

# JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

**Minutes of the 2<sup>nd</sup> meeting of Board of Studies for the Department of Computer Science and Engineering held on 10.07.2020 at 3.00pm through Google Meet.**

## Members Present:

| S. no. | Name                                                                                                                                   | Category                   |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1      | Dr.S.P Manikandan,<br>Prof. & Head- CSE<br>Jerusalem College of<br>Engineering                                                         | Chairman                   |
| 2      | Dr. P. Anandhakumar,<br>Professor, Dept. of IT<br>MIT Campus, Anna<br>University                                                       | Anna University<br>Nominee |
| 3      | Dr. T Gnana Sambanthan,<br>Professor, Department of<br>CSE,NITTTR, Chennai-<br>100.                                                    | Subject Expert             |
| 4      | Dr. J Jagadeesan,<br>Professor,<br>Department of CSE<br>SRM University,<br>Ramapuram Campus,<br>Chennai.                               | Subject Expert             |
| 5      | Mr.Vinodh<br>Venkateswaran,<br>Industry Principal,<br>Infosys Engineering<br>Services, Infosys, Chennai.                               | Industry                   |
| 6      | Dr. Doreen Robin<br>Director<br>Computational Intelligence<br>Research Foundation<br>No.3, Ayanavaram Road,<br>Ayanavaram, Tamil Nadu. | Alumni                     |
| 7      | Dr.C.R.Rene Robin<br>Professor (CSE) &<br>Associate Dean<br>JCE                                                                        | MEMBER                     |
| 8      | Dr.Maya Eapen<br>Associate Professor<br>JCE                                                                                            | MEMBER                     |
| 9      | Ms.V.J.Subashini<br>Associate Professor<br>JCE                                                                                         | MEMBER                     |
| 10     | Ms.N.Priya<br>Associate Professor<br>JCE                                                                                               | MEMBER                     |

| S. no. | Name                                                | Category |
|--------|-----------------------------------------------------|----------|
| 11     | Ms.R.Vanitha<br>Associate Professor<br>JCE          | MEMBER   |
| 12     | Ms.H.Mercy<br>Associate Professor<br>JCE            | MEMBER   |
| 13     | Mr.M.Senthil Kumar<br>Assistant Professor<br>JCE    | MEMBER   |
| 14     | Ms.Priya Packialatha<br>Assistant Professor<br>JCE  | MEMBER   |
| 15     | Ms.R.Sukanya<br>Assistant Professor<br>JCE          | MEMBER   |
| 16     | Ms.S.K.Lavanya<br>Assistant Professor<br>JCE        | MEMBER   |
| 17     | Ms.M.Vanitha Sheba<br>Assistant Professor<br>JCE    | MEMBER   |
| 18     | Mr.Usama Abdur Rahman<br>Assistant Professor<br>JCE | MEMBER   |
| 19     | Ms.S.Devi Priya<br>Assistant Professor<br>JCE       | MEMBER   |
| 20     | Ms.T.Saranya<br>Assistant Professor<br>JCE          | MEMBER   |
| 21     | Mrs.R.Leela<br>Assistant Professor<br>JCE           | MEMBER   |



At the outset, the Chairman welcomed the members for the 2<sup>nd</sup> meeting of the Board of Studies through Google Meet. The Chairman highlighted the distinctiveness of the curriculum designed for the undergraduate programme and post graduate programme offered by the Department of **Computer Science and Engineering** under regulation 2019 which was approved in the first Board of Studies meeting held on 24.07.2019. He informed the members that this meeting was focused on finalization of syllabi of courses offered in the second year of respective study by considering all the suggestions given by the respected experts from University and Industry.

The agenda points were discussed in detail as mentioned below:

**Item No. 1 - Approval of Syllabi for the UG courses offered in II year [3<sup>rd</sup> and 4<sup>th</sup> semesters of Batch 2019 - 23] of the Department of Computer Science and Engineering under R2019, Jerusalem college of Engineering**

The syllabi of both theory and laboratory courses that are offered in the third and fourth semesters for undergraduate students following R2019 was presented by the Chairman. The following suggestions were given by the board members in the following subjects:

- **JCS1311 Data Structures Laboratory implementation of programs in Python suggested**
- **JCS1321 Object Oriented Programming, fibres topic was suggested to be included**
- **JCS1312 Database Management Systems Laboratory Python was suggested as a front end tool**
- **JCS1403 Software Engineering inclusion of waterfall model suggested**
- **JCS1411 Operating System Laboratory inclusion of OS installation suggested to be included**

Suggestions given by members were incorporated and the syllabi were finalized.

**Item No. 2-Approval of syllabi of open electives offered by the department in the 4<sup>th</sup> semester for the Batch 2019 - 23.**

The list of open electives to be offered in the fourth semester for undergraduate students of Batch 2019 - 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized. The Chairman informed the members that students can take up Swayam courses as open electives after due validation from the class advisor, HoD and Dean Academics.



### **Item No. 3- Introduction of New Courses**

The following new courses at B.E/B.Tech level has been suggested for the Academic year 2021-22 under Department of Computer Science and Engineering.

1. COMPUTER SCIENCE AND BUSINESS SYSTEMS
2. COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY)

### **Item No.4-Approval of Syllabi for the PG courses offered in II year [3<sup>rd</sup> and 4<sup>th</sup> semesters of batch 2019 - 21] of the Department of Computer Science and Engineering under R2019, Jerusalem College of Engineering.**

The syllabi of both theory and laboratory courses that are offered in the third and fourth semesters for postgraduate students following R2019 was presented by the Chairman. The list of Professional electives offered in the third and fourth semesters were also displayed, and a syllabus of each course was presented. Suggestions given by members were incorporated and the syllabi were finalized.

### **Item No. 5- Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council**

Members approved the revised list of internal and external examiners that was presented by the Chairman.

### **Item No. 6 - Methodologies for innovative Teaching and Evaluation Techniques**

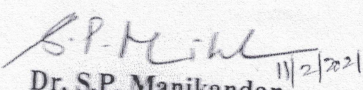
The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Classroom, Cisco WebEx, WhatsApp and other platforms which were adopted by faculty members for teaching and evaluation during this crisis period. The Chairman also highlighted the enthusiastic participation of their students and faculty in taking up value added courses through JCE COURSERA CAMPUS PROGRAM which was a huge success among JCE students and faculty.

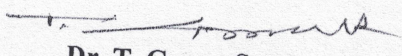
#### **JCE COURSERA CAMPUS PROGRAM**

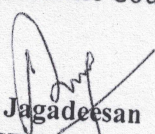
| <b>CATEGORY</b>                      | <b>Count</b> |
|--------------------------------------|--------------|
| <b>TOTAL NO.OF STUDENTS ENROLLED</b> | 141          |
| <b>TOTAL NO.OF COURSES ENROLLED</b>  | 867          |
| <b>TOTAL NO.OF COURSES COMPLETED</b> | 525          |
| <b>TOTAL NO.OF FACULTY ENROLLED</b>  | 16           |
| <b>TOTAL NO.OF COURSES COMPLETED</b> | 10           |



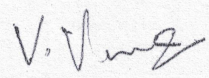
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which he ensured would be incorporated and forwarded to Academic Council.

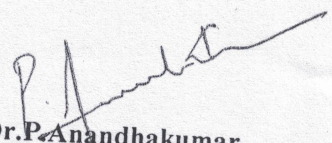
  
Dr. S.P. Manikandan  
CHAIRMAN

  
Dr. T. Gnana Sambanthan  
SUBJECT EXPERT1

  
Dr. J. Jagadeesan  
SUBJECT EXPERT2

  
Dr. Doreen Robin  
ALUMNI MEMBER

  
Mr. Vinodh Venkateswaran  
INDUSTRY EXPERT

  
Dr. P. Anandhakumar  
ANNA UNIVERSITY NOMINEE