



MEAEC



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MIELES 

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Asst.Professor , Management Studies  
MEA Engineering College



MEA ENGINEERING COLLEGE  
PERINTHALMANNA, MALAPPURAM  
KERALA, INDIA



The second self-financing engineering college in Malappuram district of Kerala state

Established in 2002 & committed to provide excellent and value-based education with a flair for ethics and professionalism.

Accredited by NAAC (National Assessment and Accreditation Council) and certified by ISO



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MEAEC is one among 144 institutions which is affiliated to APJ Abdul Kalam Technological University.

Since MEAEC is an affiliated institution, the syllabus, curriculum and academic regulations are controlled by the University itself through mentoring from ministry of education.

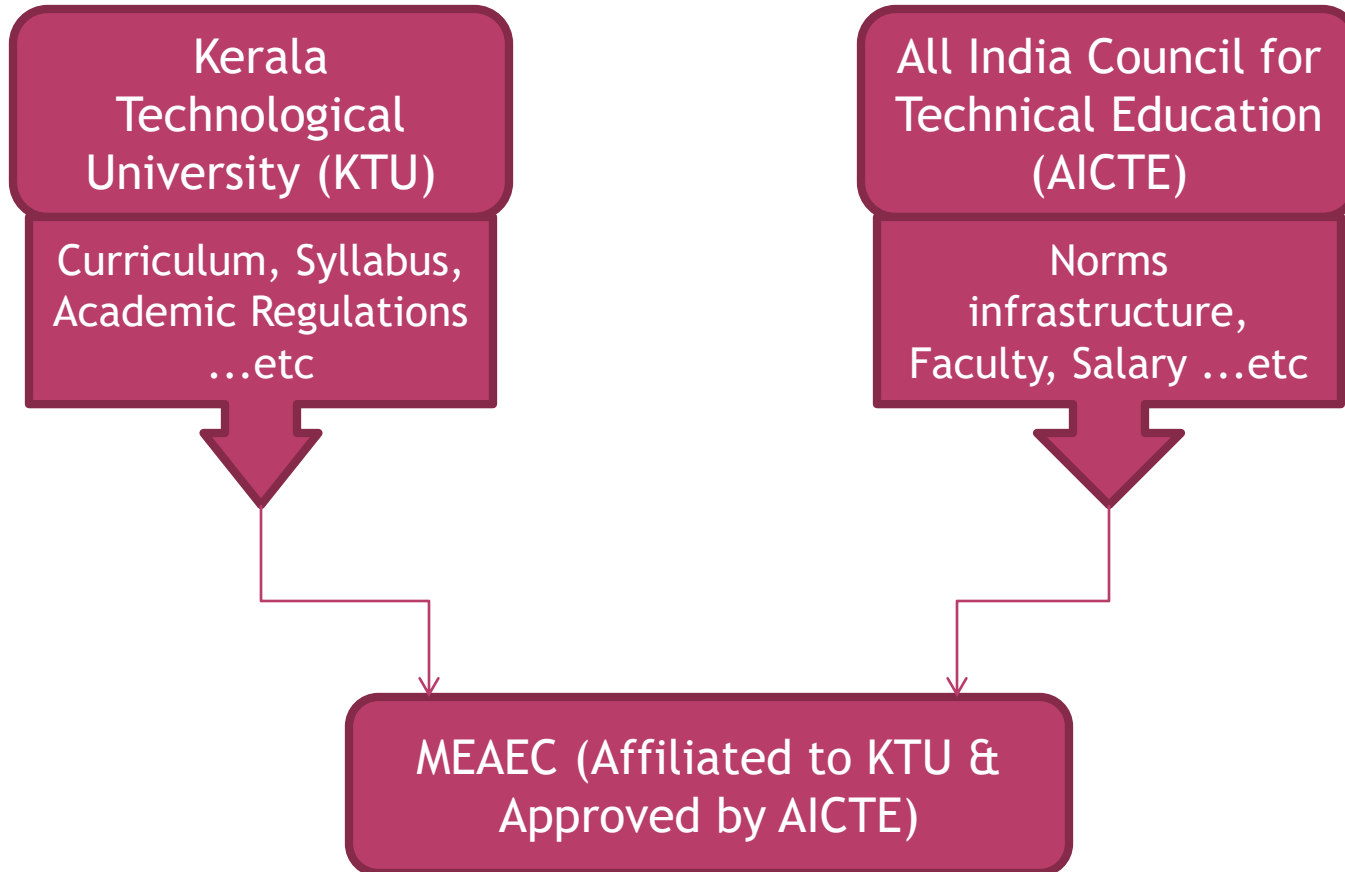
MEAEC providing both UG and PG programs in engineering with more than 1800 students and 160 faculty members.



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## UG PROGRAMS

- B-Tech in Civil Engineering
- B-Tech in Computer Science and Engineering
- B-Tech in Information Technology
- B-Tech in Electronics and Communication Engineering
- B-Tech in Electrical and Electronics Engineering
- B-Tech in Mechanical Engineering



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## PG PROGRAMS

- M-Tech in Power Electronics and Drives
- M-Tech in Computer Science and Engineering
- M-Tech in Communication Engineering.



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Mile Stones:

Si No	Date	Venue	Participants
1	14-11-2016	University of Barcelona, Spain	Mr. Sreeram, Mr. Naseel Ibnu Azeez
2	08-05-2017	KTH Stockholm, Sweden	Dr. Rajin Linus, Mr. Naseel Ibnu Azeez
3	25-09-2017	<b>MEA Engineering College</b>	Dr. Carl Gustaf (KTH-Sweden), Dr. Rajeev (KTH-Sweden), Jb. Sadiq Ali Shihab Thangal, Jb. Hameed Master & College council members
4	07-10-2017	CARDET Nicosia, Cyprus	Mr. Haneesh Babu, Mr. Naseel Ibnu Azeez
5	05-12-2017	IISC Bangalore	Mr. Naseel Ibnu Azeez
6	04-12-2017	IIT Madras	Mr. Naseel Ibnu Azeez
7	22-03-2018	<b>MEA Engineering College</b>	Dr. Nicolas Patrici, Mr. Mathiss Vengard, Mr. Haneef (AID-Bangalore), Dr. Usam (Unity Womens), Mr. Abdul Ali (Unity Womens) & college council members
8	14-07-2018	AID Bangalore	Mr. Naseel Ibnu Azeez
9	14-04-2019	TU Berlin	Mr. Baiju B.S, Mr. Naseel Ibnu Azeez
10	14-08-2019	AID Bangalore	Mr. Baiju B S
11	19-12-2019	Mysore University	Mr. Haneesh Babu K T, Mr. Baiju B S



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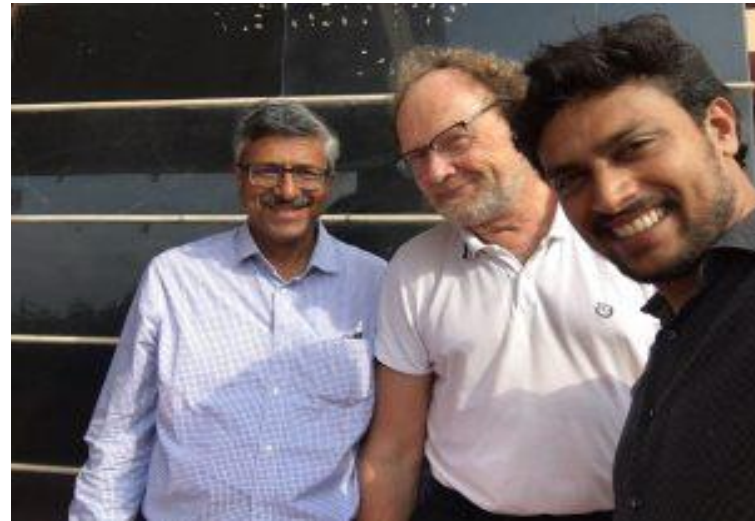


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## E-Learning in MEAEC - The MIELES impact

As part of the validation exercise, on 25 September 2017 , Dr. Carl Gustaf & Dr. Rajeev(KTH-Sweden) visited MEAEC to support the preparation of the SWOT analysis.



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E-Learning in MEAEC - The MIELES impact

The 3rd MIELES Focus Group meeting was held MEAEC on 22 March 2018. The event was facilitated by Dr. Nicolas Patrici, Project Leader, University of Barcelona.



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## E-Learning in MEAEC - The MIELES impact

Teachers use E-Learning tools to improve the quality of teaching-learning process. They have started doing NPTEL Courses in the respective areas.

Using Videos, PPTs and animations they deliver the content effectively

As a trial They have started producing E-Learning content using mobile phone as the audio video recording facility, and publishing the same through YouTube



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E-Learning in MEAEC - The MIELES impact

-We have an Excellent ERP system where the faculty can publish their E-Learning content which can be accessed by all students

-Using this ERP system faculty can ,

- prepare question papers for internal exams
- conduct & evaluate online quiz programs for internal assessment.



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E-Learning in MEAEC - Revised Strategy

- As of now we have purchased the E-Learning Equipment using the fund received through MIELES project.
- The E-Learning content production unit is under construction
- We have constituted an E-Learning Committee of 16 members



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## E-LEARNING EQUIPMENTS PURCHASED

<i>Sl No</i>	<i>Item</i>	<i>Quantity</i>
1	<i>E-Learning Software - Articulate Story Line-3</i>	<i>10 Licenses</i>
2	<i>Work station Server - HP 4WT62PA\$ACJ</i>	<i>1</i>
3	<i>Work station Desktop computers - HP 6HH34PAZ2</i>	<i>2</i>
4	<i>Laptops - Lenovo Thinkpad</i>	<i>10</i>
5	<i>NAS - Network accessible storage - Netgear PN 428</i>	<i>1</i>
6	<i>Condenser Microphone - Blue Yeti Pro</i>	<i>1</i>
7	<i>Podium - Ahuja WSL 250R PA</i>	<i>1</i>
8	<i>Graphic Tablet - Wacom Large PTH 860</i>	<i>1</i>
9	<i>Camera - Canon DSLR EOS 800D</i>	<i>1</i>
10	<i>Lense - Canon EF 500 MM</i>	<i>1</i>
11	<i>Flash light - Simplex Porta</i>	<i>1</i>
12	<i>Tripod - Vanguard Alta Pro</i>	<i>1</i>
13	<i>Projector - Epson EB-530W</i>	<i>1</i>
14	<i>Printer - Brother DCPL355ICDW</i>	<i>1</i>



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# E-LEARNING EQUIPMENTS PURCHASED MIELES



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# E-LEARNING EQUIPMENTS PURCHASED MIELES



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Step 1

- E-Learning Committee
- Training to Faculty Members

Step 2

- Sample Production & Editing
- Selection of Course/Faculty

Step 3

- Content Production & Editing
- Publishing

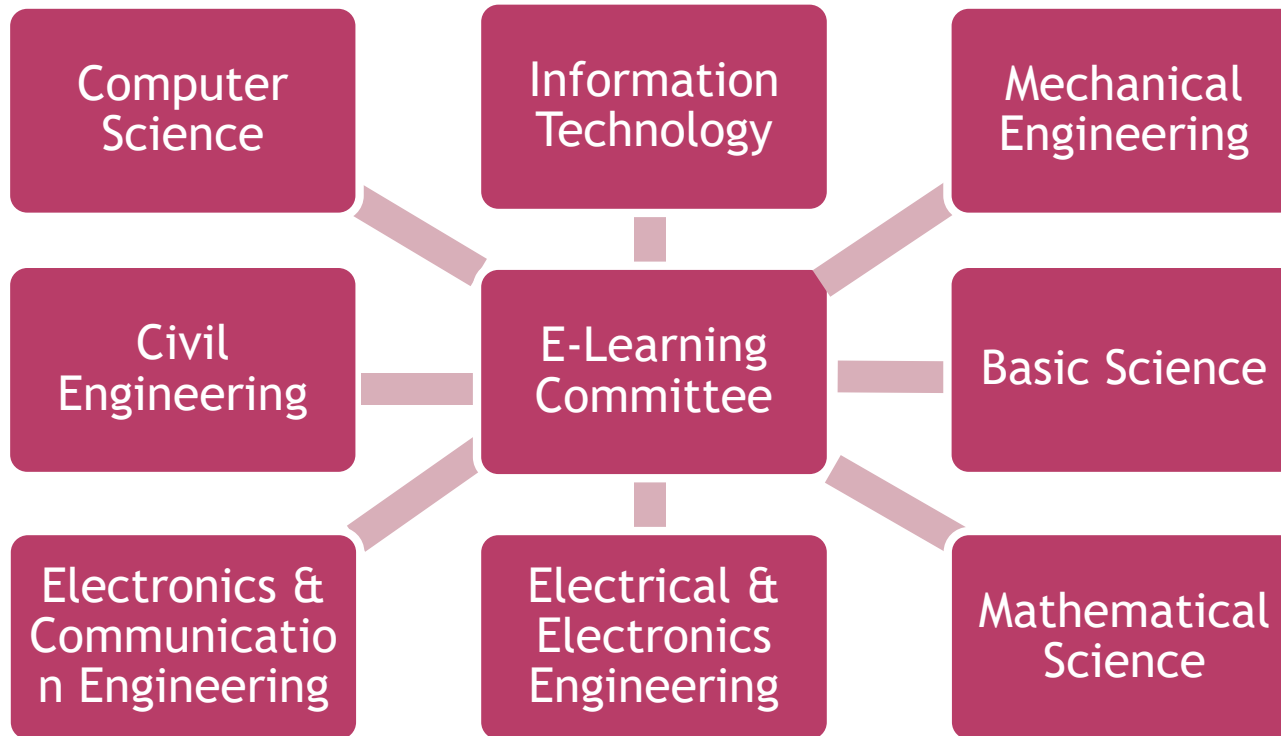


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## E-LEARNING COMMITTEE



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## E-LEARNING TRAINING (20 JAN 2020 TO 20 APR 2020)

**Training for faculty regarding e- learning and e-learning content production. (2 weeks)**

Select 1 Staff member from each Department

Identify Trainer

**Delivery of Training (2 weeks)**

Sample Content Production

Internal Trainer

**Internal Training to selected 4 faculty members from each department (2 Months) (4 groups of 8 members each and two weeks for each group)**

40 Trained faculty members

Sample content Production



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# E-LEARNING CONTENT PRODUCTION **MIELES**

(21 APR 2020 TO 20 OCT 2020)

Preparation to produce E-Learning content exclusively for APJ  
KTU Students (1 Week)

Selection of course and faculty 5 courses/semester/branch)

Recording and editing for Even semester 5 courses/branch  
(5 Months)

Record and edit e-learning contents

Content Verification (1 Month)

Final E-Learning Content to upload



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## E-LEARNING CONTENT DISTRIBUTION (21 OCT 2020 TO 20 DEC 2020)

Distribution of e-learning  
contents through website

Development of web  
module (1 Month)

Uploading content  
(1 Month)



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## MARKETING (21 DEC 2020 TO 20 JUN 2021)



### Marketing e-learning contents among APJ KTU aspirants (6 Months)

SEO of e-learning  
module -

SEO optimization  
by web developer

Off-line  
campaigning -

Printing and  
distribution of  
poster to  
Engineering  
Colleges under KTU

Online  
marketing of e-  
learning module

Running online  
campaign in  
social media



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## DISSEMINATION POTENTIAL

There are around 2 Lakhs students studying in 144 Engineering Colleges under Kerala Technological University. The E-Learning Content produced will be accessible to all Engineering students

We will also conduct workshops on E-Learning for near-by Engineering Colleges



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## FUTURE....

Add on Courses (On-Line) in association with foreign universities

- For Engineering Students/Graduates
- Certification by foreign university

Grooming Courses (On-Line)

- For Engineering Students/Graduates
- Personality Development, Interview skills...etc

Student Exchange Programs with foreign universities (Subjected to the permission from KTU)

- For Engineering Students
- Opportunity to work on live projects



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Thank you...



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