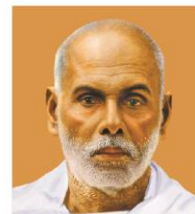


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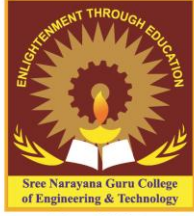


3.1 Resource Mobilization for Research

3.1.1 Grants received from government and non-government agencies for research projects/endowments in the institutions during the last five years

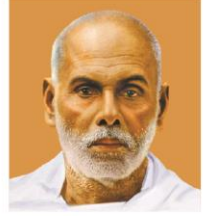
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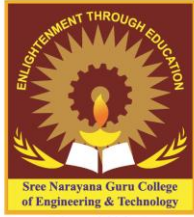


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SANCTION ORDERS



Sree Narayana Guru College of Engineering & Technology

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



MSME

Entrepreneurship Awareness Programme on - Proposal @

SNGCET, Payyannur

Tentative dates- 08th December 2023

For Whom- Anyone working in a company interested in understanding digital marketing to work through an agency for their organizations, or professionals/entrepreneurs who want to use this for promoting themselves.

Madam,

This is with reference to the telephonic discussion you had with the undersigned on proposed Entrepreneurship Awareness Programme on December 8, 2023 at SNGCET, Payyannur, Kannur. In this connection it is informed that, the programme structure is as follows:

- 1) Inauguration- 30 minutes
- 2) Entrepreneurial Motivation- 90 minutes
- 3) Govt Licensing and Schemes offered by State Industries Department for setting up a MSME unit.
- 4) Support services offered by Financial Institutions for MSME sector
- 5) Schemes and Policies offered by Ministry of MSME, Govt of India including PM-VIKAS.

Following arrangements may be made for jointly organizing the programme as given below:

Arrangements to be made by MSME-DFO,

Arrangements to be made by SNGCET Ensure
minimum participation of 100- 150 no: of
aspiring and existing entrepreneurs above 18
years old.

Thrissur

with your organization

Publicity matter will be prepared and shared

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PRINCIPAL
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PAYYANUR, KANNUR

| | |
|---|---|
| <p>Infrastructural support (hall, seating arrangements, PA system, LCD projector etc.) may be made available at free of cost, since this is a Govt programme.</p> | <p>Faculties/ Resource persons will be arranged for the programme and the honorarium will be paid directly to them.</p> |
|---|---|

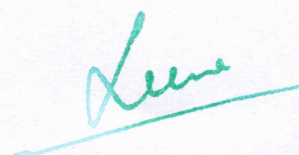
Working Lunch, Tea and Snacks may be arranged for participants. The expenditure will be met by MSME DFO, Thrissur on submission of proper bills/ receipts. (Maximum amount that

can be utilized is Rs.10,000/-) Banner, Writing Pad, Pen, Brochures etc will be issued

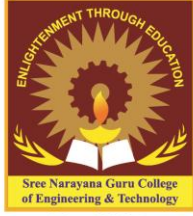
Kindly revert at the earliest, so as to do further necessary arrangements.

Yours Faithfully,

Rekha.K
Assistant Director
For Joint Director & HoO

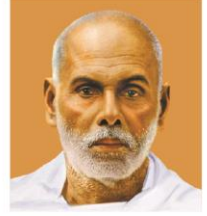


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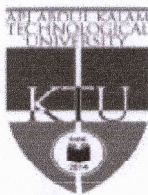


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PERUMBA RIVER



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET campus, Thiruvananthapuram - 695 016

Ph: 0471 2598122; Fax: 2598522 www.ktu.edu.in Email: university@ktu.edu.in

No. KTU/ASST6(ACADEMIC)/659/2021

Dated: 05.02.2021

From

The Dean (Academic)

To

All Affiliated Colleges

Sub:- APJAKTU - ACADEMICS - Order from Higher Education Department - Abating Pollution in the Rivers of the State - Collaboration between Engineering Colleges and Water Resources Department for Detailed Project Report preparation of 21 River stretches identified by Central Pollution Control Board - reg.

Ref:- 1. G.O.(Rt)No.70/2021/HEDN dated 13.01.2021.

I am forwarding here with the Government Order pertaining to the expected scientific and technical collaboration between the Engineering colleges and the Department of Water Resources of the Government of Kerala inviting detailed project proposals/reports for the effective management of water quality by controlling the pollution of the water bodies/rivers of our state.


May I request you to convene a meeting with resourceful faculty, research scholars and student community to offer your Institutional support and collaboration on the matter. Kindly circulate the Government Order to all concerned.

Yours faithfully

Dr.S. Ayoob *

Dean (Academic) in Charge
(For The Dean (Academic))

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.


Dr. LEENA A V
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GOVERNMENT OF KERALA

Abstract

Higher Education – Abating Pollution in the Rivers of the State - Collaboration between Engineering Colleges and Water Resources Department for Detailed Project Report preparation of 21 River stretches identified by Central Pollution Control Board – Orders issued.

HIGHER EDUCATION (J) DEPARTMENT

G.O.(Rt)No.70/2021/HEDN Dated,Thiruvananthapuram, 13/01/2021

- Read 1. Order dated 20-09-2018 of the National Green Tribunal in OA No. 673/2018
2. Minutes of the meeting conducted on 27-11-2020 and 03-12-2020 on the topic abatement of Pollution in the rivers in the State

ORDER

The National Green Tribunal in its order read as 1st paper above, has directed urgent steps towards abatement of pollution and rejuvenation of the 21 rivers identified as "critically polluted" in the State.

2. As directed, Water Resources Department (WRD) started the formulation of the action plans for abating pollution in the critically polluted rivers of the State. As a first step, it was decided to collaborate with Engineering Colleges so that the domain knowledge of the faculty, the spirit of scientific enquiry of the students and the experience of the officers of WRD can be utilised to develop and implement innovative and effective solutions for the abatement of pollution in these rivers. There has been a very good response from the colleges to this initiative.

3. Government have examined the matter in detail and are pleased to order the following:

i) All the Engineering Colleges enlisted in the Annexure, appended with this order, may carry out the site visits; data collection; compilation of data (primary and secondary); testing of water quality, content and composition of pollutants; documentation of the results and preparation of actionable DPRs, through the identified faculty and their students. DTE shall extend all necessary support to the Engineering College faculty and students so that the actionable DPRs are prepared by 28.02.2021 and taken up for implementation in this Financial Year itself.

ii) TKM College of Engineering, Kollam is entrusted with developing a common template for the preparation of the DPR.

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iii) The Registrar, APJ Abdul Kalam Technological University Thiruvananthapuram should consider the participation of students in such socially relevant projects for credits/ activity points.

4. WRD shall consider the services of faculty like a consultancy for the project.

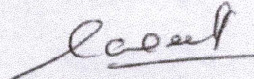
(By order of the Governor)

DR. USHA TITUS
PRINCIPAL SECRETARY


To:

- 1) The Director of Technical Education, Thiruvananthapuram
- 2) The Chief Engineer, Chief Engineer, Irrigation and Administration, Thiruvananthapuram
- ✓ 3) The Registrar, APJ Abdul Kalam Technological University
- 4) Water Resources (ISWC) Department
- 5) The Information Officer, Web & New Media, I&PRD
- 6) www.highereducation.kerala.gov.in
- 7) Stock file/Office Copy

Forwarded /By order


Section Officer




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**PROCEEDINGS OF THE CHIEF ENGINEER, IRRIGATION AND
ADMINISTRATION, THIRUVANANTHAPURAM**

(Present : Alex Varghese)

Sub :- Collaboration between Engineering Colleges and Irrigation Department for DPR Preparation of 21 River stretches identified by CPCB- reg.

Read :-

1. Order dated 20.09.2018 of Hon'ble NGT in OA No. 673/2018.
2. Decision taken in the V.C meeting convened by the Additional Chief Secretary, WRD with the 33 Engineering Colleges in the State held on 27.11.2020 and subsequent meetings.

ORDER NO. PL2/15862/2019 Dated :5/01/2021

The Hon'ble National Green Tribunal (NGT) in OA No 673/2018 dated 20.09.2018 ordered for rejuvenation of the 21 rivers identified as "critically polluted" rivers in the State.

In order to comply the order within a short span of time and with the limited resources the support of good Engineering Colleges in the state was solicited. Thirty three (33) Engineering College have come to collaborate with Water Resources Department for this purpose. Hence it was decided to go ahead with an innovative concept in which the Irrigation department would tie up with good Engineering Colleges spread out in the state through which, the pollution in the 21 critically polluted rivers could be abated by carrying out appropriate interventions in a holistic manner. Through this concept the participating Engineering Colleges would conduct site visit, collect data (primary and



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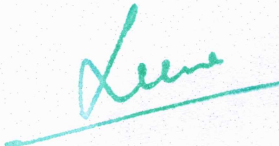
secondary) and conduct series of tests for assessing the level of pollution and prepare Actionable Detailed Project Reports (DPR) for each river.

Collaboration with educational institutions is widely acknowledged as an important medium for exchanging new ideas and innovations, and held to overcome some of the present hurdles faced by the department. The said NGT order too acknowledges the important of educational institutions in such ventures.

The Hon'ble NGT is empowered to penalize defaulters to extreme length for non compliance to their directives. Hence this project is of highest priority for the Department and to the Government of Kerala. Moreover the project gives a rare opportunity for these institutions to work on real life, socially useful projects, making this exercise a win-win situation to all. The example of LSGD effectively utilizing the engineering expertise and experience of Engineering Colleges in DPR preparations during Rebuild Kerala exercise in 2019-20 may be recollected in this context.

In this connection a series of sessions of Techno-academic collaboration meetings were held at Government level, wherein almost 33 Engineering Colleges had participated and expressed their willingness to joint hands with the Water Resources Department for the DPR preparation and preparation of an action plan for the abatement of pollution and rejuvenation of the 21 rivers. Further, with the support and guidance from the Government, this endeavour can bring in tangible results.

In this context, Irrigation Department desires to collaborate with Engineering Colleges and Polytechnics for the preparation of DPRs and preparation of an action plan for the abatement of pollution and rejuvenation of the 21 rivers.



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The Engineering Colleges shall be entrusted with the responsibility of site visit, data collection, compilation of data (primary and secondary), testing of water quality, content and composition of pollution and for the documentation of the results and preparation of actionable DPRs. Appropriate officers will be designated as Nodal Officers for this program of rejuvenation of the river stretches, who shall co-ordinate and take the support of the Engineering Colleges for the proper implementation of the programme. They have to guide and lead the participating Engineering Colleges in this endeavor, so that it is completed in time. This item of task will be made an integral part of their Performance appraisal and form part of Annual Confidential Report 2021. The details of Engineering Colleges who have shown interest, river stretches selected by them and name of Nodal Officer (from Irrigation Department) are listed in Annexure.

All the Engineering Colleges enlisted in Annexure-I are hereby permitted to take up all necessary activities, steps and processes for the expeditious completion of preparation of DPRs for pollution abatement of identified rivers. Respective Nodal Officers shall extend all necessary support to the Engineering College faculty and students so that the actionable DPRs could be completed before 28.02.2021 and take them up for implementation during this Financial Year itself.




CHIEF ENGINEER

**CHIEF ENGINEER
IRRIGATION & ADMINISTRATION
THIRUVANANTHAPURAM**

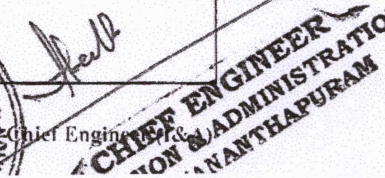

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Annexure - I

| Sl. No | River | District | Stretch/River | Institution/ Colleges which have shown interest | Nodal Officer |
|--------|---------------|------------|--|--|--|
| 1 | Uppala | Kasargod | Poyya to Mulinja | College of Engineering Trikaripur, Cheemeni, Kasargod | Sajeev Kumar V S Executive Engineer, Irrigation Division, Kasargod Mobile No: 9446420664 exe.eng.irrgn.ksd@gmail.com |
| 2 | Mogral | | Along Mogral | LBS college of Engineering college, Kasargod | |
| 3 | Kavvai | Kannur | Along Kavvai | -NIL- | |
| 4 | Kuppam | Kannur | Thaliparamba to Velichangool | Vimal Jyothi Engineering College, Chemperi, Kannur | Besil. J Executive Engineer, Irrigation Division, Thalassery Mobile No: 8606205424 eeidty@gmail.com |
| 5 | Peruvamba | | Along Peruvamba | Sree Narayana Guru College of Engineering And Technology, Payannur | |
| 6 | Ramapuram | | Along Ramapuram | College of Engineering & Technology, Payannur | |
| 7 | Kallayi | Kozhikode | Thekepuram to Arakkinar | Government Engineering College, Kozhikode | Shalu Sudhakaran Executive Engineer, Irrigation Division, Kozhikode Mobile No: 9446310534 eeirrigationkdd@gmail.com |
| 8 | Kuttiyadi | | Along Kuttiyadi | NIT Calicut | |
| 9 | Thirur | Malappuram | Naduvilangadi to Thalakkadathur | 1. KMCT Polytechnic College, Kuttippuram 2. Rajadhani Institute of Science and Technology, Palakkad | Suja K S Executive Engineer, Irrigation Division, Malappuram Mobile No: 9961734844 eeirrgmpm@yahoo.co.in |
| 10 | Kadalundi | | Along Hajirapalli / Hajiyarpalli | 1. KMCT College of Engineering for Women, Kozhikkode 2. MES College of Engineering, Kuttippuram | |
| 11 | Bharathapuzha | Palakkad | Kalpathipuzha (Bharathapuzha-Cheruthuruthi - Shornur area) | 1. IIT Palakkad 2. Jyothi Engineering College (JEC), Cheruthuruthy, Thrissur 3. Nehru College of Engineering & Research Centre, Thrissur | Anil Kumar D Executive Engineer, Irrigation Division, Malampuzha Mobile No: 9446110109 executiveengineermalampuzha@gmail.com |
| 12 | Bhavani | Palakkad | Along Elachivazhy | NSS College of Engineering, Palakkad | Dr. Sudheer Padikkal, Consultant General Manager (Micro Irrigation), KIIDC Mobile No: 7306561269 padikkalsudheer@gmail.com |
| 13 | Kecheri | Thrissur | Puliyannor to Kechery | 1. Kerala Engineering Research Institute, Peechi, Thrissur 2. SCMS School of Engineering & Technology, Ernakulam | Suja S S Joint Director, Hydraulic Research, KERI Mobile No: 9497640641 jdhydraulicresearch@gmail.com |

Leena
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| Sl. No | River | District | Stretch/River | Institution/ Colleges which have shown interest | Nodal Officer |
|--------|--------------|------------------|---|---|---|
| 14 | Karuvannur | Thrissur | Along Karuvannur | 1. Vidya Academy of Science and Technology, Thrissur 2. Rajadhani Institute of Engineering & Technology, Attingal, Trivandrum | Mohan I K Executive Engineer, Additional Irrigation Division, Thrissur Mobile No: 9447215299 aidthrissur@gmail.com |
| 15 | Puzhakkal | Thrissur | Olarikkara to Puzhakkal | FISAT, Angamaly | |
| 16 | Chithrapuzha | Ernakulam | Irumpanam to Karingachira | 1. Rajagiri School of Engineering & Technology, Kakkanad 2. Muthoot Institute of Technology & Science, Ernakulam | Abbas B Executive Engineer, Irrigation Division, Ernakulam Mobile No: 9447291624 majorirrigationekm@hotmail.com |
| 17 | Kadambrayar | | Manckakadavu to Brahmapuram | SCMS School of Engineering & Technology, Ernakulam | |
| 18 | Muvattupuzha | Ernakulam/Idukki | (i) Kaliyar to Muvattupuzha (ii) Muvattupuzha To Thodupuzha | 1. Sree Narayana Gurukulam College of Engineering, Kolenchery 2. Mar Baselios Institute of Technology and Science, Kothamangalam 3. Viswajyothi College of Engineering and Technology | |
| 19 | Periyar | Ernakulam | (i) Aluva-Eloor to Kalamassery (ii) Aluva to Muppathadam (iii) Kalady to Pathalam | 1. TOCH Institute of Science & Technology, Ernakulam 2. Adi Sankara Institute of Engineering & Technology, Kalady | |
| 20 | Pamba | Pathanamthitta | Mannar to Thakazhy | 1. T.K.M College of Engineering, Kollam 2. Saint Gits College of Engineering, Kottayam | Nadeer A Executive Engineer, Irrigation Division, Kollam Mobile No: 9447726830 eeirrigationklm@gmail.com |
| 21 | Manimala | Alappuzha | Kalloopara to Thondra | 1. IDRB 2. Amal Jyoti College of Engineering, Kanjirapally 3. St. Joseph's College, Palai | Sindhu B Executive Engineer, Hydrology, Chengannur Mobile No: 9446512742 hydrologydivisionengnr@gmail.com |
| 22 | Karamana | Trivandrum | Malekkdu to Thiruvallam | 1. Irrigation & Administration, Trivandrum 2. Govt. Engineering College, Barton Hill, Trivandrum 3. College of Engineering, Thiruvananthapuram 4. Marian Engineering College, Thiruvananthapuram 5. Mar Baselios College of Engineering and Technology, Thiruvananthapuram 6. Mohandas College of Engineering and Technology, Thiruvananthapuram | Balachandran P K Executive Engineer, Irrigation Division Thiruvananthapuram Mobile No: 9447450809 ccirrigationtvp@gmail.com Dr. LEENA A V PRINCIPAL SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY PAYYANUR, KANNUR |



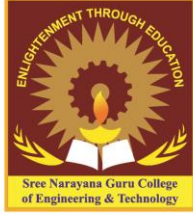


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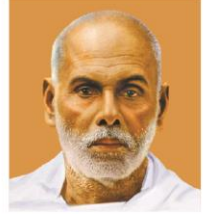


PROJECT PROPOSAL



Sree Narayana Guru College of Engineering & Technology

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MSME



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Proposal Entrepreneurship Awareness Program For Students of SNGCET and Potential Entrepreneurs of nearby LSGBs

The proposed Entrepreneurship Awareness Program, organized by Sree Narayana Guru College of Engineering Science and Technology, Payyanur, in association with MSME Thrissur, aims to empower students and entrepreneurs from six nearby villages under the Local Self Government Department (LSGD) by providing them with valuable insights, resources, and networking opportunities to explore and pursue entrepreneurial ventures. This Entrepreneurship Awareness Program is designed to provide participants with the necessary insights, resources, and networking opportunities to explore and pursue entrepreneurial ventures successfully. By fostering a spirit of innovation and entrepreneurship among students and entrepreneurs from the nearby villages, the program aims to contribute to the socio-economic development of the region.

Objectives:

1. **Facilitate Knowledge Sharing:** Provide a platform for successful entrepreneurs to share their experiences, challenges, and insights, inspiring and educating aspiring entrepreneurs.
2. **Navigate Regulatory Processes:** Equip participants with an understanding of licensing procedures, government schemes, and services offered by the State Industries Department, enabling them to navigate regulatory processes efficiently.
3. **Promote Healthy Lifestyle Choices:** Explore the health benefits of millets in combating lifestyle diseases, promoting sustainable and healthy dietary practices among participants and their communities.
4. **Encourage Social Innovation:** Foster discussions on social entrepreneurship, highlighting innovative business models that address social and environmental challenges while promoting sustainable development.
5. **Enable Access to Financial Resources:** Educate participants about banking schemes and financial products tailored for the MSME sector, empowering them to access appropriate financing options for their entrepreneurial ventures.

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6. **Raise Awareness of Government Initiatives:** Inform participants about the various schemes and services offered by the Ministry of MSME, Government of India, to support the growth and development of micro, small, and medium enterprises.
7. **Facilitate Personalized Engagement:** Provide opportunities for one-to-one discussions between participants and experts, addressing specific queries, concerns, or feedback, and ensuring personalized engagement and valuable interaction throughout the program.

These objectives collectively aim to empower participants with the knowledge, skills, and resources necessary to explore and pursue entrepreneurial ventures successfully, contributing to economic growth and societal development.

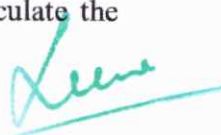
This program expect following outcome

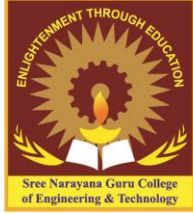
1. **Increased Entrepreneurial Awareness:** Participants will gain a deeper understanding of entrepreneurship, including its challenges, opportunities, and the necessary skills and resources for success.
2. **Enhanced Knowledge:** Participants will acquire valuable insights into licensing procedures, government schemes, health benefits of millets, social entrepreneurship, banking schemes, and services offered by the Ministry of MSME, enabling them to make informed decisions in their entrepreneurial journey.
3. **Inspired Action:** Hearing from successful entrepreneurs and learning about their journeys will inspire participants to take action and pursue their entrepreneurial aspirations with confidence and determination.

Budget estimate

| No | Particulars | Qty | Amount |
|----|---------------------------|-----|--------|
| 1 | Cost for Microphone (Mic) | 2 | 1000 |
| 2 | Refreshment | 100 | 3000 |
| 3 | lunch | 100 | 10000 |
| 4 | Stage | 2 | 2000 |
| 5 | Total | | 16000 |

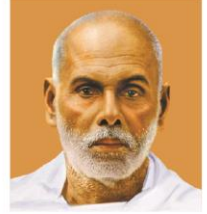
Given the expected number of participants and the specific costs provided, let's calculate the estimated budget for the one-day Entrepreneurship Awareness Program.


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PERUMBA RIVER



Sree Narayana Guru College of Engineering & Technology

P.O: Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

(Approved by AICTE New Delhi, Affiliated to APJ Abdul Kalam Technological University)

Managed by: Sree Bhakthi Samvardhini Yogam, Kannur-2.

Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: sngcet@bsnl.in Website: sngcet.org



12-02-2021

To

The Environmental Engineer

Kerala Pollution Control Board

Kannur

Sub:-Request for Water Quality Parameter Data of Perumba River Basin;

As per Hon. National Green Tribunal order in O.A 673/2018 dated 19/12/2018 and Proceedings of Chief Engineer, Irrigation and Administration Thiruvananthapuram Order No PL2/15862/2019 Dated:5/01/2021 **Sree Narayana Guru College of Engineering and Technology-Payyanur** is in collaboration with Irrigation Department to prepare DPR for Abatement of River Pollution of **Perumba River**, the polluted river identified by CPCB. So as part of DPR preparation, we require analysis of water quality parameter (if available) for the sampling station attached in sheet for one year (**preferable January 2020-January 2021**). So, I request the organisation to avail the details as early as possible to complete the DPR preparation in time.

| Landmark | Latitude | Longitude |
|--------------------------|------------|------------|
| KuruvayalVatta | 12.10743 | 75.246773 |
| Tottumkadavu Bridge | 12.10464 | 75.271773 |
| Kanayi SWEC | 12.113417 | 75.262632 |
| KanayiThodu | 12.114102 | 75.256503 |
| Kappad Eco Tourism | 12.1136639 | 75.2275776 |
| Perumba Bridge side Pond | 12.1095803 | 75.221439 |
| Perumba Bridge Centre | 12.10813 | 75.221589 |

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PAYYANUR, KANNUR

| | | |
|---------------------------------|------------|------------|
| Perumba Wood mill Downstream | 12.1080514 | 75.2200088 |
| Perumba Thodu (Kandankali) | 12.101018 | 75.21527 |
| Ezhimala Railway Bridge | 12.07281 | 75.222628 |
| Kunnaru Bridge | 12.0612 | 75.222232 |

Data Required

a) Water Quality Parameter

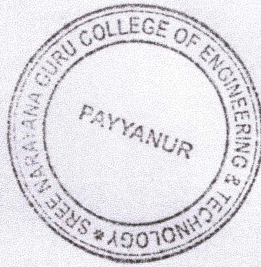
pH, DO, BOD, TC and FC, Total Hardness, Ammonia-NO₂, Sulphate and Chloride

b) Solid waste / Biomedical Waste and E Waste

Available details on collection and disposal pertaining to

- Payyannur Municipality,
- Cheruthazham panchayath,
- Kadannappalli Panchayath,
- Ramanthali panchayath,
- Kunjimangalam Panchayath

c) Locations of Drainages and STPs



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KANNUR

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Sree Narayana Guru College of Engineering & Technology

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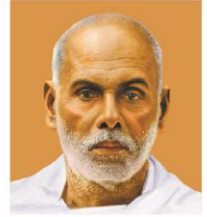


ACCOUNTS STATEMENT



Sree Narayana Guru College of Engineering & Technology

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MSME



Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

(Approved by AICTE New Delhi and Affiliated to APJ Abdul Kalam Technological University)

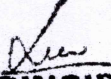
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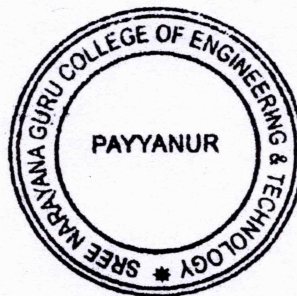
Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



| Invoice | | | |
|--|------------------------------|---|--------------|
| Joint Director Head of office MSME- DEO, Thrissur. | | Invoice No. : SNG/CAN/2023 Invoice Date : 08/12/2023 | |
| Event: Entrepreneurship Awareness Programme | | | |
| Sl. No. | Description | Price Per Unit | TOTAL (INR) |
| 1. | Working Lunch for 70 members | 100/- | 7,000 |
| | | | |
| | | | |
| TOTAL | | | 7,000 |
| Rupees Seven Thousand Only | | | |
| Authorised Signatory | | | |
|  PRINCIPAL SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANUR KANNUR | | | |



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PAYYANUR, KANNUR

| | | | | | | |
|-------------|--------|---|-----|-----------|----------|-----------|
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| 12-DEC-2023 | 090039 | KEY PEE SALES CORPORATION | CLR | 9863.00 | | 607961.02 |
| 12-DEC-2023 | 090031 | RAJESH P K | CLR | 27020.00 | | 580941.02 |
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PERUMBA RIVER

| | | | | | | |
|-------------|--------|---|-----|-----------|----------|------------|
| 07-AUG-2023 | | NEFT-SBIN-SBIN323219666569-APJ ABDUL -/ATTN//INB~/ | TRF | | 3855.00 | 999716.71 |
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| 11-AUG-2023 | 801600 | THEPAYYANURCO | CLR | 9742.00 | | 567259.03 |
| 11-AUG-2023 | 801586 | KAPIL THOMAS | CLR | 18000.00 | | 549259.03 |
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| 16-AUG-2023 | 801598 | GALLANT SECURITY GROUP | CLR | 103560.00 | | 624360.03 |

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PAYYANUR, KANNUR

SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR
Department of Civil Engineering

REIMBURSEMENT CLAIM FOR DETAILED FIELD INSPECTION AND DPR PREPARATION
_ PERUVAMBA RIVER POLLUTION ABATEMENT PROJECT

| SL.NO. | DATE | PURPOSE | AMOUNT (Rs.) | REMARKS |
|--------|-------------------------|--|------------------|---------------------|
| | A | TRAVEL | | |
| 1 | 13.1.21 | Reconnaissance survey | 500.00 | |
| 2 | 15.1.21 | Fixing sampling stations and detailed field investigation Day 1 | 1,000.00 | |
| 3 | 18.1.21 | Attending Sample collection demonstration at CPCB Kannur | 200.00 | |
| 4 | 19.1.21 | Fixing sampling stations and detailed field investigation Day 2 | 2,000.00 | |
| 5 | 22.1.21 | Fixing sampling stations and detailed field investigation Day 3 | 1,000.00 | 3 students by bike. |
| 6 | 08.2.21 | Sample collection | 5,000.00 | |
| 7 | 15.2.21 | Secondary data collection from Panchayaths | 2,000.00 | |
| 8 | 05.3.21 | Return of documents (Secondary data) to Panchayaths | 2,000.00 | |
| 9 | 24.2.21 | Stakeholders meeting | 1,000.00 | |
| 10 | 26.2.21 | Visiting STP at Pariyaram Medical College | 1,000.00 | |
| 11 | | Submission of report to Ministers office | - | |
| | | SUB TOTAL - A | 15,700.00 | |
| | B | DA DURING TRAVEL | | |
| 1 | 13.1.21 | Reconnaissance survey (2 persons) | 2,000.00 | |
| 2 | 15.1.21 | Fixing sampling stations and detailed field investigation Day 1 (2 persons) | 2,000.00 | |
| 3 | 18.1.21 | Attending Sample collection demonstration at CPCB Kannur (1 Faculty and 1 Student) | 1,000.00 | |
| 4 | 19.1.21 | Fixing sampling stations and detailed field investigation Day 2 (3 persons) | 3,000.00 | |
| 5 | 22.1.21 | Fixing sampling stations and detailed field investigation Day 3 (1 person) | 1,000.00 | |
| 6 | 08.2.21 | Sample collection | 4,000.00 | |
| 7 | 15.2.21 | Secondary data collection from Panchayaths | 2,000.00 | |
| 8 | 05.3.21 | Return of documents (Secondary data) to Panchayaths | 2,000.00 | |
| 9 | 22.2.21 | DPR Camp at Sivapuram (1 person) | 1,000.00 | |
| 10 | 24.2.21 | Stakeholders meeting (2 persons) | 2,000.00 | |
| 11 | 26.2.21 | Visiting STP at Pariyaram Medical College | 2,000.00 | |
| 12 | 08.3.21 | KWA Material return from Kozhikode | 1,000.00 | |
| 13 | 19.2.2021 to 28.02.2021 | DPR Preparation (2 persons 10 days) | 20,000.00 | |
| 14 | | Submission of report to Ministers office (2 persons) | | |
| | | SUB TOTAL - B | 43,000.00 | |
| | C | CONTINGENCIES | | |
| 1 | 10.2.21 | Printing (Sample Template) | 180.00 | |
| 2 | 08.2.21 | Petrol | 500.00 | |
| 3 | 08.2.21 | Mask, handgloves, Sanitizers | 400.00 | |
| 4 | 08.2.21 | MPN test items | 570.00 | |
| 5 | 08.2.21 | Sampling items | 19,715.00 | |
| 6 | 08.2.21 | Ice | 150.00 | |
| 7 | 25.02.21 | Printing for correction | 500.00 | |
| 8 | 06.3.21 | Final Draft print | 500.00 | |
| 9 | | Printintg anticipated (10 copies) | | |
| 10 | | Hiring boat (3+2 days) | - | |
| | | SUB TOTAL - C | 22,515.00 | |
| | D | CONSUMABLES | | |
| | D.1 | Chemicals used | | |
| 1 | 06.2.21 | Manganous Sulphate | 325.00 | DO |
| 2 | | Sodium hydroxide | | MPN |
| 3 | | Sodium-thiosulphate | | DO |
| 4 | | Starch | | DO |
| 5 | | Potassium dihydrogen phosphate | | Phosphates |
| 6 | | Dipotassium hydrogen phosphate | | Phosphates |
| 7 | | Disodium hydrogen phosphate heptahydrate | | COD |
| 8 | | Ammonium chloride | | BOD |
| 9 | | Magnesium sulphate | | BOD |
| 10 | | Calcium Chloride | | BOD |
| 11 | | Ferric chloride | | BOD |
| 12 | | Potassium Iodide | 1,800.00 | Chlorides |
| 13 | | Potassium dichromate | | COD |
| 14 | | Potassium hydrogen pellets | 190.00 | COD |
| 15 | | Conc. Sulphuric Acid | | COD, DO |
| 16 | | Deionised Water | | |
| 17 | 06.2.21 | Distilled Water | 200.00 | |
| 18 | | Brilliant Green Broth | | MPN |

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| | | | | |
|---|---------|--|------------------|------------|
| 19 | | Mercuric Sulphate | | COD |
| 20 | | Silver Sulphate | | COD |
| 21 | | Ammonium Molybdate | | Phosphates |
| 22 | | Stannous chloride | | Phosphates |
| 23 | 06.2.21 | Alkali iodide azide | 500.00 | DO |
| 24 | | Silver Nitrate | | Chlorides |
| SUB TOTAL - D | | | 3,015.00 | |
| E REFRESHMENT CHARGES | | | | |
| 1 | 15.1.21 | Lunch and snacks for students during detailed field investigation Day 1 (8 students and 2 faculties) | 1,000.00 | |
| 2 | 19.1.21 | Lunch and snacks for students during detailed field investigation Day 2 (8 students and 3 faculties) | 1,100.00 | |
| 3 | 22.1.21 | Lunch and snacks for students during detailed field investigation Day 3 (3 students and 1 faculties) | 400.00 | |
| 4 | 08.2.21 | Sample collection (12 students and 4 faculties) | 1,600.00 | |
| 5 | 15.2.21 | Secondary data collection from Panchayaths | 200.00 | |
| 6 | 05.3.21 | Return of documents (Secondary data) to Panchayaths | 200.00 | |
| SUB TOTAL - E | | | 4,500.00 | |
| TOTAL EXPENSES FOR SNGCET PAYYANUR Rs. (A+B+C+D + E) | | | 88,730.00 | |

(Rs. Eighty eight thousand Seven Hundred and Thirty only)

₹ 88,730.00

Note:

1. The expenses incurred by the Irrigation dept officers not included
2. Samples were tested by KWA free of cost



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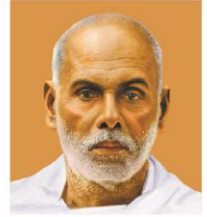


BRIEF REPORT

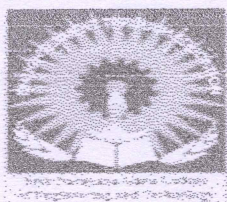


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MSME INNOVISTA



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,**
**Promoted by Sree Bhakthi Samvardhini Yogam (Affiliated to KTU,
Recognised by AICTE)**

Report on Innovista: Entrepreneurship Awareness Seminar and Workshop Program

Date: 08-12-2023

Introduction:

On December 8, 2023, a transformative one day seminar workshop, Micro Small and Medium Enterprises (MSME) Thrissur joined forces with Sree Narayana Guru College of Engineering and Technology (SNGCET) Payyanur to orchestrate Innovista. This one-day Entrepreneurship Awareness Seminar and Workshop Program were crafted with a singular purpose—to inspire, educate, and empower individuals to embrace the realms of entrepreneurship and innovation among students and the public. The participants are students and new entrepreneurs from nearby Local Self Governing Bodies (Eramam Kuttur, Karivellur Peralam, Kunhimangalam, Kankol Alappadamba, Cheruthazham Panchayat and Payyanur Municipality). Innovista emerged as a beacon of opportunity, offering participants a unique platform to delve into the dynamic world of entrepreneurship. The program unfolded against the backdrop of collaborative efforts between industry stalwarts, academia, and aspiring entrepreneurs, creating an environment ripe for exploration and discovery. Innovista embarked on a journey marked by insightful keynote addresses, interactive workshops, and engaging panel discussions. The event aimed not only to disseminate knowledge but also to instill a spirit of entrepreneurship, encouraging individuals to turn innovative ideas into impactful ventures. The collaboration between MSME Thrissur and SNGCET Payyanur underscored the significance of bridging the gap between academia and industry in nurturing entrepreneurial endeavors. Together, they sought to pave the way for a new generation of visionaries, equipped with the knowledge, skills, and inspiration needed to navigate the ever-evolving landscape of business and innovation. Innovista wasn't just a seminar; it was a convergence of minds, an inspiration for change, and a celebration of the entrepreneurial spirit. This introduction sets the stage for the unfolding narrative of how Innovista became a cornerstone in the journey towards entrepreneurial excellence, leaving an indelible mark on the participants and the landscape of innovation.

Program Highlights: VENUE: Payyanur DATE: 08/12/2023

Welcome & Introduction about the programme 10.00AM 10.05AM

Smt. Rekha.K Assistant Director, MSME-Development & Facilitation Office, Thrissur

In this opening segment, Smt. Rekha K, Assistant Director at the MSME-Development & Facilitation Office in Thrissur, will warmly welcome the participants and provide an overview of the program. In the inaugural segment of Innovista, Smt. Rekha K, extends a warm welcome to the participants and plays a pivotal role in setting the stage for this transformative event. She provides a comprehensive overview of

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the program, shedding light on the collaborative efforts of MSME Thrissur and Sree Narayana Guru College of Engineering and Technology, Payyanur, in bringing Innovista to fruition. Smt. Rekha K will articulate the crucial role of MSMEs in the economic landscape, emphasizing their significance as drivers of growth, employment, and innovation. Her introduction is poised to offer valuable insights into the services and responsibilities of MSMEs, highlighting their diverse contributions to the development of the entrepreneurial ecosystem. By illuminating the importance of MSMEs, Smt. Rekha K's address will lay a solid foundation for the insightful sessions that will follow, creating an atmosphere of engagement and learning for all participants.

Presidential Address 10.05AM-10.20 AM

Sri. K P Balakrishnan, President, Sree Bhakthi Samvardhini Yogam, Talap Kannur.

Sri. K P Balakrishnan, President of Sree Bhakthi Samvardhini Yogam, Talap Kannur, is poised to deliver the much-anticipated Presidential Address during the Innovista program. Renowned for his dedication to community development, his words are expected to resonate with wisdom and insight, offering a guiding vision for the event. As the leader of an institution named after Sri Narayana Guru, Sri. Balakrishnan embodies a legacy of service and social contribution spanning two decades. The institution, under his stewardship, has played an instrumental role in uplifting the community through various initiatives. With a deep understanding of the transformative power of entrepreneurship, it is anticipated that his address will underscore the pivotal role of fostering innovation in driving not only economic growth but also in contributing to the holistic development of the community. Sri. K P Balakrishnan's leadership and the institution's remarkable contributions stand as a testament to the enduring legacy of Sri Narayana Guru's teachings in the service of society.

Inaugural Address 10.20 AM-10.30 AM

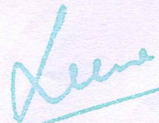
Mr. Sri. K Ramesh Kumar, President of The North Malabar Chamber of Commerce, Kannur,

In his impactful inaugural address, Mr. Sri. K Ramesh Kumar, President of The North Malabar Chamber of Commerce, Kannur, seamlessly blended inspiration with practical insights, setting a tone of enthusiasm for the Entrepreneurship Awareness Seminar and Workshop Program. Mr. Kumar eloquently emphasized the vast opportunities inherent in the business landscape, portraying entrepreneurship not merely as a pursuit of profit but as a journey enriched with possibilities and growth. He articulated the pivotal role that the Chamber of Commerce plays in championing the interests of businesses, underscoring its significance as a conduit for fostering collaboration, providing resources, and advocating for policies conducive to economic growth. Mr. Ramesh Kumar's address not only served as a beacon of motivation but also illuminated the crucial role the Chamber of Commerce plays in shaping the entrepreneurial ecosystem, fostering a sense of unity and purpose among the participants and wish all support to Sree Narayana Guru College of Engineering and Technology, Payyanur.

Message

Sri. Arun Vijay, District Collector, Kannur, Keynote Address

Sri. Arun Vijay, the esteemed District Collector of Kannur, extended his support to the Innovista program through a heartfelt video message. In his message, he conveyed his best wishes for the success of the event, acknowledging the critical role that initiatives like Innovista play in fostering entrepreneurship and


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innovation within the community. Sri. Vijay specifically commended the IEDC SNGCET team for their exemplary efforts, recognizing them as leading contributors to the entrepreneurial landscape and job creation in the region. Despite his absence, Sri. Arun Vijay's encouraging words added a significant motivational touch to the inaugural proceedings, reinforcing the collective commitment to nurturing a thriving entrepreneurial ecosystem under Sree Narayana Guru College of Engineering and Technology, Payyanur. His insights are expected to shed light on the local context and the role of entrepreneurship in contributing to the overall development of the district.

Keynote Address 10.30AM-10.40 AM

Sri. A. S Shiras, Joint Director of Industries and Commerce - General Manager, District Industries Centre

In the upcoming Keynote Address, Sri. A. S Shiras, Joint Director of Industries and Commerce and General Manager at the District Industries Centre, is anticipated to offer invaluable insights into entrepreneurship development, particularly within the vibrant context of Kannur. His speech is expected to delve into key aspects of industrial development, providing a nuanced and comprehensive perspective on the industrial landscape. With a keen focus on local entrepreneurship, Sri. Shiras is likely to shed light on the unique opportunities and challenges present in Kannur, emphasizing the role of initiatives like Entrepreneurship Development Clubs under the Ministry of Industry and Commerce. Notably, he is expected to highlight the potential for such clubs to thrive, fostering entrepreneurial endeavors at the grassroots level. Moreover, by mentioning the possibilities in the Kankol Alappadamba Panchayat, Sri. Shiras is likely to underscore the importance of community-specific development. Additionally, his supportive stance toward the establishment of a Campus Industrial Park at Sree Narayana Guru College of Engineering and Technology, Payyanur demonstrates a commitment to nurturing innovation and industry collaboration within the academic environment. Sri. A. S Shiras's Keynote Address is poised to provide valuable insights, guidance, and encouragement for the participants, steering them towards a future marked by entrepreneurial success and industrial growth.

Felicitation Address

10.40AM-10.45 AM

Sri. T .K Rajendran, Vice President, Sree Bhakti Samvardhini Yogam, Talap Kannur.

Sri. T .K Rajendran will deliver the Felicitation Address, recognizing the collaborative efforts between different entities in promoting entrepreneurship and commerce in the region. He also brought a wealth of insights to the event during his talk, where he passionately highlighted the myriad possibilities within the realms of innovation and entrepreneurship. His discourse likely painted a vivid picture of the landscape, showcasing how these avenues can be harnessed for transformative change. Moreover, Sri. Rajendran took a moment to commend the significant achievements of the Innovation Wing of Sree Narayana Guru College of Engineering and Technology, Payyanur., underscoring its invaluable contributions to the institution. In his Felicitation Address, he graciously acknowledged the collaborative efforts among various entities dedicated to promoting entrepreneurship and commerce within the region. This recognition not only emphasizes the collective commitment toward fostering economic growth but also highlights the positive impact of collaborative initiatives. Sri. T .K Rajendran's address is poised to inspire and motivate participants, underscoring the vital role of innovation and entrepreneurship in shaping the future of the institution and the broader community.


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Sri. Sunil Kumar, President of Kankol Alppadamba Panchayat, Kannur.

The endorsement and active support from Sri. Sunil Kumar, President of Kankol Alappadamba Panchayat, echoes a visionary perspective on entrepreneurship. In emphasizing the significance of becoming job creators rather than job seekers, Sri. Sunil Kumar has showcased a forward-thinking approach that aligns with the spirit of innovation and self-reliance. His commitment to fostering entrepreneurship within the local community is not only commendable but also a crucial component for sustainable development. By championing the cause of job creation, Sri. Sunil Kumar is likely to inspire individuals to explore their entrepreneurial potential and contribute to the economic growth of the region. His endorsement adds a valuable dimension to the ongoing discourse on entrepreneurship, emphasizing its transformative power in shaping the future of the community with the support of Sree Narayana Guru College of Engineering and Technology, Payyanur..

Vote of Thanks

10.45 AM-10.50 AM, Dr. Leena A V (Principal SNGCET)

In bringing the Inaugural Session of Innovista to a fitting conclusion, Dr. Leena A V, the esteemed Principal of SNGCET, played a pivotal role in encapsulating the essence of the event. Dr. Leena took the opportunity to spotlight on the remarkable achievements of SNGCET and the Innovation and Entrepreneurship wings, showcasing the tangible impact of dedicated efforts and visionary initiatives. As she eloquently narrated the journey of the Innovation team and articulated the institution's forward-looking vision, Dr. Leena instilled a sense of pride and purpose among the participants. In her heartfelt vote of thanks, she expressed sincere gratitude to all dignitaries, speakers, participants, and organizers who contributed to the resounding success of the event. Dr. Leena's closing remarks not only marked the official commencement of subsequent sessions but also set a tone of gratitude and appreciation, emphasizing the collaborative spirit that underpins the vibrant culture of innovation and entrepreneurship at Sree Narayana Guru College of Engineering and Technology, Payyanur.

TECHNICAL SESSION

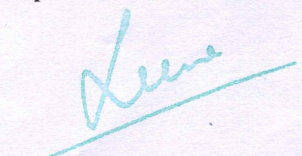
Sharing Entrepreneurial Experience 11.00AM-11.40AM

Sri. Subhash Babu K: Managing Director

Malabar Innovation Entrepreneurship Zone

During the segment dedicated to "Sharing Entrepreneurial Experience" at 11:00 AM to 11:40 AM, Innovista had the privilege of hosting Sri. Subhash Babu K, the Managing Director of Malabar Innovation Entrepreneurship Zone. In an engaging and informative session, Sri. Subhash Babu shared his entrepreneurial journey, offering a roadmap of insights for aspiring entrepreneurs. With a focus on Licensing Procedures, Schemes, and Services provided by the State Industries Department, he provided a comprehensive overview of the bureaucratic landscape, unraveling the intricacies of starting and managing a business. Through the lens of his own experiences, Sri. Subhash Babu illuminated the challenges, successes, and crucial milestones that define an entrepreneurial path, offering participants a valuable guide on how to navigate the entrepreneurial landscape and achieve their goals. His practical and inspirational discourse contributed significantly to the collective learning experience of the event.

11.45AM-01.00PM


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Smt. Smitha

Industries Extension Officer, Payyannur Block

Smt. Smitha, Industries Extension Officer of Payyannur Block, became a crucial juncture for Innovista participants. Smt. Smitha, with her expertise, skillfully navigated through the intricate terrain of licensing procedures, schemes, and services provided by the State Industries Department. Her presentation delved into the regulatory intricacies, providing attendees with a comprehensive understanding of the bureaucratic landscape. By unraveling the complexities associated with establishing and managing businesses, Smt. Smitha's insights formed a foundational guide for budding entrepreneurs. This informative session not only empowered participants with the knowledge needed to navigate regulatory processes effectively but also illuminated the various avenues of support available from government initiatives. Smt. Smitha's contribution was instrumental in equipping the entrepreneurial community with the essential tools for success in their ventures.

Health Benefits of Millets to LifeStyle Diseases (IYM2023)

01.00PM-01.30PM

Sri. Jomon Thachil, Nutrition Counsellor

In a health-conscious pivot during the session, Sri. Jomon Thachil, a seasoned Nutrition Counsellor, took the stage to delve into the "Health Benefits of Millets to Lifestyle Diseases (IYM2023)." This segment transcended the traditional boundaries of entrepreneurship, shedding light on the crucial intersection of nutrition and business sustainability. Sri. Jomon not only highlighted the health benefits associated with millets but also wove in the visionary concept of the Millet Year 2023, underscoring its significance in promoting overall well-being. Beyond nutritional insights, he delved into the potential of millets to become a cornerstone of the wellness industry, offering a holistic perspective on the role of healthy living in fostering sustainable business practices. Sri. Jomon's session served as a reminder that entrepreneurship is intricately linked to the well-being of individuals and communities, showcasing the multifaceted impact that informed nutritional choices can have on both personal health and the broader business landscape.

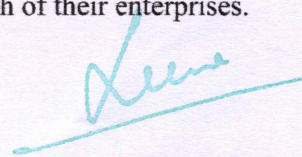
Banking Schemes and Products available for MSME sector 02.00PM-03.00PM

Sri. Premaraj C. C, Jana Jyothi Financial

Literacy Counsellor, Kannur Centre

Schemes and Services offered by Ministry of MSME, Govt of India

Post the rejuvenating lunch break, the spotlight shifted to financial literacy as Sri. Premaraj C. C, a distinguished Jana Jyothi Financial Literacy Counsellor from Kannur Centre, took center stage. In his enlightening session, Sri. Premaraj unraveled the intricacies of banking schemes and products tailored for the MSME sector. With a focus on enhancing financial literacy among entrepreneurs, his presentation aimed to empower participants with the knowledge essential for sound financial management. Sri. Premaraj's expertise not only shed light on the array of financial resources available but also provided practical insights on how entrepreneurs can navigate the financial landscape to optimize their business operations. This session undoubtedly played a crucial role in equipping attendees with the financial acumen necessary to make informed decisions and foster the financial health of their enterprises.


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03.00PM-03.45PM

Smt. Rekha K, Assistant Director, MSME - Development & Facilitation Office, Thrissur

One to one discussion

Q&A and Feedback collection 03.45PM -04.00PM

MSME - Development & Facilitation Office. Thrissur

The culmination of Innovista marks a significant milestone, leaving participants enriched with a wealth of knowledge and insights. The comprehensive overview of schemes and services offered by the Ministry of MSME, Government of India, presented by Smt. Rekha K, Assistant Director at the MSME Development & Facilitation Office in Thrissur, encapsulates the national-level support systems available for the MSME sector. This final segment serves as a compass, guiding entrepreneurs with a roadmap for leveraging governmental resources. The overall outcome of Innovista is the empowerment of participants with practical insights, valuable knowledge, and a heightened awareness of the multifaceted landscape of entrepreneurship. The dynamic exploration throughout the technical sessions ensures that attendees are well-equipped with the tools needed for success in the ever-evolving business world. As they leave Innovista, participants carry with them not only a deeper understanding of entrepreneurship but also a renewed enthusiasm and inspiration to contribute meaningfully to the economic and societal landscape.

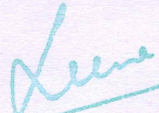
Social Entrepreneurship

Dr. Raji Sukumar A, Associate Professor, Nodal officer, SNGCET Payyanur.

Dr. Raji Sukumar A, Associate Professor and Nodal Officer at SNGCET Payyanur, emerged as a guiding force during Innovista, directing participants through the transformative realm of social entrepreneurship. With a wealth of academic and practical experience, Dr. Raji Sukumar underscored the importance of businesses that extend beyond profit margins to prioritize positive societal impact. Her session illuminated the concept of social entrepreneurship, emphasizing the profound influence that purpose-driven businesses can have in addressing societal challenges. Dr. Raji Sukumar's insights encouraged participants to envision ventures that contribute not only to economic prosperity but also to the greater well-being of communities. By championing the ethos of social responsibility within entrepreneurship, Dr. Raji Sukumar instilled a sense of purpose and civic duty among attendees, inspiring them to consider the broader implications of their business endeavors.

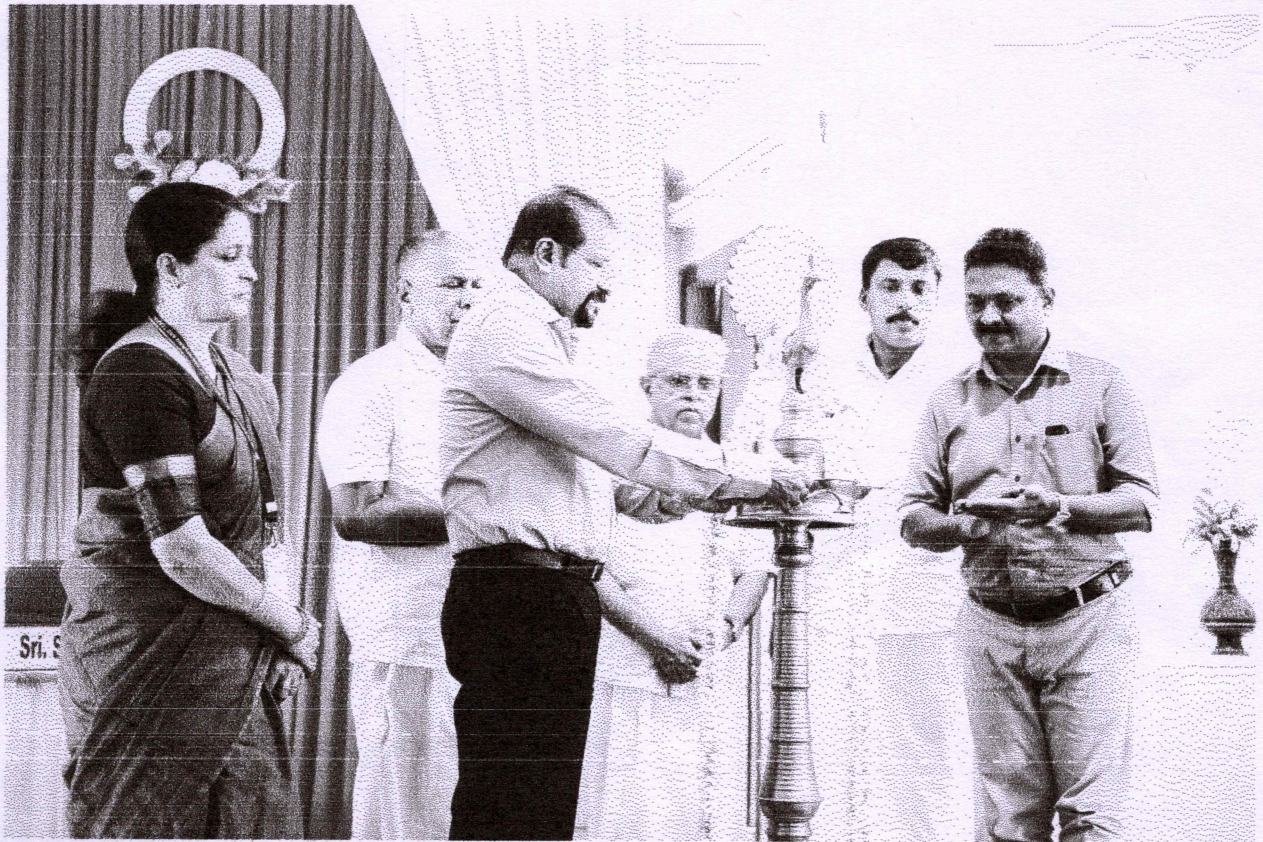
Conclusion:

Innovista, a resounding success, has unequivocally achieved its primary objective of fostering awareness and enthusiasm for entrepreneurship. The collaborative efforts between MSME Thrissur, SNGCET Payyanur, and the Industry and Commerce Ministry have exemplified the transformative power of strategic partnerships. This triumvirate alliance not only showcased the commitment to nurturing innovation and enterprise but also underscored the positive impact that such collaborations can have on the development of a vibrant entrepreneurial ecosystem. The event served as a beacon, illuminating the path for aspiring entrepreneurs and stakeholders, providing them with valuable knowledge, insights, and a network of support. As Innovista concludes, it leaves in its wake a heightened spirit of innovation, a strengthened commitment to entrepreneurship, and a community poised to make significant strides in shaping the future of business and economic growth.


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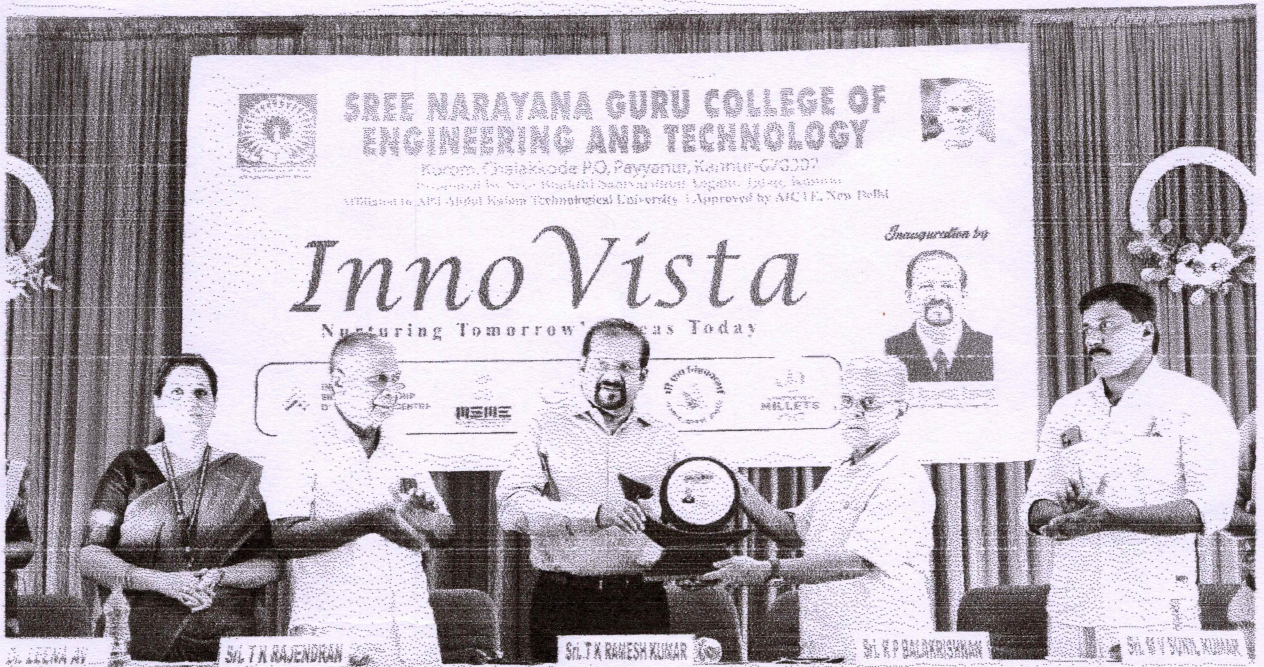
We extend our sincere gratitude to MSME Thrissur and the Industry and Commerce Ministry for their unwavering support and collaboration, which played a pivotal role in the success of Innovista. Our heartfelt appreciation goes to the distinguished speakers who shared their expertise and insights, contributing to the enriching experience for all participants. We extend our thanks to the enthusiastic participants whose engagement and active involvement added vibrancy to the event. Special thanks to all individuals, organizations, and contributors who worked tirelessly behind the scenes, ensuring the seamless execution of Innovista. Your collective efforts have made this endeavor a triumph, and we look forward to continued collaboration and success in fostering entrepreneurship and innovation.



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Dr. Raji Suleman

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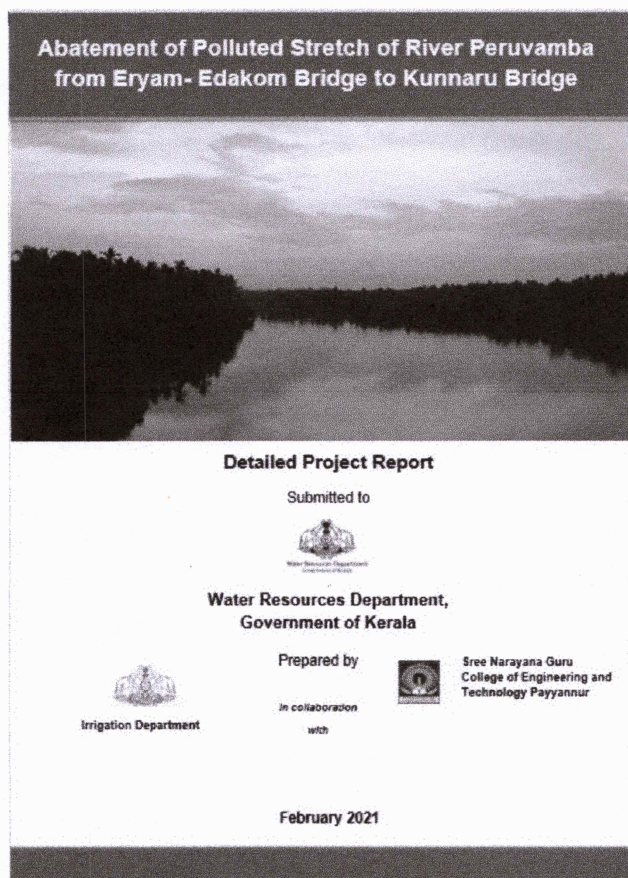
PERUMBA RIVER

Pollution Abatement Project - Peruvamba River

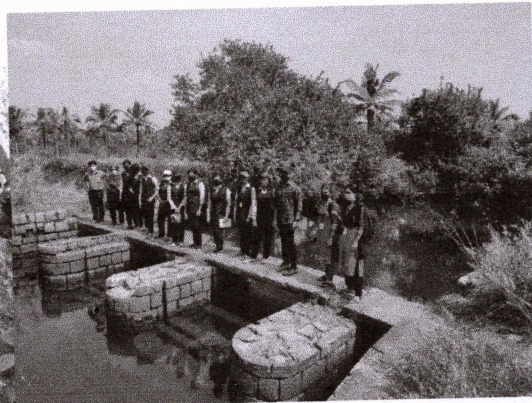
SNGCET Payyannur is committed to serve the needs of society and encourage the students to apply their knowledge and skills in real life socio-technical environmental issues.

As per the order of the Hon'ble National Green Tribunal (NGT) in O.A No. 673/2018, pertaining to the rejuvenation of 21 critically polluted river stretches in Kerala, it has been decided to propose short-term, long-term solutions to prevent the pollution in rivers and to restore its pristine quality through holistic approach.

Our faculty and students, in association with Water Resources Department, Govt of Kerala was involved in the **Field studies, Water quality testing** and preparation of **Detailed Project Report (DPR)** of **River Peruvamba(Perumba)**., Payyannur Kannur District during the period of January – February 2021.

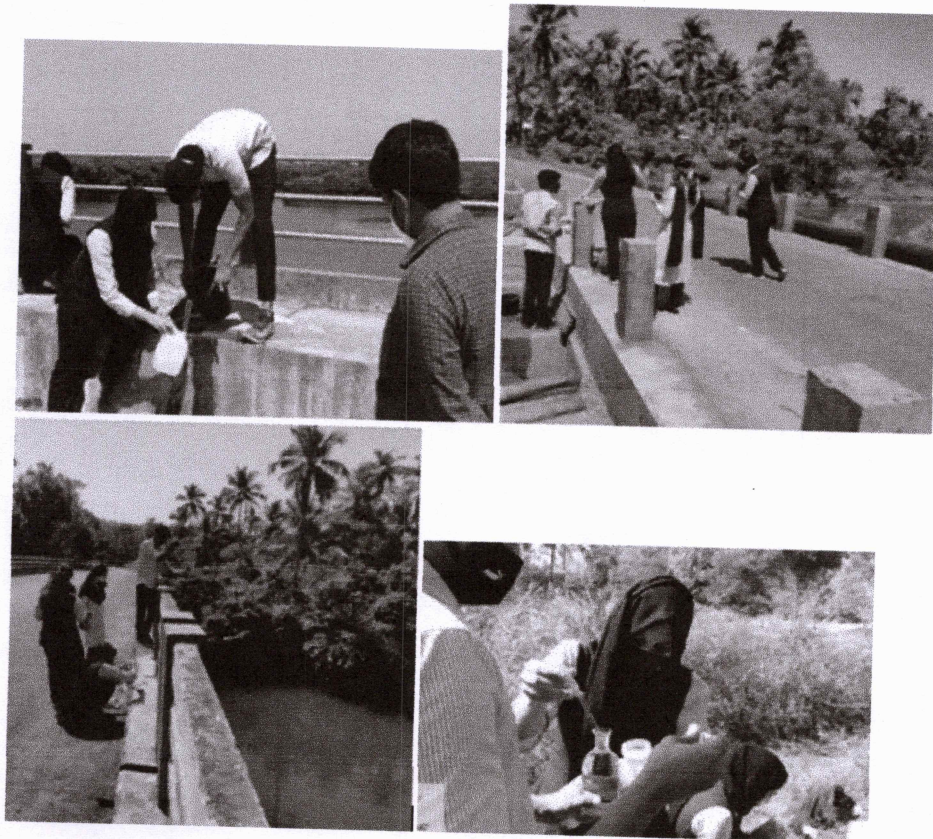



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