

# **ERODE SENGUNTHAR ENGINEERING COLLEGE**

**(An Autonomous Institution, Affiliated to Anna University, Chennai)**

**PERUNDURAI, ERODE - 638 057**



**Department of Computer Applications [ MCA]**

**5<sup>th</sup> BOARD OF STUDIES MEETING**

**15<sup>th</sup> July 2022 @ 11.00 a.m.**

**GOOGLE ONLINE MEET**

**Link:** <https://meet.google.com/rkf-yajf-est>



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution – Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638057



## DEPARTMENT OF COMPUTER APPLICATIONS [MCA]

### 5<sup>th</sup> BOARD OF STUDIES MEETING (ONLINE MODE)

**Meeting Link:** <https://meet.google.com/rkf-yajf-est>

**Date & Time:** 15.07.2022 & 11.00 a.m.

### AGENDA

The 5<sup>th</sup> Board of Studies Meeting is convened on 15.07.2022. The agenda for the meeting is as follows.

BoS / MCA5.1	:	Welcome address and opening remarks by Chairman, Board of studies in the Department of Computer Applications.
BoS / MCA 5.2	:	Confirmation of the Minutes of the 4 <sup>th</sup> meeting of Board of studies in the Department of Computer Applications and action taken report of 4 <sup>th</sup> meeting of Board of studies.
BoS / MCA5.3	:	To consider and approve the Regulations 2020 of Master of Computer Applications Programme.
BoS / MCA5.4	:	To consider and approve the curriculum of I to IV semesters for the Master of Computer Applications Programme to be offered under R-2020 with effect from the Academic year 2022-2023 onwards.
BoS / MCA5.5	:	To consider and approve the syllabi of I to IV semesters for the Master of Computer Applications Programme to be offered under R-2020 with effect from the Academic year 2022-2023 onwards.
BoS / MCA5.6		Any other items.

  
CHAIRMAN

BOARD OF STUDIES-MCA

Chairman - BoS  
Dept. of Computer Applications  
ESEC





# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution – Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638057



## DEPARTMENT OF COMPUTER APPLICATIONS [MCA]

### 5<sup>th</sup> BOARD OF STUDIES MEETING (ONLINE MODE)

Meeting Link: <https://meet.google.com/rkf-yajf-est>


### MINUTES OF THE MEETING

The 05<sup>th</sup> Board of Studies meeting of Department of Computer Applications [MCA] was held on 15<sup>th</sup> July 2022 at 11.00 a.m. through online (Google meet).

The following members were present

1.	<b>Dr. M. Thangavel,</b> Prof. & Head / MCA	Chairman
2.	<b>Dr. V. Masilamani,</b> Associate Professor, Department of Computer Science and Engineering, IITDM Kancheepuram.	University Nominee
3.	<b>Dr. E. Elavarasan</b> Professor/CSE Pondicherry Engineering College Pondicherry.	Academic Experts
4.	<b>Dr. K.R. Jothi</b> Associate Professor School of Computer Science and Engineering, Vellore Institute of Technology (VIT), Vellore.	
5.	<b>Ms. K.N. Vani</b> Principal, Education and Training Infosys Limited Mysore.	Industrial Expert related to Placement
6.	<b>Dr. S. Anitha Elavarasi</b> Associate Professor – CSE PG Sona College of Technology Salem	Meritorious Alumnus Nominated by the Principal
7.	<b>Mr. P. Natarajan,</b> Assistant Professor / MCA	Internal Members
8.	<b>Mr. C. Senthilkumar</b> Assistant Professor / MCA	
9.	<b>Mr. A. Rajesh</b> Assistant Professor / MCA	

  
**Chairman - BoS**  
**Dept. of Computer Applications**  
**ESEC**

<b>BoS / MCA 5.1</b>	: <b>Welcome address and opening remarks by the Chairman of Board of Studies, Department of Computer Applications.</b>														
	The Chairman, BoS welcomed the members of Board of Studies and thanked each of them for spending their valuable time to attend the meeting.														
<b>BoS / MCA 5.2</b>	: <b>Confirmation of the Minutes of 4<sup>th</sup> Board of Studies Meeting and Action taken report of 4<sup>th</sup> Board of Studies meeting.</b>														
	The Chairman, BoS of the Computer Applications presented the Minutes of 4 <sup>th</sup> Board of Studies Meeting was held on 31.12.2021 and action taken report of the same.														
<b>BoS / MCA5.3</b>	<p>: To consider and approve the Regulations 2020 of Master of Computer Applications Programme.</p> <p>The Chairman, BoS of the Department of Computer Applications presented the Regulations 2020 of Master of Computer Applications Programme.</p> <p><b>9. ASSESSMENT PROCEDURES FOR AWARDING MARKS</b></p> <p><b>9.1. ASSESSMENT FOR THEORY COURSES:</b></p> <p>Two assessments each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all assessments put together out of 200, shall be proportionately reduced for 40 marks and rounded to the nearest integer (This also implies equal weightage to the two assessments).</p> <table border="1" data-bbox="517 1151 1522 1576"><tr><th colspan="2">Assessment I (100 Marks)</th><th colspan="2">Assessment II (100 Marks)</th><th rowspan="2">Total Internal Assessment</th></tr><tr><td>Individual Assignment / Case Study / Seminar / Mini Project</td><td>Written Test</td><td>Individual Assignment / Case Study / Seminar / Mini Project</td><td>Written Test</td></tr><tr><td>40</td><td>60</td><td>40</td><td>60</td><td>200*</td></tr></table> <p>*The weighted average shall be converted into 40 marks for internal Assessment.</p> <div data-bbox="1027 1756 1418 1955" style="text-align: right;"> <b>Chairman - BoS</b> <b>Dept. of Computer Applications</b> <b>ESEC</b></div>	Assessment I (100 Marks)		Assessment II (100 Marks)		Total Internal Assessment	Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Individual Assignment / Case Study / Seminar / Mini Project	Written Test	40	60	40	60	200*
Assessment I (100 Marks)		Assessment II (100 Marks)		Total Internal Assessment											
Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Individual Assignment / Case Study / Seminar / Mini Project	Written Test												
40	60	40	60	200*											



A minimum of two internal assessments will be conducted as a part of continuous assessment. Each internal assessment is to be conducted for 100 marks and will have to be distributed in two parts viz., Individual Assignment/Case study/Seminar/Mini project and Test with each having a weightage of 40% and 60% respectively. The tests shall be in written mode. The total internal assessment marks of 200 shall be converted into a maximum of 40 marks and rounded to the nearest integer.

### **9.2. ASSESSMENT FOR LABORATORY COURSES:**

The maximum marks for Internal Assessment shall be 60 marks in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records are to be maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 60 are as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be converted into a maximum of 60 marks and rounded to the nearest integer.

<b>Internal Assessment (100 Marks)*</b>	
Evaluation of Laboratory Observation, Record	Test
75	25

*\* Internal assessment marks shall be converted into 60 marks*

### **9.3. ASSESSMENT FOR THEORY COURSES WITH LABORATORY COMPONENT:**

If there is a theory course with laboratory component, there shall be two assessments: the first assessment (maximum mark is 100) will be similar to assessment of theory course and the second assessment (maximum mark is 100) will be similar to assessment of laboratory course respectively. The weightage of first assessment shall be 40 % and the second assessment be 60%.

**The weighted average of these two assessments shall be converted into 50 marks and rounded to the nearest integer.**

Assessment I (40% weightage)		Assessment II (60% weightage)		Total Internal Assessment
Individual Assignment t/ Case Study / Seminar / Mini Project	Written Test	Evaluation of Laboratory Observation, Record	Written Test	
40	60	75	25	200*

*\*The weighted average shall be converted into 50 marks for internal Assessment.*

#### **10. PASSING REQUIREMENTS**

10.1 A student who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and laboratory courses (including project work).

#### **14. AWARD OF LETTER GRADES**

The award of letter grades will be decided based on relative grading principle. The relative grading is applicable to ONLY those students who have passed the examination as per the passing requirements enumerated above. For those students who have not passed the examination, Reappearance (RA) shall be awarded as shown in the below Table.

For those students who have passed the course, the relative grading shall be done. The marks of those students who have passed only shall be inputted in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student. For a given course, if the students' strength is greater than 30, the relative grading method shall be adopted. However, if the students' strength is less than 30 then the fixed grading shall be followed with the grade range as specified below.



O	A+	A	B+	B	C	RA
91 - 100	81 - 90	71 - 80	61 - 70	56 - 60	50 - 55	< 50

The performance of a student shall be reported using letter grades, each carrying certain points as detailed below:

Letter Grade	Grade Points*
O (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0

The BoS members approved the same.

**BoS / MCA 5.4**

To consider and approve the curriculum of I to IV semesters for the Master of Computer Applications programme to be offered under R-2020 with effect from the Academic year 2022-2023 onwards.

The Chairman, BoS of the Department of Computer Applications presented curriculum of I to IV semesters for the Master of Computer Applications programme to be offered under R-2020.

The members suggested to include the following elective subjects:

In Elective Category – I , include Deep Learning subject instead of Digital Image Processing (20CAE03) .

In Elective Category – III , include Full Stack Development subject instead of Service Oriented Architecture (20CAE11) .

The BoS members approved the same.

  
**Chairman - BoS**  
 Dept. of Computer Applications  
 ESEC

<b>BoS / MCA 5.5</b>	<p>To consider and approve the syllabi of I to IV semesters for the Master of Computer Applications programme to be offered under R-2020 with effect from the Academic year 2022-2023 onwards.</p>
	<p>The Chairman, BoS of the Department of Computer Applications presented syllabi of I to IV semesters for the Master of Computer Applications programme to be offered under R-2020.</p> <ul style="list-style-type: none"> <li>The BoS members suggested making the syllabus updation in the newly added elective subjects Deep Learning (20CAE03) and Full Stack Development (20CAE11) for the Academic Year 2022 -2023 admitted students.</li> </ul> <p>The BoS members approved the same.</p>
<b>BoS / MCA 5.6</b>	<b>Any other items</b>
	<p>The chairman informed that, the discussed suggestions are being incorporated at the maximum extent and he thanked all the members for their kind cooperation and the meeting came to an end.</p>



**CHAIRMAN  
BOARD OF STUDIES-MCA**



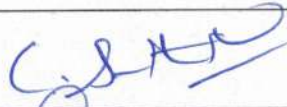

**Chairman - BoS  
Dept. of Computer Applications  
ESEC**



**MEMBERS PRESENT IN ONLINE**

1.	<b>Dr. M. Thangavel,</b> Prof. & Head / MCA	Chairman
2.	<b>Dr. V. Masilamani,</b> Associate Professor, Department of Computer Science and Engineering, IITDM Kancheepuram.	University Nominee
3.	<b>Dr. E. Ilavarasan</b> Professor/CSE Pondicherry Engineering College Pondicherry.	Academic Experts
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5.	<b>Dr. S. Anitha Elavarasi</b> Associate Professor – CSE PG Sona College of Technology Salem	Meritorious Alumnus Nominated by the Principal

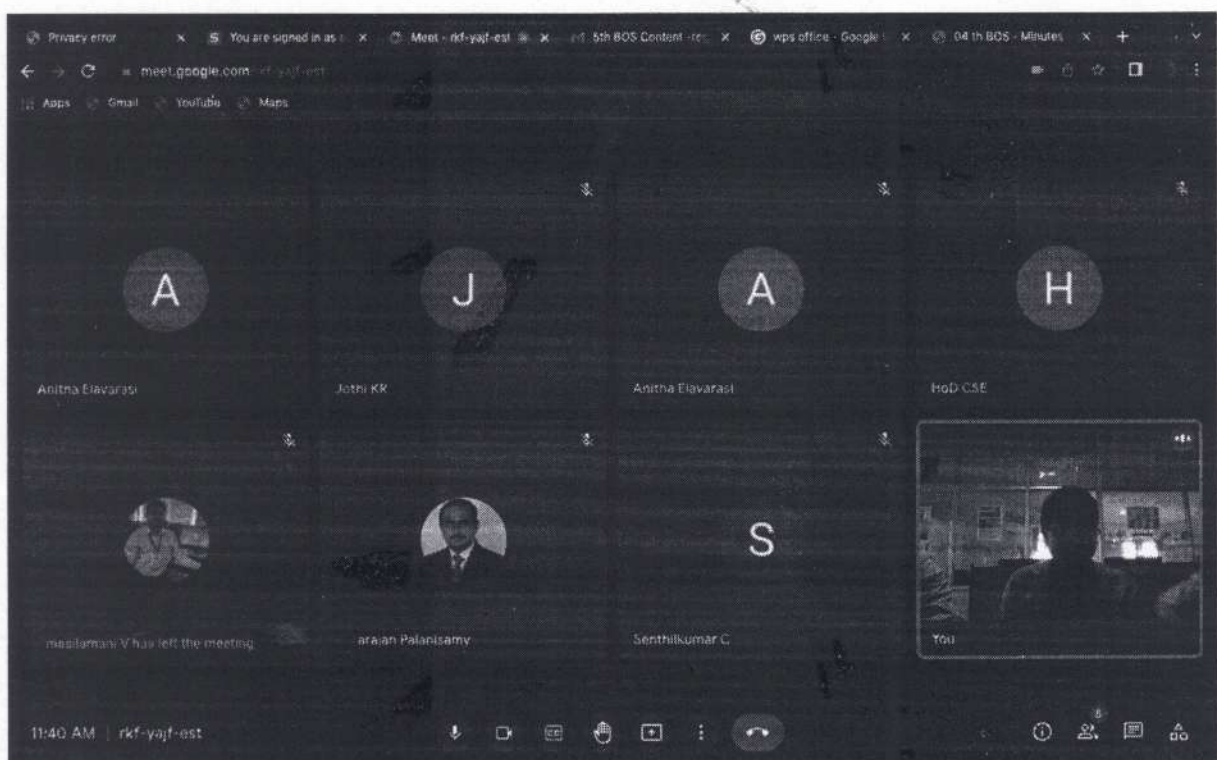
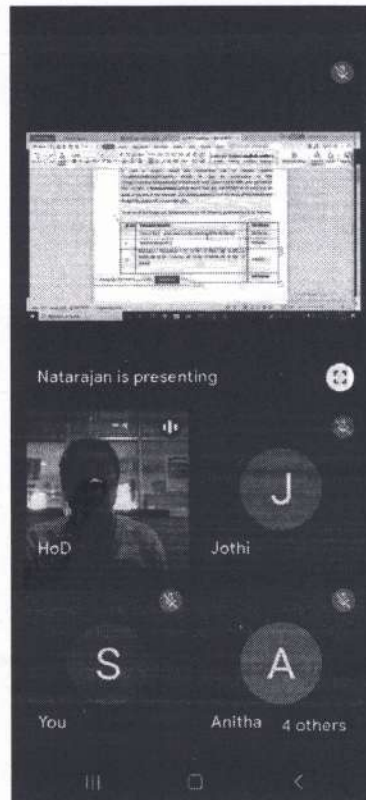
**MEMBERS PRESENT**

1.	<b>Dr. M. Thangavel,</b> Prof. & Head / MCA	
2.	<b>Mr. P. Natarajan,</b> Assistant Professor / MCA	
3.	<b>Mr. C. Senthilkumar</b> Assistant Professor / MCA	
4.	<b>Mr. A. Rajesh</b> Assistant Professor / MCA	

## Department of Computer Applications [ MCA]

The 05<sup>th</sup> Board of studies meeting held on 15.07.2022 through the following link:

Google online meet link <https://meet.google.com/rkf-yajf-est>



*V. Senthilkumar*  
**Chairman - BoS**  
**Dept. of Computer Applications**  
**ESEC**