



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91-4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

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Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL

Jyothi Engineering College

Cheruthuruthy P.O.- 679 531

Dr. P.V. UNNIKRISHNAN
MEMBER SECRETARY, KDISC &
EX OFFICIO SECRETARY TO GOVERNMENT
Planning and Economic Affairs
(Innovation and Development) Dept.



388/2021/KDISC (3)

24 Feb 2022

Dear Madam / Sir,

Sub: Invoice from Mentor institutions (MI) - ODOI Innovation Cluster program -reg

Ref: 1) EOI to undertake preparation of innovation action plan for MSME cluster development - ODOI program dated 15-01-2021
2) Proceedings (15/2021/KDISC dated 22/11/2021) para 7
3) MOU with MI and KDISC dated 08 Dec 2021

As per EOI and MOU submitted by the Institution, KDISC is pleased to award the work on Action plan preparation on the identified MSME clusters.

In continuation with mentor development programs and review on potential clusters identified for detailed study and diagnostic report preparation by your institution, it is here by requested to submit an invoice towards the expenses.

The first instalment is 20% of the total sanctioned amount (Rs 91400) will be released on receiving the invoice from the Mentor institutions.

The details of potential clusters requiring Innovation intervention identified and reviewed by the institution for completing the study are provided below.

Name of Institution	Name of cluster	Total Amount Sanctioned (Rs)
Jyothi Engineering College	Kuthampalli Cluster	457000

The institution(s) should complete the stipulated work adhering to the estimates provided. No further payments shall be made for the work/time spent beyond the estimated amount of days/work. Institution(s) are directed to furnish a statement audited by a chartered accountant after completion of the project.

Looking forward to your continued support towards the ODOI program.

Yours Sincerely,

Dr. P. V. Unnikrishnan

Biju CV
Professor
Jyothi Engineering College
Thrissur

True Copy Attested

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Invoice for ODOI Cluster Innovation Programme

Date : 2nd March, 2022

From

Jyothi Engineering College
Mentor Institution for Kuthampalli Cluster
Cheruthuruthy, Thrissur

To

ODOI programme, KDISC
P.O. Thycaud
Thiruvananthapuram-14

The expenses incurred for the project (Phase-1) of ODOI allotted to the Jyothi Engineering College, mentor institution is given below.

Sl No.	Description	Rate	Quantity	Total
01	Faculty visit (4 faculty, 5 visit)			
1.1	# Travel (6 km @ 20 Rs)	1460	20	29,200
1.2	# faculty allowance	100	20	2,000
2	Expert Visit			
2.1	# Expert allowance	5000	4	20,000
2.2	# Expert travel	1500	4	6,000
3	Student Visit			
3.1	# Student travel	300	32	9,600
3.2	# Student stipend	800	32	25,600
4	Report preparation (stationery)			900
	(Total)			93,300
	(Ninety-three thousand and three hundred only)			

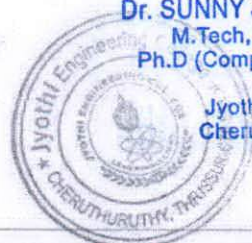
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Name and Signature of
Head of the Institution

Dr. SUNNY JOSEPH KALAYATHANKAL
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Name and Signature of
Principal Investigator

Dr. SUNNY JOSEPH KALAYATHANKAL
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Report of the visit carried out to Kuthampully Handloom Cluster

Principal Investigator of the project **Dr. Biju CV** and the Academic Director Fr. Dr. Jose Kannampuzha of Jyothi Engineering College, Cheruthuruthy, mentor institution of the Kuthampully Handloom Cluster allotted under ODOI scheme of KDISC, visited all the four registered societies on 20th Jan 2022.

All the four societies, namely

1. Kondazhy Handloom Weavers Industrial Workshop Co-Operative Society Ltd. (Estd: 1980)
2. Eravathody Handloom Weavers Co-Operative Society Ltd. (Estd: 1941)
3. Thiruvilwamala Handloom Weavers co-operative society Ltd (Estd : 1956) &
4. Kuthampully Kaithari Naithu Vyavasaya Sahakarana Sangam (Estd: 1972)

mainly produce Kerala Saree (65%), Normal Saree (15%) and Dhothi (10%). In addition to these conventional products, as per the policy of the State Government, all the units also produce school uniforms at the request of the Government Departments. Among the four societies, only the first one is registered as factory type whereas the remaining three societies are registered in the cottage category.

All the handloom units were profitable till 2010 and large number people were attracted to this industry. Later the challenges mainly from power looms adversely affected the sector. Presently average daily income of an employee in this sector is around Rs 300. Therefore only 5% of the installed capacities of the units are utilised in the cluster.

The possible areas of improvement for the rejuvenation of the handloom sector can be listed as follows

1. Presently the reach of the products are very limited. Hence online marketing strategy can be introduced.
2. The customers feel difficulty to identify handloom and powerloom products. This often limits the comparison to the price; therefore the market of handloom products is adversely affected. Hence, government can introduce standard trade mark to identify the handloom products in the market.
3. Either exclusive or in association with the apex body in the handloom sector – HanTex, official outlets for the handloom products may be started in cities. Presently, Hantex is selling the products collecting from the Handloom products from the Societies. But the societies are not getting their money immediately after the sales of the products from Hantex. This is detrimental to the cash flow and the societies are taking OD for higher interest rate for the working capital. Instead of the intermediate role of Hantex, direct marketing can be entertained to a large extent.

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4. In order to reduce the physical effort in the production of handloom products, without affecting the process and quality of the products, semi automation can be introduced.
5. The number of threads per square inch (ranges from 20-120) is the measure of thickness of the cloth. Presently the customers cannot understand such features of the product. Hence a well designed specification slip can be attached to the products.
6. Presently the purchase of the raw materials is made separately by the societies. Often this leads to higher rate and also large fluctuation of price in different assignments. In order to address this issue, a Common Facility Center (CFC) may be introduced to both raw materials and finished products.
7. As the income from the handloom sector is not attractive, educated youngsters are not interested in this domain. Hence a training centre with, computer based design, Jaquard modeling, Card punching etc. can be introduced. The application of modern technology will definitely improve the productivity and range of customized products.
8. More number of exhibitions can be planned in schools, colleges etc. This will provide better understanding of the handloom products in the public.
9. Now the government rebate is limited for the festival season sales in the exhibition centers. This can be extended to throughout the year. Action should be initiated to expedite the sanction of the rebate amount to the societies at the earliest.
10. To provide the awareness of the handloom weaving process, with the support of the mentor institution, a portable hand loom weaving unit can be developed and the process can be demonstrated in the exhibition centers.

The action plan to accomplish the above mentioned objectives shall be communicated immediately.

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From

Biju CV
Professor- ME Dept.
JECC

Cheruthuruthy
23rd Mar 2022

To

The Executive Manager
Jyothi Engineering College
Cheruthuruthy -

Respected Fr,

Sub: Request to constitute a Technical Consultancy team for KDISC – funded project

As per the order 388/2021/KDISC (3), Jyothi Engineering College received a grant of Rs. 4,57,000/- under ODOI scheme for the rejuvenation of the “Kuthampally Handloom cluster”. Also an offer of Rs. 3,00,000/- towards the consultancy work related to the implementation of portable handloom unit has been received from M/s Kalyan Silks, Thrissur. In order to execute the project a competent team comprising the following members may be officially constituted.

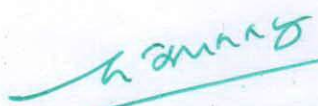
1. Rev. Fr. Jose Kannampuzha – Director (Industry Connect)
2. Mr. Jinesh K.J. Manager (I & E)
3. Dr. Biju CV, Professor ME Dept.
4. Mr. Anil Antony, Nodal Officer (IEDC)
5. Mr. Bineesh M, Asst. Professor (CS Dept.)
6. Mr. Suneeth Sukumaran Asst. Professor (ME Dept.)

Kindly give direction in this regard. I also request you to grant permission to conduct a meeting for the preparation of the action plan.

Thanking You

Yours faithfully

Biju CV


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Fwd: Appreciation of Submission/Status - Mapathon Keralam - Municipality Mapping

1 message

Vincy Verghese <vincyverghese@jecc.ac.in>
To: "Dr. Prajoon P" <prajoonp@jecc.ac.in>

Fri, Mar 25, 2022 at 10:04 AM

----- Forwarded message -----

From: **HOD CE** <hodce@jecc.ac.in>

Date: Thu, Jan 6, 2022 at 4:04 PM

Subject: Fwd: Appreciation of Submission/Status - Mapathon Keralam - Municipality Mapping

To: Fr.Roy Joseph Vadakkan <fr.royjoseph@jecc.ac.in>, Rev. Dr. Jose Kannampuzha <frkjose@jecc.ac.in>, Dr Sunny Joseph Kalayathankal <principal@jecc.ac.in>, Ratnan P <ratnan@jecc.ac.in>

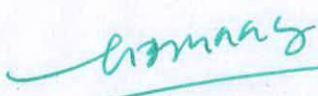
Cc: <civil-jyothi-faculties@googlegroups.com>

Dear Father/Sir,

We have just completed the Mapathon project - Shornur Municipality sponsored by Kerala State IT Mission. The appreciation mail from KSITM to KTU is given below. 18 colleges have completed their work on time and 13 colleges are yet to complete. Mr. Parthiban, AP coordinated the work. S7 & S5 CE students supported well during execution. All necessary help from Shornur Municipality was provided by Mr. Pramod, Secretary.

KSITM will make the payment soon..

True Copy Attested


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Cheruthuruthy P.O. - 679 531



We are thinking of mapping the bamboo plantations in our campus in Google Map/Open Street Map.

Warm regards

Dr. Jacob Chandapillai
Professor & Head of Dept.
Dept. of Civil Engineering

----- Forwarded message -----

From: **Parthiban P** <parthibanp@jecc.ac.in>
Date: Thu, Jan 6, 2022 at 2:38 PM
Subject: Fwd: Appreciation of Submission/Status - Mapathon Keralam - Municipality Mapping
To: HOD CE <hodce@jecc.ac.in>

True Copy Attested

----- Forwarded message -----

From: **iac KTU** <iac@ktu.edu.in>
Date: Thu, Jan 6, 2022 at 11:18 AM
Subject: Fwd: Appreciation of Submission/Status - Mapathon Keralam - Municipality Mapping

Sunny
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Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

To: <colleges@ktu.edu.in>

Cc: dean research <deanresearch@ktu.edu.in>, Registrar KTU <registrar@ktu.edu.in>

Dear Madam/ Sir,

This is with reference to the **OSM (Open Street Mapping) project of KSITM being facilitated by KTU with affiliated colleges.**

Please find a letter of appreciation (refer trailing mail) as provided by KSITM recognizing colleges and faculty PoCs (Point of Contacts) who have completed the project successfully. Congratulations to all faculty PoCs for driving this project to completion within the timelines and quality criteria set by KSITM.

Our sincere thanks to all Principals and Faculty PoCs for their support and cooperation in instilling a sense of confidence to Govt. Depts/ Institutions for sharing such project opportunities with all our affiliated colleges in an inclusive manner. We are looking forward to more such projects from various institutions with your support.

Requesting colleges which are pending completion to expedite their activities and ensure project completion asap.

Thank you

Kind regards



Industry Attachment Cell,
APJ Abdul Kalam Technological University,
Thiruvananthapuram.

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----- Forwarded message -----

From: **Anu Murali** <anumurali.ksitm@kerala.gov.in>

Date: Tue, Jan 4, 2022 at 5:32 PM

Subject: Appreciation of Submission/Status - Mapathon Keralam - Municipality Mapping

To: iacordinator <iacordinator@ktu.edu.in>

Cc: Arun KSDI <arun@icfoss.in>, Rajeev Panicker <head-tech.ksitm@kerala.gov.in>

Dr. SUNNY JOSEPH KALAYATHANKAL
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Chidambaram, P.O.- 679 531

Dear Sir,

Greetings from Kerala State Spatial Data Infrastructure (KSDI), Kerala State IT Mission (KSITM)

On behalf of the KSDI, I would like to extend our appreciation to the following 18 colleges for the successful submission of mapping work

(Institution Mapping and Ward Mapping) done for the Mapathon Keralam in Urban Local Bodies. The cooperation of SPoCs and the timely completion of mapping by these institutions have impressed us immensely. Thank you once again for all the great effort you have made in making our own local maps for Rebuilding Kerala.

#	Institution	SPoC	Municipality
1	St. Thomas Institute for Science & Technology, TVM	Asish Prasad	Attingal
2	Amal Jyothi College of Engineering, Kanjirappally	Jerin Thomas	Changanassery
3	Providence College of Engineering, Chengannur	Reshma Rajendran B	Chengannur
4	Christ College of Engineering, Irinjalakkuda	Prabhasankar VP	Irinjalakkuda
5	College of Engineering, Pathanapuram	Biji S	Karunagapally
6	LBS College of Engineering, Kasaragod	Radhika Nair N J	Kasaragod
7	Mar Baselios Christian College of Engineering & Technology, Idukki	Mervin Ealiyas Mathews	Kattappana
8	Universal Engineering College, Thrissur	Anupama Jinan	Kodungallur
9	Trinity College of Engineering	Adarsh MS	Neyyattinkara
10	MES College of Engineering and Technology, Ernakulam	Margrette Mary James	North Paravur
11	St. Joseph's College of Engineering and Technology, Palai	Austin T. Sabu	Pala
12	UKF College of Engineering and Technology, Kollam	Unnimaya K S	Paravur
13	Toch Institute of Science & Technology, Ernakulam	Dr. Vasudev R	Piravom
14	Vedavyasa Institute of Technology, Malappuram	Sreejith C	Ramanattukara
15	Jyothi Engineering College, Thrissur	Parthiban P	Shornur
16	Sree Buddha College of Engineering, Pattoor	Cinaya Tony	Pandalam
17	Jawaharlal College of Engineering & Technology, Ottapalam	Seena PS	Ottapalam
18	St Thomas College of Engineering and Technology, Alappuzha	Harindranath .S	Thiruvalla

Submission Status of Remaining Colleges (13 Nos)

- Partially Submitted: 7 Nos
- Not Submitted: 6 Nos

The remaining colleges are expected to be submitted on or before 10 January 2022.

True Copy Attested

Thank You

Anu Murali
 Spatial Data Officer
 Kerala State Spatial Data Infrastructure (KSDI)
 Kerala State IT Mission (KSITM)
 Tel: +914712525444 Extn 4507

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--
Regards,

Parthiban P
Assistant Professor in Civil Engineering,
Jyothi Engineering College,
Vettikattiri P.O., Panjal Road
Cheruthuruthy, Thrissur 679531.
Ph.No: +91-9500205767

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Jyothi Engineering College, Cheruthuruthy

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You received this message because you are subscribed to the Google Groups "civil-jyothi-faculties" group.
To unsubscribe from this group and stop receiving emails from it, send an email to civil-jyothi-faculties+unsubscribe@googlegroups.com.
To post to this group, send email to civil-jyothi-faculties@googlegroups.com.
To view this discussion on the web visit <https://groups.google.com/d/msgid/civil-jyothi-faculties/CAMhU5uZrZ%3DcBtpaEZzPwjfwv3-8hTR4HotFRBA%3DTJxvqk%2B%3DkA%40mail.gmail.com>.
For more options, visit <https://groups.google.com/d/optout>.

--
Regards,

Vincy Verghese
Assistant Professor in Civil Engineering,
Jyothi Engineering College,
Vettikattiri P.O., Panjal Road
Cheruthuruthy, Thrissur 679531.

Sunny Joseph

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To

Date: 29-12-2021

The Director
Saankethika, Vrindavan Gardens,
Near EPF Office, P.O, Pattom,
Thiruvananthapuram, Kerala 695004

PROFORMA INVOICE		
Name and Address of Client	The Director Saankethika Vrindavan Gardens, Near EPF Office, P.O, Pattom, Thiruvananthapuram, Kerala 695004	
Name of project	OpenStreetMap Based Geo-Mapping of Urban Local Bodies for Mapathon Keralam	
Agreement Number	KSDI/5/2019-KSITM	
Municipality Name	SHORNUR	
SI No	Particulars	Amount (in INR)
1	Institution Mapping	36,000.00
2	Ward Mapping	12,000.00
TOTAL		48,000.00
Amount in Words: Rupees Forty eight thousand only.		
Bank Account Details for the Payment		
Name of the Account Holder : Jyothi Engineering College		
Bank Name : Federal Bank		
Branch Name : Cheruthuruthy		
Account Number: 15250100001019		
IFSC Code: FDRL0001699		

True Copy Attested

Ammy



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www.jecc.ac.in | Email : info@jecc.ac.in

SI No	Institution	Municipality	Approved Rate by KSDI/KSITM
1	College of Engineering and Management, Punnapra	Alappuzha	50000
2	KMEA Engineering College, Aluva	Aluva	50000
3	Amal Jyothi College of Engineering, Kanjirappally	Changanassery	49000
4	IES College of Engineering, Chittilappilly	Guruvayur	45000
5	Christ College of Engineering, Irinjalakkuda	Irinjalakkuda	50000
6	LBS College of Engineering, Kasaragod	Kasaragod	60000
7	Thejus Engineering College, Thrissur	Kunnamkulam	50000
8	Mar Baselios College of Engineering and Technology, TVM	Nedumangad	50000
9	Trinity College of Engineering	Neyyattinkara	50000
10	St. Joseph's College of Engineering and Technology, Palai	Pala	41100
11	St Thomas College of Engineering and Technology, Alappuzha	Thiruvalla	42000
12	Mangalam College of Engineering, Thodupuzha	Thodupuzha	60000
13	Muthoot Institute of Technology & Science, Ernakulam	Thrippunithura	46000
14	MES College of Engineering, Malappuram	Tirur	41300
15	Sree Narayana Institute of Technology, Adoor	Adoor	44000
16	Federal Institute of Science and Technology, Angamaly	Angamaly	50000
17	St. Thomas Institute for Science & Technology, TVM	Attingal	50000
18	ICCS College of Engineering and Management, Thrissur	Chalakkudy	50000
19	College of Engineering, Pathanapuram	Karunagapally	50000
20	Universal Engineering College, Thrissur	Kodungallur	50000
21	M.Dasan Institute of Technology, Kozhikode	Koilandy	46000
22	Mar Baselios Institute of Technology and Science, Nellimattom	Kothamangalam	50000
23	MES College of Engineering and Technology, Ernakulam	North Paravur	48500
24	Jawaharlal College of Engineering & Technology, Ottapalam	Ottapalam	50000
25	UKF College of Engineering and Technology, Kollam	Paravur	50000
26	Musaliar College of Engineering and Technology, Pathanamthitta	Pathanamthitta	50000
27	MEA Engineering College	Perinthalmanna	50000
28	Jyothi Engineering College, Thrissur	Shornur	48000
29	Rajadhani Institute of Engineering and Technology, TVM	Varkala	50000
30	Providence College of Engineering, Chengannur	Chengannur	45000
31	Lourdes Matha College of Science and Technology, TVM	Ettumanoor	45000
32	Carmel College of Engineering and Technology, Punnapra	Haripadu	45000
33	Mar Baselios Christian College of Engineering & Technology, Idukk	Kattappana	45000
34	MGM College of Engineering and Technology, Ernakulam	Koothattukulam	45000
35	Baselios Mathews II College of Engineering	Kottarakara	45000
36	Sree Buddha College of Engineering, Pattoor	Pandalam	45000
37	Toch Institute of Science & Technology, Ernakulam	Piravom	45000
38	Vedavyasa Institute of Technology, Malappuram	Ramanattukara	45000
39	Vidya Academy of Science & Technology, Thrissur	Vadakkanchery	45000
40	MGM College of Engineering and Pharmaceutical Sciences, Malap	Valanchery	45000

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Sunny

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ENTITIES TO BE MAPPED IN OPEN STREET MAP

Sl No	Item
1	Government Offices
2	Educational Institutions (Colleges/Schools) <ul style="list-style-type: none">• Primary and Upper Primary Schools• High Schools• Higher Secondary Schools• ITIs and ITCs• Colleges• Polytechnics
3	Anganavadi
4	Hospitals/Health Care Institutions/ PHC/CHC/FHC
5	Veterinary Hospitals / Dispensary
6	Auditoriums/Community Centers/Hostels
7	Rehabilitation centers/Palliative care Centers
8	Library
9	Apartments / Flats
10	LIG / Colony / Dwellings
11	Ration Shop
12	Public Market
13	Playground / Green spaces/Parks
14	Public Toilets
15	Pond/Swimming pool
16	Ward Boundary

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