

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

Minutes of the 3rd meeting of Board of Studies for the Department of Computer Science and Engineering held on 25.06.2021 at 3.00pm through Google Meet.

Members Present:

S. no.	Name	Category
1	Dr.G. Geetha, 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.13, Ayanavaram Road, Ayanavaram, Tamil Nadu.	Alumni
7	Dr. V.J Subashini Associate Professor JCE	MEMBER
8	Dr. Maya Eapen Associate Professor JCE	MEMBER
9	Ms. R. Vanitha Associate Professor JCE	MEMBER
10	Ms. H. Mercy Associate Professor JCE	MEMBER

S. no.	Name	Category
11	Mr. M. Senthil Kumar Assistant Professor JCE	MEMBER
12	Ms. Priya Packialatha Assistant Professor JCE	MEMBER
13	Ms. R. Sukanya Assistant Professor JCE	MEMBER
14	Ms. M. Vanitha Sheba Assistant Professor JCE	MEMBER
15	Mr. Usama Abdur Rahman Assistant Professor JCE	MEMBER
16	Ms. S. Devi Priya Assistant Professor JCE	MEMBER
17	Ms. S. Selva Priya Assistant Professor JCE	MEMBER
18	Mr. D. Sathish Assistant Professor JCE	MEMBER

At the outset, the Chairman welcomed the members for the 3rd 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 third year of BE (CSE) and ME (CSE) regulation 2021 curriculum and first year ME(CSE) syllabi 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 III year [5th and 6th 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 fifth and sixth semesters for undergraduate students following R2019 was presented by the Chairman. The following suggestions were given by the board members in the following subjects:

- **JCS1603 Cryptography and Network Security, Simulation tools to detect attacks, introduction to IoT attacks, allocate 1 hr from Theory to tutorial was suggested to be included**

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

Item No. 2 - Approval of syllabi of Professional Electives offered by the department in III year [5th and 6th semesters of Batch 2019 - 23]

The list of professional electives to be offered in the third year 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 following suggestions were given by the board members in the following subjects:

- **JCS1001 Computer Hardware and Interfacing, inclusion of hands on session, GPU, architectures for AI & ML and latest trends in Hardware was suggested to be included**
- **JCS1007 Augmented Reality and Virtual Reality open source tools was suggested to be included**
- **JCS1009 Data warehousing and Data Mining, Application and Future Trends in Data Mining was suggested to be included as 5th unit**

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

Item No. 3 - Approval of syllabi of Open Elective - II offered by the III year [5th and 6th semesters of Batch 2019 - 23]

The list of Open Electives to be offered in the third year for undergraduate students of Batch 2019 - 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized.

Item No. 4 –Approval of Curriculum for the ME (CSE) offered by the Department of Department of Computer Science and Engineering under R2021, Jerusalem College of Engineering for the batch 2021-23.

The curriculum for ME(CSE) under regulation 2021 was presented by the Chairman. The overall credit summary, list of foundation courses, Professional core, Audit courses, Employment Enhancement courses, Professional and Open electives offered were also displayed. The curriculum was discussed and finalized by the board members.

Item No. 5 - Approval of Syllabi for the PG courses offered in I year [1stand 2ndsemesters of Batch 2021 - 23] of the Department of Computer Science and Engineering under R2021, Jerusalem college of Engineering

The syllabi of both theory and laboratory courses that are offered in the first and second semesters for postgraduate students following R2021 was presented by the Chairman. Suggestions given by members were incorporated and the syllabi were finalized. The following suggestions were given by the board members in the following subjects:

- **JCP5103 Mobile Application Development, Recent Applications and trends in Mobile Industry was suggested to be included**

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

Item No. 6 – Approval of syllabi of Professional Electives offered by the department in ME(CSE) I year [1stand 2ndsemesters of Batch 2021 - 23]

The list of professional electives to be offered in the first year for postgraduate students of Batch 2021 – 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized. The following suggestions were given by the board members in the following subjects:

- **JSE5004 User Interface Design, open source tools were suggested to be included**

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

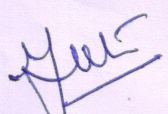
Item No. 7- Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

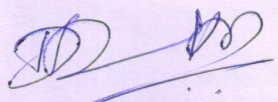
Members approved the revised list of internal and external examiners that was presented by the Chairman.

Item No. 8 - Methodologies for innovative Teaching and Evaluation Techniques

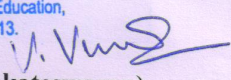
The Chairmanelaborated on variousdigitalteaching methods such as Google Meets, Zoom, Google Classroom, Cisco WebEx, WhatsApp and other platforms which were adopted by faculty members for teaching and evaluation during this crisis periodAs suggested by the BOS committee, we have also incorporated Hackathons as part of teaching and evaluation methodology.

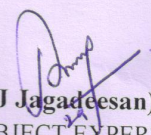
The meeting ended by the Chairman thanking all the members for their presenceand overall suggestions which he ensured would be incorporated and forwarded to Academic Council.

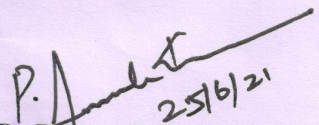

(Dr. G Geetha)
CHAIRMAN


(Dr Doreen Robin)
ALUMNI MEMBER


(Dr. T Gnana Sambanthan)
SUBJECT EXPERT1
Prof. Dr. T. GNANA SAMBANTHAN
Professor / EDP Manager & Head (Retd.)
Dept. of Computer Science & Engineering
National Institute of Technical Teachers Training and Research
Government of India, Ministry of Education,
Taramani, Chennai - 600 113.


(Mr. Vinodh Venkateswaran)
INDUSTRY EXPERT


(Dr. J Jagadeesan)
SUBJECT EXPERT2


(Dr. Anandhakumar)
ANNA UNIVERSITY NOMINEE