

( Approved by AICTE, Affiliated to MGU / APJ Abdul Kalam Technological University, NAAC Accredited & ISO Certified Institution )

**3.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

ACADEMIC YEAR: 2020-21

SL NO	NAME OF THE PROJECT	NAME OF AWARDDING AGENCY	NATURE OF AWARD	AMOUNT OF GRANT FOR RESEARCH	DATE(DD/MM/YYYY) & DURATION
1	Phase -2 construction of Mangalam Poly Technic College, Ettumanoor	Mangalam Educational Society	Non Government	.45 lakhs	10/5/2020(3 Months)
2	Extension work at Yoginimatha High School at Kollengode, Palakkad	BrahmanandaSwamyS ivayogi Education Society	Non Government	0.25 lakhs	11/3/2021 (4 Months)
3	Minor Projects-Seed Grant for Mini Colloquium	IEEE	non-government	1,89,375	18/04/2020
4	AICTE for international conference 5NANO2021	AICTE for international conference 5NANO2021	government	350000	25/02/2021 (3 months)
5	Energy Audit	Mangalam Eucational Institutions	Grant	0.5	07-02-2020
6	Energy Audit	Mangalam Publishers Pvt Ltd	Grant	0.5	01-01-2021
8	Best outgoing student	JCI	Development for the Students	9500	2-9-2020
9	Fellow of Accademic Excellence	Rotary Club of Kottayam East	Development for the Students	7500	02-09-2020
10	APJAKTU-Emergency Ventilator challenge	CERD&APJAKTU Covid 19 Cell	Fund for Product Development	10,000	01/04/2020 to 07/01/2020(9 Months)
11	Portable Mechanical Ventilator	IEEE	Fund for Product Development(Co-Supervisor)	350000	30/06/2020
12	MODROB- Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)"	AICTE	Government	1260429	20/10/2021 & 1yr
13	MODROB- Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)	NETALLA INNOVATIONS PRIVATE LIMITED	Non Government	394946	06/01/2021 & 1year
14	Online Examintaion Center	TCS ion	Non Government	639716	14/11/2021 & 1year
15	Fee Mangaer	Mangalam Educational Society	Non Government	150000	10/08/2020 & 4months

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# MANGALAM EDUCATIONAL SOCIETY

(Reg.No. K-523/2001)

Mangalam Campus

Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam,

Kerala- 686631, Ph: 0481- 2710120, +91 -481-2533722,

Fax: +91 481-2533700, Web: www.mangalam.ac.in

Email: info@mangalam.in

Registered under Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act of 1955

10/05/2020

To,

Dr. Radhakrishnan R  
Professor  
Civil Engineering Department  
Mangalam College of Engineering,  
College Road, Mangalam Hills  
Vettimukal, P.O, Ettumanoor

Sub: Grant Approval Letter

Dear Sir,

We have received your request for a grant towards the '*Planning on Phase -2 construction of Mangalam Polytechnic College*

After careful consideration, it is our pleasure to inform you that the request has been granted. Enclosed is a cheque of Rs.45000 in favor of Civil Department.

Kindly Acknowledge receipt of the cheque and send a copy for our records.

Mangalam Educational Society is very committed to the support you are providing and therefore wish your Organization the best of luck and success.

Kind Regards,

Signatory Authority,

Mangalam Educational Society

Mangalam Hills, Vettimukkal, P.O.

Ettumanoor Kerala -686631



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⑈ 239040⑈ 886059002⑈ 999901⑈ 29



द्वि साक्षर इण्डियन बैंक लिमिटेड  
The South Indian Bank Limited  
Kochiyam - 686 001, Kerala  
IFSC: SIBL0000037

Valid for three months only.

1	0	0	5	2	0	2	0
D	D	M	M	Y	Y	Y	Y

Pay Dr. Radhakrishnan R

या धारक को or Bearer

₹ Forty Five Thousand only

अदा करें ₹ 45,000/-

Ac.No. 0037081000002619


Cheque No.: 01239041

FOR MANGALAM EDUCATIONAL SOCIETY

**CD-PREMIUM**

Authorised Representative  
Please sign above

AA0321 " Payable at all branches "

  
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## STATEMENT OF INCOME AND EXPENDITURE

### NAME OF THE PROJECT:


Planning of Phase -2 construction of of Mangalam Poly Technic College, Ettumanoor

### INCOME

Grants Received from Educational Society	45000
<b>TOTAL</b>	<b>45000</b>

### EXPENCES

Site visit and Survey	5000
Planning and detailed drawing ,	25000
Estimate Charges	13000
Transportation Charges	2000
<b>TOTAL</b>	<b>45000</b>

  
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Ettumanoor

**APPENDIX- A1**

[See rules 5(1)(b), 75(1), 87(1) and 93(1)]

**APPLICATION FOR PERMIT/REGULARISATION**

Ettumanoor Municipality , Kottayam

File No: 05312630121001380615 Electoral Ward : Registration No : 1380615

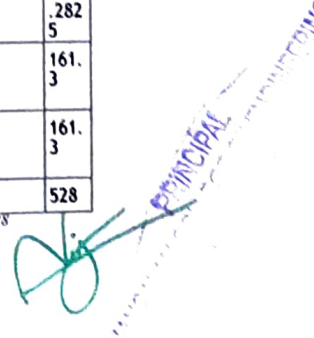
1.	Name in capital letters	MANGALAM EDUCATIONAL SOCIETY													
2.	Address:														
2(i).	Permanent address of the owner	0/, MANGALAM EDUCATIONAL INSTITUTIONS, ETTUMAHOOR, 686631													
2(ii).	To which communications are to be sent	MANGALAM EDUCATIONAL INSTITUTIONS, ETTUMAHOOR, Kottayam, India, Vettimukal-686631													
3.	Nature of development/Construction	Extension													
4	<b>Details of Plot</b>														
Sl No	(I)Survey No	(II)Resurvey No	(III)Extent In Ares	(IV)Nature Of Ownership	(v)Deed No.	(vi)Deed Date	(vii) Sub Registrar's Office	(viii) Sub Division							
1	368/12,368/14,368/15,369/8,370/3,370/4,370/6,370/7		908.93	Sale Deed	3247/00	21/09/2001	Kottayam	KOTTAYAM							
ix.	Ward No.	5													
x.	Authorised number of the nearest building	5/V/349 C													
xi.	Nearest Electric Post/Telecom Post number	E/EP/50/19/A24													
xii.	Taluk	Kottayam													
xiii.	Revenue Village	Ettumanoor													
xiv.	District	Kottayam													
5.	Whether the land, if any, contiguous to this plot of the owner shown in the site plan (Rule 6(4)(a)(i)): Yes /No	No													
6	<b>Usage of surrounding plots in general</b>														
6(i).	North	Residential plot with Corp/Muni/Panc road access													
6(ii).	East	Residential plot with Corp/Muni/Panc road access													
6(iii).	South	Residential plot with Corp/Muni/Panc road access													
6(iv).	West	Residential plot with Corp/Muni/Panc road access													
7.	Whether Government or Quasi Government	No													
8.	<b>Details of the Construction</b>														
Construction	Floor	AreaType	Residential	Special Residential	Educational	Medical/Hospital	Assembly	Office/Business	Mercantile/Commercial	Industrial G1	Industrial G2	Storage	Hazardous	Multiplex Complex	Total
1st Construction	Ground Floor	Existing Building Area			603.92										603.92
1st Construction	1st Floor	Existing Building Area			603.92										603.92
1st Construction	2nd Floor	Existing Building Area			603.92										603.92
1st Construction	Ground Floor	Existing Floor Area			603.92										603.92
1st Construction	1st Floor	Existing Floor Area			603.92										603.92
1st Construction	2nd Floor	Existing Floor Area			603.92										603.92
2nd Construction	Ground Floor	Existing Building Area			544										544

*(Handwritten Signature)*

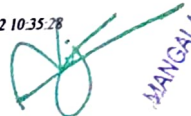
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2nd Constructi on	1st Floor	Existing Building Area		544																			544
2nd Constructi on	Ground Floor	Existing Floor Area		544																			544
2nd Constructi on	1st Floor	Existing Floor Area		544																			544
3rd Constructi on	Ground Floor	Existing Building Area		280.32																			280.32
3rd Constructi on	1st Floor	Existing Building Area		280.32																			280.32
3rd Constructi on	2nd Floor	Existing Building Area		280.32																			280.32
3rd Constructi on	Ground Floor	Existing Floor Area		280.32																			280.32
3rd Constructi on	1st Floor	Existing Floor Area		280.32																			280.32
3rd Constructi on	2nd Floor	Existing Floor Area		280.32																			280.32
4th Constructi on	Ground Floor	Existing Building Area	720																				720
4th Constructi on	1st Floor	Existing Building Area	720																				720
4th Constructi on	2nd Floor	Existing Building Area	720																				720
4th Constructi on	Ground Floor	Existing Floor Area	720																				720
4th Constructi on	1st Floor	Existing Floor Area	720																				720
4th Constructi on	2nd Floor	Existing Floor Area	720																				720
5th Constructi on	Ground Floor	Existing Building Area		352.6																			352.6
5th Constructi on	Ground Floor	Existing Floor Area		352.6																			352.6
6th Constructi on	Ground Floor	Existing Building Area		1608.2825																			1608.2825
6th Constructi on	1st Floor	Existing Building Area		1608.2825																			1608.2825
6th Constructi on	3rd Floor	Existing Building Area		1608.2825																			1608.2825
6th Constructi on	2nd Floor	Existing Building Area		1608.2825																			1608.2825
6th Constructi on	Ground Floor	Existing Floor Area		1608.2825																			1608.2825
6th Constructi on	1st Floor	Existing Floor Area		1608.2825																			1608.2825
6th Constructi on	3rd Floor	Existing Floor Area		1608.2825																			1608.2825
6th Constructi on	2nd Floor	Existing Floor Area		1608.2825																			1608.2825
7th Constructi on	Ground Floor	Existing Building Area		161.3																			161.3
7th Constructi on	Ground Floor	Existing Floor Area		161.3																			161.3
8th	Ground Floor	Existing		528																			528

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Constructi on		Building Area																			
8th Constructi on	Ground Floor	Existing Floor Area								528											528
9th Constructi on	Ground Floor	Existing Building Area								528											528
9th Constructi on	Ground Floor	Existing Floor Area								528											528
10th Constructi on	Ground Floor	Existing Building Area								348											348
10th Constructi on	Ground Floor	Existing Floor Area								348											348
11th Constructi on	Ground Floor	Existing Building Area								434											434
11th Constructi on	Ground Floor	Existing Floor Area								434											434
12th Constructi on	Ground Floor	Existing Building Area								427											427
12th Constructi on	1st Floor	Existing Building Area								427											427
12th Constructi on	Ground Floor	Existing Floor Area								427											427
12th Constructi on	1st Floor	Existing Floor Area								427											427
13th Constructi on	Ground Floor	Existing Building Area								941											941
13th Constructi on	Cellar Floor/Basement	Existing Building Area								1201											1201
13th Constructi on	Cellar Floor 4	Existing Building Area								941											941
13th Constructi on	Cellar Floor 3	Existing Building Area								941											941
13th Constructi on	Cellar Floor 2	Existing Building Area								941											941
13th Constructi on	Cellar Floor 1	Existing Building Area								941											941
14th Constructi on	Ground Floor	Existing Building Area								2652.33											2652.33
14th Constructi on	1st Floor	Existing Building Area								2652.33											2652.33
14th Constructi on	3rd Floor	Existing Building Area								2316											2316
14th Constructi on	2nd Floor	Existing Building Area								2652.33											2652.33
15th Constructi on	Ground Floor	Building Area								388											388
15th Constructi on	1st Floor	Building Area								388											388
15th Constructi on	2nd Floor	Building Area								388											388
15th Constructi on	Ground Floor	Floor Area								388											388
15th Constructi on	1st Floor	Floor Area								388											388



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15th Construction	2nd Floor	Floor Area	388							388
15th Construction	Ground Floor	Existing Building Area	422							422
15th Construction	1st Floor	Existing Building Area	422							422
15th Construction	2nd Floor	Existing Building Area	446.2							446.2

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8(i). Other Construction Details															
Srno	Construction	Whether Government or Quasi Govt	Access Width	Parking Unit	FSI Area in Sqm	Coverage Area in Sqm	Permit Fee Area in Sqm	Existing Building	Existing Area	Other Rule Description	Other Rule Comments	Special Condition	Wall Length	Number of Wall	Permit Fee
1	Extension	x	5	11	1811.76	603.92	0	✓	1811.76				0	0	0
2*	Extension	x	5	4	1088	544	0	✓	1088				0	0	0
3	Extension	x	5	3	840.96	280.32	0	✓	840.96				0	0	0
4	Extension	x	5	9	2160	720	0	✓	2160				0	0	0
6	Extension	x	5	28	6433.13	1608.28	0	✓	6433.13				0	0	0
7	Extension	x	5	1	161.3	161.3	0	✓	161.3				0	0	0
8	Extension	x	5	2	528	528	0	✓	528				0	0	0
9	Extension	x	5	2	528	528	0	✓	528				0	0	0
11	Extension	x	5	1	434	434	0	✓	434				0	0	0
15	Extension	x	5	14	1164	834.2	1164	x	1290.2				0	0	11640
5	Extension	x	5	2	352.6	352.6	0	✓	352.6				0	0	0
10	Extension	x	5	1	348	348	0	✓	348				0	0	0
12	Extension	x	5	4	854	427	0	✓	854				0	0	0
13	Extension	x	5	24	5906	941	0	✓	5906				0	0	0
14	Extension	x	5	30	10272.99	2652.33	0	✓	10272.99				0	0	0

8(ii). Height of Construction in Meters:

Construction	From ground level without stair room, machine room, etc.	From ground level with stair room, machine room, etc.	From Street level without stair room, machine room, etc	From Street level with stair room, machine room, etc
1st Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
2nd Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
3rd Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
4th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
5th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
6th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
7th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
8th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
9th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
10th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
11th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
12th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
13th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
14th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
15th Construction	3.5999990463257	3.5999990463257	3.5999990463257	3.5999990463257
8(iii). Total Built-up Area	34172.94			
8(iv). Total Covered Area	10962.95			

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8(v).	Total parking area provided inside the building(s)	0	
8(vi).	Total Area for F.S.I.	32882.74	
9.	<b>Basic KMBR Verification w.r.t. proposed plot</b>		
Sl.No.	Rule No.	Description	
		Provided	
1.		Access width to the plot	0
2.		Coverage in %	12.06
3.		Floor Space Index	0.36
10.	<b>Basic KMBR Verification w.r.t. proposed building(s)</b>		


Building Type: B Others for Construction 15.

No	Mandatory permissible type as per building rules	Required	Provided	Remarks of Verifier
1	(28) Access to the building (in metre)	<=5.00	5.00	
2	(23) Minimum distance from the abutting road/access to other building(s) (in metre)	<=3.60	5.00	
3	(29) No. of Four-wheeler parking	<=0.00	0.00	
4	(29) No. of Two-wheeler parking	<=0.00	0.00	
5	(29) No. of Parking for Differently abled	<=0.00	0.00	
6	(29) No. of Parking for Visitors	<=0.00	0.00	
7	(29) Loading/unloading space (in sqm)	0.00	NA	
8	(26) Set Backs (in m)	<=1.80	10.27	
9	(26) Front	<=0.60	23.56	
10	(26) Side 1	<=0.60	5.92	
11	(26) Side 2	<=1.00	5.00	
12	(26) Rear	<=0.00	0.00	
13	(37) Exit Width (in m)	<=0.00	0.00	
14	(35(1)) No. of Stair case(s)	<=0.00	0.00	
15	(35(2)) No. of Fire Escape Stair case(s)	25.00	YES	
16	(76(2)3) Rainwater storage capacity (in litre)	0.00	NA	
17	(62) SURRENDERED FOR ROADS	0.00	NA	
18	(72) SPECIAL PROVISIONS	0.00	NA	
19	(77) Solar Assisted Water Heater/Lighting System	0.00	NA	

11.	<b>Provisions of Town Planning Schemes, if any, applicable to the construction</b>						
11(i). Zoning							
Sl.No.	Name of the TP Scheme	Stage(Sanctioned/Published)	Zone	Permissibility of proposed construction as per the scheme			
11(ii). Road Widening							
Sl.No.	Name of the TP Scheme	Stage(Sanctioned/Published)	Existing Width of road (in m)	Proposed Width of road (in m)	Building Line (in m)	Set Back Required from Existing road boundary (in m)	Set back provided (in m)
12.	Permissibility with respect to Kerala Conservation of Paddy Land and Wet and Act 2008 / KLU order 1967		NA				
12(i).	Type of land as per BTR						
12(ii).	Type of land as per Data Bank						
13.	If the application is for regularisation						
13(i).	Whether construction completed or not						
13(ii).	If not completed, the stage of construction						
14.	Details of permit/approved plan already obtained.						
	Permit No.						
	Permit Date						

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15.	<b>Details of Fee paid</b>	<b>Application fee</b>	<b>Layout scrutiny fee</b>
15(i)	Amount	0	2328
15(ii)	No. and date of receipt	,	
16.	<b>Details of documents, plans, certificate, etc. enclosed</b>		
	1. Ownership 2. Land Tax Receipt 3. Site Plan 4. Location Plan 5. Building/Development Plan		
17.	<b>Details of NOC obtained</b>		
Sl.No.	Required	Whether enclosed or not	Details of the NOC / Clearances

  
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**BRAHMANANDA SWAMI SIVAYOGI EDUCATIONAL TRUST**

(Reg No NGO Darpan KI/2018/1204291) Registrar of Societies. 118/1984

Alathur P O, Palakkad 678541

Ref: Cew/1/BSS/2021

Date: 11/03/2021

To,

Dr. Radhakrishnan R

Professor

Department of Civil Engineering

Mangalam College of Engineering

Ettumanoor

Sub: Civil Engineering consultancy – Work Order.

Sir,

Brahmananda Swami Sivayogi Educational Trust, Alathur is happy to entrust you and Department of Civil Engineering, Mangalam College of Engineering the Civil Engineering consultancy (Planning, Supervision of execution and Maintenance work of existing structures). Your professional fees for the services will be paid within one week on submitting the bill.

The following works are to be done immediately:-

1. Planning and execution of Second floor of Yoginimatha High School at Kollengode.
2. Maintenance and rearrangement of class rooms and staff room of BSS educational Society at Alathur.

  
Secretary

  
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Ettumanoor

**BRAHMANANDA SWAMI SIVAYOGI EDUCATIONAL TRUST**

(Reg No NGO Darpan KI/2018/1204291) Registrar of Societies. 118/1984

Alathur P O, Palakkad 678541

Ref: Cew/2/BSS/2021

Date: 05/07/2021

To,

Dr. Radhakrishnan R

Professor

Department of Civil Engineering

Mangalam College of Engineering

Ettumanoor

Sub: Civil Engineering consultancy – Your Bill dated 29/06/2021


Sir,

The board of BSS is pleased to pass your bill of amount Rs. 25,000/- (Rupees Twenty Five Thousand Only) for part payment for the Engineering services provided.

Please find the amount enclosed herewith.

You are requested to send a receipt for the same.

  
Secretary

  
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**Dr. R. RADHAKRISHNAN M.E, PhD, MBA**

Chartered & Registered Engineer  
Property Valuator, AM 085348-4  
C1/25467/2000/420EA  
Mob: 9447137363

Kautilya (1st), Vithaladhinagar Lane  
Ettumanoor, Kottayam Dist.  
Phone/Mob: 9447137363, 9481-2527363.  
E-mail: radhakrishnan787@gmail.com

**RECEIPT**

I acknowledge with thanks the receipt of Rs. 25,000/- (Rupees Twenty Five Thousand Only) in cash towards the part payment of Civil Engineering Consultancy work rendered for the projects Planning and execution of Second floor of Yojinimathra High School at Kollengode and Maintenance and rearrangement of class rooms and staff room of BSS educational Society at Alathur.

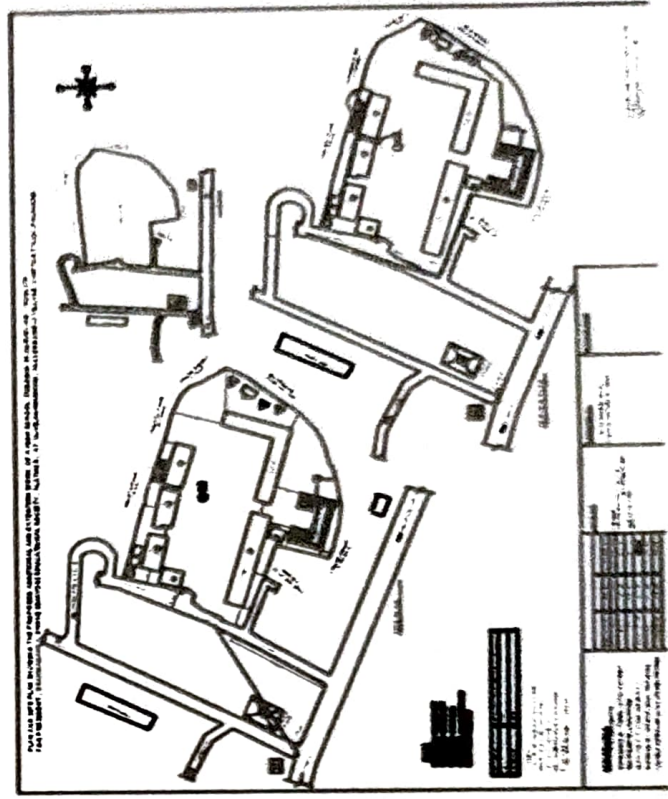
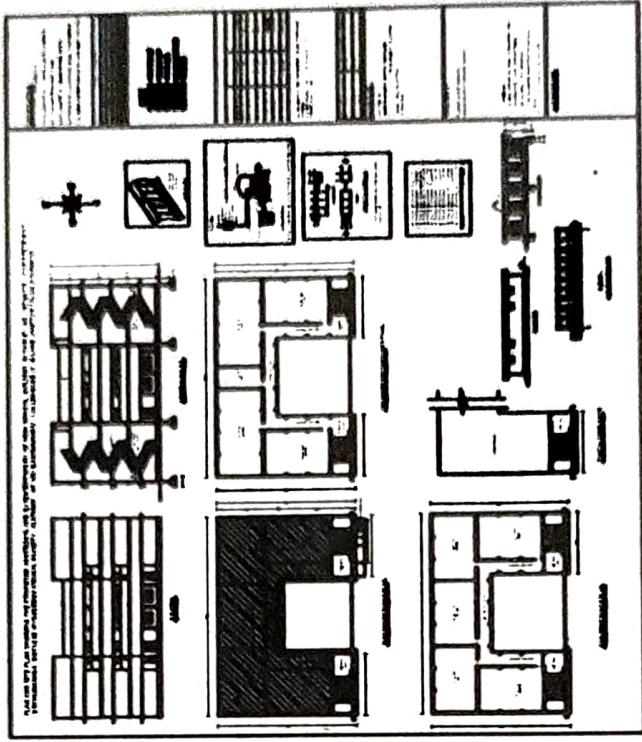
Date: 07/07/2021

Ettumanoor

  
Dr. Radhakrishnan. R.

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# PROPOSED PLAN





## STATEMENT OF INCOME AND EXPENDITURE

### NAME OF THE PROJECT:

**Planning of Extension work at Yoginimatha High School at Kollengode, Palakkad**

### INCOME

Grants Received from Brahmananda Swamy Sivayogi Education Society	25000
<b>TOTAL</b>	<b>25000</b>

### EXPENCES

Site visit and Survey	6000
Planning and drawing	10500
Estimate charge	4500
Transportation Charges	4000
<b>TOTAL</b>	<b>25000</b>



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Ettumanoor



Amal R &lt;amal.r@mangalam.in&gt;

## HAC & SIGHT Call for COVID-19 Proposals: Funding Decision (#20-COV-96)

6 messages

Betsy Toland &lt;b.toland@ieee.org&gt;

Fri, Jun 26, 2020 at 4:59 AM

To: "Dr. T D Subash" &lt;tdsubash2007@gmail.com&gt;

Cc: "Dr. Nidhish Nidhiry" &lt;amal.r@mangalam.in&gt;, hac-projects &lt;hac-projects@ieee.org&gt;, Sarada Jayakrishnan &lt;saradajk@gmail.com&gt;, "Sunitha Beevi.K" &lt;sunithakhan@ieee.org&gt;

Dear Dr. T D Subash,

Thank you very much for your recent proposal "**Portable Mechanical Ventilator (10 Units)**" (20-COV-96) in response to the IEEE HAC & SIGHT Special Call for Project Proposals.

The HAC & SIGHT Review Committee would like to provide support for this project and is pleased to award funding in the amount of US \$5,000.00. This amount must be used to fund the project as per the budgeted amount submitted with your proposal. HAC funds may only be used to support the construction of the device prototype. Funds may not be used for tests on people or mass production and deployment. Medical device manufacturing and deployment are highly regulated fields and require partnership with and approval by relevant national/federal, state, and/or local authorities.

Please note the [Message from IEEE on coronavirus COVID-19](#), particularly "We request that all members avoid conducting in-person activities in areas impacted by the coronavirus threat and instead maximize the use of our online and virtual alternatives."

As an added benefit of being an HAC/SIGHT COVID funded project, you will be part of a Community of Practice (CoP) for projects within a related subject area. In your case, you will be part of the Medical Devices CoP. The aims for the CoP are to increase information sharing between related projects, thus speeding the learning curve, when possible; provide guidance and mentoring, when needed; develop and track common indicators; and collect lessons learned to enable future replication and scaling.

The HAC & SIGHT Review Committee requires that you clearly measure the project's progress and use of funding and provide brief updates every two weeks, ideally with photos or video for social media sharing, as well as a final report within 2 months of the project's completion.

Please confirm.

1. that you accept the terms of this offer
2. that the funds can be routed through the **IEEE Kerala Section** via their custody account - *if so, we request acknowledgement from the OU's Chair or Treasurer that the funds will be received from us to disburse for your project.*
3. start & end dates of your project with this funding, suggesting **8 July 2020 - 7 January 2021** to give time to transfer funds. Please advise if you prefer another date range (6 months is max allowed).

Upon receipt of this information, we can begin to initiate the necessary documents to proceed with this funding.

Congratulations!

HAC &amp; SIGHT Review Committee

---

### Betsy Toland

IEEE Corporate Development, Admin  
 supporting **IEEE HAC, SIGHT, IEC, & AHCA**  
 445 Hoes Lane, Piscataway, NJ, USA 08854-4141  
 Office: +1 732-562-5493  
 b.toland@ieee.org  
 IEEE -- Advancing Technology for Humanity

tdsubash &lt;tdsubash2007@gmail.com&gt;

Fri, Jun 26, 2020 at 5:19 PM

To: Betsy Toland &lt;b.toland@ieee.org&gt;

Cc: "Dr. Nidhish Nidhiry" &lt;amal.r@mangalam.in&gt;, hac-projects &lt;hac-projects@ieee.org&gt;, Sarada Jayakrishnan &lt;saradajk@gmail.com&gt;, "Sunitha Beevi.K" &lt;sunithakhan@ieee.org&gt;

Dear Madam,

Thank you very much for shortlisting our project for the fund of USD. 5,000. We accept all the terms and conditions of IEEE HAC & SIGHT. You can route the fund through IEEE Kerala Section. Herewith attached the

timeline for the Sanctioned Project. Once again thank you very much for the support rendered. Feel free to contact us for any queries

with regards,

**Dr.T.D.Subash M.E., Ph.D**

*Senior Member IEEE*

*Dean (Academic & Research)*

**Professor**

Department of Electrical and Electronics Engineering

Advisor, IEEE Photonics Society Student Chapter

**Mangalam College of Engineering**


Kottayam, Kerala, India

Contact No: +91 9486881397, +91 9447691397

www.mangalam.ac.in

*(Accredited by NAAC & ISO 9001:2015 Certified Institution)*

[Quoted text hidden]

 **Project Schedule.pdf**  
16K

**Betsy Toland** <b.toland@ieee.org>

Tue, Jun 30, 2020 at 3:23 AM

To: tdsbush <tdsbush2007@gmail.com>

Cc: "Dr. Nidhish Nidhiry" <amal.r@mangalam.in>, hac-projects <hac-projects@ieee.org>, Sarada Jayakrishnan <saradajk@gmail.com>, "Sunitha Beevi.K" <sunithakhan@ieee.org>

Dear Dr. Subash,

Thank you for confirmation of the terms provided in the award email for the Project "**Portable Mechanical Ventilator (10 Units)**" (20-COV-96) .

The next step is that I have produced the official award documents (some information gets confirmed via email and is then inserted into these docs) and will be forwarding them to you for electronic signature via DocuSign, so please be on the lookout for that message.

-- Note that as of this writing I will need to receive the acknowledgement and bank details from the Kerala Section Chair and/or Treasurer - I will need this tomorrow, 30-June, if at all possible due to it being the last day of the month and we only make transfers to India on a monthly basis.

Once signed award documents are received by this office, I can proceed with the submission of the transfer request. Please advise if you have any questions.

Thank you, and congratulations to you and the team!

Be well,

**Betsy Toland**

IEEE Corporate Development, Admin

supporting IEEE HAC, SIGHT, IEC, & AHCA


441 Hoes Lane, Piscataway, NJ, USA 08854-4141

Office: +1 732-562-5493

b.toland@ieee.org

IEEE - Advancing Technology for Humanity

[Quoted text hidden]

  
WANG-LAI-LEUNG  
ELECTRONIC SIGNATURE

**sunitha haris** <sunitha\_haris@yahoo.com>

Tue, Jun 30, 2020 at 4:56 AM

To: Betsy Toland <b.toland@ieee.org>, tdsbush <tdsbush2007@gmail.com>

Cc: "Dr. Nidhish Nidhiry" <amal.r@mangalam.in>, hac-projects <hac-projects@ieee.org>, Sarada Jayakrishnan <saradajk@gmail.com>, "Sunitha Beevi.K" <sunithakhan@ieee.org>

Dear Betsy

Thank you very much for considering positively this project for funding. Kerala section is ready to disburse the money through our account.  
The account details are

**Bank Name** : Indian Overseas Bank  
**Branch** : Thiruvananthapuram Main Branch  
**Address** : 25/1 & 2, YWCA Buildings, M G Road, Thiruvananthapuram,  
**PIN- 695001**  
**Swift Code** : IOBAINBB099  
**Account Name** : IEEE Kerala Section  
**Account No.** : 009901000014246  
**Branch Code** : 000099  
**IFS Code** : IOBA0000099  
**MICR Code** : 695020002

Have a nice day

Thanks and regards

Sunitha

Sent from Yahoo Mail for iPhone  
 [Quoted text hidden]

**Betsy Toland** <b.toland@ieee.org>

Tue, Jun 30, 2020 at 9:43 PM

To: sunitha haris <sunitha\_haris@yahoo.com>

Cc: tdsbush <tdsbush2007@gmail.com>, "Dr. Nidhish Nidhiry" <amal.r@mangalam.in>, hac-projects <hac-projects@ieee.org>, Sarada Jayakrishnan <saradajk@gmail.com>, "Sunitha Beevi.K" <sunithakhan@ieee.org>

Thank you very much, Sunitha!

**Betsy Toland**

IEEE Corporate Development, Admin  
 supporting IEEE HAC, SIGHT, IEC, & AHCA  
 445 Hoes Lane Piscataway, NJ, USA 08854-4141  
 Office: +1 732-562-5493  
 b.toland@ieee.org  
 IEEE -- Advancing Technology for Humanity

[Quoted text hidden]

**Betsy Toland** <b.toland@ieee.org>

Tue, Jun 30, 2020 at 9:46 PM

To: tdsbush <tdsbush2007@gmail.com>

Cc: "Dr. Nidhish Nidhiry" <amal.r@mangalam.in>, hac-projects <hac-projects@ieee.org>, Sarada Jayakrishnan <saradajk@gmail.com>, "Sunitha Beevi.K" <sunithakhan@ieee.org>

Thank you for signing the award documents so promptly. I can now proceed with the request for funds transfer to the **IEEE Kerala Section**, via the monthly transfer to GIEEE.

With everything being finalized, with regard to funding of this project, there remains just one more item of note:

As noted in Item 7 of the Addendum to Award Letter, we require that every participant in the Project sign the IEEE Release Form (attached). As the project leader, you will need to submit a copy of all signed documents with your final reporting **after** project completion. I am sending you this document now so you can collect the necessary signatures along the way, saving for submission with final reporting.

Please let us know if you have any questions. Congratulations once again and we wish you and the team great success

Kind regards,


----


**Betsy Toland**

IEEE Corporate Development, Admin  
supporting IEEE HAC, SIGHT, IEC, & AHCA  
445 Hoes Lane, Piscataway, NJ, USA 08854-4141  
Office: +1 732-562-5493  
b.toland@ieee.org  
IEEE -- Advancing Technology for Humanity

[Image placeholder]

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 **IEEE Release Form.docx**  
40K

  
MANGALAM COLLEGE OF ENGINEERING  
Ethimamoor

APJAKTU - Emergency Ventilator Challenge - Teams selected for funding (the teams are not listed in any order of ranking)

Sl. No.	Name of the student	Faculty Mentor	College
1	Dinakaran P S Swetha T S Athul Krishna sadanandan Abdul Sahad M S Joel Roy Salahudheen V M Vineeth Vincent William P	Dr. Minimol B.	Model Engineering College, Thrikkakkara
2	Ananda Krishnan U B Kiran Rajendran Subin K John Vithun Lal	Dr. Amal R.	Mangalam College of Engineering, Ettumanoor.
3	Muhammed Syedali N. Karthik S. Prakash Muhammad Salmun S. Anuvind A. Mohamed Shahid P. A	Dr. Shafi M. N.	TKM College of Engineering, Kollam.
4	Aswin Sudhan Athul Prasanth Febin J Nalappat	Dr. V. Sampath Kumar	Vimal Jyothi Engineering College, Chemperi.
5	Edwin S Pananthanam Vineeth K Clavin Rali Chris Shan	Dr. V.P. Devassia Dr. Rajesh Baby	St. Joseph's College of Engineering and Technology, Palai.

Dean Research, APJAKTU



*(Handwritten signature in blue ink)*

### STATEMENT OF EXPENDITURE

Total Project Cost: 133428 /-

Total Funding Received from CERD & APJAKTU Covid 19 Cell: 10000 /-

Date of Commencement of project: 01/04/2020

Date of completion of project: 07/01/2021

Statement of Expenditure

Sl. No.	ITEM	AMOUNT (INR)
1.	Metal Plate for Body	2500
2.	Gage Rod	4200
3.	Painting	5500
4.	Rubberised Wheel with Brake	2500
5.	Welding Rod	550
6.	Cutting Wheel	150
7.	Pressing	1500
8.	Nut & Bolt	100
9.	Cheek Nut	40
10.	SpO2 Sensor	8000
11.	Sensor Mechanical Body	15000
12.	ESP8266	1100
13.	Mega Pro 2560	5650
14.	Voltage Regulator VDC333	1000
15.	12 V Motor	7900
16.	Stainless Steel Body Pits	9000
17.	Stainless Steel Shafts & Connector	8800
18.	Stainless Steel	2350
19.	Cooling Fan	590
20.	SMPS	4900
21.	Ambu Bag	5500
22.	Display Unit	6500
23.	PCB	2150
24.	Miscellaneous	1800
25.	IP 4036 Module with Protection	41
26.	NEMA 23 Stepper Motor	1287
27.	Raspberry Pi 3.5 Inch Touch Screen	1287

  
MANGAL WCC, Bldg. C-1, ENO  
Eranankuppam

28	Raspberry PI 3B	2954
29	Stepper Motor Driver 8825	132
30	Flexible Shaft Coupling 5mm - 8 mm	154
31	Flat Cable 200mm M/M	88
32	Flat Cable 200mm M/F	88
33	16 mm Rotary Pots ER-1640B1	54
34	Raspberry PI Heat Sink Set	29
35	Water Pump Small 6V	386
36	ARDUINO NANO CH340	878
37	ULTRASONIC SENSOR SR04	386
38	SI FEEVE 2MM,20MM,3MM,4MM	106
39	FLAT CABLE L-200MM F/F	117
40	5V 1CHANNEL RELAY BOARD	316
41	DC BLOWER & DRIVER	26280
42	DUAL SWITCH KCD3	42
43	16*2 LCD GREEN JHD DISPLAY	98
44	I2C SERIAL TO PARALLEL LCD CONVERTER	75
45	MS 2220 MICRO SWITCH	67
46	STEPPER MOTOR DRIVER TB6600	784
<b>TOTAL</b>		<b>133428</b>

AMAL R



Name & Signature of Supervising Teacher



Name & Signature of Head of the Dept.



Name & Signature of Head of the Institution.









( Approved by AICTE, Affiliated to MGU / APJ Abdul Kalam Technological University, NAAC Accredited & ISO Certified Institution )

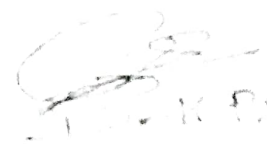
MEMCE/KTU/ACAD/2021/13

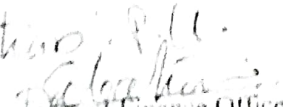
24.02.2021

**UTILIZATION CERTIFICATE**

It is certified that the total amount of Rs 10000/- (Ten Thousand Only) released by APJAKTU Covid 19 Cell and Centre for Engineering Research and Development(CERD) under APJAKTU towards the funding of "Portable Mechanical Ventilator" under "APJAKTU Emergency Ventilator Challenge" to Ananda Krishnan U B, Kiran Rajendran, Subin K John & Vithun Lal under the guidance of Assistant Professor Amal R, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam was fully utilized for the purpose for which it was sanctioned.

AMAL R   
Name & Signature of Supervising Teacher

  
Name & Signature of Head of the Dept

Sebastian P. H.  
  
Name & Signature of Finance Officer

  
Name & Signature of Head of the Institution.



From

Amal R  
Assistant Professor  
Department of ME

To

The Secretary  
Mangalam Educational Society

Sub: Request for sanction the grand for the development of a Portable Mechanical Ventilator.

Sir,

As part of the product development which is useful for the institution as well as community in the fight against Covid 19, our students Anandha Krishnan U B, Kiran Rajendran, Subin K John & Vithun Lalof ME2017-2021 batch is ready to develop a Portable Mechanical Ventilator. Expected budget is as follows.

Milestones	Description	Estimated Time	Estimated Budget
M1	Research & Development of the concept	60 Days	₹2000
M2	Purchase and Manufacturing of Parts	60 Days	₹8000
M3	Assembling	15 Days	-
M4	Testing	15 Days	-
M5	Calibration	30 Days	-
		Total	10000

I Request you to kindly grant the permission for the same.

Thanking You

Date: 01/04/20

Yours Faith fully

Amal R



MANGALAM COLLEGE OF ENGINEERING  
KOTTAYAM  
Kerala-686 631


Grant  
20-21

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (5)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years (5)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
MODROB- Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)"	AICTE	CSE	2021	1260429	1yr	AICTE	Government
MODROB- Center ofExcellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)	NETALLA INNOVATIONS PRIVATE LIMITED	CSE	2021	394946	1year	NETALLA INNOVATIONS PRIVATE LIMITED	Non Government
Online Examintaion Center	TCSion		2020	639716	1year	TCS ion	Non Government
Fee Mangaer	Ms. Divya S B	CSE	2020	150000	4months	Mangalam Educational Society	Non Government

  
HEAD OF DEPARTMENT  
Department of Computer Science & Engineering  
Mangalam College of Engineering  
Ettumanoor 686 634

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 831

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

From

Divya S B  
Assistant Professor  
Department of CSE

To

The Principal

Mangalam College of Engg.


Sub: Request for sanction the grand for the development of the Admission promotion software  
Sir,

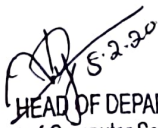
As part of the product development which is useful for the institution, our student Mr. Anandhakrishnan K R of CSE 2018-2022 is ready to develop a feedback software for the college . Expected budget is as follows .

Milestones	Description	Estimated Time	Estimated Budget
Survey	The detailed requirements	2 - 3 weeks	₹10,000
M1	Phase 1 (30% Completion)	15 Days	₹50,000*
M2	Phase 2 (70% Completion)	15 Days	₹30,000*
M3	Phase 3 (100% Completion)	15 Days	₹40,000*
M4	Completion and Handover	1 week	₹20,000*
		Total	150000

I Request you to kindly grant the permission for the same.

Thanking You

  
Date: 05/02/2020

  
HEAD OF DEPARTMENT  
Department of Computer Science & Engineering  
Mangalam College of Engineering  
Ettumanoor 686 631

Yours Faith fully

Divya S B  
  
5-2-20

PRINCIPAL  


## SOFTWARE PRODUCT -1 DESCRIPTION

**Product Name : MangalamCSE FeeManager Software**

**Developed By : Ananthkrishnan K R , Department of CSE , Student 2018-2022 Batch**

**Guide : Ms.Divya S B ,Asst.Prof CSE**

### Abstarct :

Fee Manager Android application students help the faculties to calculate the total fees paid by the students. This software provides fee collection status of the department to the HOD and principal.

This project has three kinds of users HoD,Principal & teachers . The class in charges can enter the fees paid by their students along with fee receipt. The class teachers can also view the total fees paid by their class by giving the time period. The HOD of the corresponding department can view the status of fees and Principal can view the fee status of the college.

### Merits

- Time consuming: Fee Manager app provide the fee collection status in an easy and quick way.
- Accuracy: More accurate result will be generated as it is system generated.
- Easy to use:It is easy for the users to install this android application.

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Screenshot

2:30 PM

Signal Strength

← Add Fees

Add

Student  
Ganga P Chandran

Amount  
₹ 33500

Date  
20 Nov 2020

Details

Semester  
Current

Fee Type  
Tuition


Bank of Payments  
Axis Bank

+ Add Receipt

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Budget

Milestones	Description	Estimated Time	Estimated Budget
Survey	The detailed requirements	2 - 3 weeks	₹10,000
M1	Phase 1 (30% Completion)	15 Days	₹50,000*
M2	Phase 2 (70% Completion)	15 Days	₹30,000*
M3	Phase 3 (100% Completion)	15 Days	₹40,000*
M4	Completion and Handover	1 week	₹20,000*

  
HEAD OF DEPARTMENT  
Department of Computer Science & Engineering  
Mangalam College of Engineering  
Ettumanoor 686 631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**HDFC BANK**

HDFC BANK LTD. GROUND FLOOR, MADATHIPARAMBIL BUILDING,  
1B JUNCTION, PIRAVOM, ERNAKULAM-686664, KERALA

RTGS / NEFT IFSC : HDFC0009586

1 0 0 8 2 0 2 0  
D D M M Y Y Y Y  
Valid for 3 months only

Pay to the order of Ms. Divya SB

Or Bearer  
या धारक को

Rupees One Lakh Fifty Thousand Only.

₹ 150000/-

अदा करें

50200064539760

GA RETAIL BUSINESS

For MANGALAM EDUCATIONAL SOCIETY

Authorized Signatories  
Please sign above / कृपया यहाँ हस्ताक्षर करें

⑈000321⑈ 6862407321: 001853⑈ 29

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ttumanoor



All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



MODROB ASPIRATIONAL - Sanction Letter

Date: 07.03.2022

F.No.9-35/IDC/MOD- ASP/Policy-1/2021-22

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of Rs.1008343/- (Rupees Ten lakh Eight Thousand Three Hundred Forty Three Only) being the 1<sup>st</sup> installment Grant-in-Aid under the scheme (MODROB- ASP) for the year 2021-2022 payable during the current financial year 2021-2022- reg.

Sir/ Madam,


With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs.1260429/- (Rupees Twelve lakh Sixty Thousand Four Hundred Twenty Nine Only) as sanctioned Grant-in-Aid under the Modernization and Removal of Obsolescence Aspirational (MODROB- ASP) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, MANGALAM COLLEGE OF ENGINEERING, MANGALAM HILLS VETTIMUKAL .P.O ETTUMANOOR, Kerala		
2.	Title of Project:	Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)		
3.	Name of Coordinator:	VINODH VIJAYAN		
4.	Duration of the project:	2 years		
5.	Total Project Cost:	Rs.1655375/-		
6.	Contribution from AICTE, Industry & Institute:	AICTE Rs.1260429/-	Industry Rs.394946/-	Institute Rs.0/-
7.	Total Sanctioned Grant-in-aid from AICTE:	Non-Recurring(85%): Rs.1071365/-	Recurring (15%): Rs.189064/-	TOTAL Rs.1260429/-
8.	Amount to be released during the year 2021-22:	Non-Recurring(85%): Rs.857092/-	Recurring (15%): Rs.151251/-	TOTAL Rs.1008343/-
9.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

The contributions from industry and institute (as mentioned in the row 6 of Table above) must reflect in the Receipt & Expenditure Statement in respect of this project, failing which AICTE may not consider proposals under the Scheme in future.

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS/ PFMS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as

F. No. 9-35/IDC/MOD-ASP/Policy-1/2021-22

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

already communicated, and also being communicated in this letter.

**The instructions/guidelines to be followed by University/Institution**

**I. Release of funds**

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute Pan No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	Ifsc Code
AABTM117 OG	AXIS BANK	Ettumanoor	6551 Ettumanoor Bypass Road Kovilpadam Road Ettumanoor P O Kottayam Kerala Pincode 686631, Ettumanoor - Kerala	Mangalam College of Engineering	Saving Account	918010071510562	UTIB0003213

In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid in the guidelines of the scheme.
- c. 80% grant of the sanctioned amount is being released to institution as first installment followed by 20% as reimbursement after Utilization Certificate (UC) and other requisite documents as specified in terms & conditions of MODROB scheme.

**II. Maintenance of accounts**

- a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.
- c. The University/ College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/ Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant and if the Institution/ University does not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

**III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi**

- a. If the college/ institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- b. If project is not started within six months of the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in

time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

- d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

#### IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
  - (i) Principal/Director/Registrar of the Institution(Chairperson)
  - (ii) Two HODs and one subject expert(Members).
  - (iii) Coordinator of the project (Secretary),

The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment/ items purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

#### V. General instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

E. No. 9-35/IDC/MOD-ASP/Policy-1/2021-22



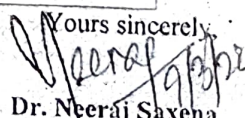
PRINCIPAL

ENGINEERING

- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- d. The College/ Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/ Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. When the institute ceases to function, it shall take action with respect to equipment/ items procured through AICTE grants as follows:
- i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed under which the equipment has been procured.
  - ii. The equipment/ items in unserviceable condition are to be disposed off by the institute as per the Government of India rules and the sale proceeds if any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
  - iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
    - Institute under the same society/ trust/ management.
    - Nearby AICTE approved Government (Degree/ Diploma) institute/ College.
  - iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
  - v. AICTE shall be intimated regarding handover/ takeover of the equipment/ items.
- g. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017>) should be followed during utilization of grant.
- h. The department/ institute is expected to utilize these equipment/ items alongwith others in offering student internship also by registering on the AICTE Internship Portal (@<https://internship.aicte-india.org>). The internships can be offered to students of other institutions also.
- i. As mentioned in the scheme document, the institute must register in I-STEM (Indian Science, Technology & Engineering Facilities Map) (@<https://www.istem.gov.in>).

**List of Equipment/ Items approved:**

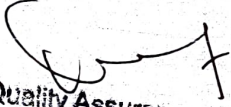
List of Equipment/ Items
Petals Wireless Integration bundle
Belkin N150 wireless router
Petals ResearchKitD ev - Tools 1.Petals AI & ML - IoT 1.0 2.Petals DABD - IoT 1.0 Unlimited Users
Petals AI & ML - IoT Researchkit
Petals AI & ML - IoT Tech pack
Petals HMI Touch1651
Petals MYO AI & ML-IoT. Automation suite - 3 kits

Yours sincerely,  
  
 Dr. Neeraj Saxena  
 Advisor - I (IDC)

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,  
**VINODH VIJAYAN**  
 MANGALAM COLLEGE OF ENGINEERING,  
 MANGALAM HILLS VETTIMUKAL .P.O ETTUMANOOR

2. The Registrar/ Director/ Principal,  
Dr. MANOJ GEORGE  
MANGALAM COLLEGE OF ENGINEERING,  
MANGALAM HILLS VETTIMUKAL .P.O ETTUMANOOR
3. Guard File

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

F. No. 9-35/IDC/MOD-ASP/Policy-1/2021-22

( Approved by AICTE, Affiliated to MGU / APJ Abdul Kalam Technological University, NAAC Accredited & ISO Certified Institution )

To  
**M/s MODROB TEAM,**  
**Institute Development Cell**  
**All India Council for Technical Education**  
**New Delhi**

Sir

Sub: AQIS Application - Mapped bank account details -forwarding -reg  
Ref: Our AQIS Application ID 1-9346509781

As per the subject refereed above I am forwarding herewith the mapped account number details for the AQIS application for MODROB scheme in our institution by faculty member/Project coordinator Dr. Vinodh P Vijayan ( Faculty id- 1-1431019398)

#### Account Details


**Bank Name** : AXIS Bank  
**Account Number** : 918010071510562  
**Account Name** : Mangalam College of Engineering  
**Bank Branch** : Ettumanoor  
**IFSC** : UTIB0003213

Thanking You,

  
PRINCIPAL

11-01-2022.



  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

Mangalam Campus  
Mangalam Hills, Vettimukal P.O  
Ettumanoor, Kottayam  
Kerala-686631



**MANGALAM**  
**COLLEGE OF ENGINEERING**  
Inspire | Imbibe | Innovate

Ph :+91-481-2710120, +91-481-2537053  
+91-481-2533711, Fax: +91-481-2533700  
Web : www.mangalam.ac.in  
E-mail : info@mangalam.in

( Approved by AICTE, Affiliated to MGU / APJ Abdul Kalam Technological University, NAAC Accredited & ISO Certified Institution )

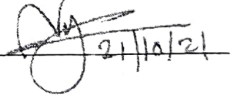
21/10/2021

## UNDERTAKING

I, Dr. Vinodh P Vijayanof Mangalam College of Engineering, Kerala (Permanent ID:1-14189514) hereby confirm that our institute has never been sanctioned any MODROB project in the past and was eligible to apply under MODROB (Aspirational Institutions) variant for AQIS 2021-22. If this affirmation comes out to be false, a punitive action can be initiated by AICTE.




Signature: \_\_\_\_\_

 21/10/21

Name & Designation: Dr. Vinodh P Vijayan, Principal

Name of the Institution & Address: Mangalam College of Engineering  
Mangalam Campus  
Ettumanoor, Kottayam, Kerala-686631

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631



Vinodh P Vijayan <vinodh.pvijayan@mangalam.in>

**Undertaking for MODROB (Aspirational Institutes) variant reg.**

2 messages

Wed, Oct 20, 2021 at 3:11 PM

**Modernisation and Removal of Obsolescence Act** <modrobidc@aicte-india.org>

R: To: modrobidc@aicte-india.org  
T: .ncipal <principal@mangalam.in>  
C: odh Pvijayan <vinodh.pvijayan@mangalam.in>

F.No.9-1A/IDC/MODROB- ASP/Policy-1//2021-22  
Dated 20.10.2021

To,

**The Registrar/ Director/ Principal,  
MANGALAM COLLEGE OF ENGINEERING**

Sir/Madam,

With reference to the proposal submitted by your institute under MODROB (Aspirational Institutions) variant, this is to convey that your project entitled "Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)" has been sanctioned by the Council.

It is pertinent to mention that MODROB (Aspirational Institutions) variant is meant only for the institutes which have never been sanctioned/ received any MODROB project in the past.


In this regard, you are requested to submit an undertaking (Proforma attached) clearly stating that the institute has never been sanctioned/ received any MODROB project in the past. Funds will be released after receiving the said undertaking from you.

Kindly note that in case, the declaration is detected to be false anytime in future, a punitive action will be initiated against the institution.

Therefore, you are requested to submit the undertaking by 31.10.2021, failing which, the sanctioned project will be canceled and no further communication will be entertained in this regard.

Yours Sincerely,

**Thanks and Regards,  
MODROB TEAM,  
Institute Development Cell  
All India Council for Technical Education  
New Delhi**

  
**Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631**

**PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor**



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UNDERTAKING.docx  
13K

Principal MLMCE <principal@mangalam.in>  
modrob@icrle-india.org  
Vinodh P Vijayan <vinodh.pvijayan@mangalam.in>

Thu, Oct 21, 2021 at 3:00 PM

Dear Madam,  
As instructed by you, the signed undertaking from Mangalam College of Engineering, Ettumanoor, Kerala is attached.  
We have also send the hardcopy through speed post.  
Thanking you,  
Yours faithfully  
Greetings,

Dr. Vinodh P Vijayan Ph.D | PRINCIPAL

 **MANGALAM**  
COLLEGE OF ENGINEERING

Vettimukal P. O. Mangalam Hills  
Ettumanoor, Kottayam-686631

Email: principal@mangalam.in  
vinodh.pvijayan@mangalam.in  
vinodhpvijayan81@gmail.com

Ph: +91 9961687007

Website: [www.mangalam.ac.in](http://www.mangalam.ac.in)

Tel: 0481-2533711, 2533722, 2537063



[Quoted text hidden]

MODROB\_undertaking\_MLMCE.pdf  
521K

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam - 686631

# Netalla

Innovations Private Limited

Proposal for  
Center of Excellence (CoE) In

Artificial Intelligence (AI) and  
Machine Learning (ML) integrated  
Internet of Things (IoT)

Submitted to



**MANGALAM**  
COLLEGE OF ENGINEERING  
Inspire | Imbibe | Innovate

**Mangalam College of Engineering**

College Road, Mangalam Hills, Vettimukal, Ettumanoor, Kerala 686631

Netalla Innovations Pvt. Ltd.,

#46/4, Novel Tech Park, GB Palya, Hosur Road, Bangalore - 560 068  
pradeep.m@netalla.com | www.netalla.com

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

6<sup>th</sup> January 2021

To,

**The Principal**  
**Mangalam College of Engineering**  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

**Subject:** Proposal for establishing Centre of Excellence in Artificial Intelligence(AI) and Machine Learning (ML) Integrated Internet of Things (IoT) by Netalla Innovations Private Limited

Respected Sir/Madam,

Greetings from Netalla Innovations Pvt. Ltd.

Thank you for your interest shown in establishing the Center of Excellence in Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT) by Netalla Innovations Private Limited.

Internet of Things has a great potential in engineering branches, such as CSE, Artificial Intelligence, IT, Mechanical, ECE, EEE, Automobile, Aeronautical, Civil, Biomedical, Biotechnology, MCA, M.Tech.

We are very glad to introduce ourselves and submit our proposal for the same.

About Netalla Innovations Private Limited

**Netalla Innovations Private Limited** is a specialised technical consulting firm with more than eighteen years of experience in implementing Innovation Labs (IBM AI Labs, AR /VR Labs, Blue Prism RPA Labs, Cisco Labs etc.) in Educational and Research Institutions executing corporate training programs and system integration projects. Netalla specialises in executing networking infrastructure, IT infrastructure and system integration projects for leading Fortune 500 companies and educational institutions along with providing comprehensive training in Advanced Technologies including AR, VR, AI, ML, RPA, Cyber Security & forensics.

About Netalla CoE in AI & ML integrated IoT

This Netalla Centre of Excellence in Artificial Intelligence integrated Internet of Things is a medium created for the training and development of the students in this emerging technology. Here we enable the trainees to transform their innovative ideas in the field of Artificial intelligence integrated IoT to the desired product.

IoT is a technology with huge demands globally in all the business avenues such as Medicine, Manufacturing, Retail, Information Technology, Education, Automotive, Consumer Electronics, and Automations Etc

In Netalla CoE in AI & ML integrated IoT the trainees are provided with training and all essential hardwares, softwares, licenses, and **Petals AI & ML - IoT ResearchKit** along with the

**Netalla Innovations Pvt. Ltd.,**

#46/4, Novel Tech Park, GB Palya, Hosur Road, Bangalore – 560 068

pradeep.m@netalla.com | www.netalla.com

development tools for the transformation of vision to reality. For the initial insight of these technology we provide Product development Experiment Manual with different experiments that integrates various automated functions.

Using these technologies in Netalla - AI & ML integrated IoT CoE the students can create the prototype of any Award Winning Inventions .

And here using Petals MYO Automation suite we provide the products for three different automations such as Petals e-Home for homes, Petals e-Enterprise for enterprises and Petals e-institute for institutes in which the trainees can make real time functioning automations in their own campuses and get educated in this niche technology.

## Key objectives of Netalla – CoE For AI & ML integrated IoT CoE

The Center of Excellence in Artificial Intelligence Integrated Internet of Things highlights the growth & development of Artificial Intelligence integrated Internet of things solutions for achieving the digital transformation and enables the institute to:

- To enables trainees to build Industry capable solutions and Innovations and build a entrepreneurial ecosystem In the field of IoT
- Petals AI & ML - IoT Researchkit is can make various experiments in a single kit thereby gaining more practice and expertise.
- Ease of integration of IoT Curriculum to existing flow of academic operations.
- Transformation of ideas to developed products.
- Easy Prototyping of industrial solutions with the use of the Infrastructure provided in our labs
- To build future ready solutions for International presentations, Corporate presentations and patent submissions.

Also, Mangalam College of Engineering can also function as an AI & ML - IoT Nodal” centre with the following benefits:

- AI & ML integrated IoT Innovation lab with Hardware and software tools with licenses can be utilised for development and research projects.
- Recognition of being one of the top National Academies for Artificial Intelligence and Machine Learning integrated Internet of Things Lab.
- Essential curriculum and resource kits to provide comprehensive training, and industry readiness for students and support to apply for research funds.
- Scalable infrastructure to extend training to corporates and professionals from other industries
- Up to 5 years assured training support from Netalla that will help empower your faculty, reach scholars and students in AI & ML integrated IoT development across verticals

---

**Netalla Innovations Pvt. Ltd.,**

#46/4, Novel Tech Park, GB Palya, Hosur Road, Bangalore – 560 068

pradeep.m@netalla.com | www.netalla.com

FRYING  
MANGALAM COLLEGE OF ENGINEERING  
E-1000-107

## The Proposal

We hereby submit our proposal for implementing Centre of Excellence in Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT) CoE initiative (Infrastructure & Training). The proposal highlights deliverables and support for establishing and functioning AI & ML integrated IoT CoE

Please find our proposal enclosed.

We look forward to long term fruitful association with Mangalam College of Engineering.

Thank you and regards,

**Pradeep. M**

Director - Information Technology

Netalla Innovations Pvt. Ltd.

Cc'd to Mr. Rajkamal

## Deliverables for Mangalam College of Engineering


As part of the Center of Excellence, we will deliver the below list of hardware equipment's and roll out the training in using the equipments as an initial offering. We will also be providing training on AI & ML integrated IoT technologies an ongoing basis to the students.

#	Product Name	Description	Purpose	Qty In nos	Unit Cost in INR	GST in %	Unit Price in INR	Total Price
1	Petals AI & ML - IoT Researchkit	AI & ML basedIoT R&D kit and sensors, support for 300+ IoT Experiments	Research kit provided for the development of AI & ML integrated IoT products	30	23,000	18	27,140	8,14,200
2	Petals AI & ML - IoT Tech pack	Server PC enabled with web server , Multiple FTP account , MQTT Broker ,JSON API , SSL and Restful API Data Parsing Technique Software bundle	Technical Infrastructure provided for development of products using Researchkit	1	3,10,000	18	3,65,800	3,65,800
3	Petals HMI Touch1651	Multiple Industrial Touch Screen IoT Use case Human Machine Interface (HMI)	Human Machine interface (display) for the information of the IoT Experiments such as sensor values , Counts etc.,	3	13,000	18	15,340	46,020
4	Petals ResearchKitDev - Tools 1.Petals AI & ML - IoT 1.0 2.Petals DABD - IoT 1.0 Unlimited Users	1.AI & ML basedIoT Application for AI & ML integrated IoT software suite 2.Data analytics based IoT software suite	Development tools for the integration of AI and Data analytics To IoT	1	75,000	18	88,500	88,500

Netalla Innovations Pvt. Ltd.,

#46/4, Novel Tech Park, GB Palya, Hosur Road, Bangalore – 560 068

pradeep.m@netalla.com | www.netalla.com

  
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 MANGALAM COLLEGE OF ENGINEERING  
 HOSUR ROAD, BANGALORE

# Netalla

5	Belkin N150 wireless router	Access points enabled within each LAB to conduct multi node IoT Experiments	Access points required for the enabling wireless functions	10	3550	18	4189	41,890
6	Petals MYO AI & ML-IoT. Automation suite - 3 kits	Make Your Own Automations bundle includes products for implementing the following: 1. Petals e-Home 2. Petals e-Enterprise 3. Petals e-institute	Research and development Kits provided for Experimenting functions of the given Automation bundles	3	1,25,000	18	1,47,500	4,42,500
7	Petals Wireless Integration bundle	30 Beacons + 4 BLE to Wi-Fi Gateways	Beacons and Bluetooth low energy kits for wireless automations	1	99,000	18	1,16,820	1,16,820
8	UV Sterlizer	Ultra - Violet sterilizer to sterilize Germs , Viruses , Bacteria RNA	Given for the sanitation of the products and safety of the trainees	1	15,000	18	17,700	17,700
9	Consumables	2x3 inches copper clad sheets for PCB , Wires and cables , tools , containers , packages etc.,	Consumables for 2 years		35,000	18	41,300	41,300
10	Experiment manual	Contains 300+ experiments in IoT	Provided for the initial insights of these technologies					
<b>Total Taxable Value</b>							<b>16,19,279</b>	
<b>GST 18%</b>							<b>3,55,451</b>	
<b>Total</b>							<b>19,74,730</b>	
In Words: Rupees Nineteen Lakh seventy four thousand seven hundred and thirty only.								
<b>Note:</b> 1) The above hardware products are subject to 3 years warranty. 2) The softwares will be installed in the college premises.								

**Netalla Innovations Pvt. Ltd.,**

#46/4, Novel Tech Park, GB Palya, Hosur Road, Bangalore – 560 068

pradeep.m@netalla.com | www.netalla.com

# Netalla

**Netalla Innovations Pvt. Ltd.**

#46/4, Novel Tech Park,  
GB Palya, Hosur Road,  
Bangalore – 560068, Karnataka  
Website- www.netalla.com  
Email:pradeep.m@netalla.com  
GST: 29AAGCN3926P1ZR

## Quotation

Quotation Number : QT-20-21/1967  
Quotation Date : 06/01/2021

Place Of Supply: Ettumanoor, Kerala

**Bill To**

**Ship To**

To,  
**The Principal**  
**Mangalam College of Engineering**  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

To,  
**Mangalam College of Engineering**  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

#	Item & Description	Quantity	Unit Cost	GST@ 18%	Unit Price	Total
1	Petals AI & ML - IoT Researchkit	30	23,000	18	27,140	8,14,200
2	Petals AI & ML - IoT Tech pack	1	3,10,000	18	3,65,800	3,65,800
3	Petals HMI Touch1651	3	13,000	18	15,340	46,020
4	Petals ResearchKitDev - Tools 1.Petals AI & ML - IoT 1.0 2.Petals DABD - IoT 1.0 (Unlimited Users)	1	75,000	18	88,500	88,500
5	Belkin N150 wireless router	10	3550	18	4189	41,890
6	Petals MYO AI & ML-IoT. Automation suite - 3 kits	3	1,25,000	18	1,47,500	4,42,500
7	Petals Wireless Integration bundle	1	99,000	18	1,16,820	1,16,820
8	UV Sterlizer	1	15,000	18	17,700	17,700
9	AI & ML Integrated IoT Lab Consumables for 2 years(Consumables includes 2x3 inches copper clad sheets for PCB , Wires and cables , tools , containers , packages etc.,)	1	35,000	18	41,300	41,300
10	Experiment manual					

**Total In Words**  
**Rupees Nineteen Lakh seventy four thousand seven hundred and thirty only**

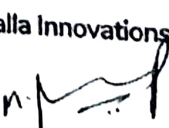
Payment Term - 50% advance and 50% on delivery  
Advance Freight - Included  
Warranty -As per OEM Standard  
Delivery-Within 15 Working days from date of PO

**Bank Details:**

Bank account holder – Netalla Innovations Pvt. Ltd.  
Bank Name - HDFC Bank  
Branch ; Thallakulam  
A/C Number –50200040255002  
IFS CODE – HDFC0004691

**Total Taxable Value** 16,19,279  
**GST 18%** 3,55,451  
**Total** 19,74,730

**For Netalla Innovations Private Limited**

  
Authorized Signatory



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



## Terms and Conditions

- **Project Sign Up:** Placing the Letter of Intent for the Centre of Excellence in Artificial Intelligence(AI) and Machine Learning (ML) Integrated Internet of Things (IoT) by Netalla
- **Implementation and Execution:** Within 15 working days from the date of Letter of Intent
- **Payment:** 100% against the Purchase Order
- **Annual Mentoring/Maintenance charges:** Rs. 50,000 per year towards ensuring renewal of softwares and mentoring institutional affiliates (First 2 years it is free).

## Infrastructure Requirements

The Infrastructure requirements are as below:

- Lab with 15 systems exclusively for the Center of Excellence in AI & ML integrated IoT
- Windows Computers (Windows 8.1 or higher) with minimum of Intel i3 Processor, 8 GB RAM, minimum 500 GB free space on hard drives.
- Minimum 900 square feet of space.
- High speed Internet.
- Projector and (optional) sound system: LCD projector or equivalent.
- Space for CoE hoardings, posters, etc

  
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Vinodh P Vijayan <vinodh.pvijayan@mangalam.in>

**Undertaking for MODROB (Aspirational Institutes) variant reg.**

2 messages

**Modernisation and Removal of Obsolescence Aicte** <modrobidc@aicte-india.org>

Wed, Oct 20, 2021 at 3:11 PM

Reply-To: modrobidc@aicte-india.org

Principal <principal@mangalam.in>

Vinodh P Vijayan <vinodh.pvijayan@mangalam.in>

F.No.9-1A/IDC/MODROB- ASP/Policy-1//2021-22

Dated 20.10.2021

To,

**The Registrar/ Director/ Principal,  
MANGALAM COLLEGE OF ENGINEERING**

Sir/Madam,

With reference to the proposal submitted by your institute under MODROB (Aspirational Institutions) variant, this is to convey that your project entitled "Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) Integrated Internet of Things (IoT)" has been sanctioned by the Council.

It is pertinent to mention that MODROB (Aspirational Institutions) variant is meant only for the institutes which have never been sanctioned/ received any MODROB project in the past.


In this regard, you are requested to submit an undertaking (Proforma attached) clearly stating that the institute has never been sanctioned/ received any MODROB project in the past. Funds will be released after receiving the said undertaking from you.

Kindly note that in case, the declaration is detected to be false anytime in future, a punitive action will be initiated against the institution.

Therefore, you are requested to submit the undertaking by 31.10.2021, failing which, the sanctioned project will be canceled and no further communication will be entertained in this regard.

Yours Sincerely,

*Thanks and Regards,*  
**MODROB TEAM,**  
*Institute Development Cell*  
*All India Council for Technical Education*  
*New Delhi*

  
**Internal Quality Assurance Cell (IQAC)**  
**Mangalam College of Engineering**  
**Kottayam, India - 686 631**

  
**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor



## Netalla Innovations Pvt. Ltd.

#46/4, Novel Tech Park,  
GB Palya, Hosur Road,  
Bangalore - 560068, Karnataka  
Website- www.netalla.com  
Email: pradeep.m@netalla.com  
GST: 29AAGCN3926P1ZR

## Quotation

Quotation Number : QT-20-21/1967  
Quotation Date : 06/01/2021  
Place Of Supply: Ettumanoor, Kerala

### Bill To

### Ship To

To,  
The Principal  
Mangalam College of Engineering  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

To,  
Mangalam College of Engineering  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

#	Item & Description	Quantity	Unit Cost	GST@ 18%	Unit Price	Total
1	Petals AI & ML - IoT Researchkit AIOT_RK_3312 <b>Description:</b> AI & ML based IoT R&D kit and sensors, support for 300+ IoT Experiments	30	23,000	18	27,140	8,14,200
2	Petals AI & ML - IoT Tech pack AIOT_TP_9129 <b>Description:</b> Server PC enabled with web server , Multiple FTP account , MQTT Broker ,JSON API , SSL and Restful API Data Parsing Technique Software bundle.	1	3,10,000	18	3,65,800	3,65,800
3	Petals HMI Touch1651 <b>Description:</b> Multiple Industrial Touch Screen IoT Use case Human Machine Interface (HMI)	3	13,000	18	15,340	46,020
4	Petals ResearchKitDev - Tools 1.Petals AI & ML - IoT 2.0 2.Petals DABD - IoT 2.0 (Unlimited Users) <b>Description:</b> 1.AI & ML based IoT Application for AI & ML integrated IoT software suite 2.Data analytics based IoT software suite	1	75,000	18	88,500	88,500
5	Belkin N150 wireless router <b>Description:</b> Access points enabled within each LAB to conduct multi node IoT Experiments	10	3550	18	4189	41,890
6	Petals MYO AI & ML-IoT, Automation suite - 3 kits <b>Description:</b> Make Your Own Automations bundle includes products for implementing the following: 1. Petals e-Home 2. Petals e-Enterprise 3. Petals e-institute	3	1,25,000	18	1,47,500	4,42,500
7	Petals Wireless Integration bundle <b>Description:</b> 30 Beacons + 4 BLE to Wi-Fi Gateways	1	99,000	18	1,16,820	1,16,820
8	UV Sterilizer Ultra - Violet sterilizer to sterilize Germs , Viruses , Bacteria RNA	1	15,000	18	17,700	17,700

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# Netalla

**Netalla Innovations Pvt. Ltd.**

#46/4, Novel Tech Park,  
GB Palya, Hosur Road,  
Bangalore - 560068, Karnataka  
Website- www.netalla.com  
Email:pradeep.m@netalla.com  
GST: 29AAGCN3926P1ZR

## Quotation

Quotation Number : QT-20-21/1967  
Quotation Date : 06/01/2021

Place Of Supply: Ettumanoor, Kerala

**Bill To**

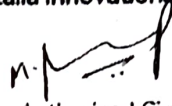
**Ship To**

To,  
The Principal  
Mangalam College of Engineering  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

To,  
Mangalam College of Engineering  
College Road, Mangalam Hills, Vettimukal,  
Ettumanoor, Kerala 686631

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3	Petals HMI Touch1651 <b>Description:</b> Multiple Industrial Touch Screen IoT Use case Human Machine Interface (HMI)	3	13,000	18	15,340	46,020
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7	Petals Wireless Integration bundle <b>Description:</b> 30 Beacons + 4 BLE to Wi-Fi Gateways	1	99,000	18	1,16,820	1,16,820
8	UV Sterilizer Ultra - Violet sterilizer to sterilize Germs , Viruses , Bacteria RNA	1	15,000	18	17,700	17,700

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR, KERALA

9	AI & ML Integrated IoT Lab Consumables for 2 years(Consumables includes 2x3 inches copper clad sheets for PCB , Wires and cables , tools , containers , packages etc.,)	1	35,000	18	41,300	41,300
10	Experiment manual Description: Contains 300+ experiments in IoT					
<b>Total In Words</b> <b>Rupees Nineteen Lakh seventy four thousand seven hundred and thirty only</b>  Payment Term - 50% advance and 50% on delivery Advance Freight - Included Warranty -As per OEM Standard Delivery-Within 15 Working days from date of PO  <b>Bank Details:</b> Bank account holder – Netalla Innovations Pvt. Ltd. Bank Name - HDFC Bank Branch ; Thallakulam A/C Number –50200040255002 IFS CODE – HDFC0004691				<b>Total Taxable Value 16,73,500</b> <b>GST 18% 3,01,230</b> <b>Total 19,74,730</b>		
				<b>For Netalla Innovations Private Limited</b>   Authorised Signatory		

  
**Internal Quality Assurance Cell (IQAC)**  
**Mangalam College of Engineering**  
**Kottayam, India - 686 631**

correct to the best of our knowledge and belief. In case, at any point of time it is found that information provided in this proposal is false or incorrect, AICTE will be at liberty to withdraw the grant given to us and we shall be liable to refund the entire amount of the grant with interest thereon and also liable for any other action that AICTE may deem fit. We also understand that AICTE may not consider our future proposal in this circumstance.

<u>Institute Budget Proposal</u>	<u>Budget – Non Recurring</u>	<u>Participating Industries</u>
<u>Limit of Funding(Rs.)</u> 2,000,000	<u>Total Budget Non Recurring</u> 1,638,500	<u>Total Financial Commitments</u>
<u>Total Fund Requested</u> 1,927,647.06		

Budget – Recurring

Total Budget Recurring  
35,000

+ Academic Credentials of Coordinator/ PI/ Applicant

+ Credentials of Cooordinator

+ Credentials of Institution / Department

+ Justification of proposal

+ Estimated budget for non-recurring expenditure for the proposed project

+ Major equipment available in the lab

+ Estimated budget for recurring expenditure for the proposed project

+ Contribution to budget

+ AQIS Application Attachments

Details of the Coordinator

- New and Submit Button for AQIS Application will be enabled only after the Institute Bank Details are confirmed at AQIS Application - Institute Details.
- While filling the data under the Activities in Budget Estimate Recurring please see the scheme specific guidelines given in the handbook.
- Please click on 'Save' and 'Validate Application' button before clicking on 'Submit' button.

<b>AQIS Application Id</b> 1-9346509781	<b>Duration</b> 2 Year	<b>Status</b> New Request	<b>Creation Date</b> 13/1/2021
<b>Schemes</b> MODROB - Aspirational Appli	<b>Institute Type</b> Private	<b>AQIS Application Submission Dat</b>	
<b>Have the institute been sanctioned any MODROB project by AICTE?</b> No			

Details of the Project Coordinator

<b>Faculty Id*</b> 1-1431019398	<b>First Name</b> VINODH	<b>Surname</b> VIJAYAN
<b>Appointment Type</b> Regular	<b>Appointment FT/PT</b> FT	<b>Email Address</b> vinodh.vijayan@mangalam.in
<b>Department*</b> COMPUTER SCIENCE AND EN	<b>MobilePhone #</b>	

Details of the Project Co-coordinator

<b>Cocoordinator Faculty Id*</b> 1-7822472344	<b>First Name</b> SABU	<b>Last Name</b> GEORGE
<b>Cocoordinator Appointment Type</b> Regular	<b>Cocoordinator Appointment FT/PT</b> FT	<b>Email Address of Cocoordinator</b> sabugeorge24@gmail.com
<b>Cocoordinator Department*</b> COMPUTER SCIENCE AND EN	<b>Cocoordinator MobilePhone #</b>	

Details of the lab to be funded under MODROB Proposal

<b>Title of Proposal*</b> Center of Excellence (CoE) In Artificial Intelligence (AI) and Machine Learning (ML) integrated Internet of Things (IoT)	<b>Abstract</b> The CoE research will help the development tools in the proposed AI & ML Integrated IoT Lab will definitely help the UG and PG students to gain more	<b>Expected Outcome of Proposal</b> The Center of Excellence in Artificial Intelligence Integrated Internet of Things highlights the growth & development of Artificial	<b>Is any industry willing to participate financially in the project?</b> Yes
<b>Name of the Lab to be funded*</b> Research & Incubation Start up	<b>Is department NBA accredited?</b> N	<b>Request for Recurring Budget*</b> YES	<b>Quantum of funds industry is w</b>
<b>The Relevant AICTE Approved UG/PG Course for which the project proposal is submitted*</b> COMPUTER SCIENCE AND EN	<b>Department under which the lab to be considered for MODROB</b> COMPUTER SCIENCE AND ENGIN		


How many MODROB project has been sanctioned by AICTE in last two financial years?

I/We solemnly confirm and verify that the information uploaded on the portal in respect of this proposal for seeking grant from AICTE under AQIS is true

correct to the best of our knowledge and belief. In case, at any point of time it is found that information provided in this proposal is false or incorrect, AICTE will be at liberty to withdraw the grant given to us and we shall be liable to refund the entire amount of the grant with interest thereon and also liable for any other action that AICTE may deem fit. We also understand that AICTE may not consider our future proposal in this circumstance.

Institute Budget Proposal	Budget - Non Recurring	Participating Industries
Limit of Funding(RS.) 2,000,000	Total Budget Non Recurring 1,638,500	Total Financial Commitments
Total Fund Requested 1,927,647.06		
Budget - Recurring		
Total Budget Recurring 35,000		

- + Academic Credentials of Coordinator/ PI/ Applicant
- + Credentials of Cooordinator
- + Credentials of Institution / Department
- + Justification of proposal
- + Estimated budget for non-recurring expenditure for the proposed project
- + Major equipment available in the lab
- + Estimated budget for recurring expenditure for the proposed project
- + Contribution to budget
- + AQIS Application Attachments

  
RECEIVED  
12/10/2023  
OFFICE OF THE  
DIRECTOR  
AICTE



## Academic year:-2020-2021

REQUEST ID	BASE STATE	ASSESSMENT	ASSESSMENT TC	COF LISIP NAME	ASSESSMENT	INVOICE NO.	INVOICE DA	PANNO	BASE AMOUNT
CI20201000654	KERALA	KOTTAYAM	29-08-20	447	Mangalam College of Engineering	NTACNCHENT290820	29-08-20	AABTM1170G	6242
CI20201100799	KERALA	KOTTAYAM	01-09-20	447	Mangalam College of Engineering	NTACJEEENT010920	02-09-20	AABTM1170G	19823
CI20201100800	KERALA	KOTTAYAM	08-09-20	447	Mangalam College of Engineering	AIIMNDNRCT080920	08-09-20	AABTM1170G	17234
CI20201000649	KERALA	KOTTAYAM	24-08-20	447	Mangalam College of Engineering	BNHUSETENT240820	09-09-20	AABTM1170G	14260
CI20201100801	KERALA	KOTTAYAM	15-09-20	447	Mangalam College of Engineering	NTACARPRCT150920	15-09-20	AABTM1170G	10573
CI20201100798	KERALA	KOTTAYAM	27-09-20	447	Mangalam College of Engineering	IITKJEEENT270920	27-09-20	AABTM1170G	13450
CI20210101928	KERALA	KOTTAYAM	24-09-20	447	Mangalam College of Engineering	NTACUGCENT240920	01-10-20	AABTM1170G	55249
CI20201201392	KERALA	KOTTAYAM	03-10-20	447	Mangalam College of Engineering	IBPSCWEPOP031020	10-10-20	AABTM1170G	34330
CI20201201395	KERALA	KOTTAYAM	22-10-20	447	Mangalam College of Engineering	UPSCCMSRCT221020	22-10-20	AABTM1170G	14010
CI20201201420	KERALA	KOTTAYAM	09-10-20	447	Mangalam College of Engineering	NTACUGCENT091020	11-11-20	AABTM1170G	25727
CI20201201404	KERALA	KOTTAYAM	20-11-20	447	Mangalam College of Engineering	AIIMNDCENT201120	20-11-20	AABTM1170G	16830
CI20210101931	KERALA	KOTTAYAM	22-11-20	447	Mangalam College of Engineering	IBPSSBIPRO221120	22-11-20	AABTM1170G	6932
CI20201201419	KERALA	KOTTAYAM	17-11-20	447	Mangalam College of Engineering	EDCINLCRCT171120	25-11-20	AABTM1170G	39703
CI20201201418	KERALA	KOTTAYAM	19-11-20	447	Mangalam College of Engineering	NTACCSIRCT191120	26-11-20	AABTM1170G	35659
CI20210101930	KERALA	KOTTAYAM	29-11-20	447	Mangalam College of Engineering	IIMICATENT291120	29-11-20	AABTM1170G	17301
CI20210102029	KERALA	KOTTAYAM	05-12-20	447	Mangalam College of Engineering	IBPSCRPSR051220	12-12-20	AABTM1170G	47460
CI20210402776	KERALA	KOTTAYAM	03-01-21	447	Mangalam College of Engineering	PGIMICMRCT030121	03-01-21	AABTM1170G	14000
CI20210402777	KERALA	KOTTAYAM	09-01-21	447	Mangalam College of Engineering	IBPSSBIPRO090121	09-01-21	AABTM1170G	13494
CI20210402955	KERALA	KOTTAYAM	06-02-21	447	Mangalam College of Engineering	IITGATEENT060221	14-02-21	AABTM1170G	27297
CI20210402847	KERALA	KOTTAYAM	18-02-21	447	Mangalam College of Engineering	EDCIIBERCT180221	20-02-21	AABTM1170G	85095


MANGALAM COLLEGE OF ENGINEERING  
KOTTAYAM




REQUEST ID	BASE STATE	ASSESSMENT	ASSESSMENT TC	COL LISP NAME	ASSESSMENT INVOICE NO.	INVOICE DA	PANNO	BASE AMOUNT
CI20210402846	KERALA	KOTTAYAM	21-02-21	447	Mangalam College of Engineering UPSCCGSRCT210221	21-02-21	AABTM1170G	19700
CI20210402849	KERALA	KOTTAYAM	23-02-21	447	Mangalam College of Engineering NTACJEEENT230221	24-02-21	AABTM1170G	15735
CI20210402850	KERALA	KOTTAYAM	27-02-21	447	Mangalam College of Engineering NTACGPENT270221	27-02-21	AABTM1170G	13782
CI20210403136	KERALA	KOTTAYAM	10-03-21	447	Mangalam College of Engineering ICMPNQRCT100321	10-03-21	AABTM1170G	6879
CI20210403137	KERALA	KOTTAYAM	16-03-21	447	Mangalam College of Engineering NTACJEEENT160321	16-03-21	AABTM1170G	13036
CI20210403142	KERALA	KOTTAYAM	22-03-21	447	Mangalam College of Engineering SSCMJUERT220321	23-03-21	AABTM1170G	24733
CI20210403134	KERALA	KOTTAYAM	25-03-21	447	Mangalam College of Engineering EDCIAAIATC250321	25-03-21	AABTM1170G	17140
CI20210403143	KERALA	KOTTAYAM	31-03-21	447	Mangalam College of Engineering NTACMATENT310321	31-03-21	AABTM1170G	14042

639716

  
**HEAD OF DEPARTMENT**  
 Department of Computer Science & Engineering  
 Mangalam College of Engineering  
 Ettumanoor 686 631

  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

  
**PRINCIPAL**  
 MANGALAM COLLEGE OF ENGINEERING



WORK ORDER

14/11/2021

Mangalam College of Engineering  
Vettimukal P.O., Mangalam Hills Ettumanoor  
Kottayam, Kerala, India, 686631

ICM1512KTM12

Dear Sir,

We are pleased to release a Work Order for the item/s as given in Annexure A below. This Work Order shall be governed by Facilities Agreement dated between Tata Consultancy Services Ltd. And Mangalam College of Engineering

Assessment Name, Date & Duration	ICMAI Exam 08,09,10,11,12,13,14 & 15 December 2021 (SHIFT 1: 10 :00 AM TO 01:00 PM )
Assessment Period	08,09,10,11,12,13,14 & 15 December 2021 (SHIFT 1: 10 :00 AM TO 01:00 PM )
Object Address	Mangalam College of Engineering Vettimukal P.O., Mangalam Hills Ettumanoor Kottayam, Kerala, India, 686631
Invoice Address	Core Integra Consulting Services Pvt Ltd 1st Floor, Vinmar House, Plot No. A/41, Road No. 02, MIDC, Opp. Marol Bus Depot. Andheri-East, Mumbai- 400 093
Payment	100% payment within 30 days of receipt of invoice or as agreed under the Agreement
Email for communication	lon.assessment@tcs.com

LISP facilities are for TCS use exclusively. During the usage period LISP agrees to not conduct any other online assessment(s).

Please mention Work Order (ICM1512KTM12) in all your future correspondence for easy reference and payment facilitation. Request you to kindly acknowledge and accept this Work Order.

Thanking you.


  
Mangalam College of Engineering  
<Signatory>



For Tata Consultancy Services Ltd.  
<Signatory>

Sl No	Item Description	Unit	Amount
1	Nodes* , Manpower as per the below ratios, mis charges (if any)	Expenses towards conducting ICMAI Exam on 08,09,10,11,12,13,14 & 15 December 2021 ( Shift 1 – 75 )	30000
2	Test center Administrator (1 per center) , IT Manager (1 per 200 candidates) , Invigilator (1:20) , Registration Manager (1:30) , Supporting Staff : ( 1 per center ) , Security staff ( 1 :100 ) , Volunteer(1:75) , Scanning Manager : (1:250) , Metadata creator (1:250) , SD Specific staff (7)		61600
3	Generator Usage	1 Shift minimum amount applied -800	6400
	Food & Prints/photocopying & Surveillance		7800

Tata Consultancy Services - proprietary

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

## Annexure

LISP NAME: Mangalam College of Engineering  
ADDRESS: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

4812710120  
info@mangalam.in

## Place of Supply: Maharashtra

Core Integra Consulting Services Pvt Ltd  
1st Floor, Vinmar House, Plot No. A/41,  
Road No. 02, MIDC, Opp. Marol Bus Depot,  
Andheri-East, Mumbai- 400 093

Invoice #: ICM1512KTM12  
Invoice Date: 15/12/2021  
Assessment Name: ICAI Exam  
Assessment Date: 08,09,10,11,12,13,14 & 15  
December 2021

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting ICAI Exam on 08 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 09 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 10 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 11 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 12 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 13 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 14 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Expenses towards conducting ICAI Exam on 15 December 2021 Nodes (Shift 1:75)	998599	75	50	3,750.00
Supervision Support Charges for: ICAI Exam on 8,9,10,11,12,13,14 & 15 December 2021				
Test Center Administrator	998599	8	750	6,000.00
Manager	998599	8	750	6,000.00
Invigilator	998599	32	500	16,000.00
Registration Manager	998599	24	300	7,200.00
Security Staff	998599	8	300	2,400.00
Support Staff	998599	8	300	2,400.00
Volunteer	998599	8	300	2,400.00
Scanning Manager	998599	8	300	2,400.00
Metadata Creator	998599	8	300	2,400.00
SD Specific Staff	998599	48	300	14,400.00
Genset and/or Fuel Charge	998599	1 Shift minimum amount applied -800		6,400.00
Food	998599	600	2	1,200.00
Prints/photocopying	998599	600	1	600.00
Surveillance	998599	600	10	6,000.00
<b>Total</b>				<b>105,800.00</b>
		<b>TOTAL</b>		<b>105,800.00</b>



Signature of Center Head

Signature of ROM

PAN: AABTM1170G

Beneficiary Name: Mangalam College Of Engineering

Beneficiary Bank Name: AXIS BANK LTD

IFSC: UTIB0003213

Account #: 918010071510562

Core Integra PAN #: AADCC6736H

Core Integra GST #: 27AADCC6736H1ZK

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631



WORK ORDER

14/11/2021

Mangalam College of Engineering  
Vettimukal P.O., Mangalam Hills Ettumanoor  
Kottayam, Kerala, India, 686631

AIIMS1411KTM12

Dear Sir,

We are pleased to release a Work Order for the item/s as given in Annexure 'A' below. This Work Order shall be governed by Facilities Agreement dated between Tata Consultancy Services Ltd. And Mangalam College of Engineering

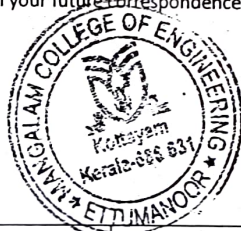
Assessment Name, Date & Time	AIIMS INI CET Exam 14 November 2021 (SHIFT 1: 09 :00 AM TO 12:00 PM )
Usage Period	14 November 2021 (SHIFT 1: 09 :00 AM TO 12:00 PM )
Project Address	Mangalam College of Engineering Vettimukal P.O., Mangalam Hills Ettumanoor Kottayam, Kerala, India, 686631
Invoice Address	Core Integra Consulting Services Pvt Ltd 1st Floor, Vinmar House, Plot No. A/41, Road No. 02, MIDC, Opp. Marol Bus Depot. Andheri-East, Mumbai- 400 093
Payment	100% payment within 30 days of receipt of invoice or as agreed under the Agreement
Email for communication	lon.assessment@tcs.com

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Thanking you.

Mangalam College of Engineering  
<Signatory>



For Tata Consultancy Services Ltd.  
<Signatory>

Sl. No	Item Description	Unit	Amount
1	Nodes* , Manpower as per the below ratios, mis charges (if any)	Expenses towards conducting AIIMS INI CET Exam on 14 November 2021 ( Shift 1 – 50 )	2500
2	Test center Administrator (1 per center) , IT Manager (1 per 200 candidates) , Invigilator (2:30) , Supporting Staff : ( 2:100) , Security staff ( 2 :100) , Electrician (1 per venue) , MTS : (2:100) , SD Specific staff (1:12) , Network Engineer ( 2 per venue)		7100
3	Generator Usage	1 Shift minimum amount applied -800	800
	Food & Prints/photocopying		150

Tata Consultancy Services - proprietary

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
KOTTAYAM

## Annexure

LISP NAME: Mangalam College of Engineering  
ADDRESS: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

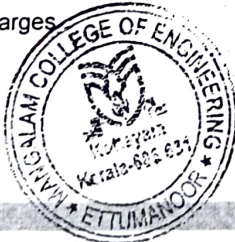
4812710120  
info@mangalam.in

## Place of Supply: Maharashtra

Core Integra Consulting Services Pvt Ltd  
1st Floor, Vinmar House, Plot No. A/41,  
Road No. 02, MIDC, Opp. Marol Bus Depot.  
Andheri-East, Mumbai- 400 093

Invoice #: AIIMS1411KTM12  
Invoice Date: 14/11/2021  
Assessment Name: AIIMS INI CET Exam  
Assessment Date: 14 November 2021

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting AIIMS INI CET Exam on 14 November 2021				
Nodes (Shift1: 50)	998599	50	50	2,500.00
Supervision Support Charges for: AIIMS INI CET Exam on 14 November 2021				
Test Center Administrator	998599	1	750	750.00
IT Manager	998599	1	750	750.00
Invigilator	998599	4	500	2,000.00
Security Staff	998599	1	300	300.00
Support Staff	998599	1	300	300.00
Electrician	998599	1	300	300.00
MTS	998599	1	300	300.00
SD Specific Staff	998599	6	300	1,800.00
Network Engineer	998599	2	300	600.00
Internet and/or Fuel Charges	998599	1 Shift minimum amount applied -800		800.00
Food	998599	50	2	100.00
Prints/photocopying	998599	50	1	50.00
<b>Total</b>				<b>10,550.00</b>
		<b>TOTAL</b>		<b>10,550.00</b>



Signature of Center Head

Signature of ROM

PAN: AABTM1170G

Beneficiary Name: Mangalam College Of Engineering

Beneficiary Bank Name: AXIS BANK LTD

IFSC: UTIB0003213

Account #: 918010071510562

Core Integra PAN #: AADCC6736H

Core Integra GST #: 27AADCC6736H1ZK

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Annexure

LISP NAME: Mangalam College of Engineering  
ADDRESS: Vettimukul P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

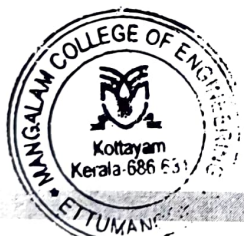
4812710120  
info@mangalam.in

Place of Supply: KERALA

Core Integra Consulting Services Pvt Ltd  
1st Floor, Vinmar House, Plot No. A/41,  
Road No. 02, MIDC, Opp. Marol Bus Depot,  
Andheri-East, Mumbai- 400 093

Invoice #: CMAT3103KTM12  
Invoice Date: 31/03/2021  
Assessment Name: NTA-CMAT EXAM  
Assessment Date: 31 March 2021

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting NTA-CMAT Exam on 31 March 2021				
Nodes (Shift1: 82, Shift2: 82)	998599	82	50	4,100.00
Supervision Support Charges for: NTA-CMAT Exam on 31 March 2021				
Test Center Administrator	998599	1	1125	1,125.00
IT Manager	998599	1	1125	1,125.00
Invigilator	998599	3	750	2,250.00
Support Staff	998599	1	450	450.00
Security Staff	998599	1	450	450.00
Peon	998599	2	450	900.00
SD Specific Staff	998599	7	450	3,150.00
Food	998599	164	2	328.00
Prints/photocopying	998599	164	1	164.00
				14,042.00
		TOTAL		14,042.00



Signature of Center Head

Signature of ROM

PAN: AABTM1170G

Beneficiary Name: Principal Mangalam College Of Engineering

Beneficiary Bank Name: STATE BANK OF INDIA

IFSC: SBIN0070114

Account #: 00000057021525206

Core Integra PAN #: AADCC6736H

Core Integra GST #: 27AADCC6736H1ZK

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Academic Year:-2018-2019

INVOICE NO.	BASE STATE	ASSESSMENT	ASSESSMENT LISP NAME	ASSESSMENT NA	INVOICE DAT	PANNO	BASE AMOUN
JIPMER0206KTM12	KERALA	KOTTAYAM	02.06.2019	Mangalam College of Engineering	JIPMER EXAM	02.06.2019	AABTM1170G 22650
NEEYT PG 0601KTM3	KERALA	KOTTAYAM	06.01.2019	Mangalam College of Engineering	NEET PG	06.01.2019	AABTM1170G 16140
ISER0606KTM12	KERALA	KOTTAYAM	06.06.2019	Mangalam College of Engineering	IISER EXAM	06.06.2019	AABTM1170G 15080
JAM1002KTM3	KERALA	KOTTAYAM	10.02.2019	Mangalam College of Engineering	JAM	10.02.2019	AABTM1170G 11090
JAM1002KTM4	KERALA	KOTTAYAM	10.02.2019	Mangalam College of Engineering	JAM	10.02.2019	AABTM1170G 9740
CNRA2312KTM1	KERALA	KOTTAYAM	23.12.2018	Mangalam College of Engineering	CANARA BANK	23.12.2018	AABTM1170G 12902
SIBPO2507KTM12	KERALA	KOTTAYAM	25.07.2019	Mangalam College of Engineering	SIB PO EXAM	25.07.2019	AABTM1170G 10918
ESIC2602KTM3	KERALA	KOTTAYAM	26.02.2019	Mangalam College of Engineering	ESIC PARAMEDICAL	26.02.2019	AABTM1170G 19560
UGCNET2606KTM12	KERALA	KOTTAYAM	26.06.2019	Mangalam College of Engineering	UGC NET EXAM	26.06.2019	AABTM1170G 20855
JEE2705KTM12	KERALA	KOTTAYAM	27.05.2019	Mangalam College of Engineering	JEE EXAM	27.05.2019	AABTM1170G 13850
CWC2805KTM12	KERALA	KOTTAYAM	28.05.2019	Mangalam College of Engineering	CWC EXAM	28.05.2019	AABTM1170G 40743
AKASH 2810KTM 1	KERALA	KOTTAYAM	28.10.2018	Mangalam College of Engineering	AKASH INSTITUTE EXAM	28.10.2018	AABTM1170G 4242
AAIATC3011KTM1	KERALA	KOTTAYAM	30.11.2018	Mangalam College of Engineering	AAIATC EXAM	30.11.2018	AABTM1170G 33600
							<b>231370</b>

*[Signature]*  
16/11/19

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

*[Signature]*  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Kottayam

*[Signature]*

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

*[Signature]*  
16/11/19  
PRINCIPAL

MANGALAM COLLEGE OF ENGINEERING



## Annexure

LISP Name: Mangalam College of Engineering

Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP

407, Princess Business Sky Park,

PU - 3 Commercials,

AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	SIBPO2507KTM12
Invoice Date:	25/07/2019
Assessment Name:	SIB PO EXAM
Assessment Date:	25 July 2019

Attention  
EmailSMB Finance  
smb.finance@tcs.com

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting SIB PO Exam on 25 July 2019 Nodes :(Shift1: 106 )	998599	106	50	5300
Supervision Support Charges for conducting SIB PO Exam on 25 July 2019				
Invigilator( Single shift )	998599	4	500.00	2,000.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	2	300.00	600.00
Test Center Administrator	998599	1	750.00	750.00
Genset and or/Fuel Charges on 25 JULY 2019	998599	1 Shift Minimum Amount Applied		800.00
Printing Charges on 25 JULY 2019	998599	106	1	106
Food Charges on 25 JULY 2019	998599	106	2	212
<b>TOTAL</b>				<b>10918</b>

Signature of Center Head

Signature of ROM

PAN: AABTM1170G

Salasar PAN #: ADJFS9371G

Beneficiary Name: Principal Mangalam College Of Engineering

Salasar GST #: 23ADJFS9371G1ZR

IFSC: SBIN0070114

Account #: 00000057021525206

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Annexure

LISP Name: Mangalam College of Engineering  
Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Conserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	JIPMER0206KTM12
Invoice Date:	02/06/19
Assessment Name:	JIPMER EXAM
Assessment Date:	02, JUNE 2019

Attention  
Email

SMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting JIPMER exam on 02 JUNE 2019 Nodes : (Shift1: 150, Shift2: 150)	998599	150	50	7500
Supervision Support Charges for conducting JIPMER exam on 02 JUNE 2019				
Invigilator( Two shift )	998599	12	750.00	9,000.00
IT Manager	998599	1	1,125.00	1,125.00
IT Assistant	998599	1	600.00	600.00
Volunteer	998599	2	450.00	900.00
Test Center Administrator	998599	1	1,125.00	1,125.00
Genset and or/Fuel Charges on 02 JUNE 2019	998599	Two Shift Minimum Amount Applied		1,500.00
Printing Charges on 02 JUNE 2019	998599	300	1	300
Food Charges on 02 JUNE 2019	998599	300	2	600
<b>TOTAL</b>				<b>22650</b>

Signature of Center Head

PAN: AABTM1170G

Beneficiary Name: Principal Mangalam College Of Engineering


IFSC: SBIN0070114

Account #: 00000057021525206

Signature of ROM

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G1ZR

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

## Annexure

LISP Name: Mangalam College of Engineering

Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP

407, Princess Business Sky Park,

PU - 3 Commercials,

AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	JEE2705KTM12
Invoice Date:	27/05/2019
Assessment Name:	JEE EXAM
Assessment Date:	27, MAY 2019

Attention  
EmailSMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting JEE exam on 27 MAY 2019 Nodes : (Shift1: 100, Shift2: 100)	998599	100	50	5000
Supervision Support Charges for conducting JEE exam on 27 MAY 2019				
Invigilator( Two shift )	998599	4	750.00	3,000.00
IT Manager	998599	1	1,125.00	1,125.00
IT Assistant	998599	1	600.00	600.00
Volunteer	998599	2	450.00	900.00
Test Center Administrator	998599	1	1,125.00	1,125.00
Genset and or/Fuel Charges on 27 MAY 2019	998599	Two Shift Minimum Amount Applied		1,500.00
Printing Charges on 27 MAY 2019	998599	200	1	200
Food Charges on 27 MAY 2019	998599	200	2	400
		<b>TOTAL</b>		<b>13850</b>

Signature of Center Head

Signature of ROM

PAN: AABTM1170G


Salasar PAN #: ADJFS9371G


Beneficiary Name: Principal Mangalam College Of Engineering

Salasar GST #: 23ADJFS9371G1ZR

IFSC: SBIN0070114

Account #: 00000057021525206


  
IQAC, MLMCE


  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

## Annexure

LISP Name: Mangalam College of Engineering

Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	IISER0606KTM12
Invoice Date:	06/06/19
Assessment Name:	IISER EXAM
Assessment	06, JUNE 2019

Attention  
EmailSMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting IISER exam on 06 JUNE 2019 Nodes :(Shift1: 160 )	998599	160	50	8000
Supervision Support Charges for conducting IISER exam on 06 JUNE 2019				
Invigilator( Single shift )	998599	6	500.00	3,000.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	3	300.00	900.00
Test Center Administrator	998599	1	750.00	750.00
Genset and or/Fuel Charges on 06 JUNE 2019	998599	1 Shift Minimum Amount App		800.00
Printing Charges on 06 JUNE 2019	998599	160	1	160
Food Charges on 06 JUNE 2019	998599	160	2	320
		<b>TOTAL</b>		<b>15080</b>

Signature of Center Head

PAN: AABTM1170G

Beneficiary Name: Principal Mangalam College Of Engineering


IFSC: SBIN0070114


Account #: 00000057021525206

Signature of ROM

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G1ZR

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Kottayam

## Annexure

LISP Name: Mangalam College of Engineering  
Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	CWC2805KTM12
Invoice Date:	28/05/2019
Assessment Name:	CWC EXAM
Assessment Date:	28, MAY 2019

Attention SMB Finance  
Email smb.finance@tcs.com

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting CWC exam on 28 MAY 2019 Nodes : ( Shift2: 121 )	998599	121	50	6050
Expenses towards conducting CWC exam on 29 MAY 2019 Nodes : ( Shift1: 119 )	998599	119	50	5950
Expenses towards conducting CWC exam on 30 MAY 2019 Nodes : ( Shift1:97 , Shift2:97 , Shift3:97 )	998599	97	50	4850
Supervision Support Charges for conducting CWC exam on 28 MAY 2019				
Invigilator( Single shift )	998599	5	500.00	2,500.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	2	300.00	600.00
Test Center Administrator	998599	1	750.00	750.00
Supervision Support Charges for conducting CWC exam on 29 MAY 2019				
Invigilator( Single shift )	998599	4	500.00	2,000.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	2	300.00	600.00
Test Center Administrator	998599	1	750.00	750.00
Supervision Support Charges for conducting CWC exam on 30 MAY 2019				
Invigilator( Three shift )	998599	4	1,000.00	4,000.00
IT Manager	998599	1	1,500.00	1,500.00
IT Assistant	998599	1	800.00	800.00
Volunteer	998599	2	600.00	1,200.00
Test Center Administrator	998599	1	1,500.00	1,500.00
Genset and or/Fuel Charges on 28 MAY 2019	998599	1 Shift Minimum Amount Applied		800.00
Genset and or/Fuel Charges on 29 MAY 2019	998599	1 Shift Minimum Amount Applied		800.00
Genset and or/Fuel Charges on 30 MAY 2019	998599	3 Shift Minimum Amount Applied		2,200.00
Printing Charges on 28 MAY 2019	998599	121	1	121
Printing Charges on 29 MAY 2019	998599	119	1	119
Printing Charges on 30 MAY 2019	998599	291	1	291
Food Charges on 28 MAY 2019	998599	121	2	242
Food Charges on 29 MAY 2019	998599	119	2	238
Food Charges on 30 MAY 2019	998599	291	2	582
<b>TOTAL</b>				<b>40743</b>

Signature of Center Head

PAN: AABTM1170G

Beneficiary Name: Principal Mangalam College Of Engineering

IFSC: SBIN0070114

Account #: 00000057021525206

Signature of ROM

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G12R

Internal Quality Assurance  
Mangalam College of Engineering  
Kottayam, India 686631

PRINCIPAL  
MANGALAM COLLEGE OF  
ENGINEERING

**Annexure**

**LISP Name: Mangalam College of Engineering**  
**Address: Vettimukal P.O., Mangalam Hills Ettumanoor , Kottayam, Kerala, India, 686631**

**Kerala**  
**<EMAIL>**

**Place of Supply: Kerala**

**Salasar Comserve LLP**  
**407, Princess Business Sky Park,**  
**PU - 3 Commercials,**  
**AB Road, Vijay nagar, Indore (M.P.)**

<b>Invoice #:</b>	UGCNET2606KTM12
<b>Invoice Date:</b>	26/06/2019
<b>Assessment Name:</b>	UGC NET EXAM
<b>Assessment Date:</b>	26, JUNE 2019

**Attention**  
**Email**

**SMB Finance**  
**[smb.finance@tcs.com](mailto:smb.finance@tcs.com)**

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting UGC NET exam on 26 JUNE 2019 Nodes :(Shift1: 140 , Shift2: 145 )	998599	145	50	7250
<b>Supervision Support Charges for conducting UGC NET exam on 26 JUNE 2019</b>				
Invigilator( Two shift )	998599	10	750.00	7,500.00
IT Manager	998599	1	1,125.00	1,125.00
IT Assistant	998599	1	600.00	600.00
Volunteer	998599	2	450.00	900.00
st Center Administrator	998599	1	1,125.00	1,125.00
Genset and or/Fuel Charges on 26 JUNE 2019	998599	Two Shift Minimum Amount Applied		1,500.00
Printing Charges on 26 JUNE 2019	998599	285	1	285
Food Charges on 26 JUNE 2019	998599	285	2	570
		<b>TOTAL</b>		<b>20855</b>

**Signature of Center Head**

**PAN: AABTM1170G**  
**Beneficiary Name: Principal Mangalam College Of Engineering**  
**IFSC: SBIN0070114**  
**Account #: 00000057021525206**

**Signature of ROM**

**Salasar PAN #: ADJFS9371G**  
**Salasar GST #: 23ADJFS9371G1ZR**

*(Handwritten Signature)*  
**Internal Quality Assurance Cell (IQAC)**  
**Mangalam College of Engineering**  
**Kottayam, India - 686 631**

*(Handwritten Signature)*  
**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
**Ettumanoor**

Bill of Supply

LISP Name: Mangalam College of Engineering  
Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Conserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	UGCNET2606KTM12
Invoice Date:	26/06/2019
Assessment Name:	UGC NET EXAM
Assessment Date:	26, JUNE 2019

Attention SMB Finance  
Email smb.finance@tcs.com

Description	HSN/SAC Code	TOTAL (INR)
Expenses towards conducting UGC NET exam on 26 JUNE 2019	998599	20855
TOTAL		20,855.00

Signature of Center Head

Signature of ROM

PAN: AABTM1170G


Beneficiary Name: Principal Mangalam College Of Engineering

IFSC: SBIN0070114

Account #: 00000057021525206

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G1ZR

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**Bill of Supply**

LISP Name: Mangalam College of Engineering  
 Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
 <EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
 407, Princess Business Sky Park,  
 PU - 3 Commercials,  
 AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	JAM1002KTM3
Invoice Date:	10/02/19
Assessment Name:	JAM
Assessment Date:	10, FEBRUARY 2019

Attention SMB Finance  
 Email smb.finance@tcs.com

Description	HSN/SAC Code	TOTAL (INR)
Expenses towards conducting JAM exam on 10 February 2019	998599	11090
		-
		-
		-
		-
		11,090.00
	<b>TOTAL</b>	<b>11,090.00</b>

Signature of Center Head

Signature of ROM

AN: AABTM1170G


Beneficiary Name: Principal Mangalam College Of Engineering

IFSC: SBIN0070114

Account #: 00000057021525206

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G1ZR

  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631  
 PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING





**Annexure**

**Supplier Name:** Mangalam College of Engineering  
**Address:** Vettimukul P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
 EMAIL>

**Place of Supply:** Kerala  
 Salasar Conserve LLP  
 07, Princess Business Sky Park,  
 PU - 3 Commercials,  
 AB Road, Vijay nagar, Indore (M.P.)

<b>Invoice #:</b>	JAM1002KTM3
<b>Invoice Date:</b>	10/02/19
<b>Assessment Name:</b>	JAM
<b>Assessment Date:</b>	10, FEBRUARY 2019


Attention  
 Email

SMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting JAM exam on 10 February 2019 Nodes :(Shift1:160, Shift2:80)	998599	160	50	8000
Genset and or/Fuel Charges on 10 February 2019	998599	2 Shift Minimum Amount Applied		1,500.00
Printing Charges on 10 February 2019	998599	240	1	240.00
Supporting staff including Electrician & DG Mechanic		3	450	1,350.00
		<b>TOTAL</b>		<b>11,090.00</b>

**Signature of Center Head**  
 PAN #: AABTM1170G  
 Beneficiary Name: Principal Mangalam College Of Engineering  
 IFSC: SBIN0070114  
 Account #: 00000057021525206

**Signature of ROM**  
 Salasar PAN #: ADJFS9371G  
 Salasar GST #: 23ADJFS9371G1ZR

  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

  
 PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING

## Bill of Supply

LISP Name: Mangalam College of Engineering

Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	JAM1002KTM3
Invoice Date:	10/02/19
Assessment Name:	JAM
Assessment Date:	10, FEBRUARY 2019

Attention SMB Finance  
Email [smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	TOTAL (INR)
Expenses towards conducting JAM exam on 10 February 2019	998599	9740
		-
		-
		-
		-
		9,740.00
		9,740.00
	TOTAL	9,740.00

Signature of Center Head

Signature of ROM

PAN: AABTM1170G


Beneficiary Name: Principal Mangalam College Of Engineering


IFSC: SBIN0070114

Account #: 00000057021525206

Salasar PAN #: ADJFS9371G

Salasar GST #: 23ADJFS9371G1ZR

  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

  
 - PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING

**Annexure**

LISP Name: Mangalam College of Engineering  
 Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
 <EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
 407, Princess Business Sky Park,  
 PU - 3 Commercials,  
 AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	NEETPG0601KTM3
Invoice Date:	06/01/19
Assessment Name:	NEETPG
Assessment Date:	06, JANUARY 2019

Attention  
 Email

SMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)


Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting NEETPG exam on 06 JANUARY 2019 Nodes :( Shift 2 : 180)	998599	180	50	9000
Supervision Support Charges for conducting NEET PG exam on 06 JANUARY 2019				
Invigilator( Single shift )	998599	6	500.00	3,000.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	3	300.00	900.00
Test Center Administrator	998599	1	750.00	750.00
Genset and or/Fuel Charges on 06 JANUARY 2019	998599	Single Shift Minimum Amount Applied		800.00
Printing Charges on 06 JANUARY 2019	998599	180	1	180
Food Charges on 06 JANUARY 2019	998599	180	2	360
		<b>TOTAL</b>		<b>16140</b>


Signature of Center Head

Signature of ROM

PAN: AABTM1170G  
 Beneficiary Name: Principal Mangalam College Of Engineering  
 IFSC: SBIN0070114  
 Account #: 00000057021525206

Salasar PAN #: ADJFS9371G  
 Salasar GST #: 23ADJFS9371G1ZR

  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

  
 PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING  
 Ettumanoor

Bill of Supply

LISP Name: Mangalam College of Engineering  
Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
<EMAIL>

Place of Supply: Kerala

Salasar Comserve LLP  
407, Princess Business Sky Park,  
PU - 3 Commercials,  
AB Road, Vijay nagar, Indore (M.P.)


Invoice #:	ESIC2602KTM3
Invoice Date:	26/02/2019
Assessment Name:	ESIC Paramedical 26, FEBRUARY
Assessment Date:	2019


Attention SMB Finance  
Email [smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	TOTAL (INR)
Expenses towards conducting ESIC Paramedical exam on 26 FEBRUARY	998599	19560 - - - - 19,560.00
	TOTAL	19,560.00

Signature of Center Head  
PAN: AABTM1170G  
Beneficiary Name: Principal Mangalam College Of Engineering  
IFSC: SBIN0070114  
Account #: 00000057021525206

Signature of ROM  
Salasar PAN #: ADJFS9371G  
Salasar GST #: 23ADJFS9371G1ZR

  
Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



**Annexure**

LISP Name: Mangalam College of Engineering  
 Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

Kerala  
 <EMAIL>

Place of Supply: Kerala

Salasar Conserve LLP  
 407, Princess Business Sky Park,  
 PU - 3 Commercials,  
 AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	CNRA2312KTM1
Invoice Date:	23/12/2018
Assessment Name:	CANARA BANK
Assessment Date:	23, DECEMBER 2018

Attention  
 Email

SMB Finance  
[smb.finance@tcs.com](mailto:smb.finance@tcs.com)

Description	HSN/SAC Code	QUANTITY	PRICE PER UNIT	TOTAL (INR)
Expenses towards conducting Canara Bank exam on 23 December 2018 Nodes :(Shift1: 134)	998599	134	50	6700
<b>Supervision Support Charges for conducting Canara Bank Exam on 23 December 2018</b>				
Invigilator	998599	5	500.00	2,500.00
IT Manager	998599	1	750.00	750.00
IT Assistant	998599	1	400.00	400.00
Volunteer	998599	2	300.00	600.00
Test Center Administrator	998599	1	750.00	750.00
Genset and on/Fuel Charges on 23 December 2018	998599	Single Shift Minimum Amount Applied		800.00
Printing Charges on 23 December 2018	998599	134	1	134
Food Charges on 23 December 2018	998599	134	2	268
<b>TOTAL</b>				<b>12902</b>

Signature of Center Head

Signature of ROM

PAN: AABTM1170G  
 Beneficiary Name: Principal Mangalam College Of Engineering  
 IFSC: SBIN0070114  
 Account #: 00000057021525206

Salasar PAN #: ADJFS9371G  
 Salasar GST #: 23ADJFS9371G1ZR

*(Signature)*  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

*(Signature)*  
 MANGALAM COLLEGE OF ENGINEERING  
 KOTTAYAM



WORK ORDER

30/11/2018

Mangalam College of Engineering  
Vettimukal P.O., Mangalam Hills Ettumanoor  
Kottayam, Kerala, India, 686631

AAIATC3011KTM1

Dear Sir,

We are pleased to release a Work Order for the item/s as given in Annexure A below. This Work Order shall be governed by Facilities Agreement dated between Tata Consultancy Services Ltd. And Mangalam College of Engineering

Assessment Name, Date & Hour	AAI ATC EXAM 30 NOVEMBER 2018 ( Shift 1: 08:30 AM TO 10:30 AM) (Shift 2: 12:30 PM TO 02:30 PM ) (Shift 3: 04:30 PM TO 06: 30 PM )
Usage Period	AAI ATC EXAM 30 NOVEMBER 2018 ( Shift 1: 08:30 AM TO 10:30 AM) (Shift 2: 12:30 PM TO 02:30 PM ) (Shift 3: 04:30 PM TO 06: 30 PM )
Project Address	Mangalam College of Engineering Vettimukal P.O., Mangalam Hills Ettumanoor Kottayam, Kerala, India, 686631
Invoice Address	Salasar Comserve LLP 407, Princess Business Sky Park PU - 3 Commercials, AB Road, Vijay nagar, Indore (M.P.)
Payment	100% payment within 30 days of receipt of invoice or as agreed under the Agreement
Email for communication	lon.assessment@tcs.com

LISP facilities are for TCS use exclusively. During the usage period LISP agrees to not conduct any other online assessment(s).

Please mention Work Order(AAIATC3011KTM1) in all your future correspondence for easy reference and payment facilitation. Request you to kindly acknowledge and accept this Work Order.


Thanking you.


Mangalam College of Engineering  
<Signatory>

For Tata Consultancy Services Ltd.  
<Signatory>

S I N O	Item Description	Unit	Amount
1	Nodes* , Manpower as per the below ratios, mis charges (if any)	30 November 2018 (Shift 1: 200, Shift 2: 200, Shift 3: 200)	10000
2	TCA(1), IT Manager(1), Invigilators(30:1) Supporting staff(DG mechanic(1), Electrician(1), Volunteer(75:1)		
3	Generator Usage	600 per Hour	NA

Tata Consultancy Services - proprietary

  
Internal Quality Assurance Cell (IQAC) -  
Mangalam College of Engineering  
Kottayam, India - 686631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



WORK ORDER

30/11/2018

Mangalam College of Engineering  
Vettimukal P.O., Mangalam Hills Ettumanoor  
Kottayam, Kerala, India, 686631

AAIATC3011KTM1

Dear Sir,

We are pleased to release a Work Order for the item/s as given in Annexure A below. This Work Order shall be governed by Facilities Agreement dated between Tata Consultancy Services Ltd. And Mangalam College of Engineering

Assessment Name, Date & Hour	AAI ATC EXAM 30 NOVEMBER 2018 ( Shift 1: 08:30 AM TO 10:30 AM ) (Shift 2: 12:30 PM TO 02:30 PM ) (Shift 3: 04:30 PM TO 06: 30 PM )
Usage Period	AAI ATC EXAM 30 NOVEMBER 2018 ( Shift 1: 08:30 AM TO 10:30 AM ) (Shift 2: 12:30 PM TO 02:30 PM ) (Shift 3: 04:30 PM TO 06: 30 PM )
Project Address	Mangalam College of Engineering Vettimukal P.O., Mangalam Hills Ettumanoor Kottayam, Kerala, India, 686631
Invoice Address	Salasar Comserve LLP 407, Princess Business Sky Park PU - 3 Commercials, AB Road, Vijay nagar, Indore (M.P.)
Payment	100% payment within 30 days of receipt of invoice or as agreed under the Agreement
Email for communication	lon.assessment@tcs.com

LISP facilities are for TCS use exclusively. During the usage period LSP agrees to not conduct any other online assessment(s).

Please mention Work Order(AAIATC3011KTM1) in all your future correspondence for easy reference and payment facilitation. Request you to kindly acknowledge and accept this Work Order.


Thanking you.

Mangalam College of Engineering  
<Signatory>

For Tata Consultancy Services Ltd.  
<Signatory>

S I N O	Item Description	Unit	Amount
1	Nodes* , Manpower as per the below ratios, mis charges (if any)	30 November 2018 (Shift 1: 200, Shift 2: 200, Shift 3: 200)	10000
2	TCA(1),IT Manager(1),Invigilators(30:1) Supporting staff(DG mechanic(1),Electrician(1),Volunteer(75:1)		
3	Generator Usage	600 per Hour	NA

Tata Consultancy Services - proprietary

  
Internal Quality Assurance Cell (IQAC) -  
Mangalam College of Engineering  
Kottayam, India - 686631

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



**Bill of Supply**

LISP Name: Mangalam College of Engineering  
 Address: Vettimukal P.O., Mangalam Hills Ettumanoor, Kottayam, Kerala, India, 686631

\_\_\_\_\_

Kerala  
 <EMAIL>

Place of Supply: Kerala  
 Salasar Conserve LLP  
 407, Princess Business Sky Park,  
 PU - 3 Commercials,  
 AB Road, Vijay nagar, Indore (M.P.)

Invoice #:	AAIATC3011KTM1
Invoice Date:	30/11/2018
Assessment Name:	AAI ATC EXAM
Assessment Date:	30 , NOVEMBER2018

Attention SMB Finance  
 Email smb.finance@tcs.com

Description	HSN/SAC Code	TOTAL (INR)
Expenses towards conducting AAI ATC exam on 30 November 2018	998599	33600
		-
		-
		-
		-
		33,600.00
		33,600.00
	TOTAL	33,600.00

Signature of Center Head \_\_\_\_\_ Signature of ROM \_\_\_\_\_

PAN: AABTM1170G  
 Beneficiary Name: Principal Mangalam College Of Engineering  
 IFSC: SBIN0070114  
 Account #: 00000057021525206

Salasar PAN #: ADJFS9371G  
 Salasar GST #: 23ADJFS9371G1ZR


*(Signature)*  
 Internal Quality Assurance Cell (IQAC)  
 Mangalam College of Engineering  
 Kottayam, India - 686 631


PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING  
 Ettumanoor


3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (5)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years (5)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
Online Examintaion Center	TCSion		2017	308975	1year	TCSion	Non Government

  
**HEAD OF DEPARTMENT**  
 Department of Computer Science & Engineering  
 Mangalam College of Engineering  
 Ettumanoor 686 631

  
**Internal Quality Assurance Cell (IQAC)**  
 Mangalam College of Engineering  
 Kottayam, India - 686 631

  
**PRINCIPAL**  
 MANGALAM COLLEGE OF ENGINEERING

  
**PRINCIPAL**  
 MANGALAM COLLEGE OF ENGINEERING  
 Ettumanoor

# Mangalam Educational Society

Mangalam Buildings  
S H Mount P.O ,Kottayam -6

## Tata Consultancy Receipt Ledger Account


1-Apr-2017 to 31-Mar-2018

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
23-5-2017	Dr S B T Ettr-57021525206	Receipt	612		6,950.00
8-6-2017	Dr S B T Ettr-57021525206	Receipt	983		50,935.00
13-6-2017	Dr S B T Ettr-57021525206	Receipt	1090		3,254.00
20-6-2017	Dr S B T Ettr-57021525206	Receipt	1180		2,352.00
22-6-2017	Dr S B T Ettr-57021525206	Receipt	1214		14,324.00
11-7-2017	Dr S B T Ettr-57021525206	Receipt	1519		15,523.00
13-7-2017	Dr S B T Ettr-57021525206	Receipt	1600		2,626.00
18-7-2017	Dr S B T Ettr-57021525206	Receipt	1649		15,868.00
20-7-2017	Dr S B T Ettr-57021525206	Receipt	1697		23,215.00
1-8-2017	Dr S B T Ettr-57021525206	Receipt	1898		2,940.00
14-12-2017	Dr S B T Ettr-57021525206	Receipt	3978		4,234.00
28-12-2017	Dr S B T Ettr-57021525206	Receipt	4024		31,892.00
	Dr S B T Ettr-57021525206	Receipt	4025		25,472.00
30-1-2018	Dr S B T Ettr-57021525206	Receipt	4424		33,449.00
6-2-2018	Dr S B T Ettr-57021525206	Receipt	4553		49.00
	Dr S B T Ettr-57021525206	Receipt	4554		24,667.00
8-3-2018	Dr S B T Ettr-57021525206	Receipt	4906		39,005.00
20-3-2018	Dr S B T Ettr-57021525206	Receipt	5070		3,569.00
31-3-2018	Dr TDS 2017 - -2018	Journal	4558		2,864.00
	Dr TDS 2017 - -2018	Journal	4561		5,787.00
					3,08,975.00
	Cr Closing Balance			3,08,975.00	
				3,08,975.00	3,08,975.00




Department of Computer Science & Engineering  
Mangalam College of Engineering  
Ettumanoor 686 631



Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Jaycee Palace, Theertham Press Road, Kidangoor P.O, Kottayam, Kerala.  
Pin: 686572, Phn: +91 8089177428.

## GRANT

JCI an International Organisation, established for supporting the community, especially the young generation in all possible ways, as requested by the Dean of Mangalam Management Studies. We are happy to support Mangalam Management Studies, by giving a grant of Rs. 9500/- to give a token of award in the form of best outgoing student for the year 2020-2021.

We, JCI is very much happy to appreciate the efforts of Mangalam Management Studies, for motivating students, achieving excellence in their life.

A handwritten signature in black ink, appearing to be 'S. Anand', is written above the 'Authorised Signatory' text.

Authorised Signatory

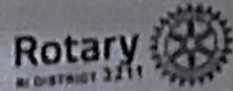
A handwritten signature in blue ink, appearing to be 'A. J.', is written above the printed text of the principal's name.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



President  
Rtn. Rejie K. Abraham MPH  
+919846119560

Secretary  
Rtn. Santhosh T. Thomas  
+919447751837



# Rotary Club of Kottayam East

Club ID : 23668

## GRANT FOR ACADEMIC EXCELLENCE

Rotary Club & Kottayam East, an international organization is very much happy to Support young generation including School and College students. As part of it, we are deeply interested to Support Mangalam Management Studies, by providing a Grant of Rs 7500/- in the Month of September 2020, for selecting a Fellow of Academic Excellence, who is scoring highest Mark in the University Exam. We have granted this amount to the Dean Prof. John T Varughese.

President

Rtn. Rejie K Abraham

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Rtn. Brijesh Andrews MPH  
Immediate Past President/  
TL Officer/Dist. PVA

Rtn. Abraham Cheryan  
President Nominee

Rtn. Dr. K. K. Kuruvilla MPH  
Club Trainer

Rtn. Kurian K. Kuriankose  
Club Membership

Rtn. Abraham C. Tharakan  
District Project

Rtn. Sunil K. George  
Service Project  
Newgeneration

Rtn. Raju Verghese PHF

Rtn. Joseph John MPH

Rtn. K. Venugopal  
Rotary Foundation



दि साउथ इन्डियन बैंक लिमिटेड  
The South Indian Bank Limited  
Kottayam - 686 001, Kerala  
IFSC: SIBL0000037

Valid for three months only

08012021  
D D M M Y Y Y Y

या धारक को or Bearer

Pay Janeesh Scaria

रुपये Rupees Fifty thousand only

अदा करें ₹ 50,000/-

A/c. No. 0037081000002619

Cheque No.: 01239043

For MANGALAM EDUCATIONAL SOCIETY

  
Authorized Signatory  
Please sign above

CD-PREMIUM

AA0321 " Payable at all branches "

⑈ 239043⑈ 686059002⑈ 999901⑈ 29



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

⑈ 23904 1⑈ 68605900 2⑈ 99990 1⑈ 29



दि साउथ इन्डियन बैंक लिमिटेड  
The South Indian Bank Limited  
Kottayam - 686 001, Kerala  
IFSC: SIBL0000037

Valid for three months only

1 0 7 2 0 2 0  
D D M M Y Y Y Y

Pay Preethi Sebastian

या धारक को or Bearer

रुपये Rupees Fifty thousand only

अदा करें ₹ 50,000/-

A/c. No. 0037081000002619

Cheque No.: 01239042

For MANGALAM EDUCATIONAL SOCIETY

**CD-PREMIUM**

AA0321 " Payable at all branches "

  
Authorised Signatory  
Please sign above

⑈ 23904 2⑈ 68605900 2⑈ 99990 1⑈ 29



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Estamanoor



**MANGALAM**  
**EDUCATIONAL SOCIETY**

(Reg No. K-528/2001)

Mangalam Campus

Mangalam Hills (Autonomous) Kottayam

Kerala 686001 Ph: 481 2710100 +91 481 2501700

Fax: +91 481 2501700 Web: www.mangalam.ac.in

E-mail: info@mangalam.ac.in

Registered under Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act of 1958

**SANCTION LETTER**

To

Mrs. Preethi Sebastian

Associate Professor

Electrical and Electronics Department

Mangalam College of Engineering

Ph. 9447600676

02/07/2020

Sub: Sanction letter to conduct Energy Audit of Mangalam Educational Institutions

Dear Preethi Sebastian,

We are pleased to inform you that you are invited to conduct energy audit of Mangalam Educational Institutions. As per the agreement you must provide a final report. Within 28 days of receipt of satisfactory final project report, we will release the grant amount of Rs. 50000. You can access the permitted facilities to carry out the work. Kindly refer to institutional policies and adherence to the same.

We would be happy if you can sign the duplicate copy of this letter in token of your acceptance.

If you have any question, please clarify from the undersigned.

With regards,

Chairman,

Mangalam Educational Society



## Project Title: Energy Audit of Mangalam Educational Institute

### Principle Investigator

Ms. Preethi Sebastian  
Associate Professor, Electrical and Electronics Department  
Mangalam College of Engineering  
[preethy.sebastian@mangalam.in](mailto:preethy.sebastian@mangalam.in)  
9447600676  
Gender: Female  
Nationality: Indian

### Technical Details

Scheme:	Consultancy Project
Area :	Electrical Engineering
Duration :	12 months
Sanctioned Amount (INR):	50000
Project Status:	Completed

### Project Summary

An energy audit is conducted at Mangalam Education Institutions for the academic year 2020-21.

### Expenditure

Sl no	Items	Annual cost(INR)
1	Salaries/Wages	42000
2	Consumables	2000
3	Institutional Overheads(10% of total expenditure)	5000
4	Travelling expense	1000
	Total	50000

### Details


Budget for salaries

Technical assistance: 875/ person

Monthly expenditure: 3500

Yearly expenditure -42000

Justification: Four students is required with B.Tech or equivalent degree to conduct the auditing. The position requested is Technical Assistant with a pay of Rs. 875 per month.

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Consumables

Yearly expenditure – 2000

Justification: Papers, notebooks, printer cartridge etc for doing auditing.

Travelling

Yearly expenditure – 1000

Justification: Travelling to Mangalam Architectural college



Principle Investigator

Principal



SANCTION LETTER

To

Mr. Jeneesh Scaria

01/01/2021

Assistant Professor

Electrical and Electronics Department

Mangalam College of Engineering

Ph. 9946204321

Sub: Sanction letter to conduct Energy Audit of Mangalam Publishers Pvt. Ltd.

Dear Jeneesh Scaria,

We are pleased to inform you that you are invited to conduct an energy audit of Mangalam Publishers Pvt. Ltd. As per the agreement, you must provide a final report. Within 28 days of receipt of satisfactory final project report, we will release the grant amount of Rs. 50000. You can access the permitted facilities to carry out the work. Kindly refer to institutional policies and adherence to the same.

We would be happy if you can sign the duplicate copy of this letter in token of your acceptance.

If you have any question, please clarify from the undersigned.

With regards,



Chairman,

Mangalam Educational Society



**Project Title: Energy Audit of Mangalam Publishers Pvt. Ltd**

**Principle Investigator**

Mr. Jeneesh Scaria  
Assistant Professor, Electrical and Electronics Department  
Mangalam College of Engineering  
[jeneesh.scaria@mangalam.in](mailto:jeneesh.scaria@mangalam.in)  
99946204321  
Gender: Male  
Nationality: Indian

**Technical Details**

Scheme:	Consultancy Project
Area :	Electrical Engineering
Duration :	12 months
Sanctioned Amount (INR):	50000
Project Status:	Completed

**Project Summary**

An energy audit is conducted at Mangalam Publishers Pvt Ltd. for the academic year 2020-21.

**Expenditure**

Sl no	Items	Annual cost(INR)
1	Salaries/Wages	42000
2	Consumables	1000
3	Institutional Overheads(10% of total expenditure)	5000
4	Travelling expense	2000
	<b>Total</b>	<b>50000</b>


**Details**

**Budget for salaries**

Technical assistance: 875/ person  
Monthly expenditure: 3500  
Yearly expenditure -42000

Justification: Four students is required with B.Tech or equivalent degree to conduct the auditing. The position requested is Technical Assistant with a pay of Rs. 875 per month.

**Consumables**

  
MANGALAM COLLEGE OF ENGINEERING  
TECHNICAL ASSISTANT

Yearly expenditure – 1000

Justification: Papers, notebooks, printer cartridge etc for doing auditing.

Travelling

Yearly expenditure – 2000

Justification: Travelling to Mangalam Publishers Pvt Ltd

  
Principle Investigator

  
Principal

MANGALAM PUBLISHERS PVT LTD

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

ACADEMIC YEAR: 2020-21

SL NO	NAME OF THE PROJECT	NAME OF AWARDING AGENCY	NATURE OF AWARD	AMOUNT OF GRANT FOR RESEARCH	DATE(DD/MM/YYYY)& DURATION
1	Minor Projects-Seed Grant for Mini Colloquium	IEEE	non-government	189,375	2020-2021
2	AICTE for international conference 5NANO2021	AICTE for international conference 5NANO2021	government	350000	2020-2021

PRINCIPAL



PRINCIPAL  
 KANGALAM COLLEGE OF ENGINEERING  
 Ettimanoor

1/28/22, 3:28 PM

IEEE Mail - Fund Received



EUGENE PETER <eugenepeter@ieee.org>

**Fund Received**

2 messages

IEEE KERALA SECTION <ieeeks.keralasection@gmail.com>  
To: EUGENE PETER <eugenepeter@ieee.org>, tdsbush2007@gmail.com, geethumo1060@gmail.com  
Cc: "Sunitha Beevi K." <sunithakhan@ieee.org>, Sarada Jayakrishnan <sarada.jk@ieee.org>

Sat, Apr 18, 2020 at 1:02 PM

Dear Eugene Mam

Below is the fund received for your college, this is for your kind information.

\$2500 - PHO - Annual Chapter Grant for Mini Colloquium; Magalam College of Engineering; Dr. T D Subash; tdsbush2007@gmail.com; Ms. Geethumol  
O: geethumo1060@gmail.com  
1,89,375.00

Also send us the fund request form in order to process the fund. Attached is the fund request form for your reference

Thanks  
Saraswathy

**IEEE Kerala Section**

HarmonIEEE 1st Floor, Chenan's Square,  
Ambujavilassom Road, PB - 77, GPO,  
Thiruvananthapuram, PIN - 695001,  
Kerala, India.  
Tel: +91 471 2473515  
e-mail: ieeeks.keralasection@gmail.com  
web: www.ieee.org/india

Fund Release Request Specimen - IEEE.odt  
16K

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Dated: 25<sup>th</sup> February, 2021

F. No.67- 55/IDC/GOC/POLICY-1/2020-21

All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte.india.org



Grant for Organizing Conference Sanction Letter

To

The Drawing and Disbursing Officer  
All India Council for Technical Education  
Nelson Mandela Marg, Vasant Kunj,  
New Delhi-110070

**Subject:** Release of a sum of Rs. 1,75,000/- (Rupees One lakh seventy five thousand only) as Grant-In-Aid to conduct Conference under the scheme Grant for Organizing Conference (GOC) for the year 2020-21 payable during the current financial year 2020-21-reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 1,75,000/- (Rupees One lakh seventy five thousand only) to conduct Conference under the scheme Grant for Organizing Conference (GOC), as per details given below:

1	Name and address of the Beneficiary Institute:	Mangalam College of Engineering, Mangalam Hills, Vettimukal-PO, Ettumanoor, Kottayam-District, Kerala-686631
2	Permanent ID of Institute:	1-14189514
3	Title of Conference:	IEEE SNANO2021
4	Mode of Conference:	Onsite Conferences
5	Level of Conference:	International Level
6	Name of Coordinator:	Dr. Subash T D
6	Name of Co-Coordinator:	Eugene Peter
7	Grant-in-aid Sanctioned:	Rs. 3,50,000/- (Rupees Three lakh fifty thousand only)
8	Amount to be released during the year 2020-21 as 1 <sup>st</sup> Instalment (50% of grant sanctioned:	Rs. 1,75,000/- (Rupees One lakh seventy five thousand only)
9	Sanctioned grant-in-aid is debitable to:	Major Head 601. 17 (a) Gen (GOC) Plan Head

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the Grant-In-aid bill and shall be disbursed to and credited to the account of Registrar/ Director/ Principal of the Institute through RTGS.
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

**The Instructions/guidelines to be followed by college/ Institution**

**I. Release of funds**

- The Principal/ Director of the Institute and the Coordinator of the Conference are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, against which the grant is being released:

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

AQIS ID: 19237474311

Control with Com-Section



Dated: 25<sup>th</sup> February, 2021

F No.67- 55/IDC/GOC/POLICY-1/2020-21

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AADTSRIS 9R	AXIS BANK	Ettumanoor	551 Ettumanoor Bypass Road Kovilpadam Road Ettumanoor P O Kottayam Kerala Pincode 686631. Ettumanoor - Kerala	Mangalam College of Engineering	Saving Account	00000091801007 1510562	ITIB00032 13

In case of any omission the same should be reported to AICTE immediately.

- First instalment i.e. 50% of the grant sanctioned is being released as advance to the institute.
- 2<sup>nd</sup> instalment will be released on receipt of requisite documents after successful conduct of conference.
- This sanction is issued in exercise of the powers delegated to the Council and other terms and condition laid down in the guidelines of the scheme.

## II. Limit of Funding

- The grant from AICTE will be one-third (limited to Rs. 3,50,000/-) of the total expenditure incurred for organizing the Conference and rest amount i.e. two-third of total expenditure will be managed by institute itself.

## III. Utilization of funds

- Funds once released/sanctioned for organizing the particular Conference cannot be utilized for any other programme/ conference.
- 10% of the funds sanctioned by AICTE should be utilized for registration fee of participants belonging to SC/ST category.
- At least 15% and 25% participation from other states is must for onsite conference and online conference respectively.
- Papers from host institution should not be more than 10% of the total papers.
- Coordinator will maintain an electronic record of papers, participants, their institution & its location, to ensure that norm of Pan-India participation, overseas participants in International Conferences and papers from local faculty, are adhered to and also shared with AICTE.

## IV. Maintenance of accounts

- The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondence related to the conference must contain the number of this letter alongwith year of sanction of the conference failing which correspondence will not be entertained.
- The institute shall maintain proper accounts of the expenditure out of the grant and the Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.

## V. Refund of grant to AICTE (by way of a demand draft in favour of Member Secretary, AICTE, New Delhi)

- In case the event is cancelled, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- The grant shall be refunded to AICTE if the Letter of Approval (LOA) or Extension of Approval is not issued by AICTE to the institute for the academic year 2020-21.

Dated- 25<sup>th</sup> February, 2021

F. No.67- 55/IDC/GOC/POLICY-1/2020-21

- c. The proposed/approved Conference shall be conducted within 12 months from the date of receipt of grant. If conference is not conducted within stipulated time period, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE within one month, failing which penalty @ 18% will be levied.
- d. Interest accrued on the grant released, shall be refunded to AICTE.
- e. No payment is permissible against the conference already conducted. Institutions are liable to refund the grant if received after the conduct of conference and have no plan of conducting the conference ahead.
- f. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

#### VI. Documents to be uploaded on AICTE Dashboard/ Portal

##### On receipt of grant:

The Acceptance Letter with dates of Conference, within 7 days from the date of receipt of the Sanction Letter duly signed and seal affixed by Coordinator and Head of the Institutions along with permission/clearance of Govt. of India for Organizing Conference.

##### After conduct of the Conference:

Institute has to fill up Report on AICTE dashboard/ portal and upload following documents:

- a. Copy of proceedings of conference
- b. Feedback of the participants.
- c. Geotagged photographs (maximum 15) of the conference.

#### VII. Submission of documents by institute after conduct of conference

The following documents must be submitted to AICTE within a period of one month, from the date of conduct of Conference:

- a. Utilization Certificate and Statement of Accounts in prescribed format duly audited by the Chartered Accountant in the case of a private institution and by the Finance Officer/Account Officer in respect of government/government- aided institution.
- b. Supporting bills/documents on account of expenses incurred for the purpose duly attested by the Head of the Institute.
- c. Soft copy of final report submitted on portal as mentioned above (in section VI).

#### VIII. General instructions

- a. Any change in the programme for holding Conference, change of Coordinator name, Venue and Date should be effected only after prior approval of the Council, failing which the sanction for the grant already issued would be treated as automatically withdrawn.
- b. The assets acquired wholly or substantially of the All India Council for Technical Education's grants shall not be disposed or encumbered or utilized for the purposes other than those for which it was given without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.
- c. The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/support from AICTE, carrying the Logo of AICTE in conference and other means.
- d. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order/circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- e. In respect of international conference, additional guidelines at Annexure-I have to be followed.

AQIS ID: 1-923747431

ANGALAM COLLEGE OF ENGINEERING  
ENGLAND

**Utilization Certificate**  
for the financial year: 2020-2021

Name of Institute with PID: 1-14189514

Name of the Scheme under which Grant was sanctioned: Grant for Organizing Conference (GOC)

AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Sanctioned (Rs.)	CERTIFICATE
<p>F. No.67-55-IDC/GOC/POLICY-1/2020-21 dated 25/02/2021</p>	<p>Rs. <u>3,50,000</u></p> <p>Rs. <u>1,75,000</u> (Released) (for Non-recurring)</p> <p>Rs. _____ (for recurring)</p>	<p>Certified that out of the grant-in-aid of Rs. <u>Three Lakhs Fifty Thousand only</u></p> <p>(in words) sanctioned by the AICTE during the Financial Year <u>2020-2021</u> as per letter mentioned in the margin, Rs. <u>0 (Zero)</u> on account of unspent balance of previous year + Rs. <u>0 (Zero)</u> on account of Interest, a sum of Rs. <u>4,68,454 (Four Lakh Sixty Eight Thousand Four Hundred and Fifty Four)</u> has been utilized for the purpose for which it was sanctioned, and the balance of Rs. <u>0 (Zero)</u> remained unutilized at the end of the year <u>2020-2021</u>.</p>

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

1. Audited Annual Accounts of the Institute
2. Receipt & Payment Account of the Institute
3. Periodical Progress Report of the Institute

Signature of Chartered Accountant

Name of CA: PRATHIK LENIN

Membership No.: 240004

Full Address: PUNEYANATHUNNATHI

[with seal] VEPALLY, 686633.

(mandatory for self-financing Institutes)

(Signature of the Finance Officer)

Name: N. JOB ABRAHAM

Designation: AGM (Finance & Admin)

Full Address: Mangalam College of Engineering

[with seal]

(Govt. Govt Aided/University & wherever applicable)

Place: Ettumanoor

Date: 05-07-2021

(Signature of Head of the Institute)

Name: A. V. John

Designation: Principal

Full Address: Mangalam College of Engineering

[with seal]

Ettumanoor.



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING





Principal  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor


## Statement of Expenditure

Name of Institute with PID: Mangalam College of Engineering Ettumanoor PID: 1-14189514  
 AIT File No. : F No 67- 55-DC GOC/POLICY- 1/2020-21 dated 25/02/2021  
 Title of the Conference : 2021 IEEE International Conference on Nanoelectronics, Nanophotonics,  
 Nanomaterials, Nanobioscience & Nanotechnology (5NANO 2021)  
 Name of the Coordinator :Dr. F D Subash

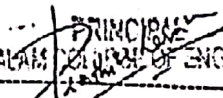
Sanction Order No. & Date	Grant Sanctioned	Details of expenditure Incurred Item wise	
		Item/Activities	Amount (in Rs.)
F. No 67- 55-DC GOC/POLICY- 1-2020-21 dated 25/02/2021	Rs. 3,50,000/- (Rupees Three Lakh fifty thousand only)	1. Publicity Work	Rs.4,428.54/-
		2. Conference Kit	Rs. 1,40,367.11/-
		3. Venue Arrangements	Rs.14,529.60/-
		4. Travelling Expenses	Rs.46,309.58/-
		5. Food	Rs.35,400/-
		6. Printing Materials	Rs.29,795/-
		7. Remuneration to Venue Chairs	Rs.25,000/-
		8. Publication Charge	Rs.1,51,936.80/-
		9. Travel Grant	Rs.15,000/-
		10. Postal/Courier Charge	Rs.5,687.60/-
		<b>Total Expenditure</b>	
<b>1/3rd of the Total Expenditure</b>		<b>Rs 1,56,151.41/-</b>	
<b>Grant Received</b>		<b>Rs.1,75,000/-</b>	

(1)   
 Signature of Coordinator  
 [with Seal]

(2)   
 Name and Signature of Head of Institution  
 [with Seal]

(3)   
 Signature (with Seal) of the Finance Officer  
 Accountant/Auditor/Accounts Officer  
 (If it is Govt./Govt. Aided Institute)  
 Kottayam  
 Kerala-686631

Date: 19/07/21

(4)   
 Name of Chartered Accountant: PRATHIK LENIN  
 Membership No: 240004  
 Rubber stamp:  
 Full Address of  
 CA: PUELYANATHMUNDAL  
 VEMPAKKY, 681633 M.No. 240004

Note:-If it is more than one page, each page must be signed & Stamped in all annexure



PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING

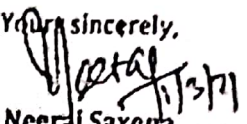
Scanned with CamScanner

Dated 25<sup>th</sup> February, 2021

F. No 67-55/IDC/GOC/POLICY-1/2020-21

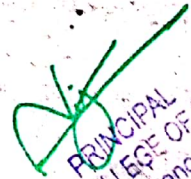
- f In respect of Online/ e- Conference, additional guidelines at Annexure-II have to be followed;
- g This Sanction Letter may be treated as Offer Letter for all purposes.

Yours sincerely,

  
Dr. Neeraj Saxena  
Advisor (IDC)

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator**  
Dr. Subash T D  
Mangalam College of Engineering,  
Mangalam Hills, Vettimukal-PO, Ettumanoor,  
Kottayam-District, Kerala-686631
2. **The Registrar / Director / Principal**  
Mangalam College of Engineering,  
Mangalam Hills, Vettimukal-PO, Ettumanoor,  
Kottayam District, Kerala 686631
3. **Guard File**

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Feedback Form

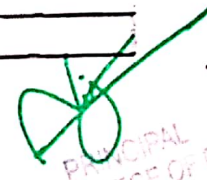
### Grant for Organizing Conference (GOC)

1. Name of the Convener/Coordinator: Dr. T D Subash
2. Name and Address of the Institution with PID: Mangalam College of Engineering  
Ettumanoor. PID: 1-14189514
3. Details of Events: 2021 IEEE International Conference on Nanoelectronics, Nanophotonics,  
Nanomaterials, Nanobioscience & Nanotechnology (5NANO 2021)
4. Dates of event from 29/04/2021 to 30/04/2021
5. Venue: Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
6. Total no. of participants: 98
7. Details of Grant:

AICTE's Sanction Order No. with date	Grant Sanctioned (in Rs.)	Grant Released (in Rs.)	Total expenditure incurred in organizing conference
F. No.67- SSDC/GOC/POLICY- 12(20-21) dated 25/02/2021	Rs. 3,50,000/- (Rupees Three lakh fifty thousand only)	Rs. 1,75,000/- (Rupees One lakh seventy five thousand only)	Rs. 4,68,454/- (Rupees Four Lakhs Sixty Eight Thousand Four Hundred and Fifty Four only)

8. Grant received from various agencies other than AICTE for the scheme.

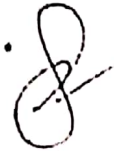
S. No.	Name of Funding Agency	Grant Received (in Rs.)
	Nil	
<b>Total</b>		<b>0</b>

  
 PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING  
 Ettumanoor

a) Details of internal revenue, if any, generated by the Institution/ Department on account of this Conference - Nil

10) Briefly mention about the technological/ academic/ or any other benefit generated by conducting this Conference with respect to a) the institution, b) the faculty, c) students; d) industry - society

This conference provided a wonderful opportunity for the researchers to enhance their knowledge about the newest interdisciplinary approaches in Nanoscience and Nanotechnology. Also, the conference offered a valuable platform for the young researchers to create new contacts in the field of Nanoscience and Nanotechnology, by providing valuable networking time for them to meet great personnel in the field.



-----  
Name & Signature of Coordinator  
[with seal]

**Dr. T.D. SUBASH**  
Professor  
Department of Electronics & Communication Engineering  
Mangalam College of Engineering  
Ettumanoor, Kottayam, Kerala - 686 631



-----  
Name & Signature of Head of Institute  
[with seal]

**Dr. A.V. Thomas.**  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor