

2022-20



# Mar Ephraem

## College of Engineering & Technology

Run by Catholic Diocese Of Marthandam | Approved by AICTE |

Affiliated To Anna University, Chennai | Accredited by NAAC |

Malankara Hills, Elavuvilai, Marthandam – 629 171, Kanyakumari District, Tamil Nadu.

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### Centre for Research and Development

04.08.2022

#### CIRCULAR


This is to inform you that the **Centre for Research and Development** has planned to conduct its committee meeting on **16.08.2022 at 10:30 AM**. All are requested to participate.

  
Co-ordinator  
[Dr. J. JERUSALEM CAROL]

Copy to : 1. Academic Director

2. All Research committee members

3. All HoDs

  
Prof. Dr. A. Lenin Fred, M.E., Ph.D.  
PRINCIPAL  
MAR EPHRAEM COLLEGE  
OF ENGINEERING & TECHNOLOGY  
MALANKARA HILLS, ELAVUVILAI, MARTHANDAM - 629 171  
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Ref : MECET/CRD/2022-23/MM-01

Dated : 16.08.2022

### Minutes of the Meeting - 01

**Date of Meeting: 16.08.2022**

**Time: 10:30 AM**

The co-ordinator Dr. J. Jerusalin Carol welcome the members and briefing about the agenda

#### **Agenda:**

- 1. Review of project funded by SHRI-DST**
- 2. Review of project funded by DST-Agro Tech**
- 3. Academic research progress review**

#### **Minutes:**

The previous meeting minutes were read and approved

#### **Review of project funded by SHRI-DST**

The committee reviewed the task which was assigned to different teams and appreciated the teams for their technological contributions towards the preservation of our traditional methods and the scientific reason behind it.

- i) A Scientific Study of Pulse [Naadi] Reading and its Pertinence in Sports Medications - Dr. Lalin L Laudis (Mar Ephraem College of Engineering and Technology)
- ii) A Documentation and Popularization of Traditional Functional Foods of Kaani Tribes – Mr. C. Gigin Durai (Mar Ephraem College of Engineering and Technology)
- iii) Technological Intervention on Traditional Food Grain Storage Container (Paththayam) and Fabrication of Movable flexible Paththayam – Mr. Leo Bright Singh (Mar Ephraem College of Engineering and Technology)
- iv) Traditional Agro Practices and Products of Kaani Tribes – Mr. C. Gigin Durai (Mar Ephraem College of Engineering and Technology)



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### Review of project funded by DST-Agro Tech

The committee recommended the students involved in this team to prepare a proposal for the upcoming India International Science Festival IISF, also the suggested the team to make a light weight prototype.

### Academic research progress review

All the research scholars presented their research progress.

The chairman appreciated the co-ordinator and all the members for the achievements and the progress in the funded projects

S. No.	Name of member	Designation in the committee	Signature
1.	Dr. A. Lenin Fred	Chair Person	
2.	Dr. J. Jerusalin Carol	Co-ordinator	
3.	Mrs. Anne GS Sheaba	Member	
4.	Mrs. Ashy V Daniel	Member	
5.	Mr. Leo Bright Singh	Member	
6.	Mr. C. Gigin Durai	Member	
7.	Dr. Lalin L Laudis	Member	
8.	Dr. Anish John Paul	Member	



# Mar Ephraem


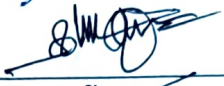


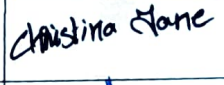


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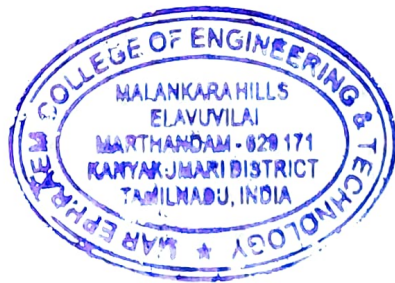
9.	Dr. R. Melba Kani	Member	
10.	Mr. John Pradeep	Invitee	
11.	Mr. Jalbin	Invitee	
12.	Ms. Anu Jemila GR	Invitee	
13.	Ms. Christina Jane I	Invitee	
14.	Mr. Ajay Kumar	Invitee	
15.	Mr. Sherin Paul	Invitee	



**Prof. Dr. A. Lenin Fred, M.E., Ph.D.**  
**PRINCIPAL**  
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**Co-ordinator**  
**[Dr. J. JERUSALEM CAROL]**





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### Centre for Research and Development

10.02.2023

#### CIRCULAR


This is to inform you that the Centre for Research and Development has planned to conduct its committee meeting on **17.02.2023 at 10:00AM**. All are requested to participate.

  
Co-ordinator  
[DR. J. JERUSALIN CAROL]

Copy to : 1. Academic Director

2. All Research committee members

3. All HoDs

  
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Ref : MECET/CRD/2022-23/MM-02

Dated : 17.02.2023

### Minutes of the Meeting - 02

**Date of Meeting: 17.02.2023**

**Time: 10:00 AM**

The co-ordinator Dr. J. Jerusalin Carol welcome the members and briefing about the agenda

#### **Agenda:**

- 1. Review of the project funded by DST-Agro Tech**
- 2. Academic research progress review**

#### **Minutes:**

The previous meeting minutes were read and approved

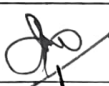

#### **Review of the project funded by DST-Agro Tech**

The committee appreciated the student Ms. L. Mersheba Fred who presented the prototype of automatic handy and portable nutmeg harvester at Student Innovation Festival at Bhopal, and won the third prize in the IISF Student Innovation Festival (IISF-SIF). The team was asked to make the ppt for presenting before the honourable expert committee of DST.

#### **Academic research progress review**

All the research scholars presented their research progress.

The chairman appreciated the co-ordinator and all the members for the achievements and the progress in the funded projects

S. No.	Name of member	Designation in the committee	Signature
1.	Dr. A. Lenin Fred	Chair Person	
2.	Dr. J. Jerusalin Carol	Co-ordinator	



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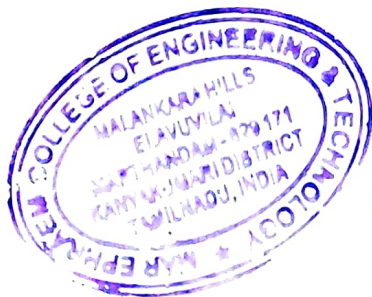
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4.	Mrs. Ashy V Daniel	Member	
5.	Mr. Leo Bright Singh	Member	
6.	Mr. C. Gigin Durai	Member	
7.	Dr. Lalin L Laudis	Member	
8.	Dr. Anish John Paul	Member	
9.	Dr. R. Melba Kani	Member	
10.	Mr. John Pradeep	Invitee	
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Co-ordinator  
[Dr. J. JERUSALEM CAROL]



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### Centre for Research and Development

15.05.2023

#### CIRCULAR


This is to inform you that the Centre for Research and Development has planned to conduct its committee meeting on **22.05.2023 at 11:30 AM**. All are requested to participate.

  
Co-ordinator  
[DR. J. TERUSALIN CAROL]

Copy to : 1. Academic Director

2. All Research committee members

3. All HoDs

  
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Ref : MECET/CRD/2022-23/MM-03

Dated : 22.05.2023

### Minutes of the Meeting - 03

**Date of Meeting: 22.05.2023**

**Time: 11:30 AM**

The co-ordinator Dr. J. Jerusalin Carol welcome the members and briefing about the agenda

#### **Agenda:**

- 1. Review for the project funded by SHRI-DST**
- 2. Project funded by TDP-DST**
- 3. DST- FIST Supported Institution**
- 4. Academic research progress review**

#### **Minutes:**

The previous meeting minutes were read and approved

#### **Review for the project funded by SHRI-DST**

The committee appreciated the team for their successful completion of the projects

- i) A Scientific Study of Pulse [Naadi] Reading and its Pertinence in Sports Medications - Dr. Lalin L Laudis (Mar Ephraem College of Engineering and Technology)
- ii) A Documentation and Popularization of Traditional Functional Foods of Kaani Tribes – Mr. C. Gigin Durai (Mar Ephraem College of Engineering and Technology)
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The committee has asked the team to prepare ppt for the project review presentation of DST.

### **Project funded by TDP-DST**

The committee appreciated the team which has achieved by receiving the grant from TDP. The team was asked to develop image processing algorithm for the early identification of the bud rot in coconut palms. Literature survey has to be done in detail regarding the drone.





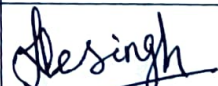

### **DST- FIST Supported Institution**

The committee appreciated the entire team which was behind the success of getting grant from DST-FIST. Mar Ephraem is the DST-FIST supported Institution at Kanyakumari District.

### **Academic research progress review**

All the research scholars presented their research progress.

The chairman appreciated the co-ordinator and all the members for the achievements and the progress in the funded projects

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2.	Dr. J. Jerusalin Carol	Co-ordinator	
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**Co-ordinator**  
**[DN. J. JERUSALIN CAROL]**

