

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

Minutes of the 3rd meeting of Board of Studies for the Department of Information Technology held on 25.06.2021 at 3.00pm through Google Meet.

Members Present:

S. No.	Name	Category
1	Dr.K. Sundaramoorthy, 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. Vinodh Venkateswaran, 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	Mrs.P.Thilagavathi Associate Professor JCE	MEMBER
9	Mr.D.Sudhagar Associate Professor JCE	MEMBER

S. No.	Name	Category
10	Mrs.S.Indumathi Assistant Professor JCE	MEMBER
11	Mr.George Fernandez I Assistant Professor JCE	MEMBER
12	Dr.L.AntonyRosewelt Assistant Professor JCE	MEMBER
13	Mrs.S.Aishwarya Assistant Professor JCE	MEMBER
14	Mrs.S.Aishwarya Assistant Professor JCE	MEMBER
15	Mr.KumarParop Gopal Assistant Professor JCE	MEMBER
16	Mr.A.Marimuthu Assistant Professor JCE	MEMBER
17	Mrs.T.Anu 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 Information Technology 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 BTECH (IT) and ME (SE) regulation 2021 curriculum and first year ME(SE) 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 Information Technology 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**
- **JIT1612 Artificial Intelligence Laboratory implementation of programs in Python and C++ suggested**
- **JIT1007 Machine Learning Techniques reorganization of syllabus suggested and also suggested to include some activities.**
- **JIT1009 Natural Language Processing suggested to include some activities to explore the data.**

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

Item No. 2- 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. 3- Ratification and Approval of Subject

Members approved the course JIT1010 Quantum Computing instead of Supply Chain Management that was presented by the Chairman.

Item No. 4-Approval of Curriculum for the ME (SE) offered by the Department of Information Technology under R2021, Jerusalem College of Engineering for the batch 2021-23.

The curriculum for ME(SE) 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 [1st and 2nd semesters of Batch 2021 - 23] of the Department of Information Technology under R2021, 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 R2021 was presented by the Chairman. The list of Professional electives offered in the second semesters were also displayed, and syllabi of each course were presented. The following suggestions were given by the board members in the following subjects:

- **JSE5102 Software Requirements Engineering Software Requirements Specification (SRS) documentation was suggested to be included**
- **JSE5008 Semantic Web Use of Protege ontology editor and framework for building systems activities suggested.**
- **JSE5007 Deep Learning Model with Keras and TensorFlow activities suggested.**

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

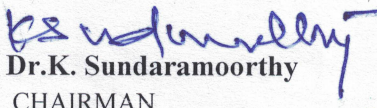
Item No. 5- Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

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

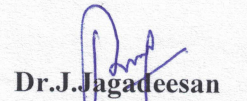
The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Classroom, Cisco WebEx, WhatsApp and other platforms which were adopted by faculty members for teaching and evaluation during this crisis period. As suggested by the BOS committee, we have also incorporated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

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

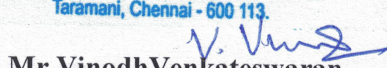

Dr.K. Sundaramoorthy
CHAIRMAN

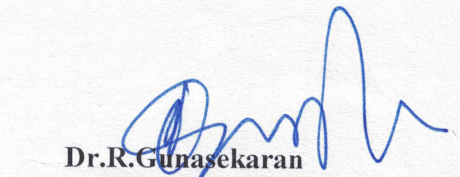

Dr.T.GnanaSambanthan

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.


Dr.J.Jagadeesan
SUBJECT EXPERT2


Dr.Doreen Robin
ALUMNI MEMBER


Mr.VinodhVenkateswaran
INDUSTRY EXPERT


Dr.R.Gunasekaran
ANNA UNIVERSITY NOMINEE