00	1220.70
3	HEXAMINE 99%,500G	2933	KANTON	01/2032	1	344.00	34.40	18%	27.86	27.86	0.00	365.33
4	BUFFER POWDER PH 4.0-NICE	3822	NICE	01/2032	1	318.00	31.80	12%	17.17	17.17	0.00	320.54
5	BUFFER POWDER PH 7.0- 10 CP	3822	NICE	01/2032	1	318.00	31.80	12%	17.17	17.17	0.00	320.54
6	SODIUM NITRATE L.R	2834	NICE	01/2032	1	275.00	27.50	18%	22.28	22.28	0.00	292.05
7	POTASSIUM SULPHATE L.R, 500GM	3104	SPECTRUM	01/2029	1	249.00	24.90	18%	20.17	20.17	0.00	264.44
8	ALUMINIUM SULPHATE L.R- 500GM	2833	NICE (2)	01/2030	1	201.00	20.10	18%	16.28	16.28	0.00	213.46
9	CONDUCTIVITY METER DIGITAL	9027	INNATE	01/2032	1	8900.00	0.00	18%	801.00	801.00	0.00	10502.00
10	FILTER PAPER NO.1 0.9CM	4805	WHATHAN	01/2026	1	110.00	11.00	12%	5.94	5.94	0.00	110.88
11	ROUND BOTTOM FLASK 500ML	7017	BOROSIL	01/2032	1	230.00	0.00	18%	20.70	20.70	0.00	271.40
12	LEIBIG CONDENSER 300 MM (BOROSILICATE)	7017	BOROSIL	01/2032	2	400.00	0.00	18%	72.00	72.00	0.00	944.00
13	ALUMINIUM POT.SULPHATE LR -500GM	2833	ISOICHEM	01/2029	1	165.00	16.50	18%	13.37	13.37	0.00	175.23
14	PETRIDISH (AMUMBRA) 90 MM	7017	AMUMBRA	01/2032	5	130.00	65.00	18%	52.65	52.65	0.00	690.30
15	PLATINUM LOOP HOLDER -	7115	MICO (2)	01/2027	5	60.00	30.00	18%	24.30	24.30	0.00	318.60
16	NICROME WIRE ,100GM	7505	MICO	01/2029	1	220.00	22.00	18%	17.82	17.82	0.00	233.64
17	DISSECTION NEEDLE	9018	MICO	01/2032	5	6.00	3.00	12%	1.62	1.62	0.00	30.24
18	WATCH GLASS 3"	7017	SASCO	01/2032	5	14.00	7.00	18%	5.67	5.67	0.00	74.34
							431.75	1271.47		1271.47	0.00	

RUPEES: SIXTEEN THOUSAND NINE HUNDRED AND THREE ONLY

Non Taxable 0.00

Taxable Total 14791.94

Total GST 2542.93

KFC 0.00

DECLARATION: Certified that all the particulars shown in the above tax invoice are true and correct and that my/our Registration under GST Rules valid as on the date of this bill.

Our Bank Details:
BANK : FEDERAL BANK
BRANCH : PAYYANUR
IFSC : FDRL000 1126
A/c No. : 1126 550 0001231

Received goods in proper condition

16903.00

Signature

Dr. LEENA A V

PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

GSTIN : 32AHWPM1973D1Z6

TAX INVOICE

D/L No. 13/100/20B/99
13/101B/21B/99
Pois Lic. No: 13-002/07/2014

Kripa Surgicals

FIRST FLOOR, THOUFEEQUE COMPLEX, OPP. ST. MARY'S SCHOOL, PAYYANUR, KANNUR DT.
Phone : 04985 206445, 8281132745, e-mail: kripasurgical@yahoo.com

Distributors in : Laboratory Chemicals & Equipments, Diagnostics & Drug Items

To												Bill No.		Date	
SRINIVAS GURU COLLEGE OF ENGINEERING												411/04/2023		14/10/2023	
PAYYANUR, KANNUR															
Sl. No.	Particulars	HSN Code	Batch	Expiry	Qty	Rate	Discount	GST	CGST	SGST	IGST	Total			
1	SODIUM HYDROXIDE SOLUTION 500ML	2831	1500	01/2032	1	300.00	30.00	18%	54.00	27.00	0.00	381.00			
2	ACETIC ACID SOLUTION 500ML	2915	1500	01/2032	1	147.00	14.70	18%	26.46	12.60	0.00	180.06			
3	GLUCOSE SOLUTION 500ML	2841	1500	01/2032	1	1000.00	200.00	18%	180.00	90.00	0.00	1270.00			
4	POTASSIUM DIOXIDE 500ML	2841	1500	01/2032	1	600.00	60.00	18%	108.00	54.00	0.00	712.00			
5	STARCH SOLUTION 500ML	2831	1500	01/2032	1	450.00	45.00	18%	81.00	40.50	0.00	571.50			
6	MAGNESIUM SULPHATE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
7	MAGNESIUM SULPHATE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
8	SODIUM AZIDE 500ML	2831	1500	01/2032	1	800.00	80.00	18%	144.00	72.00	0.00	946.00			
9	POTASSIUM DIOXIDE 500ML	2841	1500	01/2032	1	300.00	30.00	18%	54.00	27.00	0.00	381.00			
10	CHLORINE WATER 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
11	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
12	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
13	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
14	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
15	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
16	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
17	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
18	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
19	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
20	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
21	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
22	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
23	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
24	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
25	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
26	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
27	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
28	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
29	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
30	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
31	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
32	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
33	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
34	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
35	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
36	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
37	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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39	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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41	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
42	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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51	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
52	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
53	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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55	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
56	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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60	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
61	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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65	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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67	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
68	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
69	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
70	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
71	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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73	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
74	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
75	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
76	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
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79	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
80	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
81	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
82	SODIUM AZIDE 500ML	2831	1500	01/2032	1	200.00	20.00	18%	36.00	18.00	0.00	234.00			
83	SODIUM AZIDE 500ML	2831	1500	01/2032	1	20									

IMPERIAL BATTERY HOUSE

Opp. KSRTC, Korom Road, PERUMBA - PAYYANUR, Kannur Dist., Kerala

Ph: 9744259348, 9526146528

V. NO: 1171

Distributors For: Solar Water Heater, Panels, Full System,
All kinds of Batteries, Spares, Distilled Water, Acids, Trolley, CF Lights & Inverter

No. 2173

QUOTATION

Date: 29/09/22

Mr/Mrs. SNGCET Payyanur

Sl. No.	Particulars	Rate	Qty.	Amount Rs.	Ps.
1.	Battery cooler	25.	40L	1000/-	
	CIVIL	paid			
Total				1000/-	

Total in words.....

Leena

For Imperial Battery House

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

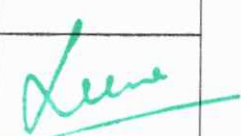


**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

TOTAL EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Material Testing Laboratory

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Servicing of Universal Testing machine	1 Nos.	15000	15000	November
2	Cement	2 Bags	400	800	September
3	Sand	2 Bags	110	220	September
4	Aggregate, M sand (Including vehicle rent)	1	3200	3200	November
5	Sand	1 bag	120	120	November
6	Cement	1 bags	400	800	December
7	7 mm round rod	1.7 kg	65.17	110.79	January
8	6 mm Angler	3.1 kg	65.17	202.03	January
9	MS wire	0.5 kg	118.64	59.32	January
	GST, cutting charge for items 7,8,9	1	94.86	94.86	

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

10	12 mm polished round roe	10.2 kg	70.85	722.67	January
11	12 mm X-TMT bars	2.8 kg	67.71	189.59	January
	GST, cutting charges for items 10,11	1	317.74	317.74	
	TOTAL			21,837	

TOTAL AMOUNT[in words]:Twenty One thousand eight hundred and thirty seven Rupees only

Technical Staff In-charge: Akhil...K.C

Dated Signature:
19/6/23

Faculty In-charge: Shilpa Valsakur

Dated Signature:.....


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
FAYYANUR, KANNUR

KE 53/2022-23

08.11.2022

The Principal
SNGCET
Payyanur

QUOTATION

We are quoting our lowest rate
for overhauling and Servicing of
Universal Testing machine including
conveyance, labour and replacement
of minor components.

Rs. 15,000/-
(Rs. fifteen thousand only)

For KELMECH ENGINEERS
Proprietor

Repairs under taken:

SM, Concrete, Geotech, Structural, Dynamic and Transportation Lab Equipments, Ayurveda Pharmacy Machines

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Scanned with CamScanner

27/9/22
V. NO. 1170
S. N. G. E. COLLEGE

work — 400 x 2 = 800

— 88 — 110 x 2 = 220
1020/-

CIVIL

Paid

A. V. NARAYANAN
CEMENT DEALER
KOROM
Mob: 9747535095

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

16-11-22

S. No. 6. ചെമ്മീനിലിൻ അച്ചു-
 ലേക്ക്, ജില്ല, M. പാൻ, ആഴിമണി.
 ചെമ്മീനിലിൻ അച്ചു. വെലിവാട, അക്ക-
 ത്തി, ജില്ലയുടെ M. പാൻ അക്ക-
 ത്തി. അക്കവെലി അക്കവെലി അക്ക-
 ത്തി.

Handwritten notes and calculations:

വെലിവാട - 1000. (25000)
 അക്കത്ത - 400
 ജില്ല, M. പാൻ - 1800
3200-

consumables - 1800.00
 unloading/ goods charge - 1400.00
3200.00

Leena
Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYANUR, KANNUR

A. V. NARAYANAN
CEMENT DEALER
KOROM
Mob: 9747535095

15/11/22

AG - 1 - 120 -

Paid

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

VINO: 2273

SI No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
1	7 MM Round Rod	721420	1.700 KG	65.17	KG	110.79
2	50X50 6MM Angler	7216	3.100 KG	65.17	KG	202.03
3	MS Wire	7217	0.500 KG	118.64	KG	59.32
						372.14
	Output CGST 9%			9 %		35.65
	Output SGST 9%			9 %		35.65
	Cutting Charge	999799				24.00
	Round Off					(-)0.44
	Less :					
	Total		0.000 KG			₹ 467.00

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Received
Abhil K. S.
Abhil

Tax Invoice

N. NO: 2260

LAKSHMI STEELS

MUNICIPALITY BYPASS JUNCTION, PERUMBA, PAYYANUR
 PH: 04985202075 | 9947686628
 GSTIN/UIN: 32AAAFL9626K1Z7
 State Name : Kerala, Code : 32
 E-Mail : lakshmisteels101@gmail.com

Consignee (Ship to)

Sree Narayana Engineering College Korom

State Name : Kerala, Code : 32

Buyer (Bill to)

Sree Narayana Engineering College Korom

State Name : Kerala, Code : 32

Invoice No. B2C/7124	Dated 18-Jan-23
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Vessel/Flight No.	Place of receipt by shipper:
City/Port of Loading	City/Port of Discharge
Terms of Delivery	

Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
12 MM Polished Round Rod	7215	10.200 KG	70.85	KG	722.67
12 MM Power-X TMT Bars	7214	1.200 KG	67.71	KG	81.25
12 MM Power-X TMT Bars	7214	1.600 KG	67.71	KG	108.34
					912.26
Output CGST 9%				9 %	93.80
Output SGST 9%				9 %	93.80
Loading Charge Received	999799				10.00
Cutting Charge	999799				120.00
Round Off					0.14
Total		0.000 KG			₹ 1,230.00

Amount Chargeable (in words)

One Thousand Two Hundred Thirty Only

E. & O.E

Company's Bank Details

Bank Name : ICICI BANK

A/c No. : 074505000782

Branch & IFS Code: Payyanur & ICIC0000745

I declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for LAKSHMI STEELS

Authorised Signatory

This is a Computer Generated Invoice

Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

TOTAL EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Transportation Engg. Laboratory

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Aggregate	3 bags	100	300	September
2	Cotton waste	1	140	140	January
	TOTAL			440	

TOTAL AMOUNT[in words]:Four hundred and forty Rupees only

Technical Staff In-charge: Akhil k.c

Dated Signature:
19/6/23

Faculty In-charge:
[Signature]

Dated Signature:.....


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

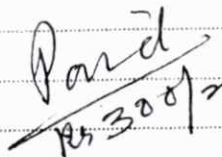
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

V. NO: 1084

A. V. NARAYANAN
CEMENT DEALER
KOROM
Mob: 9747535895

17/9/22.

 — 100 x 3 = 300.


Rs 300/-

27
Monday
April 20

May 2020
M T W T F S S
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31



Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, ANNAMALUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

TOTAL EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Surveying Laboratory

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Calibration of theodolite (4 Nos.) and dummy level (3 Nos.) including travelling expenses	1	7350	7350	February
	TOTAL			7350	

TOTAL AMOUNT[in words]:Seven thousand three hundred and fifty Rupees only

Technical Staff In-charge: Athil K. C

Dated Signature: [Signature]
14/6/23

Faculty In-charge: Pooja K. P

Dated Signature: [Signature]
14/6/23

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

THOMAS V.T.

Villamthanath House
Thidanadu P.O.
Kottayam Dt. 686123
Ph: 9495665579
Email: thomas01vt@gmail.com

vTJ Instruments

17/2/2023

To

The Principal
SNGR T
PAYYANNUR

Bill

Theodolite Servicing 1200 x 4	- 4800/-
Dumpy level cleaning 400 x 3	- 1200/-
Busfare	- 1200/-
Auto charges	- 150/-

7350/-



Thomas V.T.
THOMAS V.T.

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

SOUTH INDIAN BANK : 0844053000000085
AMAL JYOTHI COLLEGE BRANCH, KOOVAPPALLY
IFSC CODE : SIBL0000844

Works Undertaken :-
Servicing and Calibration of Survey
Instruments and civil lab equipments

Repairing Calibration of
Compression Testing Machine &
Universal testing Machines



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Civil Engineering Laboratories

Sl. No:	PARTICULARS	ESTIMATED COST [in INR]	TARGET MONTH OF PURCHASE
1	Environmental Engineering Laboratory	7560	August 2022
2	Material Testing Laboratory	3740	June 2022
3	Concrete Laboratory	16100	August 2022
4	Transportation Engg. Lab	2150	June 2022
5	Geotech Engg. Laboratory	2350	August 2022
6	Surveying Laboratory	11050	August 2022
7	Laboratory for MTech	100000	August 2022

TOTAL AMOUNT[in words]: One lakh forty two thousand nine hundred and fifty rupees only

Technical Staff In-charge: Akhil K.C

Dated Signature: Akhil
25/5/22

HOD CE: Sumanthhan
25/5/22

Dated Signature: Dr. Susan Aronahar

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Structural Engineering Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Subject to revision of Syllabus for MTech if any for new purchase			100000	November

TOTAL AMOUNT[in words]: One lakh Rupees Only

Technical Staff In-charge: Akhil K.C

Dated Signature: Akhil
25/5/22

Faculty In-charge: B. MARY SONIA GEORGE

Dated Signature: Mary
25/5/22

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
YAPKANNAN



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: GeoTech Laboratory

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Gloves	2 set	800	1600	August
2	Trowel	2	100	200	August
3	Kerosene	1 L	100	100	August
4	Chisel	1	200	200	August
5	Hammer	1	250	250	August

TOTAL AMOUNT[in words]:One thousand four hundred and fifty only

Technical Staff In-charge: Akhil K.C

Dated Signature: Akhil
25/5/22

Faculty In-charge: S. J. Th
5/6/22

Dated Signature:.....

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
KANNUR



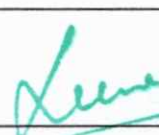
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Environmental Engineering Lab

APPARATUS

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Conductivity meter	1	5000	5000	September
2	Wattman filter paper	1 packet	200	200	September
3	Reflux apparatus condensor	2	2000	4000	September
4	Watch glass	5	200	1000	September
5	Petridish	5	200	1000	September
6	Inoculation loop	5	1000	5000	September
7	Nichrome wire	1 set	100	100	September
8	Streaking needle	5	300	1500	September
			TOTAL	17,800/-	

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PANNANUR KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Environmental Engineering Lab

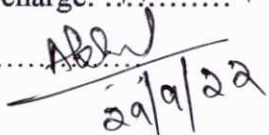
Sl. No :	PARTICULARS	QUANTIT Y	ESTIMATE D COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Sodium hydroxide	500g	470	470	September
2	Acetic acid	500 ml	400	400	September
3	Silver Nitrate	5g	900	900	September
4	Potassium chromate	25g	120	120	September
5	Sodium thiosulphate	250g	150	150	September
6	Starch powder	50g	200	200	September
7	Salicylic acid	500 gm	600	600	September
8	Sodium azide	100g	1100	1100	September
9	Magnesium sulphate	50g	100	100	September
10	Std chlorine solution	500 ml	400	400	September <i>Leena</i>

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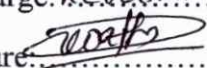
11	Iodine solution	500 ml	400	400	September
12	Disodium EDTA	100g	400	400	September
13	Magnesium chloride hexahydrate	50g	400	400	September
14	Sulphuric acid reagent	500 ml	400	400	September
15	Mercuric sulphate solution	500 ml	400	400	September
16	Brilliant green lactose bile broth	100g	800	800	September
17	Endo/eosin methylene blue agar	100g	800	800	September
18	Hydrazine sulphate	50g	500	500	September
19	Hexamethyltetramine	50g	100	100	September
20	Std pH 4 and pH 7 capsules	100ml	500	500	September
21	Distilled water	30L	250	7500	September
			TOTAL	16,640/-	

TOTAL AMOUNT[in words]: Sixteen thousand six hundred and forty only

Technical Staff In-charge: Akhil K.C

Dated Signature:  29/9/22

Faculty In-charge: Revathi - P

Dated Signature: 



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BUDGET EXPENDITURE SUMMARY STATEMENT 2022-2023

Sl. No:	PARTICULARS	QUANTITY	EXPENDITURE PER UNIT	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	Desktop Computer Acer DT VT-M200	10	37,860	37,8600	SEPTEMBER
2	Printer Epson M1100 Monochrome	1	11,700	11,700	JANUARY
3	Printer Epson M100 Monochrome	1	11,500	11,500	NOVEMBER
				TOTAL	401800

TOTAL AMOUNT [in words]: FOUR LAKH ONE THOUSAND EIGHT HUNDRED RUPEES ONLY

Technical Staff-In charge: Mr. Nishanth

Dated Signature

Nishanth
21/02/23

Lab Coordinator: Mrs. Thulasibai A

Dated Signature:

Thulasibai A
21/02/23

Dr. Leena A V
HOD/CSE

Leena
Dr. LEENA A V
PRINCIPAL
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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of the Lab: NETWORKING LAB

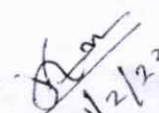
Sl. No:	PARTICULARS	QUANTITY	EXPEN DITUR E PER UNIT	TOTAL EXPEN DITUR E	MONTH OF PURCHASE
1	Printer Epson M100 Monochrome	1	11,500	11,500	NOVEMBER
TOTAL					11,500

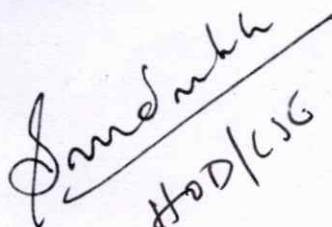
TOTAL AMOUNT [in words]: ELEVEN THOUSAND FIVE HUNDRED RUPEES ONLY

Technical Staff In-charge: Mr. NISHANTH

Faculty In-charge: Vijina Vijayan

Dated Signature: 
21/02/23

Dated Signature: 
21/2/23


HOD/CSG


Dr. LEENA A.V
PRINCIPAL
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPENDITURE FOR THE ACADEMIC YEAR 2022-'23

Name of the Lab: PROGRAMMING LAB

Sl. No:	PARTICULARS	QUANTITY	EXPEN DITUR E PER UNIT	TOTAL EXPEN DITUR E	MONTH OF PURCHASE
1	Desktop Computer Acer DT VT-M200	10	37,860	37,8600	SEPTEMBER
2	Printer Epson M1100 Monochrome	1	11,700	11,700	JANUARY
TOTAL					3,90300

TOTAL AMOUNT [in words]: THREE LAKH NINETY THOUSAND THREE HUNDRED

Technical Staff In-charge: Mr. ANUSHA M

Dated Signature: *Anusha*
21/02/23

Faculty In-charge: VARSHA M

Dated Signature: *Varsha*
21/02/23

Sandhya
HOD/CSE

Leena
Dr. LEENA A V
PRINCIPAL
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BUDGET PROPOSAL SUMMARY FOR THE ACADEMIC YEAR 2022-'23

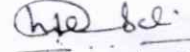
Sl. No:	NAME OF THE LAB	BUDGET AMOUNT
1	NETWORKING LAB	371,40
2	HARDWARE LAB	95513
4	PROGRAMMING LAB	4,76,840
5	INTERNET LAB	4,62,240
6	PROJECT LAB	3,06,240
7	SOFTWARE INCUBATION CELL	2,11,900
TOTAL:		15,89,873

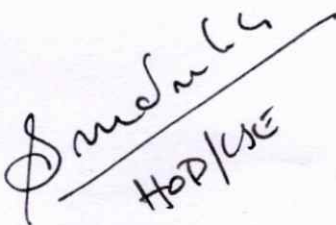
TOTAL AMOUNT [in words]: Fifteen Lakh eighty nine thousand eight hundred seventy three only

Technical Staff In-charge: Mr. Nishanth

Lab Coordinator: Thulasibai A

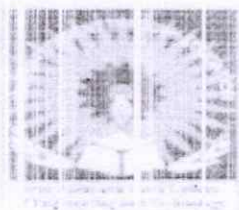
Dated Signature: 
09/05/2022

Dated Signature: 
09/05/22.


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PAYANUR, KANNUR



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

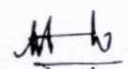
BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: NETWORKING LAB

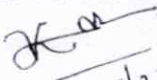
Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
	PROJECTOR	1	14,000	14,000	JUNE
2	WHITE BOARD	1	400	400	JUNE
3	PEN DRIVE	1	340	340	JUNE
4	PRINTER	2	11000	22000	JUNE
5	CLOCK	1	400	400	JUNE
TOTAL					37140

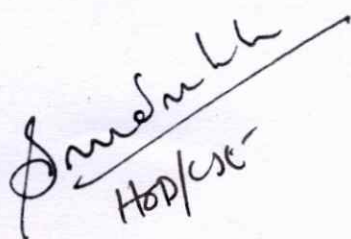
TOTAL AMOUNT [in words]: Thirty seven thousand one hundred forty rupees only.

Technical Staff In-charge: Mr. Nishanth KP

Dated Signature: 
09/05/22

Faculty In-charge: VIJNA VIJAYAN

Dated Signature: 
09/05/22


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BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-23

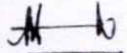
Name of Lab: **HARDWARE LAB**

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1.	8036 KIT	5	5600	28000	JUNE
2.	8051 KIT	4	3600	14400	JUNE
3.	CFO	2	18999	37,998	JUNE
4.	STEPPER MOTOR	5	575	2875	JUNE
5.	WHITE BOARD	1	400	400	JUNE
6.	PEN DRIVE	1	340	340	JUNE
7.	PRINTER	1	11000	11000	JUNE
8.	CLOCK	1	500	500	JUNE
TOTAL :				95513	

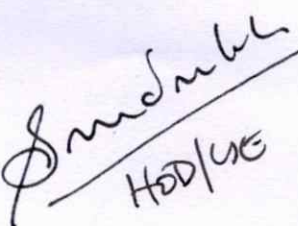
TOTAL AMOUNT [in words]: Ninety five thousand five hundred and thirteen only

Technical Staff In-charge: Mr. Nishanth KP

Faculty In-charge: Ms. Neha

Dated Signature: 
09/05/22

Dated Signature: 
09/05/22


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: PROGRAMMING LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	DESKTOP	18	25,000	4,50,000	JUNE
2	PROJECTOR	1	14,000	14,000	JUNE
4	WHITE BOARD	1	400	400	JUNE
5	PEN DRIVE	1	340	340	JUNE
6	PRINTER	1	11000	11,000	JUNE
7	CLOCK	1	400	400	JUNE
8	PROJECTOR SCREEN	1	700	700	JUNE
TOTAL					4,76,840

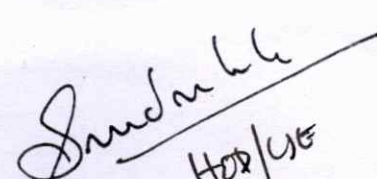
TOTAL AMOUNT [in words]: Four lakh seventy six thousand eight forty rupees only

Technical Staff In-charge: Mr. Nishanth KP

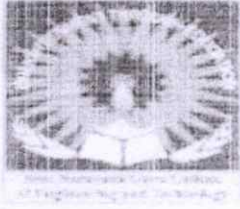
Faculty In-charge: Ms. Varsha M

Dated Signature: 
09/05/22

Dated Signature: 
09/05/22


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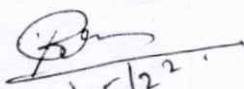
BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: INTERNET LAB

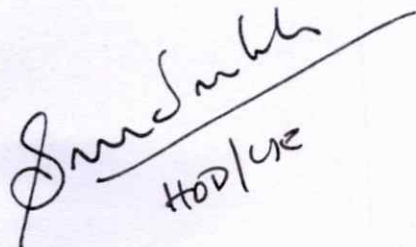
Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	DESKTOP	10	35,000	3,50,000	JUNE
2	WHITE BOARD	1	400	400	JUNE
3	PEN DRIVE	1	340	340	JUNE
4	CLOCK	1	500	500	JUNE
TOTAL					3,51,240

TOTAL AMOUNT [in words]: Three lakh fifty one thousand two hundred and forty only.

Technical Staff In-charge: Mr. Pradeep

Dated Signature: 

09/05/22


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PAYANUR, KANNUR



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

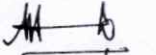
Name of Lab: **PROJECT LAB**

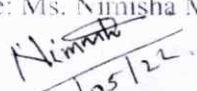
Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
	DESKTOP	8	35,000	2,80,000	JUNE
2	PROJECTOR	1	15,000	14,000	JUNE
4	WHITE BOARD	1	400	400	JUNE
5	PEN DRIVE	1	340	340	JUNE
6	PRINTER	1	11,000	11,000	JUNE
7	CLOCK	1	500	500	JUNE
TOTAL					3,06,240

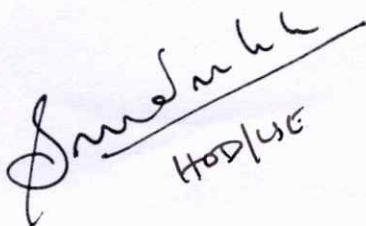
TOTAL AMOUNT [in words]: Three lakh six thousand two hundred forty only

Technical Staff In-charge: Mr. Nishanth K.P

Faculty In-charge: Ms. Nimisha MK

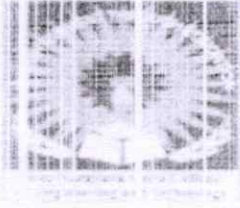
Dated Signature: 
09/05/22

Dated Signature: 
09/05/22


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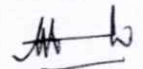
BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: SOFTWARE INCUBATION CELL

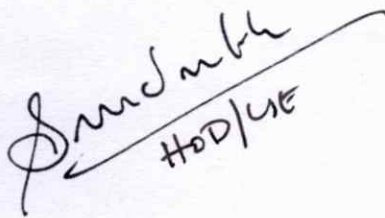
Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	DESKTOP	5	35,000	1,75,000	JUNE
2	WHITE BOARD	1	400	400	JUNE
3	PRINTER	1	11,000	11,000	JUNE
4	CLOCK	1	500	500	JUNE
5	PROJECTOR	1	25,000	25,000	JUNE
TOTAL					211,900

TOTAL AMOUNT [in words]: Two lakh eleven thousand nine hundred only

Technical Staff In-charge: Mr. Nishanth

Dated Signature: 

09/05/22


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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: NETWORKING LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	PROJECTOR								✓		
2	WHITE BOARD							✓			
3	PEN DRIVE							✓			
4	PRINTER						✓				
5	CLOCK						✓				

Technical Staff In charge: Mr. Nishanth K P.

Dated Signature:

Nishanth K P
Nishanth K P

Faculty In charge: Vijina Vijayan

Dated Signature:

Vijina Vijayan
HOD/CSE

Leena
Dr. LEENA A V
PRINCIPAL
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: PROGRAMMING LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	DESKTOP					✓					
2	PROJECTOR							✓			
3	WHITE BOARD							✓			
4	PEN DRIVE								✓		
5	PRINTER							✓			
6	CLOCK							✓			

Technical Staff In charge: Mr. Nishanth K.P.

Signature:


Nishanth K.P.

Faculty In charge: Vashan

Signature: 


HOD/cse


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UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

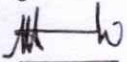
Name of Lab: PROJECT LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	DESKTOP					✓					
2	PROJECTOR					No t	Sanctioned.				
3	WHITE BOARD										
4	PEN DRIVE								✓		
5	PRINTER								✓		
6	CLOCK								✓		
7	PROJECTOR SCREEN								✓		

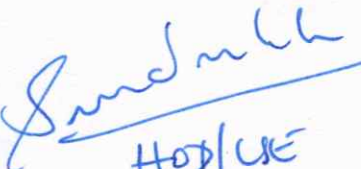
Technical Staff In charge: Mr. Nishanth K P

Faculty In charge: Nimisha M

Signature:


Nishanth K.P.

Signature: 


HOD/CSE


DR. LEENA A V
PRINCIPAL
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: **HARDWARE LAB**

Sl. No :	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1.	8086 KIT								✓		
2.	8051 KIT								✓		
3.	CRO								✓		
4.	STEPPER MOTOR									✓	
5.	WHITE BOARD								✓		
6.	PEN DRIVE								✓		
7.	PRINTER									✓	
8.	CLOCK									✓	

Technical Staff in charge: Mr. Nishanth K.P.

Signature .

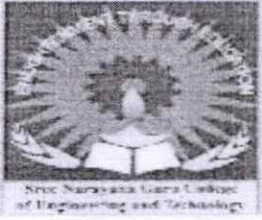
Nishanth K.P.

Faculty In charge: Ms. Neha.

Signature .

HOD/CSE

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: SOFTWARE INCUBATION CELL

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	DESKTOP					✓					
2	PRINTER								✓		
3	PROJECTOR								✓		
4	CLOCK								✓		

Technical Staff-In charge: Mr. Nishanth KP

Faculty In charge: Veena.K.K

Signature: *Veena*

Signature

Nishanth KP
Nishanth KP

Sandesh
HOD/CSE

Leena

DR. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR

From

Sunder V

HoD CSE

SNGCET

To

The SECRETARY

SBSY

Respected Sir,

SUB: REQUEST FOR THE PURCHASE OF NEW COMPUTER SYSTEMS

As decided and sanctioned in the last meeting, we hereby submit before you the purchase request of 70 computer systems. The specification of the system and the server is also mentioned. Kindly request you to grant us permission for placing the purchase order at the earliest.

THANKING YOU

Payyanur

03-08-2022

Yours Faithfully

Sunder V

Sunder V
03/08/2022

*Forwarded to the Secretary
for kind action*

Leena
3/8/22

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

SI No:	ITEM	SPECIFICATION	PRICE PER QUANTITY (in INR)	TOTAL QUANTITY	NET PRICE (in INR)
1	Desktop PC	ACER Veriton Commercial desktop computer - M200 H410	36950	65	24,01,750/-
2	Desktop PC with high speed processor, SSD and RAM	LENOVO V50 T Commercial desktop computer	50650	5	2,53,250/-
3	Server System	- SERVER TYPE - TOWER - CPU - INTEL SERVER - XEON BRONZE SERIES PROCESSOR - RAM - 16GB - HDD - RAID MIRROR - HDD TYPE - SAS DRIVE - HDD SIZE REQUIRED AFTER RAID - 1TB	1,89,950	1	1,89,950/-
4	Multi Purpose Printer	Epson Eco Tank L3210 A4 All-in-One Ink Tank Printer	14000	1	14,000/-
5	Inkjet Printer	Epson M100	11050	7	77,350/-
TOTAL ESTIMATE					29,36,300/-
<u>Rupees Twenty Nine Lakhs Thirty Six Thousand And Three Hundred Only</u>					

Mr. Nishanth. K.P

[Signature]
01/01/22

[Signature]

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Mr. Sunder. V

[Signature]
3/8/22

Forwarded to the
Secretary for kind action

[Signature]
3/8/22



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-23

Name of Lab: Electronic Work Shop, Logic Design, Analog Integrated Circuits and Simulation Lab, Communication lab, Digital Signal Processing lab/Scientific Computing lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Toggle Switch	13	15	195	August 2022
2	Switch	1	15	15	August 2022
3	PCB 2*3	2	20	40	August 2022
4	LED	5	1	5	August 2022
5	Ribbon Wire	1	40	40	August 2022
6	DC Socket	1	10	10	August 2022
7	DC Pin	1	10	10	August 2022
8	Bush Kit	1	30	30	August 2022
9	BC 547	5	3	15	August 2022
10	Header Pin	4	10	40	August 2022
11	5v /1A Adapter	1	120	120	August 2022
12	Fuse +Holder	1	9	9	August 2022
13	ALTERA FPGA Cyclone II EP2C5T144 System Development Board	1	2562.71	3024	August 2022
14	Male to Female Jumper Wires 40 Pin 40cm	1	66.95	79	August 2022
15	USB Blaster ALTERA CPLD /FPGA Programmer	1	550	649	August 2022
16	White Box	1	60	70	August 2022
17	Wire stripper	4	50	200	October 2022
18	IC 7486	10	25	250	October 2022
19	IC 7476	10	60	600	October 2022
20	IC 7432	10	20	200	October 2022
21	IC 7408	10	15	150	October 2022
22	IC 7400	10	15	150	October 2022
23	IC 7404	10	15	150	October 2022

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

24	Transistor BC107	25	25	375	October 2022
25	Transistor SL100	25	20	500	October 2022
26	IC μ A 741	20	15	300	October 2022
27	47K POT	5	15	75	October 2022
28	10K POT	20	15	300	October 2022
29	Zener Diode 5.6V	40	1	40	October 2022
30	Zener Diode 5.1V	40	1	40	October 2022
31	Zener Diode 6.8V	40	1	40	October 2022
32	Zener Diode 6.2V	40	1	40	October 2022
33	Germanium Diode OA79	20	7	140	October 2022
34	Silicon Diode 1N4007	100	1	100	October 2022
35	Hook up wire	3	250	750	October 2022
36	Resistor 1M Ω	50	0.3	15	October 2022
37	Resistor 1K Ω	100	0.3	30	October 2022
38	Resistor 10K Ω	100	0.3	30	October 2022
39	Resistor 47K Ω	100	0.3	30	October 2022
40	Resistor 2.2K Ω	100	0.3	30	October 2022
41	Resistor 4.7K Ω	100	0.3	30	October 2022
42	Resistor 680 Ω	100	0.3	30	October 2022
43	Resistor 3.3K Ω	100	0.3	30	October 2022
44	Resistor 22K Ω	100	0.3	30	October 2022
45	Resistor 180 Ω	100	0.3	30	October 2022
46	Resistor 220 Ω	100	0.3	30	October 2022
47	Resistor 100 Ω	100	0.3	30	October 2022
48	Resistor 330 Ω	100	0.3	30	October 2022
49	Resistor 5.6K Ω	100	0.3	30	October 2022

50	Resistor 100Ω 1W	25	1	25	October 2022
51	Capacitor 0.1μF	50	1	50	October 2022
52	Capacitor 0.01μF	50	1	50	October 2022
53	Capacitor 0.001μF	50	1	50	October 2022
54	Capacitor 2.2NF	50	1	50	October 2022
55	Capacitor 47μF	20	3	60	October 2022
56	Capacitor 2.2μF	20	2	60	October 2022
57	Transistor BC107	30	25	750	October 2022
58	Transistor SL100	30	20	750	October 2022
59	Transistor SK100	30	20	750	October 2022
60	47K POT	10	15	150	October 2022
61	10K POT	10	15	150	October 2022
62	WD 40	2	100	200	October 2022
63	Stereo to Stereo cord	2	60	120	December 2022
64	Stereo pin	2	15	30	December 2022
65	Stereo Socket	2	15	30	December 2022
66	Sleeve	2meter	18	18	December 2022
67	Pendrive 32 Gb Sandisk	1	450	450	December 2022
68	RtlSdr	1	4709	4709	June 2022
69	Gsm Magnetic Antenna	2	150	300	June 2022
70	RtlSdr	1	5700	5700	February 2023

TOTAL AMOUNT: Rs. 23608/- (Twenty Three Thousand Six Hundred Eight Rupees)

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Equipment (Fixed Asset)

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Raspberry Pi System Board	2	5000.00	10000.00	April 2023
2	Digital Storage Oscilloscope: Scientech Model No: Rigol DS 1102E : 100 Mhz 2 Channel, 1G Sa/s	1	34150.00+ 5% Tax and 1.5% freight charges	36370.00	April 2023
3	Digital Storage Oscilloscope: Model No: Scientech 402 : 70 Mhz Band Width 2 Channel Oscilloscope ----	4	25000.00 5% Tax and 1.5% freight charges	106500.00	April 2023
4	DC Power Supply: Input : 200-240V, 50 Hz. Output:5V, 10V, 15V, 5 Amp	5	4000.00	20000.00	April 2023
5	Function Generator: 3Mhz-	5	10000.00	50000.00	April 2023
6	RTL-SDR Blog R820T2 RTL2832U	1	7000	7000	April 2023
7	Robodo GSM2DBi GSM Magnetic Antenna SMA 900/1800MHz RG174 Cable 3M Long	1	300	300	April 2023
8	TMS320C6747 DSP Trainer Kit	1	41890.00	41890.00	April 2023
9	Wooden Box	1	1298.00	1298.00	April 2023
10	Digital Multimeter METRAVI- XB33CF	10	2000	20000	April 2023
11	Printer Epson m100-Echo Tank Single Function B/W	1	9703	11449	November 2022
12	Acer DT VT-M200-H510/13/4GB RAM/256 SSD/DOS WITH MON	10	32084.75	378600	September 2022

Total Cost of the Items : **Rs. 683407** (Rupees Six Lakhs Eighty three thousand Four Hundred and Seven)

Technical Staff In-charge: SREEJITH K

Dated Signature:
28/7/22

L
28/7/22
HOD ETC

Faculty -in -Charge : Meera . M

Dated Signature:
28/7/22

DR. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

AMITY SOLUTIONS

Door No.28/190C, Opp. Mundamattom Pump,
Thodupuzha-685584, Idukki
Ph: 9446443162, eMail: amitysolutions14@gmail.com

GSTIN No. : 32CLFPP5534C1ZE

Type: Regular

TAX INVOICE

Invoice No : AS.232401

Date : 05.04.2023

Billed To		Shipped to			State Code:32	
THE PRINCIPAL SREE NARAYAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY CHALAKODE.PO.PAYYANNUR KANNUR-670307		04985 201987 9447008398 9746766440			Customer Ref: PO MAIL DT.04.04.2023	
SI No.	DESCRIPTION OF GOODS	HSN CODE	QTY	UNITS	RATE	AMOUNT
1	DIGITAL MULTIMETER METRAVI-XB33CF		10	Nos	1900.00	19000.00
Total						19000.00
ADD CGST @ 9 %						1710.00
ADD SGST @ 9 %						1710.00
ROUND OFF						
Total Amount						22420.00

Rupees in Words:Twenty Two Thousand Four Hundred Twenty Only

Company's PAN: CLFPP5534C

Bank:SOUTH INDIAN BANK,TOWN BRANCH, THODUPUZZHA

A/c No:080607300 0000019

IFSC CODE : SIBL0000806

For Amity Solutions

Authorised Signatory

Note-Please make cheques in favor of "Amity Solutions"

Dr. LEENA A V

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Sold By :

color papers

* 1 Pokar Complex, Sai Krupa Complex,, Miraroad
401107, Maharashtra.
THANE, MAHARASHTRA, 401107
IN

Billing Address :

Raveesh Kumar C.P
Akshaya, Shanthi Road, Chalad, Kannur
PALLIKUNNU, KERALA, 670014
IN
State/UT Code: 32

PAN No: BWWPS3198E**GST Registration No:** 27BWWPS3198E1ZO**FSSAI License No.**

10019022009005

Shipping Address :

Raveesh Kumar C.P
Raveesh Kumar C.P
Akshaya, Shanthi Road, Chalad, Kannur
PALLIKUNNU, KERALA, 670014
IN

State/UT Code: 32

Place of supply: KERALA

Place of delivery: KERALA

Order Number: 403-2070846-2377956**Order Date:** 06.02.2023**Invoice Number :** IN-34487**Invoice Details :** MH-153413631-2223**Invoice Date :** 06.02.2023

Sl. No	Description	Unit Price	Qty	Net Amount	Tax Rate	Tax Type	Tax Amount	Total Amount
1	RTL-SDR Blog R820T2 RTL2832U 1PPM TCXO SMA Software Defined Radio (Dongle Only) B0129EBDS2 (a000022397usinm1zcpmizbno) HSN:85044090	₹5,662.71	1	₹5,662.71	18%	IGST	₹1,019.29	₹6,682.00
TOTAL:							₹1,019.29	₹6,682.00

Amount in Words:**Six Thousand Six Hundred Eighty-two only**

For color papers:

**Authorized Signatory**

Whether tax is payable under reverse charge - No

Payment Transaction ID: 1113pfC8VTIDDINfsa5wPyvR	Date & Time: 06/02/2023, 15:40:03 hrs	Invoice Value: 6,682.00	Mode of Payment: GiftCard
Payment Transaction ID: IRgab8Wj4rmRUtGmvVVV	Date & Time: 06/02/2023, 15:39:59 hrs		Mode of Payment: Debit Card

*ASSPL-Amazon Seller Services Pvt. Ltd., ARPL-Amazon Retail India Pvt. Ltd. (only where Amazon Retail India Pvt. Ltd. fulfillment center is co-located)

Customers desirous of availing input GST credit are requested to create a Business account and purchase on Amazon.in. Amazon.in offers

Please note that this invoice is not a demand for payment

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BUDGET EXPENDITURE SUMMARY FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Electronic Work Shop, Logic Design, Analog Integrated Circuits and Simulation Lab, Communication lab, Digital Signal Processing lab/Scientific Computing lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1.	Toggle Switch	13	15	195	AUGUST 2022
2.	Switch	1	15	15	AUGUST 2022
3.	PCB 2*3	2	20	40	AUGUST 2022
4.	LED	5	1	5	AUGUST 2022
5.	Ribbon Wire	1	40	40	AUGUST 2022
6.	DC Socket	1	10	10	AUGUST 2022
7.	DC Pin	1	10	10	AUGUST 2022
8.	Bush Kit	1	30	30	AUGUST 2022
9.	BC 547	5	3	15	AUGUST 2022
10.	Header Pin	4	10	40	AUGUST 2022
11.	5v /1A Adapter	1	120	120	AUGUST 2022
12.	Fuse +Holder	1	9	9	AUGUST 2022
13.	ALTERA FPGA Cyclone II EP2C5T144 System Development Board	1	2562.71	3024	AUGUST 2022
14.	Male to Female Jumper Wires 40 Pin 40cm	1	66.95	79	AUGUST 2022
15.	USB Blaster ALTERA CPLD /FPGA Programmer	1	550	649	AUGUST 2022
16.	White Box	1	60	70	AUGUST 2022
17.	Wire stripper	2	50	100	OCTOBER 2022
18.	IC 7486	10	25	250	OCTOBER 2022
19.	IC 7476	10	60	600	OCTOBER 2022
20.	IC 7432	10	20	200	OCTOBER 2022
21.	IC 7408	10	15	150	OCTOBER 2022
22.	IC 7400	10	15	150	OCTOBER 2022
23.	IC 7404	10	15	150	OCTOBER 2022
24.	Transistor BC107	6	25	150	OCTOBER 2022
25.	Transistor SL100	10	20	200	OCTOBER 2022
26.	IC μ A 741	10	15	150	OCTOBER 2022
27.	47K POT	5	15	75	OCTOBER 2022
28.	10K POT	10	15	150	OCTOBER 2022
29.	Zener Diode 5.6V	20	10	200	OCTOBER 2022

D. LEENA A
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

30.	Zener Diode 5.1V	20	1	20	OCTOBER 2022
31.	Zener Diode 6.8V	20	1	20	OCTOBER 2022
32.	Zener Diode 6.2V	20	1	20	OCTOBER 2022
33.	Germanium Diode OA79	20	7	140	OCTOBER 2022
34.	Silicon Diode 1N4007	50	1	50	OCTOBER 2022
35.	Hook up wire	1	250	250	OCTOBER 2022
36.	Wire stripper	2	50	100	OCTOBER 2022
37.	Resistor 1M Ω	10	0.3	3	OCTOBER 2022
38.	Resistor 1K Ω	50	0.3	15	OCTOBER 2022
39.	Resistor 10K Ω	50	0.3	15	OCTOBER 2022
40.	Resistor 47K Ω	50	0.3	15	OCTOBER 2022
41.	Resistor 2.2K Ω	50	0.3	15	OCTOBER 2022
42.	Resistor 4.7K Ω	50	0.3	15	OCTOBER 2022
43.	Resistor 680 Ω	50	0.3	15	OCTOBER 2022
44.	Resistor 3.3K Ω	50	0.3	15	OCTOBER 2022
45.	Resistor 22K Ω	50	0.3	15	OCTOBER 2022
46.	Resistor 180 Ω	50	0.3	15	OCTOBER 2022
47.	Resistor 220 Ω	50	0.3	15	OCTOBER 2022
48.	Resistor 100 Ω	50	0.3	15	OCTOBER 2022
49.	Resistor 330 Ω	50	0.3	15	OCTOBER 2022
50.	Resistor 5.6K Ω	50	0.3	15	OCTOBER 2022
51.	Resistor 100 Ω 1W	25	1	25	OCTOBER 2022
52.	Capacitor 0.1 μ F	25	1	25	OCTOBER 2022
53.	Capacitor 0.01 μ F	25	1	25	OCTOBER 2022
54.	Capacitor 0.001 μ F	25	1	25	OCTOBER 2022
55.	Capacitor 2.2NF	25	1	25	OCTOBER 2022
56.	Capacitor 47 μ F	10	3	30	OCTOBER 2022
57.	Capacitor 2.2 μ F	10	2	20	OCTOBER 2022
58.	Transistor BC107	15	25	375	OCTOBER 2022
59.	Transistor SL100	15	20	300	OCTOBER 2022
60.	Transistor SK100	10	20	200	OCTOBER 2022
61.	47K POT	10	15	150	OCTOBER 2022
62.	10K POT	10	15	150	OCTOBER 2022
63.	Zener Diode 5.6V	20	1	20	OCTOBER 2022
64.	Zener Diode 5.1V	20	1	20	OCTOBER 2022
65.	Zener Diode 6.8V	20	1	20	OCTOBER 2022
66.	Zener Diode 6.2V	20	1	20	OCTOBER 2022
67.	Silicon Diode 1N4007	50	1	50	OCTOBER 2022
68.	Hook up wire	1	250	250	OCTOBER 2022
69.	Wire stripper	2	50	100	OCTOBER 2022
70.	Capacitor 1 μ F	10	2	20	OCTOBER 2022
71.	Capacitor 47 μ F	10	3	30	OCTOBER 2022
72.	Capacitor 0.1 μ F	50	1	50	OCTOBER 2022
73.	Capacitor 0.01 μ F	50	1	50	OCTOBER 2022
74.	Capacitor 0.001 μ F	50	1	50	OCTOBER 2022
75.	Capacitor 2.2NF	25	1	25	OCTOBER 2022

Dr. LEENA A.V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

76.	Capacitor 2.2 μ F	10	2	20	OCTOBER 2022
77.	Resistor 1K Ω	50			OCTOBER 2022
78.	Resistor 10K Ω	50	0.3		OCTOBER 2022
79.	Resistor 47K Ω	50	0.3	15	OCTOBER 2022
80.	Resistor 2.2K Ω	50	0.3	15	OCTOBER 2022
81.	Resistor 4.7K Ω	50	0.3	15	OCTOBER 2022
82.	Resistor 680 Ω	50	0.3	15	OCTOBER 2022
83.	Resistor 3.3K Ω	50	0.3	15	OCTOBER 2022
84.	Resistor 22K Ω	50	0.3	15	OCTOBER 2022
85.	Resistor 180 Ω	50	0.3	15	OCTOBER 2022
86.	Resistor 220 Ω	50	0.3	15	OCTOBER 2022
87.	Resistor 100 Ω	50	0.3	15	OCTOBER 2022
88.	Resistor 330 Ω	50	0.3	15	OCTOBER 2022
89.	Resistor 5.6K Ω	50	0.3	15	OCTOBER 2022
90.	Resistor 12K Ω	50	0.3	15	OCTOBER 2022
91.	Resistor 100 Ω 1W	25	1	25	OCTOBER 2022
92.	WD 40	1	102	102	OCTOBER 2022
93.	Stereo to Stereo cord	2	60	120	December 2022
94.	Stereo pin	2	15	30	December 2022
95.	Stereo Socket	2	15	30	December 2022
96.	Sleeve	2meter	18	18	December 2022
97.	SL 100	20	20	400	February 2023
98.	BC 107	20	25	500	February 2023
99.	IC 741	10	15	150	February 2023
100.	Hook up wire	1 roll	320	320	February 2023
101.	Wire Stripper	2	65	130	February 2023
102.	1n 4007	50	1	50	February 2023
103.	Zener	50	1	50	February 2023
104.	Resistance	325	0.50	162	February 2023
105.	Capacitor 10uf 50v	20	2	40	February 2023
106.	Disc capacitor	125	1	125	February 2023
107.	Pendrive 32 Gb Scandisk	1	450	450	January 2023
108.	RTL SDR	1	4709	4709	June 2022
109.	GSM Magnetic Antenna	2	142.37	284.74	July 2022
110.	RTL SDR	1	5662.7	5662.7	February 2023

TOTAL AMOUNT: Rs. 23107/-

(Twenty Three Thousand One Hundred Seven Rupees)


Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYANUR, KANNUR

Equipment (Fixed Asset)

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1	Digital Storage Oscilloscope: Model No: Scientech 401 : 50 Mhz Band Width 2 Channel Oscilloscope	1	27900	32922	AUGUST 2022
2	TMS320C6747 DSP Trainer Kit	1	35500.00	41890.00	November 2022
3	Wooden Box	1	1100	1298.00	November 2022
4	DIGITAL MULTIMETER METRAVI- XB33CF	10	1900	22420	APRIL 2023
5	Printer Epson m100-Echo Tank Single Function B/W	1	9703	11449	November 2022
6	Acer DT VT-M200- H510/13/4GB RAM /256 SSD/DOS WITH MON	10	32084.75	378600	September 2022

Total Cost of the Items: **Rs. 488579** (Rupees Four Lakhs Eighty Eight Thousand Five Hundred Seventy Nine)

Technical Staff In-charge: **SREEJITH.K**

Dated Signature:
15/12/23

Faculty -in -Charge : **ABHAYA.D.K**

Dated Signature:.....
15/12/23

15/12/23
HOD ECE



Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



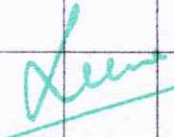
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

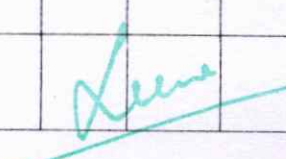
UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-23

Name of Lab: Electronic Work Shop, Logic Design, Analog Integrated Circuits and Simulation Lab, Communication lab, Digital Signal Processing lab/Scientific Computing lab

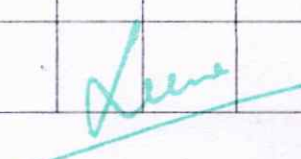
Sl. No:	PARTICULARS	UTILIZATION											
		June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Toggle Switch			✓									
2	Switch			✓									
3	PCB 2*3			✓									
4	LED			✓									
5	Ribbon Wire			✓									
6	DC Socket			✓									
7	DC Pin			✓									
8	Bush Kit			✓									
9	BC 547			✓									
10	Header Pin			✓									
11	5v /1A Adapter			✓									
12	Fuse +Holder			✓									
13	ALTERA FPGA Cyclone II			✓									


Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR

	EP2C5T144 System Development Board												
14	Male to Female Jumper Wires 40 Pin 40cm			✓									
15	USB Blaster ALTERA CPLD /FPGA Programmer			✓									
16	White Box			✓									
17	Wire stripper					✓							
18	IC 7486					✓							
19	IC 7476					✓							
20	IC 7432					✓							
21	IC 7408					✓							
22	IC 7400					✓							
23	IC 7404					✓							
24	Transistor BC107					✓							
25	Transistor SL100					✓							
26	IC μ A 741					✓							
27	47K POT					✓							
28	10K POT					✓							
29	Zener Diode 5.6V					✓							
30	Zener Diode 5.1V					✓							
31	Zener Diode 6.8V					✓							


Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR

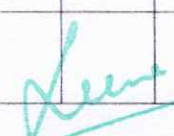
32	Zener Diode 6.2V					✓							
33	Germanium Diode OA79					✓							
34	Silicon Diode 1N4007					✓							
35	Hook up wire					✓							
36	Wire stripper					✓							
37	Resistor 1M Ω					✓							
38	Resistor 1K Ω					✓							
39	Resistor 10K Ω					✓							
40	Resistor 47K Ω					✓							
41	Resistor 2.2K Ω					✓							
42	Resistor 4.7K Ω					✓							
43	Resistor 680 Ω					✓							
44	Resistor 3.3K Ω					✓							
45	Resistor 22K Ω					✓							
46	Resistor 180 Ω					✓							
47	Resistor 220 Ω					✓							
48	Resistor 100 Ω					✓							
49	Resistor 330 Ω					✓							
50	Resistor 5.6K Ω					✓							


Dr. LEENA A V
 PRINCIPAL
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 PAYYANUR, KANNUR

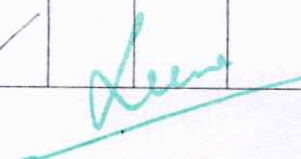
51	Resistor 100Ω 1W					✓							
52	Capacitor 0.1μF					✓							
53	Capacitor 0.01μF					✓							
54	Capacitor 0.001μF					✓							
55	Capacitor 2.2NF					✓							
56	Capacitor 47μF					✓							
57	Capacitor 2.2μF					✓							
58	Transistor BC107					✓							
59	Transistor SL100					✓							
60	Transistor SK100					✓							
61	47K POT					✓							
62	10K POT					✓							
63	Zener Diode 5.6V					✓							
64	Zener Diode 5.1V					✓							
65	Zener Diode 6.8V					✓							
66	Zener Diode 6.2V					✓							
67	Silicon Diode 1N4007					✓							
68	Hook up wire					✓							
69	Wire stripper					✓							


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70	Capacitor 1 μ F					✓							
71	Capacitor 47 μ F					✓							
72	Capacitor 0.1 μ F					✓							
73	Capacitor 0.01 μ F					✓							
74	Capacitor 0.001 μ F					✓							
75	Capacitor 2.2NF					✓							
76	Capacitor 2.2 μ F					✓							
77	Resistor 1K Ω					✓							
78	Resistor 10K Ω					✓							
79	Resistor 47K Ω					✓							
80	Resistor 2.2K Ω					✓							
81	Resistor 4.7K Ω					✓							
82	Resistor 680 Ω					✓							
83	Resistor 3.3K Ω					✓							
84	Resistor 22K Ω					✓							
85	Resistor 180 Ω					✓							
86	Resistor 220 Ω					✓							
87	Resistor 100 Ω					✓							
88	Resistor 330 Ω					✓							


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89	Resistor 5.6K Ω					✓							
90	Resistor 12K Ω					✓							
91	Resistor 100 Ω 1W					✓							
92	WD 40					✓							
93	Stereo to Stereo cord							✓					
94	Stereo pin							✓					
95	Stereo Socket							✓					
96	Sleeve							✓					
97	SL 100									✓			
98	BC 107									✓			
99	IC 741									✓			
100	Hook up wire									✓			
101	Wire Stripper									✓			
102	1n 4007									✓			
103	Zener									✓			
104	Resistance									✓			
105	Capacitor 10uf 50v									✓			
106	Disc capacitor									✓			
107	Pendrive 32 Gb Scandisk								✓				


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108	RTL SDR	✓											
109	GSM Magnetic Antenna		✓										
110	RTL SDR								✓				
111	Digital Storage Oscilloscope: Model No: Scientech 401 : 50 Mhz Band Width 2 Channel Oscilloscope			✓									
112	TMS320C6747 DSP Trainer Kit						✓						
113	Wooden Box						✓						
114	DIGITAL MULTIMETER METRAVI-XB33CF											✓	
115	Printer Epson m100-Echo Tank Single Function B/W						✓						
116	Acer DT VT-M200-H510/13/4GB RAM /256 SSD/DOS WITH MON				✓								

Technical Staff In-charge: SREEJITHA.K

Dated Signature: 15/12/23

15/12/23
HOD ELE

Faculty -in -Charge : ABHAYA D.L

Dated Signature: 15/12/23

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2021-22

Name of Lab: Electronics Workshop, Logic Design Lab, Microcontroller lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	ESTIMATE D COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	ALTERA FPGA Cyclone II EP2C5T144 System Development Board	1	2500	2500	January 2022
2	USB Blaster ALTERA CPLD /FPGA Programmer	1	800	800	January 2022
3	Switch	13	15	195	January 2022
4	Glue stick	2	13	26	January 2022
5	Jumper wire	16	3	58	January 2022
6	Header Pin	2	10	20	January 2022
7	Ribbon Wire	1	20	20	January 2022
8	DC Socket and pin	2	20	20	January 2022
9	On/Off switch	1	10	10	January 2022
10	White Box	1	40	40	January 2022
11	Fevi bond	1	20	20	January 2022
12	Flux quick	1	50	50	January 2022
13	Fuse Holder	1	4	4	January 2022
14	Bush Kit	1	30	30	January 2022
15	5v /1A Adapter	1	120	120	January 2022
16	Drill bit	3	10	30	January 2022
17	3.6v battery	10	70	700	January 2022
18	IC 7400	30	15	450	May 2022

DR. L. L. L. L.
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR

19	IC 7404	30	15	450	May 2022
20	Hook up wire	3	250	750	May 2022
21	IC 7476	20	60	1200	May 2022

TOTAL AMOUNT: Rs. 7493/- (Seven Thousand Four Hundred Ninety Three Rupees)

Equipment (Fixed Asset)

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	DC Power Supply: Input : 200-240V, 50 Hz. Output: 5V, 10V, 15V, 5 Amp	5	4000.00	20000.00	April 2022
2	Raspberry Pi System Board	2	5000.00	10000.00	April 2022
3	Digital Storage Oscilloscope: Scientech Model No: Rigol DS 1102E : 100 Mhz 2 Channel, 1G Sa/s	1	34150.00+ 5% Tax and 1.5% freight charges	36370.00	April 2022
4	Digital Storage Oscilloscope: Model No: Scientech 402 : 70 Mhz Band Width 2 Channel Oscilloscope ----	4	25000.00 5% Tax and 1.5% freight charges	106500.00	April 2022
5	Function Generator: 3Mhz-	10	10000.00	100000.00	April 2022

Total Cost of the Items : **Rs. 272870** (Rupees Two Lakhs Seventy Two Thousand eight Hundred Seventy)

Technical Staff In-charge: **SREEJITH-K**

Dated Signature: 21/7/21

Faculty -in -Charge : **LEENA NARAYANAN**

Dated Signature: 21/7/21

Leena
21/7/21
HOD ECC

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

BUDGET EXPENDITURE SUMMARY FOR THE ACADEMIC YEAR 2021-22

Name of Lab: Electronics Workshop, Logic Design Lab, Microcontroller lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1	ALTERA FPGA Cyclone EP2C5T144 System Development Board	1	2099	2099	December 2021
2	USB Blaster ALTERA CPLD /FPGA Programmer	1	699	699	December 2021
3	Switch	13	15	195	January 2022
4	Glue stick	2	13	26	January 2022
5	Jumper wire	16	3	58	January 2022
6	Header Pin	2	10	20	January 2022
7	Ribbon Wire	1	20	20	January 2022
8	DC Socket and pin	2	20	20	January 2022
9	On/Off switch	1	10	10	January 2022
10	White Box	1	40	40	January 2022
11	Fevi bond	1	20	20	January 2022
12	Flux quick	1	50	50	January 2022
13	Fuse Holder	1	4	4	January 2022
14	Bush Kit	1	30	30	January 2022
15	5v /1A Adapter	1	120	120	January 2022
16	Drill bit	3	10	30	January 2022
17	3.6v battery	10	70	700	April 2022
18	IC 7400	15	15	225	April 2022
19	IC 7404	15	15	225	April 2022
20	Hook up wire	2	250	500	April 2022
21	IC 7476	10	60	600	May 2022

TOTAL AMOUNT: Rs. 5691/- (Five Thousand Six Hundred Ninety One Rupees)

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Technical Staff In-charge: SREEJITH K Faculty -in -Charge : LEENA NARAYANAN

Dated Signature: [Signature] 13/5/22

Dated Signature: [Signature] 13/5/22

GS7IN : 32BHUPA9292G1Z1

TAX INVOICE
CASH/CREDIT

Ph : 9946488010
9544102769

STAR ELECTRONICS

Thalikavu Road, Opp: Hanuman Kovil, Kannur -1

Invoice No:

Date _____

06/05/22

Name _____

No: 336
SNHCE

பாடியார்.

GST.

[illegible]

Electronic Reference Number

TOTAL

Ruppes

Seventy hundred
eight only

CGST

9 %

৫৬

SGST

9 %

24

IGST

%

OTHERS

GRAND TOTAL

15

For STAR ELECTRONICS

Dr. LEENA A V
PRINCIPAL

DR. LEE...
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



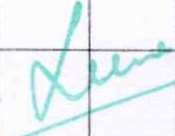
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2021-22

Name of Lab: Electronics Workshop, Logic Design Lab, Microcontroller lab

Sl. No:	PARTICULARS	UTILIZATION											
		June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	ALTERA FPGA Cyclone II EP2C5T144 System Development Board							✓					
2	USB Blaster ALTERA CPLD /FPGA Programmer							✓					
3	Switch								✓				
4	Glue Stick								✓				
5	Jumper Wire								✓				
6	Header Pin								✓				
7	Ribbon Wire								✓				
8	DC Socket and pin								✓				
9	On/Off switch								✓				
10	White Box								✓				
11	Fevi Bond								✓				
12	Flux Quick								✓				


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 PAYANUR, KANNUR

13	Fuse Holder								✓				
14	Bush Kit								✓				
15	5V/1A Adapter								✓				
16	Drill Bit								✓				
17	3.6V Battery											✓	
18	IC 7400											✓	
19	IC 7404											✓	
20	Hook up wire											✓	
21	IC 7476												✓

Technical Staff In-charge:SREETHITH K

Dated Signature:*[Signature]* 13/5/22

[Signature]
13/5/22
HOD ECE

Faculty -in -Charge : LEENA NARAYANAN

Dated Signature:.....*[Signature]* 13/5/22

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2019-20

Name of Lab: Electronics Workshop

Consumables

Sl. No:	PARTICULARS	QUANTITY	ESTIMATE D COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Ferric chloride	1	230	230	February 2020

TOTAL AMOUNT: Rs. 230/- (Two Hundred Thirty Rupees)

Technical Staff In-charge: SHAHITH P

Dated Signature: Shahith
28-06-2019

Faculty -in -Charge : LEENA NARAYANAR

Dated Signature: Leena
28/6/2019

Leena
28/6/2019
HOD ECE

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

BUDGET EXPENDITURE SUMMARY FOR THE ACADEMIC YEAR 2019-20

Name of Lab: Electronics Workshop

Consumables

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1	Ferric chloride	1	192	228	February 2020

TOTAL AMOUNT: Rs. 228/- (Two Hundred and Twenty-Eight Rupees)

Technical Staff In-charge: SHAHITHA

Faculty -in -Charge: LEENA NARAYANAN

Dated Signature: Shahitha
18-02-2020

Dated Signature: Leena
18/2/2020

Shahitha
18/2/20
HOD ECC

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



KAVANAL INTERNATIONAL

POST BOX NO. 55, THAVAKKARA ROAD,
KANNUR - 670 001.

DL No. 20B / 120332
21B / 120333

Phone : Office : **0497-2707856**

Mob. : 9847305850

Email : kavanalinternational@yahoo.co.in

GSTIN : 32AADFK2619J1ZK

TAX INVOICE CASH / CREDIT

Reverse Charge

Invoice No. 1200

Invoice Date 13/2/2020

State : KERALA

State Code : 32

Transportation Mode :

Vehicle Number :

Date of Supply :

Place of Supply :

Supplied / Billed to

Name

Delivery No.

Dated

Address

Despatch Document No

Dated

Purchase Order No.

Dated

GSTIN

Terms Of Delivery if any

State

State Code : 32

[illegible]

Bank Name : **STATE BANK OF INDIA**

Town branch, Kannur-1.

A/c No. : 10128455950

IFSC : SBIN0008601

Total Amount Before Tax

CGST

SGST

Grand Total 1,000,000

Terms and Conditions

GST Payable on Reverse Charge

Total in words.....

Certified that the particulars given above are true and correct

For **KAVANAL INTERNATIONAL**

~~Authorised Signatory~~

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

UTILIZATION CHART FOR THE ACADEMIC YEAR 2019-20

Name of Lab: Electronics Workshop

Sl. No:	PARTICUL ARS	UTILIZATION											
		June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Ferric chloride									✓			

Technical Staff In-charge: SHANITH P

Dated Signature: *Shanith P*
18/2/2020

Faculty -in -Charge : LEENA
NARAYANAN

Dated Signature: *Leena*
18/2/2020

Leena
18/2/20
HOD ECE

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2018-19

Name of Lab: Logic Design Lab, Analog Circuits and Simulation Lab, Electromagnetics lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	ESTIMATE D COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Hookup wire	4	250	1000	October 2018
2	Nipper	1	55	55	October 2018
3	Combinational plier	1	140	140	October 2018
4	Transistor BC107	20	20	400	October 2018
5	IC 7406	10	10	100	October 2018
6	IC 7432	30	10	300	October 2018
7	IC 7486	15	20	300	October 2018
8	IC 7476	15	30	450	October 2018
9	IC 7408	10	15	150	October 2018
10	IC 7410	15	15	225	October 2018
11	IC 7411	20	15	300	October 2018
12	IC 7420	10	15	150	October 2018
13	IC 7421	15	15	225	October 2018
14	IC 7486	10	15	150	October 2018

TOTAL AMOUNT: Rs 3945 /- (Three Thousand Nine Hundred Forty-Five)

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Equipment (Fixed Asset)

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Raspberry Pi System Board	1	5000.00	5000.00	January 2019
2	Digital Storage Oscilloscope: Scientech Model No: Rigol DS 1102E : 100 Mhz 2 Channel, 1G Sa/s	1	34150.00+ 5% Tax and 1.5% freight charges	36370.00	January 2019
3	Digital Storage Oscilloscope: Model No: Scientech 402 : 70 Mhz Band Width 2 Channel Oscilloscope ----	4	25000.00 5% Tax and 1.5% freight charges	106500.00	January 2019
4	DC Power Supply: Input : 200- 240V, 50 Hz. Output:5V, 10V, 15V, 5 Amp	5	4000.00	20000.00	January 2019
6	Function Generator: 3Mhz-	5	10000.00	50000.00	January 2019

Total Cost of the Items :**Rs. 217870** (Rupees Two Lakhs Seventeen thousand Eight Hundred and Seventy)

Technical Staff In-charge: SHAHATH-P

Dated Signature: Shahath
18-6-2018

Faculty -in -Charge : LEENA NARAYANAN

Dated Signature: Leena
18/6/2018

Shahath
18/6/2018
HOD ECC

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Tax Invoice			
Tax is Payable On Reverse Charges: (Yes/No) : (No)		Transportation Mode: GATI CARGO	
Invoice No. MS/ST/18-19/0315		Docket.No.191463360	
Invoice Date :09/08/2018		Date & Time of Supply :09/08/2018 0:58:22 PM	
Challan Number :CHM/01/18-19/393	Challan Date: 09/08/2018	Place of Supply :Kannur	
S.O. :SO/D/01/18-19/179		Ref. Number : PO	
Date :16/07/2018		Ref Date : 16/07/2018	
Details of Receiver (Billed to)		Details of Consignee (Shipped to)	
Name: Sree Narayan Guru College Of Engineering & Technology		Name: Sree Narayan Guru College Of Engineering & Technology	
Address: Payyannur,Kannur, Kannur		Address: Payyannur,Kannur, Kannur	
State: Kerala,India 682311 682311 670307		State: Kerala,India 682311	
Contact Number : 04985-201702,03		Contact Number : 04985-201702,03	
GSTIN Number:		GSTIN Number:	

S.No.	Description of Goods	Model	HSN Code	QTY	UOM	Rate	Total	Taxable Value	CGST		SGST		IGST		Total
									Rate	Amount	Rate	Amount	Rate	Amount	
1	Understanding Optical Fiber Communication 0818207	Sciencetech 2501A	90230010	1	Nos	16,966.00	16,966.00	16,966.00	0.00%	0.00	0.00%	0.00	18.00%	3,053.88	20,019.88
										0.00		0.00		3,053.88	20,019.88

EC

	Net Amount	20,320.00
Total Invoice Amount (In Words)	Total Amount Before Tax	16,966.00
Twenty Thousand Three Hundred Twenty Only	Sub Total	16,966.00
	Freight & Cartage (outward) @1.5%	254.00
	IGST 18-19	3,054.19
	IGST @18.0% On Freight	45.81
	Total Amount After Tax	20,320.00
	GST Payable on Reverse Charges	

Bank Detail	Electronic Reference Number:MS/ST/18-19/0315
A/C Name: Sciencetech Technologies Pvt. Ltd.	
A/C No: 917030084658568	
Bank Name: Axis Bank, H/1,Scheme No.54,Sayaji Plaza, Vijay Nagar,Indore 452010(M.P.)	
IFSC Code: UTIB0000568	
Terms and Conditions of Sale	Certified that the particulars given above are true and correct.
E. & O.E. Subject to Indore Jurisdiction. PAN No. :AAGCS1664P	For, Sciencetech Technologies Pvt. Ltd.

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Authorised Signatory

GSTIN:32ABPPV9379P1ZB

Invoice No: 1096

Invoice No:

Date: 30/01/19

INVOICE

Name

SINGLET

State : Kerala State Code : 32

E &OE

Certified that items received in good condition and entered in page No. 238692 of stock register to
106,135,226,230
Consumable items
 Date: 30/1/2019 Officer in charge ✓

Dr. LEENA A V
PRINCIPAL
NARAYANA GURU COLLEGE OF
GINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

BUDGET EXPENDITURE SUMMARY FOR THE ACADEMIC YEAR 2018-19

Name of Lab: Logic Design Lab, Analog Circuits and Simulation Lab, Electromagnetics lab

Consumables

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1	Hookup wire	1	200	200	September 2018
2	IC 7486	10	15	150	September 2018
3	IC 7432	10	15	150	September 2018
4	Hookup wire	3 roll	160	480	January 2019
5	Nipper	1	55	55	January 2019
6	Combinational plier	1	140	140	January 2019
7	Transistor BC107	20	15	300	January 2019
8	IC 7406	10	10	100	January 2019
9	IC 7432	15	10	150	January 2019
10	IC 7486	15	20	300	January 2019
11	IC 7476	15	30	450	January 2019

TOTAL AMOUNT: Rs. 2475/- (Two Thousand Four Hundred Seventy-Five Rupees)


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Equipment (Fixed Asset)

Sl. No:	PARTICULARS	QUANTITY	COST PER UNIT [in INR]	TOTAL COST	MONTH OF PURCHASE
1	Optical Fiber Trainer Kit (Scientech 2501A)	1	16966	20019.88	August 2018
2	Directional Coupler	1	5000	5900	October 2018

Total Cost of the Items : **Rs.25920/-** (Twenty five Thousand Nine Hundred Twenty Rupees)

Technical Staff In-charge: **SHAHITH P**

Dated Signature: *Shahith*
11-02-2019

Faculty -in -Charge : **LEENA NARAYAN**

Dated Signature: *Leena*
11-02-2019

Leena
11/2/19
HOD ECC

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

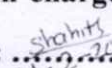
UTILIZATION CHART FOR THE ACADEMIC YEAR 2018-19

Name of Lab: Logic Design Lab, Analog Circuits and Simulation Lab, Electromagnetics lab

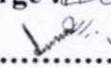
Sl. No:	PARTICULARS	UTILIZATION											
		June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Hookup wire				✓								
2	IC 7486				✓								
3	IC 7432				✓								
4	Hookup wire								✓				
5	Nipper								✓				
6	Combinational plier								✓				
7	Transistor BC107								✓				
8	IC 7406								✓				
9	IC 7432								✓				
10	IC 7486								✓				
11	IC 7476								✓				
12	Optical Fiber Trainer Kit (Sciencetech 2501A)			✓									
13	Directional Coupler					✓							

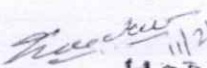

DR. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYANUR, KANNUR

Technical Staff In-charge: SHANITH-P

Dated Signature:  11/2/2019

Faculty -in -Charge: LEENA NARAYANAN

Dated Signature:  11/2/2019

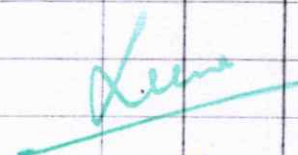

 HOD EEE

MULTIMETER (DIGITAL)

DATE	PARTICULARS	RECEIVED FROM	BILL NO	RECEIVED		ISSUED	SIGN	REMARKS
		ISSUED TO	BILL DATE	QTY	AMT(RS)			
08-09-04	Kussam Meco Digital Multimeter Model: 603	M/s SCIENTIFIC ENTERPRISES, TRIPUNITHURA, COCHI.	16867/ 04-05 04-08-04	8	9408			
30-12-04	Kussam Meco Digital Multimeter Model-603	M/s SCIENTIFIC ENTERPRISES, TRIPUNITHURA, KOCHI.	17799/ 04-05 7-12-04	6	7350			 2 nos issue 6 AICLab
18-7-05	Kussam Meco Digital Multimeter Model-603	M/s SCIENTIFIC ENTERPRISES, TRIPUNITHURA, KOCHI.	19457/ 05-06 27-6-05	2	2351			
29-06-07	Digital Multimeter Metravi Model 603-II	SCIENTIFIC ENTERPRISES, Vythilla Junction, COCHIN.	18300/ 06-07 23-2-2017	5	4300			
15-6-09	Digital Multimeter Metravi Model 603-II Delivered to Electrical Lab	SCIENTIFIC ENTERPRISES, VYTHILLA JUNCTION, COCHIN.	18300/ 07-08 24-4-07	6	5005.20			
29/3/17	Digital Multimeter HTC DM 97	M/s Scientific Enterprises, Vythilla, Cochin	2065/ 16-17 24 March 2017	10	14,450			
18/04/23	Digital Multimeter METRAVI - XB33CF	Amity Solutions Thodupuzha Idukki	AS 232 401 5/4/23	10	22420			

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

Date	Particulars	Received from Bill Issued to & Date	Qty	Received Amount (Rs)	Issued Sign	Remark
17/9/18	Optical Fibre Communication Kit (Model Sciartech 2501A)	Sciartech Technologies Pvt. Ltd. Indore	MS/ST/ :1 18-19 0315 9/8/18	16966.00 + Tax 3353.81	<i>[Signature]</i>	<i>[Signature]</i> 17/9/18


Dr. LEENA A.V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYANUR, KANNUR

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

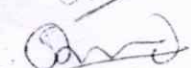
**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET PROPOSAL SUMMARY FOR THE ACADEMIC YEAR 2022-2023

Sl. No:	NAME OF THE LAB	BUDGET AMOUNT
1.	ELECTRICAL WORKSHOP	2932
2	MICROPROCESSORS AND MICROCONTROLLERS LAB	23280
3	POWER ELECTRONICS LAB AND DIGITAL ELECTRONICS LAB	9350
4	ELECTRICAL MACHINES LAB I AND LED MANUFACTURING UNIT	9510
	TOTAL	45072

**TOTAL AMOUNT[in words]: FORTY FIVE THOUSAND SEVENTY
TWO RUPEES ONLY**


Lab in charge

Mr. Vilas P.

Mr. Sreeraj


Lab Coordinator

Mr. Vaishakh M. Nayanas


Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING AND TECHNOLOGY, PAYYANUR**
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: POWER ELECTRONICS LAB AND DIGITAL ELECTRONICS LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	RESISTER 1. 390Ω 2. 470 Ω 3. 47 Ω 4. 2.7K Ω 5. 100 Ω 6. 180 Ω 7. 1K Ω 8. 100 Ω,4W	20 No's each	1000 rupees	1000 rupees	August 2022
2	POTENTIOMETER 1. 10K Ω 2. 22K Ω 3. 1K Ω 4. 47 KΩ 5. 4.7 KΩ 6. 100K Ω 7. 22K Ω	20 No's each	1000 rupees	1000 rupees	August 2022
3	CAPACITOR 1. 0.1 mf 2. 2.2mf	20 No's each	250rupees	250rupees	August 2022
4	DIODE 1. IN4007 2. SZ12	30 Each	1000 rupees	1000 rupees	August 2022
5	UJT (2N647)	20 No's each	1200 rupees	1200 rupees	August 2022
6	DC MOTOR 12 V 100rpm,geared	5 Nos	500 rupees	500rupees	August 2022
7	DIAC- DB3	20 No's	500 rupees	500 rupees	August 2022
8	TRIAC BT136	20 No's	500 rupees	500	August 2022

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

				rupees	
9	SCR	20 No's	500 rupees	500 rupees	August 2022
10	MOSFET	20 No's	500 rupees	500 rupees	August 2022
11	NE555 TIMER	20 No's	500 rupees	500 rupees	August 2022
12	BATTERY 9V	5Nos	200rupees	200rupees	August 2022
13	TRANSFORMER 230/24V	2 Nos	200rupees	200rupees	August 2022
14	IC 7485,7490,7493	10 No's	500 rupees	500 rupees	August 2022
15	IC 7447	10 No's	500 rupees	500 rupees	August 2022
16	COMMON ANODE/COMMON CATHODE SEGMENT LEDDISPLAY	5 No's	500 rupees	500 rupees	August 2022

TOTAL AMOUNT[in words]: 9350 Rupees

: NINE THOUSAND THREE HUNDRED AND FIFTY RUPEES ONLY

Technical Staff In-charge: *Sos Archana c.p*

Faculty In-charge: *Archana c.p*

Dated Signature: *[Signature]*

Dated Signature: *[Signature]*

Leena
Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: ELECTRICAL MACHINES LAB I AND LED MANUFACTURING UNIT

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1.	MAT (RUBBER)	24 Nos.	300	7200	DECEMBER 2022
2	READYMADE CURTAIN	4 Nos.	240	960	DECEMBER 2022
3.	SAFETY STICKERS	150 METERS	5	750	DECEMBER 2022
4	CHART	12 Nos.	50	600	DECEMBER 2022
TOTAL				9510	

TOTAL AMOUNT[in words]:NINE THOUSAND FIVE HUNDRED AND TEN RUPEES ONLY

Technical Staff In-charge: Wilas P

Faculty In-charge: Mrs. S. J. J. J.

Dated Signature: [Signature] 26/7/22

Dated Signature: [Signature]

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,
PAYYANUR**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: EEL331 Microprocessors and Microcontrollers Lab

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Vi 8085 Trainer Kit	4	7273 rupees	23280 rupees	August 2022

TOTAL AMOUNT[in words]: Twenty three thousand two hundred and eighty rupees

Technical Staff In-charge: *Vilasp*

Dated Signature: *5/8/22*

Faculty In-charge: Vaishakh M Nayanar

Dated Signature: *5/8/22*

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

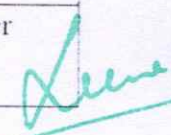


**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: ELECTRICAL WORKSHOP

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	230V 6A ONE WAY SWITCH	20Nos	16.95	338	November 2022
2	230V 6A TWO WAY SWITCH	20Nos	31.96	740	November 2022
3	¾ PVC WIRING PUMP	15 Meter	46	275	November 2022
4	¾ PVC JUNCTION BOX(3 WAY)	30Nos	14.41	432	November 2022
5	¾ PVC JUNCTION BOX(4 WAY)	30Nos	14.41	432	November 2022
6	PVC ELBOW	20 Nos	2.88	68	November 2022
7	PVC TEE	20 Nos	4.32	102	November 2022
8	SCREWS-3/4	100Nos	0.42	50	November 2022
9	SCREWS-3/4	100 Nos	0.38	45	November 2022
10	BATTERY- 1.5V	20Nos	200	50	November 2022
11	BATTERY- 9V	5 Nos	100	100	November 2022


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

12	SADDLE CLAMP	60 Nos	300	300	November 2022
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TOTAL AMOUNT[in words]: 2932 Rupees

TWO THOUSAND AND THIRTY TWO ROPEES.

Technical Staff In-charge: Vilas P

Dated Signature: [Signature] 24/10/22

Faculty In-charge: [Signature] 29/10/2022

Dated Signature: Prabha Chandran

AP, EEE

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

SUBMISSION

To conduct aurdino based experiments in **EEL 331 Microprocessors and Microcontrollers Lab** we require four numbers of **AURDINIO UNO R3** board. It is mandatory to conduct these experiments because we have external evaluation for lab courses.

Aurdino UNO R3 Development Board – 4 numbers (700 Rs+ GST each)

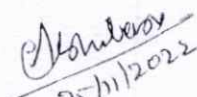
Kindly do the needful as early as possible

25-11-2022

Payyanur


25/11/2022
VAISHAKH M NAYANAR
(LAB In Charge)

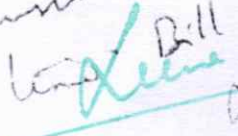
Aurdino UNO R3 is necessary for conduction of lab, early it has been provided by ECE department due to scarcity of this equipment they have intention to so if provided it can be used for project purpose and for lab conduction purpose also which will boost the performance of students hence Result of the lab.


25/11/2022
HOD (EEF)

Forwarded to Principal

25-11-2022

As per the directions of the Secretary the same may be procured so that the lab course shall be completed in time. Bill shall be submitted.


25/11/22
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

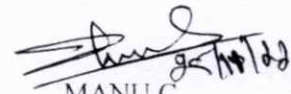
SUBMISSION

Following materials are required to electrical machines lab for the smooth conduction of lab courses

1. Chart of working principles of electrical machines/starters(both AC and DC) 200
2. Safety stickers — 500
 - a) Red - 50 m
 - b) Green- 50 m
 - c) Yellow- 50 m
3. MAT (6x2 feet size) – 24 numbers — 5000

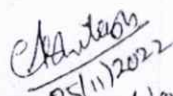
25-11-2022

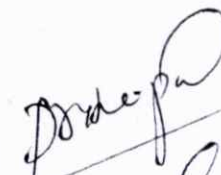
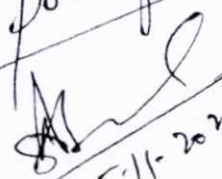
Payyanur


MANU C

(LAB In Charge)

Above Mentioned accessories are very much necessary in. Connected to the safety of the machine lab. same has been suggested by External auditor. early a submission was given so consider this as a reminder submission for your kind attention


25/11/2022
HOD(EEE)


Forwarded to the Principal

25-11-2022

Do/DA

The request was submitted earlier & approved by the Management. It came to my notice that the submission paper was missing. All submissions related to Procurement shall be kept in file.

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR

avoid misplacement, as the same is
also to be produced during
external auditing-

Please see to it that
all the submission by any Department
of the same after approved by the
Management are documented for
future reference.

As per the direction of Secretary, the
above items may be produced &
the bills submitted.

Leena
25/11/22

Leena

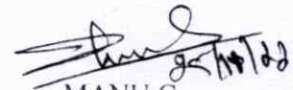
SUBMISSION

Following materials are required to electrical machines lab for the smooth conduction of lab courses

1. Chart of working principles of electrical machines/starters(both AC and DC) -
2. Safety stickers
 - a) Red - 50 m
 - b) Green- 50 m
 - c) Yellow- 50 m
3. MAT (6x2 feet size) - 24 numbers -

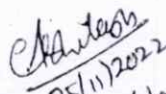
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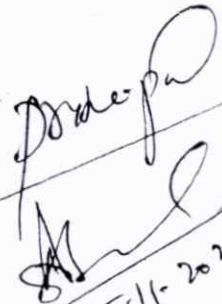
Payyanur


MANU C

(LAB In Charge)

Above Mentioned accessories are very much necessary in connected to the safety of the machines lab. same has been suggested by External auditor. early a submission was given so consider this as a reminder submission for your kind attention.


25/11/2022
HOD(EEE)


25-11-2022

Do/DA

The request was submitted earlier & approved by the management. It came to my notice that the submission paper was missing. All submissions related to Procurement shall be kept in file.

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

avoid misplacement, as the same is
also to be produced during
external auditing.

Please see to it that
all the submissions by any Department
of the same after approved by the
Management are documented for
future reference.

As per the direction of Secretary, the
above items may be procured &
the bills submitted.

Leena
25/11/22

Leena

Submission

The following particular is required for conducting exercises in Electrical Workshop for the course ESL130 Electrical and Electronics workshop. -1

- ① $\frac{3}{4}$ " Saddle clamp (Metal) - 60 Nos.
-

Recommended as
It is required to conduct
lamp wiring Experiments

Abhilash
14/11/2022

Abhilash Krishnan T.K.
HOD(EEE).

Poabha Chandan
14/11/2022
Poabha Chandan
AP, EEE
(Workshop In-charge.)

Expects Next week

Pls. into
14-11-2022

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Submission

The following particulars are required for conducting exercises in Electrical Workshop for the course ESL130. Electrical and Electronics workshop. The same may kindly be permitted.

- ① 230 V, 6A One way switch - 20Nos.
- ② 230 V, 6A Two way switch - 20Nos.
- ✓ ③ ^{3/4"}~~1/2"~~ PVC wiring pipe - 15 meters.
- ✓ ④ ^{3/4"}~~1/2"~~ PVC junction box (3way) - 30Nos.
- ✓ ⑤ ^{3/4"}~~1/2"~~ PVC junction box (4way) - 30Nos.
- ✓ ⑥ ^{3/4"}~~1/2"~~ PVC Elbow - 20Nos.
- ✓ ⑦ ^{3/4"}~~1/2"~~ PVC Tee - 20Nos.
- ⑧ ^{1/4"}~~1/2"~~ Screws - 100Nos.
- ⑨ ^{3/4"}~~1/2"~~ screws - 100Nos.
- ✓ ⑩ 1.5 V battery - 20Nos.
- ✓ ⑪ 9V battery - 5No.

Recommended to purchase locally for the electrical w/shop practice.

Suma
29/10/2022
(HOD (EEE))

Amel
29/10/2022

Prabha Chandran
AP, EEE
(Course Instructor)
ESL130

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Submission

With respect to the earlier submission dated 21/07/2022, requesting purchase of Components for power Electronics lab, the purchase Cost of the Components is estimated approximately Rs. 6000/- . The same may kindly be released as soon as possible for the smooth Conduction of power Electronics lab & power Electronics lab exam .

Pls. approve purchase
M
3/8

Purchase of Components may be
Locally made for smooth conduct
of Laboratory Experiments
in the Power Electronics Lab .

26/7/2022
Anchana e.p
AP, EEE

Recommended

26/7/2022

HOD (ECE & EEE)

Pls. follow up & take
necessary action
10.08.2022

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

Forwarded to the
Secretary for kind action
26/7/22

SUBMISSION

The following ^{items} ~~particulars~~ are required for Power Electronics Lab for the smooth conduction of experiments.

SL NO	COMPONENTS	SPECIFICATIONS	QUANTITY
1	RESISTOR	390 Ω	20No.s
		470 Ω	20No.s
		47 Ω	20No.s
		2.7K Ω	20No.s
		100 Ω	20No.s
		180 Ω	20No.s
		1K Ω	20No.s
		100 Ω , 5W	20No.s
2	POTENTIOMETER	10K Ω	20No.s
		22K Ω	20No.s
		1K Ω	20No.s
		47K Ω	20No.s
		4.7K Ω	20No.s
		100K Ω	20No.s
		22K Ω (ganged)	10No.s
3	CAPACITOR	0.1 μ F	20No.s
		2.2 μ F	20No.s
4	DIODE	IN4007	30No.s
		SZ12 (Zener diode)	20No.s
5	UJT	2N2646	20No.s
6	DC MOTOR	12V, 100rpm, geared	5No.s
7	DIAC	DB3	20No.s
8	TRIAC	BT136	20No.s
9	SCR	TYN612	20No.s
10	MOSFET	IRF540	20No.s
11	IC	NE555(timer IC)	20No.s
12	BATTERY	9V	5No.s
13	TRANSFORMER	230/24v	2No.s
14	IC	7485, 7490, 7493	10No.s
15	IC	7447	10No.s
16	Common anode / common cathode seven segment LED display		5No.s

The components may be purchased locally with the specification of the items given. Permission may be granted for local purchase of items. Recommended

Dr. LEENA A.V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

21/7/22
Archana CP
Ap. EEE

Forwarded to
Secretary for kind
21/8

Mr. Shihon
Pl. get the
components & inform
me
21-07-22

Submission

For the smooth conduction of FEL 331, Microprocessor
Micro controllers lab, for S₅ EEE in next academic
year (2022-2023) we need an additional
8085 trainer kit. So kindly do the needful
as soon as possible

26-08-22

Tuesday

Maranathapuram
3/8

Vaishakh
26/08/22

Vaishakh M. Nayanar
AP, EEE
SNGCET

Recommended

Amma
26/07/2022
HOD(EEE)

Forwarded to the concerned
Secretary for kind action

Leena
26/7/22

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Shweta
10.08.2022

SUBMISSION

For the on going semester (2022-23) as per the new scheme prescribed by KTU (2019 scheme) for s5 EEE for microprocessor and microcontroller lab (EEL331) its mandatory to conduct experiments on 8085 trainer kit. We require at least two trainer kits for smooth conduction of lab. We request you to do the needful as early as possible

Attaching a copy a quotation received from vi microtech for purchase

Approximate amount as per quotation received from vi microtech 7400 rs/piece

Vaishakh M Nayanar (Faculty in charge)

04/08/2022

Payyanur

Two trainer kits of microprocessor 8085 may be purchased as per the quotation given. Action to this effect may please be taken at the earliest as per the decision of the Management.

Recommended

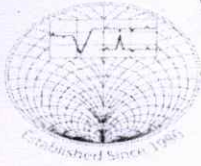
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4/8/2022

HOD (ECE/EEE)

[Signature]
4/8/22

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

As the management has sanctioned the purchase of the same it may be purchased at the earliest.



Vi Microsystems Pvt. Ltd.,

#75, Electronics Estate, Perungudi, Chennai, Tamilnadu, India - 600 096.

Phone : 044 - 2496 0774, 2496 1842, 2496 1852, 2496 3142

E-Mail: sales@vimicrosystems.com | Website: www.vimicrosystems.com

GSTIN: 33AAACV0909J1ZJ | TIN : 33891580314 | PAN : AAACV0909J

Ref: V21/QTN/061/CLT

Dated : 04-AUG-2022

THE PRINCIPAL
SNGCET-KOROM,
PAYYANNUR-KANNUR DST
KERALA

Dear Sir,

As desired by you, we are pleased to enclose our **QUOTATION** for your favorable consideration.

We believe that you will find our offer as quite attractive and cost effective to your needs. In case you require any further clarifications or details please do feel free to contact us.

Looking forward to receive your valuable order

Thanking you and assuring of our best services.

Yours faithfully,
For Vi Micro systems Pvt. Ltd.,

AUTHORIZED SIGNATURE
9847202158(ANIL NAMBIAR)

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

QUOTATION

8085 MICROPROCESSOR PROGRAMMING

1. DATA TRANSFERRING USING DIFFERENT ADDRESSING MODES AND BLOCK TRANSFER

&

2. a. Arithmetic operations in Binary and BCD ; Addition, Multiplication, Subtraction and Division

b. LOGICAL INSTRUCTIONS SORTING OF ARRAYS IN ASCENDING AND DESCENDING ORDER

&

c. BINARY TO BCD CONVERSION AND VICE VERSA

&

11. DEMO EXPERIMENTS USING 8085 MICROPROCESSOR PROGRAMMING

a. Digital I/O using PPI: Square wave generation

b. Interfacing D/A Converter – generation of simple waveforms triangular ramp etc

c. Interfacing A/D Converter

8085 MICROPROCESSOR LC LCD TRAINER [MICRO-85 LC LCD]

a. PROCESSOR:

- Intel 8085A CPU @ 6.144 MHz Clock speed.

MEMORY :

- RAM : 8KB expandable to 32KB, Jumper selectable.
- EPROM: 8KB expandable to 32KB, Jumper selectable.
- 3.0V Lithium Battery Backup for RAM

PERIPHERALS:

KEYBOARD AND DISPLAY:

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

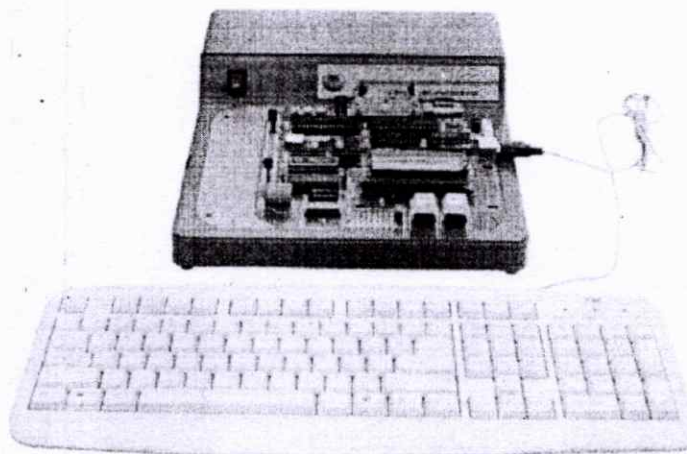
- PC Keyboard (105Keys)
- 16x2 Alphanumeric Dot Matrix Liquid crystal display with back light

TIMER, PARALLEL I/O, DIGITAL I/O, SERIAL AND BUS EXPANSION:

- 3 Channel 16 Bit counter / timer terminated in a 10 pin connector using 8253
- 24/22 TTL I/O lines, terminated at 1 No of 26-Pin FRC connector by using 1 No of 8255/ 1 No 8155 respectively
- 8 No's of Digital inputs terminated and given through on board 8 way Dip switch
- 8 No's of Digital outputs are terminated and displayed in the 8 No's of SMD type LEDs
- Digital I/O lines are terminated in 20-Pin connector
- RS 232C compatible Serial port terminated in a 9-pin 'D' male connector/ USB to serial converter
- One VXT-Bus (50-Pin FRC Connector) for interfacing VBMB series of experiment boards for bus expansion.

INTERRUPTS :

- 5 No's Interrupts are terminated in a 5-Pin connector



SPECIAL FEATURES


Dr. LEENA A V
 PRINCIPAL
 BREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR

- Built in Line Assembler and Dissembler provided.
- Software single stepping of user programs by instruction for software debugging.
- Housed in a sleek plastic cabinet.

BUILT-IN POWER SUPPLY

- Input : 230V A.C.
- Output : +5V/3.5 A, +12V/150mA

DOCUMENTATION SUPPORT:

- i) E manual provide in CD

Rs. 5,870.00 + GST @ 18%

Terms & Conditions

01	GST	Extra @ 18%
02	Validity of offer	90 Days from the date of quotation
03	Terms of payment	50 % advance along with PO & 50% against delivery
04	Delivery	10 – 12 Weeks from the date of receipt of techno – commercial clear and firm purchase order.
05	Warranty	One year from the date of delivery
06	P & F	Extra @ 5%
07	Installation	Free of cost
07	AMC	After the warranty period we will provide AMC for best Service support

For Vi Microsystems Pvt. Ltd.

[Signature]

AUTHORIZED SIGNATURE

[Signature]

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

6240+951
6000-7/18
7080



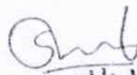
**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

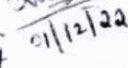
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

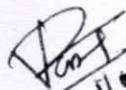
BUDGET EXPENDITURE SUMMARY FOR THE ACADEMIC YEAR 2022-2023

Sl. No:	NAME OF THE LAB	BUDGET AMOUNT
1.	ELECTRICAL WORKSHOP	3110
2	MICROPROCESSORS AND MICROCONTROLLERS LAB	10,127
3	POWER ELECTRONICS LAB	6972
4	ELECTRICAL MACHINES LAB I	3768
5	DIGITAL ELECTRONICS LAB	700
	TOTAL	24677

**TOTAL AMOUNT[in words]: TWENTY FOUR THOUSAND SIX
HUNDRED AND SEVENTY SEVEN RUPEES ONLY**


01/12/22
Lab in charge

Mr. Vilas P. 
Mr. Soeraj 
01/12/22


11/02/22
Lab Coordinator
Mr. Vaishakh M. Nayan


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING TECHNOLOGY,**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET EXPENDITURE FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: **DIGITAL ELECTRONICS LAB**

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1	IC 7485	10 Nos.	25	250	AUGUST 2022
2	IC 7447	10 Nos.	35	350	AUGUST 2022
3	7 Segment LED	10 Nos	10	100	AUGUST 2022
TOTAL				700	

TOTAL AMOUNT[in words]: SEVEN HUNDRED RUPEES ONLY

Technical Staff In-charge: *Sreeraj R.*

Dated Signature: *[Signature]* 01/12/22

Faculty In-charge: *Achane C.P.*

Dated Signature: *[Signature]* 01/12/22

[Signature]

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET EXPENDITURE FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: **ELECTRICAL MACHINES LAB I**

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1.	VELVET CARPET	7.2No.	390	2808	DECEMBER 2022
2	READYMADE CURTAIN	4 Nos.	240	960	DECEMBER 2022
TOTAL				3768	

TOTAL AMOUNT[in words]:THREE THOUSAND SEVEN HUNDRED AND SIXTY EIGHT RUPEES ONLY

Technical Staff In-charge: **Vilas P**

Dated Signature:
11/2/22

Faculty In-charge:

Dated Signature:
11/2/22
Varishethi M Nagesh


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET EXPENDITURE FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: POWER ELECTRONICS LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1.	BATTERY,9V	5 Nos.	20	100	AUGUST 2022
2	NE555 TIMER	20 Nos.	10	200	AUGUST 2022
3	SCR	13 Nos.	30	390	AUGUST 2022
4	TRIAC,BT136	20 Nos.	20	400	AUGUST 2022
5	DIAC DB3	20 Nos.	03	60	AUGUST 2022
6	DCMOTOR,12V 100rpm,gearred	5 Nos.	180	900	AUGUST 2022
7	UJT 2N2646	20 Nos.	90	1800	AUGUST 2022
8	DIODE SZ12	20 Nos.	1	20	AUGUST 2022
9	DIODE IN4007	30 Nos.	1	30	AUGUST 2022
10	CAPACITOR 0.47 μ F	20 Nos.	1	20	AUGUST 2022
11	CAPACITOR 2.2 μ F	20 Nos.	2	40	AUGUST 2022
12	POTENTIOMETER	120 Nos.	15	1800	AUGUST 2022
13	RESISTOR	140 Nos.	0.3	42	AUGUST 2022
TOTAL				6972	

**TOTAL AMOUNT[in words]:SIX THOUSAND NINE HUNDRED AND
SEVENTY TWO RUPEES ONLY**

Technical Staff In-charge: *[Signature]* 11/12/22

Dated Signature: *[Signature]*

Faculty In-charge: *[Signature]* 11/12/22

Dated Signature: *[Signature]* 11/12/22

[Signature]
DR. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET EXPENDITURE FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: **MICROPROCESSORS AND MICROCONTROLLERS LAB**

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1.	8085 MICROPROCESSOR TRAINER KIT(MICRO 85 LC LCD	1No.	6927	6927	NOVEMBER 2022
2	AURDINO BOARD WITH CABLE	4 Nos.	800	3200	NOVEMBER 2022
TOTAL				10,127	

TOTAL AMOUNT[in words]:TEN THOUSAND ONE HUNDRED AND TWENTY SEVEN RUPEES ONLY

Technical Staff In-charge: Sreejith T K

Dated Signature: [Signature]
11/11/22

Faculty In-charge: Vaishakh. M Nayanar

Dated Signature: [Signature]
11/12/22

[Signature]
Dr. LEENA V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR, KANNUR**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BUDGET EXPENDITURE FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: ELECTRICAL WORKSHOP

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL EXPENDITURE	MONTH OF PURCHASE
1.	230V 6A ONE WAY SWITCH	20 Nos.	16.95	400	NOVEMBER 2022
2	230V 6A TWO WAY SWITCH	20 Nos.	31.36	740	NOVEMBER 2022
3	3/4" PVC WIRING PIPE	15 Meter	46.61	275	NOVEMBER 2022
4	3/4" PVC JUNCTION BOX (4WAY)	60 Nos.	14.41	1020	NOVEMBER 2022
5	PVC ELBOW	20 Nos.	2.88	68	NOVEMBER 2022
6	PVC TEE	20 Nos.	4.32	102	NOVEMBER 2022
7	SCREWS 3/4"	100 Nos.	0.42	50	NOVEMBER 2022
8	SCREWS 1/2"	100 Nos.	0.38	45	NOVEMBER 2022
9	BATTERY 1.5 V	20 Nos.	10	200	NOVEMBER 2022
10	BATTERY 9V	5 Nos.	20	100	NOVEMBER 2022
11	SADDLE CLAMP	60 Nos.	1.63	110	NOVEMBER 2022
TOTAL				3110	

TOTAL AMOUNT [in words]: THREE THOUSAND ONE HUNDRED AND TEN RUPEES ONLY

Technical Staff In-charge: *Vilas P.*

Dated Signature: *[Signature]*
11/21/2022

Faculty In-charge: *Prabha Chandran*

Dated Signature: *[Signature]*
11/21/2022

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

MAULI & ANSARI, A/122A & CO.
 NEW BUS STAND, KANNUR-690001
 GSTIN : 32AAE 42371017

V.NO:1995

State:Kerala State Code:32

PO: KANNUR, IN VITAC
 PIN
 DIST: K.

Sold To : SINGHET KURUM

State:Kerala State Code:32
 Bill No. : 114754

Bill Date: 17/12/2017

SL	QTY	ITEM	UNIT	PRICE	TAX	AMOUNT	TOTAL
✓ 1 : 5704	12	VELVET CARPET	sq.ft	399.00	12.00%	4868.40	5467.68
2 : 6303	3	REDYMADE CURTAIN	sq.ft	249.00	20.00%	747.00	896.40
						5615.40	6514.08

Basic 5467.68

IGST 11.72%

IGST 640.40

Total 7154.48

CGST:264.72 IGST:264.72 Total:531.44

Grand Total : 7685.92

Amount : Seven Thousand Six Hundred Eighty Rupees Only

A/C No. : 71205040000101 . BANK : UNION BANK OF INDIA PAYYANUR . IFSC : UI0505123

Thank You.Visit again.

[Signature]
 21.12.2017

David
Rs. 7685.92 =

[Signature]
 Authorised Signatory

Leena
Dr. LEENA A V
 PRINCIPAL
 BREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY
 PAYYANUR, KANNUR

SALES & SERVICE

Phone: 04985 202230

Date: 29.11.22

To: S. N. G. C. G. I PNR.

Mobile.

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

V. NO: 1670

TRADE HOUSE PATTANUR

DRP KSRTO, PERUMBA, PATTANUR
Phone : 04985-293933
STATE : KERALA

AS IN : 3306N858839E120
STATECODE : 32

INVOICE (DASH BILL)

Name : S N G. COLLEGE KOROM
Address : KOROM
CUTIN :
SMAN : NONE

INV No : A1736
Date : 17/11/2022

QTY	HSN CODE	Particulars	Unit	Qty	Rate	DIS% GST%	Net V.
1		STEEL CLAMP 3/4"	PCS	50.00	1.65	9.00 9.00	110.4

Central Tax : 8.43
State Tax : 8.43

50.00

110.4

Rupees One Hundred and Ten Only

Discount : 9.00

****Grand Total : 110.00**

Certified that the particulars given above are true and correct.

FOR TRADE HOUSE PATTANUR

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PATTANUR, KANNUR

TRADE HOUSE PAYYANNUR

APP KSRTC, PERUMBA, PAYYANNUR

Mobile : 04985-293933

Email : TRADEHOUSEPNR@GMAIL.COM

STATE : KERALA - CODE : 32

GSTIN : 32CGNPS8835E1Z0

CASH BILL

Page No : 1

Name : S N G COLLEGE KOROM

Address : KOROM

Phone :

INV No : A1635

Date : 09/11/2022

SN	HSN CODE	Particulars	Qty	Rate	GrossVal	CGST %	CGST AMT	SGST %	SGST AMT	Total
1	8536	GM 1WAY SWITCH (WHITE)	20 Nos	16.95	338.98	9	30.51	9	30.51	400.00
2	8536	GM 2WAY SWITCH	20 Nos	31.36	627.12	9	56.44	9	56.44	740.00
3	39172310	EVERSHINE PIPE 3/4" BLACK (ISI)	5 Nos	46.61	233.05	9	20.97	9	20.97	275.00
4	3917	JUNCTION BOX HEAVY 3/4" 4WAY(HI TEC H)	60 Nos	14.41	864.41	9	77.80	9	77.80	1020.00
5	3917	PVC ELBOW BLACK 20MM	20 Nos	2.88	57.63	9	5.19	9	5.19	68.00
6	3917	WIRING TEE BLACK 20MM	20 Nos	4.32	86.44	9	7.78	9	7.78	102.00
7	7318	JIPSEM SCREW 3/4 "	100 Nos	0.42	42.37	9	3.81	9	3.81	50.00
8	73181400	JYPSAM SCREUE 1/2 "	100 Nos	0.38	38.14	9	3.43	9	3.43	45.01

Sales 18%: 2288.14 CGST : 205.93 SGST : 205.93
Rupees Two Thousand Seven Hundred Only

** GRAND TOTAL (R) 2700.00

Certified that the particulars given above are true and correct.

For TRADE HOUSE PAYYANNUR

Authorised Signatory

BANK: CANARA BANK IFSC: CNRB00000813
ACCOUNT NO: 125002579018

Received the particulars
(except 3/4" and 1/2" screws)

14/11/2022
(Prabha Chaudhary)
AP EEE
Leena

Dr. LEENA A V
PRINCIPAL
BREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANNUR

Vi Microsystems Pvt. Ltd.

WORKS

Plot No. 75, Electronics Estate, Perungudi,
Chennai - 600 096,
Phone : 24961842, 24961852 Fax : 24961536
Email : sales@vimicrosystems.com



Name THE PRINCIPAL,

Address SREENARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
P.O: CHALAKODE
PAYYANUR,
KANNUR DIST. - 670 307

GSTIN : 33AAACV0009J1Z6J

Our Ref. : V03/QTN/2752

Our Ref Date : 28-Jan-2004

Date of Preparation : 05-Nov-2022, 5.00PM

Date Time of Removal : 05-11-2022

Mode of Transport : BY ROAD

RG 23A PH PLAS.No : .

INVOICE NO : 2223010172

DATE : 05-Nov-2022

DC. No : 2223010172

DC Date : 05-Nov-2022

PO. No : sngcet/vi m/2022

PO Date : 08-Aug-2022

SNO	ITEM DESCRIPTION	HSN	QTY	RATE	AMOUNT	IGST		TOTAL
						%	AMT	
	8085 MICROPROCESSOR TRAINER KIT (MICRO 85 LC LCD)		1	5,870.00	5,870.00	18	1,056.60	6,926.60
TOTAL			1	5,870.00	5,870.00		1,056.60	6,926.60

Company's Bank Details

Bank Name : Indian Bank
Branch : Anna Salai, Chennai
Account No : 475344917
IFSC Code : IDIB000A089

BASIC VALUE
IGST @ 18 %
SUB TOTAL
ROUND OFF

5,870.00
1,056.60
6,926.60
0.40

TOTAL VALUE

6,927.00

Total Value (In Words)

Six Thousand Nine Hundred Twenty Seven only

Certificate that the particulars given above true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

Subject to chennai Jurisdiction.

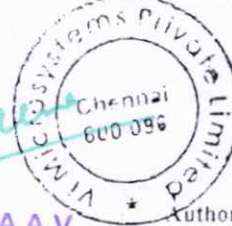
E.& O.E.

Checked

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

for Vi Microsystems Pvt. Ltd.



Authorised Signatory

GSTIN : 32BHUPA9292G1Z1

TAX INVOICE
CASH/CREDITPh : 9946488010
9544102769**STAR ELECTRONICS**

Thalikavu Road, Opp: Hanuman Kovil, Kannur -1

Invoice No:

Date:

Name:

SNUCET payyanur

GST

Sl. No.	Description of Goods	HSN Code [GST]	Rate of Tax	Qty.	Rate	Amount
1	Resistance		18%	140	30	42
2	potentiometer		18%	120	15	1800
3	0.47 63v		18%	20	1	20
4	2.2 63v		18%	20	2	40
5	1W4007		18%	30	1	30
6	12v 200mA		18%	20	1	20
7	2W2646		18%	20	90	1800
8	DB.3		18%	20	3	60
9	15T 136		18%	20	20	400
10	100 RPM motor		18%	5	180	900
11	1W 612		18%	13	30	390
12	NESS5		18%	20	10	200
Electronic Reference Number			TOTAL			
Rupees..... T/F			CGST	%		
			SGST	%		
			IGST	%		
			OTHERS			
			GRAND TOTAL			

For STAR ELECTRONICS

Dr. LEENA A V
PRINCIPALSREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

TAX INVOICE
CASH/CREDIT

STAR ELECTRONICS

Thalikavu Road, Opp: Hanuman Kovil, Kannur -1

Date :

Name

[illegible]

Electronic Reference Number	TOTAL	6502
Rupees <i>Eight thousand</i>	CGST %	585 18
<i>Six hundred and</i>	SGST %	585 18
<i>Seventy two only</i>	IGST %	
	OTHERS	
	GRAND TOTAL	7672 36

For ~~STAR~~ELECTRONICS

Dr. LEENA A V
PRINCIPAL

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-2023

Name of Lab: **ELECTRICAL MACHINES LAB I AND LED MANUFACTURING UNIT**

Sl. No:	PARTICULARS	June	July	Aug	Sept	Oct	Nov	Dec	Jan '23	Feb '23	Mar '23
1.	MAT (RUBBER)							✓			
2.	READYMADE CURTAIN							✓			
3.	SAFETY STICKERS							✓			
4.	CHART							✓			

Technical Staff In-charge: Mr. Vilas P.

Dated Signature: Gulab 24/12/22

Faculty In-charge: M. Manu C. 24/12/22

Dated Signature: M. Manu C.


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: ELECTRICAL WORKSHOP

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	230V 6A ONE WAY SWITCH						✓				
2	230V 6A TWO WAY SWITCH						✓				
3	¾ PVC WIRING PUMP						✓				
4	¾ PVC JUNCTION BOX(3 WAY)						✓				
5	¾ PVC JUNCTION BOX(4 WAY)						✓				
6	PVC ELBOW						✓				
7	PVC TEE						✓				
8	SCREWS-3/4						✓				
9	SCREWS-3/4						✓				
10	BATTERY- 1.5V						✓				
11	BATTERY- 9V						✓				
12	SADDLE CLAMP						✓				

Only
29/12/22

Staff is change

Leena

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

29/12/22

(Faculty in charge)



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MICROPROCESSOR AND MICRO CONTROLLERS LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	8085 MICROPROCESSOR KIT (VI MICROSYSTEMS)				✓ (1)						

Srip
29/12/22
Technical staff in charge

Prat
29/12/22
Faculty in charge

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: POWER ELECTRONICS

Sl. No:	PARTICULARS	UTILIZATION									
		JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	RESISTOR			✓							
2	POTENTIOMETER			✓							
3	CAPACITOR			✓							
4	DIODE			✓							
5	UJT			✓							
6	DC MOTOR			✓							
7	DIAC			✓							
8	TRAC			✓							
9	SCR			✓							
10	MOSFET			✓							
11	555 TIMER			✓							
12	BATTERY 9V			✓							
12	TRANSFORMER			✓							

Leena A V
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PAYYANUR, KANNUR

13	IC7485,7490,7493			✓							
14	IC7447			✓							
15	COMMON ANODE/COMMON CATHODE DISPL;AY			✓							
				✓							

Smt
29/12/24
Technical staff exchange

Prof
29/12/24
Faculty exchange

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

CONSOLIDATED

Sl. No:	PARTICULARS	QUANTITY	TOTAL COST [Rs]
1	Machine tools lab requirement	12 items	479926/-
2	Material testing lab requirements	6 items	14825/-
3	Thermal engineering lab- I requirements	10 items	59070/-
4	Thermal engineering lab-II requirements	9 items	22410/-
5	Mechanical engineering lab requirements	8 items	462300/-
6	Computer aided design and analysis laboratory requirement	2 items	15600/-
7	FM and HM lab requirements	7 items	28210/-
8	Basic mechanical workshop requirements	6 items	9733/-
TOTAL			1092074/-

TOTAL AMOUNT [in words]: Ten Lakhs ninty Two Thousand Seventy Four Only

Technical Staff In-charge: *Dhanaraj.k*

Dated Signature: *[Signature]* 17/8/22

Faculty In-charge: *[Signature]*

Dated Signature: *[Signature]* 17/8/22

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: Mechanical Engineering Lab

Sl. No	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1.	3D printer(300mmx300mmx300mm)	1	75000/piece	75000	December
2.	Pneumatic Trainer Kit	1	115000/kit	115000	December
3.	Hydraulic trainer kit(without PLC) including hydraulic power systems	1	110000/kit	110000	December
4.	AC and DC servomotors	1	30000/set	30000	December
5.	SCADA software with accessories	1	100000/set	100000	December

TOTAL AMOUNT [in words]: Four lakhs thirty thousand only

Technical Staff In-charge: ...*Dharmaraj.k*

Dated Signature: ...*[Signature]*
17/8/22

Faculty In-charge: ...*[Signature]*

Dated Signature:.....

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Submission

Report on demonstration of Laboratory items at M/s Global Equipments Coimbatore

Handwritten signature and date: 14/11/22

List of proposed items

Sl.No.	Items & Specifications	Qty.	Rate	Amount
1	3D printer (300x300x300mm) Without PC	1No.	75000/piece	75000
2	Pneumatic Trainer Kit (With PLC) Including Air Compressor & Accessories	1No.	115000/kit	115000
3	Hydraulic trainer kit (without PLC) Including Hydraulic power system.	1No.	110000/kit	110000
4	AC and DC servo motors with encoders for motion control	1Set.	30000/set	30000
5	SCADA software with accessories	1Set.	100000/set	100000
			Total	430000

(Rupee four lakh thirty thousand only)

As per the proposed list of items, the following items have been demonstrated by the M/s Global Equipments Coimbatore, and found suitable to be purchased.

1. 3D Printer.
2. Pneumatic trainer kit with PLC.
3. Hydraulic trainer kit.
4. AC and DC servo motors with encoders for motion control.

The SCADA software package was not demonstrated, because it was to be installed on the specified PC and demonstrated. The demonstration is possible only after the purchase of the package. So we suggest that, instead of this software package, the forced and free vibration experiment setup may be purchased at the same cost of price and with which we can do four numbers of various types of experiments on vibration in accordance to the KTU syllabus.

Korom

09/11/2022

Handwritten signature of Jacob Thomas
9/11/22
JACOB THOMAS.
HOD MB

Handwritten signature of Dr. Leena A V
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

GLOBAL

ENGINEERING EQUIPMENTS

AN ISO 9001:2015 CERTIFIED COMPANY



Ref : GEE/QUO/2115/2022-23.

Date :22/08/2022

To

The Principal ,
SREE NARAYANA GURU COLLEGE OF ENGINEERING ,
KORAM , PAYYANUR , KANNUR DT .

Dear Sir ,

SUB: Quotation for Supply of Lab Equipments - Reg.

REF: Your Inquiry Dated :- 22/08/2022.

We thank you very much for the above reference; we are pleased to submit our lowest offer for your present requirements in the following labs.

Hope you will find our offer most competitive and looking forward to receive a positive reply and your valuable purchase orders at the earliest

If you require any further details, technical/otherwise please do feel free to contact us.

Thanking you and assuring you the closest co-operation at all times.

Terms Conditions:

- | | |
|--------------|---|
| 1. Price | : Ex Works |
| 2. Validity | : 60 days from the date of quotation. |
| 3. Sales Tax | : GST 18% Extra. |
| 5. Payment | : 75 % Advance 25% Payment at the time of Delivery. |
| 6. Delivery | : 20 days |
| 7. Warranty | : 12 months against manufacturing defects |
| 8. Transport | : Extra |

GLOBAL ENGINEERING EQUIPMENTS



Authorized Signatory



Ministry of MSME, Govt. of India



AN ISO 9001:2015 CERTIFIED COMPANY



GSTIN : 33FIEPP2020L1ZE | I/E-Code : FIEPP2020L1ZE

No. 31, Ranga Lay-out, Kavundampalayam, Coimbatore-641 030.

Ph : 79077 54310 | Email : globalengineeringequipment@gmail.com

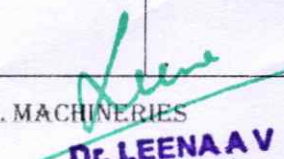
Web : www.globalengineeringtools.com

MANUFACTURERS AND SUPPLIERS OF SCIENTIFIC LAB EQUIPMENT & INDUSTRIAL MACHINERIES

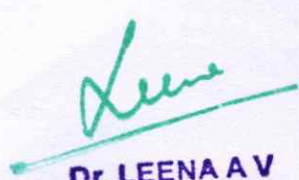
Leena A V
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

Sl. No	Description	Qty.	Model No.	Unit Price in Rs.
1.	<u>Hydraulic Control Station with Accessories:</u> <u>Specification:</u> ➤ 4/2 Way Hand Lever Valve ➤ 4/3 Way Hand Lever Valve With bypass position combined Block & Valve ➤ Pressure Relief Valve(Direct acting) ➤ Pressure Sequence Valve (Direct Acting) ➤ Pressure Reducing Valve (Direct Acting) ➤ One Way Flow Control Valve ➤ Non-Return Valve- De Lockable ➤ Double Acting Cylinder (40/18/150) ➤ Non Return Valve ➤ Single Acting Cylinder (Spring Return40/18/150) ➤ Pressure Gauge ➤ Hoses 900mm ➤ Hoses 1200mm ➤ Hoses 1500mm ➤ Shuttle Valve ➤ Hydraulic Power Pack ➤ Quick Release Coupling 1Set	1 No.	HTT-23	1,05,000
2.	3D PRINTER FDM Printing Size 300 mm x300 mm without PC	1 No.	3D -P1	147800
3.	Electro Pneumatic Trainer Kit with Air Compressor <u>Specification:</u>	1 No.	GEPT-01	70000.00

MANUFACTURERS AND SUPPLIERS OF SCIENTIFIC LAB EQUIPMENT & INDUSTRIAL MACHINERIES


Dr. LEENA A V
 PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
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 PAYYANUR, KANNUR

	➤ Filter Regulator + Lubricator ➤ Gauge Assay ➤ Hand Slide Valve ➤ 6 way Push in connector ➤ Flow control Valve ➤ 5/2 way Double solenoid Valve ➤ 5/2 way Single solenoid Valve ➤ 3/2 way Single Solenoid Valve ➤ Single Acting Cylinder ➤ Double Acting Cylinder ➤ Magnet Read Switch ➤ Silencer ➤ QS Plug ➤ Push in fitting ➤ Electrical SPDT Switch ➤ 24Vdc 2Ams Power Supply ➤ Electro Pneumatic Work Book ➤ Plastic Tube ➤ Air Compressor ➤ PLC 8DI+4DO+CommCable+Software All the components are mounted in attractive power coated metal frame,			
4.	Transfer function study of DC servomotor:-DC servomotor speed torque characteristics to study Transfer function study of DC servomotor:-	1 No.	HTT-194	18500
5.	Transfer function study of AC servomotor: - Two phase AC servomotor speed – torque characteristics study unit to study Transfer function study of AC servomotor :	1 No.	HTT-195	16200
6	Free & Forced Vibration Apparatus	1 No	GEE -185	45000


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**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MEL204 MACHINE TOOLS LAB-I

Sl. No:	PARTICULARS	SPECIFICATION	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	Vernier Caliper	Mitutoyo 150mm	4 Nos	4800/piece	19200/-	July
2	MS Rod Φ 25 mm	Φ 25 mm	60kg	110/Kg	6100/-	July
3	MS Rod	Φ 32 mm	50Kg	110/Kg	5700/-	July
4	C I Blade	50x50x50mm	20 Nos(20Kg)	100/Kg	2000/-	July
5	C I Round Block	Φ 100x25mm	20 Nos(30Kg)	100/Kg	3000/-	July
6	Lubrication Oil	20W-40	5 Liters	300/liter	1500/-	July
7	Cotton Waste	ordinary	5 Kg	100/Kg	500/-	July
8	Micrometer	Mitutoyo 0.25mm	2 Nos	4000/piece	8000/-	December
9	Slip gauge bar	Mitutoyo 112 Pieces.	1 Nos	225926/set	225926/-	December
10	LVDT (repairing)			5000	5000/-	December
11	Profile Projector	Mitutoyo Profile Projector PJ-PLUS	1 Nos	188000/piece	188000/-	December
12	Planometer	Mitutoyo	1 Nos	15000/piece	15000	December
Total Cost					479926/-	

TOTAL AMOUNT [in words]: Rupees four lakh seventy four thousand nine hundred twenty six

Technical Staff In-charge: Mr. Dhanaraj K

Dated Signature:
01/06/22

Faculty In-charge: Arun Raj K

Dated Signature:
01/06/22

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PATTANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

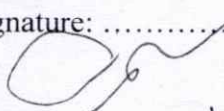
Name of Lab: MEL203 MATERIAL TESTING LAB

Sl. No:	PARTICULARS	SPECIFICATIONS	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	MS rod	6 mm diameter	One length	400 Rs per length	400/-	July
2		12 mm diameter	Two length	580 Rs per length	1160/-	July
3	Stopwatch		3	200/-	600/-	July
4	Stopwatch battery		3	15/-	45/-	July
5	Extensometer		1	25000/-	25000/-	July
6	Double shear		1	10000/-	10000/-	July
7	Dry cell		12	10/-	120/-	July
Total cost					14825/-	

TOTAL AMOUNT [in words]: Rupees fourteen thousand eight hundred and twenty five only.

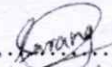
Technical Staff In-charge: Mr. Easwaran Namboothiri

Dated Signature:


1/6/22

Faculty In-charge: Mr. Sarang P

Dated Signature:


01/06/22


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: THERMAL ENGINEERING LAB -I

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	Diesel	40 Litre	100/-	4000/-	June
2	grease	2 Kg	140/-	280/-	June
3	Tachometer	5 Nos.	1500/-	7500/-	June
4	Stop Watch	5 Nos.	750/-	375/-	June
5	Diesel Filter	4 Nos.	80/-	320/-	June
6	Lube oil filter	3 Nos.	120/-	360/-	June
7	Dry cell battery for tachometer	24 Nos.	15/-	360/-	June
8	Button cell battery for stopwatch	10 Nos.	30/-	300/-	June
9	Repairing charges of petrol engine	1 No.	40000/-	40000/-	June
10	Petrol	20 Litre	110/-	2200/-	June
Total Cost				59070/-	

TOTAL AMOUNT [in words]: Fifty Nine Thousand and Seventy Rupees only.

Technical Staff In-charge: Mr.Easwaran Namboothiri

Faculty In-charge: Mr.DivyathejMV

Dated Signature:
11/11/22

Dated Signature:
11/11/22


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: THERMAL ENGINEERING LAB -II

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	Tachometer	5 Nos.	1500/-	7500/-	December
2	Stop Watch	5 Nos.	750/-	3750/-	December
3	Thermometer	3 Nos.	100/-	300/-	December
4	Mercury	100 gm.	1200/-	1200/-	December
5	Freon gas R-134A	2 Kg	500/-	1000/-	December
6	Pressure gauge	2 Nos.	1500/-	3000/-	December
7	Dry cell battery for tachometer	24 Nos.	15/-	360/-	December
8	Button cell battery for stopwatch	10 Nos.	30/-	300/-	December
9	Pyranometer	1 No.	5000/-	5000/-	December
Total Cost				22410/-	

TOTAL AMOUNT [in words]: Twenty Two Thousand Four Hundred and Ten Rupees only.

Technical Staff In-charge: Mr.Easwaran Namboothiri

Dated Signature:

[Signature]
11/11/22

Faculty In-charge: Mr.DivyathejMV

Dated Signature:

[Signature]
01/11/2022

[Signature]

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
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DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MEL411 MECHANICAL ENGINEERING LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	Pressure gauge	1	25000/-	25000/-	July
2	Stopwatch	4	200/-	800/-	July
3	Mercury	200 ml	1000 per 100 ml	2000/-	July
4	Tachometer	3	1500/-	4500/-	July
Total cost				32300/-	

TOTAL AMOUNT [in words]:Thirty two thousand three hundred only.

Technical Staff In-charge: Mr. Easwaran Namboothiri

Dated Signature:

[Signature]
1/6/22

Faculty In-charge: Mr. Sarang P

Dated Signature:

[Signature]
01/06/22.....

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PATTANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: COMPUTER AIDED DESIGN AND ANALYSIS LABORATORY

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [Rs]	TOTAL COST [Rs]	TARGET MONTH OF PURCHASE
1	Printer (Three in One, Ink tank type, A4 size)	1No.	15000/-	15000/-	June2022
2	A4 Paper (80 GSM)	2 Packets	300/-	600/-	June2022
Total cost				15600/-	

TOTAL AMOUNT [in words]: Rupees fifteen thousand six hundred only.

Technical Staff In-charge: Mr. Gangadharan

Dated Signature:

[Signature]
11/6/2022

Faculty In-charge: Mr. Jacob Thomas

Dated Signature:

[Signature]
11/6/2022

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MEL 202 FM AND HM LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Mercury	200 g	10000/kg	2000	July
2	Scale 1m	5 nos	250	1250	July
3	Apparatus painting	5 l	TBA	TBA	TBA
4	Repairing of student's tables	3 nos	3000	9000	July
5	Stopwatch	4 nos	2400	9600	July
6	Tachometer	2 nos	3000	6000	July
7	Batteries	24 nos	15	360	July

TOTAL AMOUNT [in words]: Rs 28210

Rupees Twenty eight thousand two hundred and ten only (Excluding painting cost)

Technical Staff In-charge: Mr. Gangadharan A

Faculty In-charge: Mr. Arjun Jayaprakash

[Signature]
11/6/2022
[Signature]
4/6/22

[Signature]

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: ESL120 BASIC MECHANICAL WORKSHOP

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Gauge 28 GI sheet	13 kg	116/kg	1508	July
2	MS Flat 30x60 mm	25 kg	73	1825	July
3	Ms Flat 50x6mm	25 kg	76/kg	1900	July
4	Welding rod 3.15 7018	1 packet (90 nos)	500/pack	500	July
5	Wooden reaper	50 m	70 per m	3500	July
6	Hacksaw blade	1 box (100 nos)	5 per blade	500	July

TOTAL AMOUNT [in words]: Rs 9733 .

Rupees Nine thousand seven hundred thirty three

Technical Staff In-charge: Mr. Dhanraj K

Faculty In-charge: Mr. Arjun Jayaprakash

Dated Signature:
01/06/22

Dated Signature:
1/6/22

DR. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY,

DEPARTMENT OF MECHANICAL ENGINEERING

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Sl. No:	Particulars	Quantity	Total cost [Rs]
1	Machine tools lab requirements	12 Items	479926/-
2	Material testing lab requirements	6 items	14825/-
3	Thermal engineering lab – I requirements	10 items	59070/-
4	Thermal engineering lab –II requirements	9 items	22410/-
5	Mechanical engineering lab requirements	4 items	32300/-
6	Computer aided design and analysis laboratory requirements	2 items	15600/-
7	FM and HM Lab requirements	7 Items	28210/-
8	Basic mechanical workshop requirement	6 Items	9733/-
Total cost			662074/-

TOTAL AMOUNT [in words]: Rupees Six Lakhs sixty two thousand seventy four only.

Lab Superintendent: Mr. Dhanaraj K

Dated Signature: ...

(Signature)
01/06/22

Head of the department: Mr. Rajeesh P

Dated Signature: ...

(Signature)
4/6/22

(Signature)
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY,
PAYYANUR

DEPARTMENT OF MECHANICAL ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MATERIAL TESTING LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	MS Rod	✓			✓		✓	✓			✓
2	Stop Watch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Extensometer		✓		✓		✓	✓	✓	✓	
4	Double shear		✓		✓	✓		✓	✓	✓	

For 
Faculty In-Charge:


Technical Staff in-Charge:


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY,
PAYYANUR

DEPARTMENT OF MECHANICAL ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MECHANICAL ENGINEERING LAB

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	3D Printer	✓	✓	✓	✓	✓	✓	✓		✓	✓
2	Pneumatic Trainer Kit		✓		✓	✓				✓	✓
3	Hydraulic Trainer Kit		✓		✓	✓				✓	✓
4	AC & DC Servo motor	✓	✓	✓		✓		✓	✓		✓
5	SCADA Software	✓	✓		✓	✓		✓		✓	

Faculty In-Charge:

Technical Staff in-Charge:

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY,
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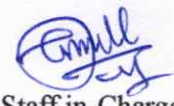
DEPARTMENT OF MECHANICAL ENGINEERING

UTILIZATION CHART FOR THE ACADEMIC YEAR 2022-'23

Name of Lab: MACHINE TOOLS LAB I

Sl. No:	PARTICULARS	UTILIZATION									
		JUN E	JUL Y	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	Vernier Caliper	✓		✓	✓	✓	✓		✓		✓
2	MS Rod (25mm)	✓	✓	✓		✓		✓		✓	
3	CI Blade	✓		✓	✓	✓		✓	✓		
4	CI Round Block	✓				✓			✓		
5	Micrometer	✓		✓		✓			✓		


Faculty In-Charge:


Technical Staff in-Charge:


Dr. LEENA A V
PRINCIPAL
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ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



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DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab : CYL 120- Engineering Chemistry Lab

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Potentiometer	2	17,000	34,000	September
2	Silver nitrate	2	4800	4800	September
3	Burette	5	700	3500	September
4	Distilled water	5L	90	450	September
5	Ph metre	2	13,000	26,000	September
6	Ammonia solution	1	200	200	September
7	Ethylene glycol	1	450	450	September
8	Ethanol	2	500	500	September

TOTAL AMOUNT[in words]: Sixty nine thousand nine hundred only

Technical Staff In-charge: Nimmitha Murali

Faculty In-charge: Nimmitha Murali

Dated Signature:

Nimmitha Murali
08/11/22

Dated Signature :

Leena A V
Dr. LEENA A V
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PAYYANUR, KANNUR

Nimmitha Murali
08/11/2022



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DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab : PHL120 ENGINEERING PHYSICS LAB

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Diffraction Grating	2	3500	7000	September
2	Magnifying lens	4	250	1000	September

TOTAL AMOUNT[in words]:Rupees Eight thousand only

Technical Staff In-charge: Bindiya M C

Faculty In-charge: Bindiya M C

Dated Signature:

Bindiya

Dated Signature :

Bindiya

Leena

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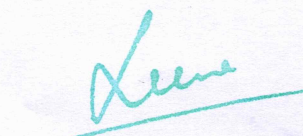
DEPARTMENT OF SCIENCE AND HUMANITIES

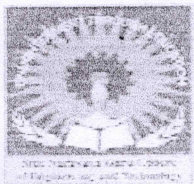
BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Sl. No:	PARTICULARS	TOTAL COST IN INR	TARGET MONTH OF PURCHASE
1	Engineering Physics Lab	8000	September 2022
2	Engineering Chemistry Lab	69900	September 2022

TOTAL AMOUNT[in words]:...Rupees seventy seven thousand nine hundred only


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DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2022-'23

Name of Lab : CYL 120- Engineering Chemistry Lab

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST [in INR]	TARGET MONTH OF PURCHASE
1	Ph 4 powder(capsules)	2	356	712	July
2	Ph 7 powder(capsules)	1	356	356	July
3	Ph 9 powder (capsules)	1	356	356	July
4	Distilled water	5L	62	310	July
5	Ammonium Purpurate (Murexide indicator)	1	401	401	July
6	Potassium Permanganate	100gm	200	200	July
7	Silver Nitrate	1	2516	2516	July

TOTAL AMOUNT[in words]: Four Thousand Eight Hundred Fifty One Only

Technical Staff In-charge: Nimmitha Murali

Faculty In-charge: Nimmitha Murali

Dated Signature:

Nimmitha Murali

Dated Signature :

Nimmitha Murali
Leena

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DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2021-'22

Name of Lab: ...CYL 120...Engineering Chemistry Lab.....

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Heating mantle	1	1100	1100	May2022
2	Silver nitrate	1	3883	3883	May2022
3	Burette	5	700	3500	May2022
4	Distilled water	5L	90	450	May2022

TOTAL AMOUNT[in words]:....Rupees Eight thousand nine hundred and Thirty three... only.....

Technical Staff In-charge: Nimmitha Murali

Dated Signature: *Nimmitha Murali*
H/05/22

Faculty In-charge: Nimmitha Murali

Dated Signature: *Nimmitha Murali*
H/05/22

Leena

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DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2021-'22

Name of Lab : PHL 120- Engineering Physics Lab

Sl. No:	PARTICULARS	QUANTITY	ESTIMATED COST PER UNIT [in INR]	TOTAL COST	TARGET MONTH OF PURCHASE
1	Diffraction grating	2	3500	7000	May 2022
2	Vernier microscope	1	7200	7200	May 2022
3	Solar Cell	1	7500	7500	May 2022

TOTAL AMOUNT[in words]: Twenty one thousand seven hundred only

Technical Staff In-charge: Bindiya M C

Faculty In-charge: Bindiya M C

Dated Signature:

Bindiya M C
4/5/2022

Dated Signature :

Bindiya M C
4/5/2022

Leena

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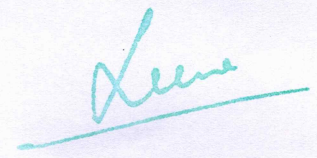
DEPARTMENT OF SCIENCE AND HUMANITIES

BUDGET PROPOSAL FOR THE ACADEMIC YEAR 2021-22

Sl. No:	PARTICULARS	TOTAL COST IN INR	TARGET MONTH OF PURCHASE
1	Engineering Physics Lab	21700	May
2	Engineering Chemistry Lab	8933	May

TOTAL AMOUNT[in words]:...Rupees Thirty thousand six hundred thirty three only


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