

# 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 Information Technology held on 10.07.2020 at 3.00pm through Google Meet.**

## Members Present:

S. No.	Name	Category
1	Dr.A.Vijayakumar, Professor & Head-IT, Jerusalem College of Engineering	Chairman
2	Dr.R.Gunasekaran, Professor & Head, Dept. of Computer Technology, Anna University, MIT Campus, Chrompet.	Member- Anna University Nominee
3	Dr. T Gnana Sambanthan, Professor, -CSE, NITTTR, Chennai-100.	Member- Subject Expert- Private University
4	Dr. J Jagadeesan, Professor- CSE, SRM University, Ramapuram Campus, Chennai.	Member Subject Expert- Private University
5	Mr.VinodhVenkateswaran, Industry Principal, Infosys Engineering Services, Infosys, Chennai.	Member-Industry
6	Dr. Doreen Robin Director, Computational Intelligence Research Foundation, No.3, Ayanavaram Road, Ayanavaram, Chennai.	Member-Alumni
7	Dr.D.Parameswari Professor JCE	MEMBER
8	Dr. J. Amstrong Joseph Professor JCE	MEMBER
9	Mrs.P.Thilagavathi Associate Professor JCE	MEMBER

S. No.	Name	Category
10	Mr.D.Sudhagar Associate Professor JCE	MEMBER
11	Mrs.S.Indumathi Assistant Professor JCE	MEMBER
12	Mr.George Fernandez I Assistant Professor JCE	MEMBER
13	Mr.L.AntonyRosewelt Assistant Professor JCE	MEMBER
14	Mrs.S.Aishwarya Assistant Professor JCE	MEMBER
15	Mrs.S.M.Sowmiya Assistant Professor JCE	MEMBER
16	Mrs.S.Selvapriya Assistant Professor JCE	MEMBER
17	Mrs.S.Satheasree Assistant Professor JCE	MEMBER
18	Mrs.K.Shanmugapriya Assistant Professor JCE	MEMBER
19	Mr.A.Marimuthu Assistant Professor 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 **Information Technology** under regulation 2019 which was approved in the first Board of Studies meeting held on 10.07.2020. 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 Information Technology 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, fibers 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 course at B.E / B.Tech level has been suggested for the Academic Year 2021-22 under Department of Information technology

**"Artificial Intelligence and Data Science"**

**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 Information Technology 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 syllabi of each course were 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 Meet, 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	108
TOTAL NO.OF COURSES ENROLLED	2319
TOTAL NO.OF COURSES COMPLETED	1559
TOTAL NO.OF FACULTY ENROLLED	6
TOTAL NO.OF COURSES COMPLETED	12

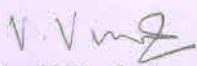
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which he ensured would be incorporated and forwarded to Academic Council.


  
Dr.A.Vijayakumar  
CHAIRMAN

  
Dr.T.GnanaSambanthan  
SUBJECT EXPERT1

  
Dr.J.Jagadeesan  
SUBJECT EXPERT2

  
Dr.Doreen Robin  
ALUMNI MEMBER

  
Mr.VinodhVenkateswaran  
INDUSTRY EXPERT

  
Dr.R.Gunasekaran  
ANNA UNIVERSITY NOMINEE  
**Dr. R. GUNASEKARAN**  
Professor and Head  
Department of Computer Technology  
Anna University, MIT Campus  
Chennai - 600044, India

**JERUSALEM COLLEGE OF ENGINEERING**  
**(An Autonomous Institution, Affiliated to Anna University, Chennai )**

**MINUTES OF BOS**

**MEETING HELD ON 24/07/2019**

24.07.2019

Minutes of the 1<sup>st</sup> meeting of Board of Studies for the Department of Information Technology held on 24-07-2019 at 09:00AM. in Conference Hall, Jerusalem College of Engineering, Chennai – 100.

**Members Present:**

Sl. No.	Members
1.	Dr. A. Vijayakumar, Chairman, Professor and Head Department of Information Technology Jerusalem College of Engineering, Chennai.
2.	Dr. J. Jagadeesan, Expert Member Outside from the parent University - Subject Expert, Professor and Head, Department of Computer Science and Engineering SRM University, Ramapuram Campus, Chennai.
3.	Dr. T. Gnanasambandan Expert Member Outside from the parent University - Subject Expert, Professor, Dept. of Computer Science Engineering, NITTTR, Chennai.
4.	Dr. R. Gunasekaran Expert Member (Anna University Nominee) Professor & Head, Dept. of Computer Technology, MIT Campus, Chromepet, Chennai.
5.	Mr. Vinod Venkateswaran Expert Member (Industry Nominee) Industry Principal, Infosys Engineering Services, Infosys, Chennai.
6.	Dr. D. Doreen Robin Expert Member (Alumni Nominee) Director- Computational Intelligence Research Foundation (CIRF), Chennai.
7.	Dr. D. Parameshwari, Member, Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100
8.	Mrs. P. Thilagavathi, Member, Associate Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100
9.	Mrs. D. Sudhagar, Member, Associate Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100

10.	Mrs. S. Indumathi, Member, Assistant Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100
11.	Mr. I. George Fernandez, Member, Assistant Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100
12.	Mrs. S.M. Sowmiya, Member, Assistant Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100
13.	Mrs. S. Selvapriya, Member, Assistant Professor, Dept. of IT, Jerusalem College of Engineering, Chennai-100

The Chairman welcomed the members for attending the 1<sup>st</sup> 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 of R2017, Anna University.**

The Chairman informed the members that the present second and third year B.Tech. Information Technology & M.E - Software Engineering (S.E.) 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.(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 (SE) 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.Tech. – Information Technology Programme designed for R2019 (CBCS), to be followed from the academic year 2019-20. 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.

#### 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

The following suggestions were given by the BOS members:

- Inclusion of Design & Analysis of Algorithms subject.
- Inclusion of Object Oriented Analysis & Design (Integrated Theory & Practical)
- Inclusion of Data Analytics Lab
- Conversion of Cloud Computing subject into Integrated Theory & Practical.
- Renaming Programming in Data Structures using C into Data Structures
- Removal of Software Engineering Lab and Inclusion of Mobile Applications Development Laboratory

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

#### 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. 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 regrouping and 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. A. VIJAYAKUMAR  
CHAIRPERSON

  
Dr. J. JAGADEESAN  
SUBJECT EXPERT - 1

  
Dr. T. GNANASAMBANDAN  
SUBJECT EXPERT - 2

  
Dr. D. DOREEN ROBIN  
EXPERT MEMBER  
ALUMNI NOMINEE

  
Mr. VINOD VENKATESWARAN  
EXPERT MEMBER  
INDUSTRY NOMINEE

  
Dr. R. GUNASEKARAN  
EXPERT MEMBER  
ANNA UNIVERSITY NOMINEE