JERUSALEM COLLEGE OF ENGINEERING
[An Autonomous Institution affiliated to Anna University]

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

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

At the outset, the Chairman welcomed the members for the 2nd 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 [3rd and 4th 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 4th 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 [3rd and 4th 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
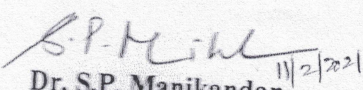
The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Classroom, Cisco WebEx, WhatsApp and other platforms which were adopted by faculty members for teaching and evaluation during this crisis period. The Chairman also highlighted the enthusiastic participation 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.
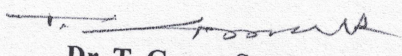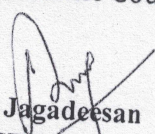
JCE COURSERA CAMPUS PROGRAM

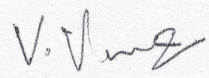| CATEGORY	Count
TOTAL NO.OF STUDENTS ENROLLED	141
TOTAL NO.OF COURSES ENROLLED	867
TOTAL NO.OF COURSES COMPLETED	525
TOTAL NO.OF FACULTY ENROLLED	16
TOTAL NO.OF COURSES COMPLETED	10

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.
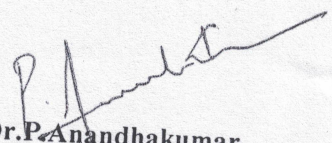
Dr. S.P. Manikandan
CHAIRMAN

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

JERUSALEM COLLEGE OF ENGINEERING
(An Autonomous institution affiliated by Anna University, Chennai)

Minutes of the 1st meeting of Board of Studies for the Department of Computer Science and Engineering held on 24.07.2019 at 10:00 am in Board Room.

Members present:

S. no.	Name	Category
1	Dr.S.P Manikandan, Prof. & HOD- CSE Jerusalem College of Engineering	Chairman
2	Dr. P. Anandhakumar, Professor, Dept. of IT MIT Campus, Anna University	Anna University Nominee
3	Dr. T Gnana Sambanthan, Professor, Department of CSE NITTTR, Chennai-100	Subject Expert
4	Dr. J Jagadeesan, Professor & Head, Department of CSE SRM University, Ramapuram Campus, Chennai	Subject Expert
5	Mr.Vinodh Venkateswaran, Industry Principal, Infosys Engineering Services, Infosys, Chennai.	Industry
6	Dr. Doreen Robin Director Computational Intelligence Research Foundation No.3,Ayanavaram Road, Ayanavaram, Tamil Nadu.	Alumni
7	Dr. C R Rene Robin, Associate Dean, Department of CSE, Jerusalem College of Engineering.	Member

S.no.	Name	Category
8	Dr. X Anita, Associate Professor, Department of CSE, Jerusalem College of Engineering.	Member
9	Dr. Maya Eapen, Assistant Professor, Department of CSE, Jerusalem College of Engineering	Member
10	Mrs. N Priya Assistant Professor, Department of CSE, Jerusalem College of Engineering.	Member
11	Mrs. R.Vanitha Assistant Professor, Department of CSE, Jerusalem College of Engineering.	Member
12	Mrs. Priya Packialatha Assistant Professor, Department of CSE, Jerusalem College of Engineering.	Member
13	Mrs . S.K Lavanya Assistant Professor, Department of CSE, Jerusalem College of Engineering.	Member
14	Ms.Ruby Arya Assistant Professor, Department of CSE, Jerusalem College of Engineering.	Member

The Chairman welcomed the members for attending the 1st meeting of the Board of Studies. The agenda points were discussed in detail as mentioned below:

1. Ratification for continuation of Anna University Curriculum and Syllabi for II, III and IV Year U.G students under R2017 and R2013 respectively and II PG R2017, Anna University.

The Chairman informed the members that the present second and third year B.E Computer Science and Engineering & M.E – Computer Science and Engineering students admitted under Anna University will continue to follow regulation 2017 and the present fourth year students under Anna University will follow regulation 2013. As the college has now been granted autonomous status, the Chairman sought approval from the members to continue with the same curriculum and syllabi with the flexibility of conducting examinations (both assessment and End Semester) through the office of Controller of Examinations, Jerusalem College of Engineering. To this, the members accepted to the proposal of the Chairman.

2. Approval of curriculum and Syllabus of R2019 (CBCS) for I & II Year PG M.E.(C.S.E.)

The Chairman sought approval from the members to continue with the same curriculum and syllabi with the flexibility of conducting examinations (both assessment and End Semester) through the office of Controller of Examinations, Jerusalem College of Engineering for I and II year P.G M.E (CSE) students. The members accepted to the proposal.

3. Approval of UG curriculum for Semester I – VIII of R2019(CBCS), Jerusalem College of Engineering.

The Chairman presented the curriculum for B.E Computer Science and Engineering programmes designed for R2019, to be followed from the academic year 2019-20.The presentation started by defining the PEOs, POs, PSOs and their mappings. The curriculum of each semester was discussed in detail and the summary of the number of credits allotted for each category was informed by the Chairman and the same was approved by the members.

Suggestions given by members

- Members suggested to include subjects based on their pre-requisites
- Design and Analysis of Algorithms was suggested as a mandatory professional core
- Object Oriented Analysis and Design was suggested as a mandatory professional core integrated along with Laboratory practice
- Members suggested Cloud Computing theory to be integrated along with laboratory practice
- Programming and Data Structures in C included in UG semester 3 was suggested to be renamed as Data Structures in order to focus more on concepts

4. Approval of Syllabi for the first year technical courses

The syllabi of the technical subjects that occur in the first and second semester of R2019 were presented by the Chairman.

- Programming in C - I Sem.
- Programming in C Laboratory- I Sem.
- Python Programming – II Sem
- Python Programming Laboratory – II Sem

5. Approval of the panel of Examiners (Both Internal & External) to be forwarded to Academic Council

The Chairman presented the list of internal and external examiners to the members. The members recommended the list to be forwarded to the Academic Council for approval. The lists are enclosed in Annexure -1 and Annexure -2 respectively. It was also resolved that additional names can be included after getting the approval in the subsequent Board of Studies meetings and Academic Council.
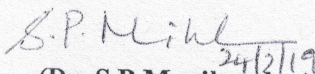
6. Methodologies for innovative Teaching and Evaluation Techniques
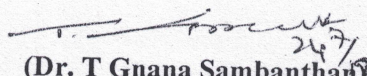
The Chairman suggested different innovative methods for teaching and evaluation. The members also gave suggestions and ideas that could be implemented for better teaching – learning environment.
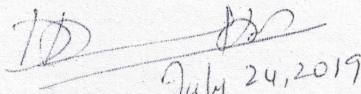
Additional Remarks:

Suggestions on inclusion of emerging professional electives and open electives will be finalized in next BOS.
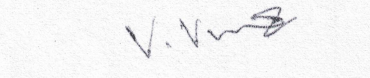
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which he ensured would be incorporated and forwarded to Academic Council.
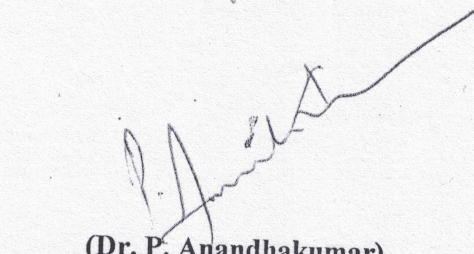

(Dr. S.P Manikandan)
CHAIRMAN

(Dr. T Gnana Sambanthan)
SUBJECT EXPERT1

(Dr. J Jagadeesan)
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