

2019-20



Mar Ephraem

College of Engineering & Technology

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Affiliated To Anna University, Chennai | Accredited by NAAC |

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


Web: www.marephraem.edu.in, Ph: 04651 - 271111, 273111, Fax: 04651 - 270158, e-mail: marephraem@gmail.com

Centre for Research and Development

10.07.2019

CIRCULAR


This is to inform you that the **Centre for Research and Development** has planned to conduct its committee meeting on **16.07.2019 at 11:00 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
KANYAKUMARI DISTRICT, TAMILNADU, INDIA.



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Ref : MECET/CRD/2019-20/MM-01

Dated : 16.07.2019

Minutes of the Meeting - 01

Date of Meeting: 16.07.2019

Time: 11:00 AM

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

Agenda:

1. Action plan for the project funded by WTI-DST
2. Project funded by CFEES-DRDO
3. Academic research progress review

Minutes:

The previous meeting minutes were read and approved

Action plan for the project funded by WTI-DST

The committee split the task into three modules

- i) Basic research in Bio-tech for identifying the right florescent pathogen which can bind with coliform bacteria, responsible team Annai Velankannai College of Arts and Science.
- ii) Develop an innovative image processing algorithm which can quantify the e-colie –Mr. Ajay and team (Mar Ephraem College of Engineering and Technology)
- iii) Develop a portable prototype with GPS tagging and embedded system – Mr. Leo Bright Singh and team (Mar Ephraem College of Engineering and Technology)

Project funded by CFEES-DRDO

The committee split the task into three modules



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- i) Develop an innovative image processing algorithm to convert the building plan image to weighted directional graph- Mrs. Brenda and team (Mar Ephraem College of Engineering and Technology)
- ii) Develop a proof of concept for identifying the heat resistive material to protect the electronic components in fire zone- Mr. Leo Brigh Singh and team (Mar Ephraem College of Engineering and Technology)
- iii) Develop a live human sensing system which can work in the fire environment- Mr. John Pradeep and team (Mar Ephraem College of Engineering and Technology)

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. Jackson Thanga Roy	Member	
6.	Mr. S.N. Kumar	Member	
7.	Mr. Babin T Praise	Member	
8.	Mr. Leo Bright Singh	Member	



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9.	Mr. C. Gigin Durai	Member	
10.	Mr. Lalin L Laudis	Member	
11.	Mrs. Brenda	Invitee	
12.	Mr. John Pradeep	Invitee	
13.	Ms. I. Christina Jane	Invitee	
14.	Mr. Sherin Paul	Invitee	

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Centre for Research and Development

04.11.2019

CIRCULAR

This is to inform you that the **Centre for Research and Development** has planned to conduct its committee meeting on **11.11.2019 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


Prof. Dr. A. Lenin Fred, M.E., Ph.D.
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Ref : MECET/CRD/2019-20/MM-02

Dated : 11.11.2019

Minutes of the Meeting - 02

Date of Meeting: 11.11.2019

Time: 10:00 AM

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

Agenda:

1. Project funded by National Science and Technology Entrepreneurship Development Board(NSTEDB) and EDI Ahmedabad
2. Academic research progress review

Minutes:

The previous meeting minutes were read and approved



Project funded by National Science and Technology Entrepreneurship Development Board(NSTEDB) and EDI Ahmedabad

The Committee appreciated the team and asked to conduct the ideathon competition immediately to identify valuable projects among the Mar Ephraem students.

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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3.	Mrs. Anne GS Sheaba	Member	
4.	Mrs. Ashy V Daniel	Member	
5.	Mr. Jackson Thanga Roy	Member	
6.	Dr. R. Melba Kani	Member	
7.	Dr. S.N. Kumar	Member	
8.	Mr. Leo Bright Singh	Member	
9.	Mr. Aurthur Vasanth	Member	
10.	Mr. C. Gigin Durai	Member	
11.	Mr. Lalin L Laudis	Member	
12.	Mr. Anish Johnpaul	Invitee	
13.	Ms. I. Christina Jane	Invitee	
14.	Mr. Sherin Paul	Invitee	

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Centre for Research and Development

02.03.2020

CIRCULAR


This is to inform you that the **Centre for Research and Development** has planned to conduct its committee meeting on **12.03.2020 at 11:00 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


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Ref : MECET/CRD/2019-20/MM-03

Dated : 12.03.2020

Minutes of the Meeting - 03

Date of Meeting: 12.03.2020

Time: 11:00 AM

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

Agenda:

- 1. Progress review of the project funded by WTI-DST**
- 2. Project funded by DST-Agro Tech**
- 3. Academic research progress review**

Minutes:

The previous meeting minutes were read and approved

Progress review of the project funded by WTI-DST

The committee reviewed the proof of concept and appreciated the team, the team members were encouraged to communicate manuscripts to peer reviewed journals and ppt has to be prepared for the progress review meeting of WTI-DST.

Project funded by DST-Agro Tech

The committee appreciates the team and splits the task into two modules

- Development of an automated hydroponic feeder system for the cattle
- Development of an image processing algorithm for identifying the abnormalities in the cattle

The team was asked to visit various cattle farms and cattle rears and identify more challenges regarding the abnormalities in cattle and the ways in which the rears identify the abnormalities.

Academic research progress review

All the research scholars presented their research progress.



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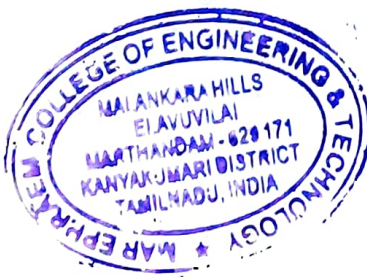
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The chairman appreciated the co-ordinator and all the members for the achievements and the progress in the funded projects

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5.	Dr. R. Melba Kani	Member	
6.	Mr. Leo Bright Singh	Member	
7.	Mr. Gigin Durai	Member	
8.	Mr. Lalin L Laduis	Member	
9.	Dr. Jeya	Invitee	
10.	Mr. Anish Johnpaul	Invitee	
11.	Mr. John Pradeep	Invitee	
12.	Mr. Sherin Paul	Invitee	
13.	Mr. John Thangam	Invitee	
14.	Mr. Ajay Kumar	Invitee	



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Principal
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Co-ordinator
[Dr. J. JERUSALIN CAROL]