

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

Minutes of the 2nd meeting of Board of Studies for the Department of Cyber Security held on 19th June 2023 at Jerusalem college of Engineering in Board Room at 9.00 AM.

Members present:

- Dr.Maya Eapen, Professor, Head , Department of Computer Science and Engineering, Jerusalem College of Engineering- Chairman
- Dr. B. Sivaselvan , Associate Professor, Department of Computer Science IIITDM Kancheepuram, Anna University Nominee – Member
- Dr. J Jagadeesan, Professor and Head, Department of Computer Science and Engineering Aarupadai Veedu Institute of Technology, Paiyanur, Tamilnadu, Subject Expert - Member
- Mr. Vinodh Venkateswaran, Industry Principal, Infosys Engineering Services, Infosys, Chennai, Industry Representative-Member
- Mr.Sudeesh Sankaravel, Associate Fellow Data Scientist, Verizon, Chennai, Industry Representative-Member
- Dr. Doreen Robin, Director, Computational Intelligence Research Foundation, Chennai, Alumni –Member
- Dr.R.Vanitha, Associate Professor and Head, Department of Cyber Security, Jerusalem College of Engineering ,
- Mrs.K.Sowmiya, Assistant Professor, Department of Cyber Security, Jerusalem College of Engineering – Member
- Ms.D.Nithya ,Assistant Professor ,Department of Cyber Security, Jerusalem College of Engineering – Member

At the outset, the chairman welcomed the members for the 2nd meeting of the Board of Studies. The chairman highlighted the distinctiveness of the curriculum and syllabus designed for the undergraduate programme offered by the department of computer science and engineering under Regulation 2021 for B.E.CSE (Cyber Security). The chairman informed the members that this meeting was focused on finalizing the syllabi of (III-VIII) semester under R2021, curriculum

of (I-VIII) semester under R2023 and list of Professional Electives in the form of verticals for honors and minor degree.

The agenda points were discussed in detail as mentioned below:

Item No. 1 –Approval of curriculum (III to VIII) semesters under R2021 for B.E.CSE (Cyber Security) programme of Jerusalem College of Engineering.

The chairman presented the curriculum for B.E.CSE (Cyber Security) programme designed for R2021 to be followed from the academic year 2022-2023. The curriculum of each semester was discussed in detail and the summary of the number of credits allotted for each category was informed by chairman and the following points were suggested.

- Board members suggested to include some advanced topics like cloud security, web application security in the higher semester.
- Subject experts suggested to add Blockchain and Cryptocurrencies in 7th semester instead of biometric security subject.

Mentioned suggestions have been incorporated in the curriculum. The finalized curriculum under R2021 is attached in Annexure 1.

Item No. 2 - Approval of Professional Elective list in the form of verticals for the Students admitted in the year 2022, in B.E CSE (Cyber Security) programme under R2021, Jerusalem College of Engineering.

The syllabi of Professional Electives for honors and minor degree offered by the Cyber Security department for the undergraduate students following R2021 were presented by the Chairman.

Members of BOS suggested the following points in the syllabi of professional electives:

- To reduce the number of verticals offered by the department and to increase the number of subjects in each vertical
- To mention proper prerequisites in the syllabi.
- To include low-price edition books as textbooks.

Suggestions given by members were incorporated and syllabi were finalized. The finalized list of Professional Electives in the form of verticals is shown in Annexure 2.

Item No. 3 – Ratification and Approval of PEOs and PSOs for UG Programme R2023.

The chairman presented the PEOs and PSOs for R2023. The revised PEOs and PSOs are enclosed in Annexure 3.

Item No. 4 – Approval of curriculum (I- VIII) semesters under R2023 for B.E.CSE (Cyber Security) programme of Jerusalem College of Engineering.

The chairman presented the curriculum for B.E.CSE(Cyber Security) programme designed for R2023 to be followed from the academic year 2023-2024. The curriculum of each semester was discussed in detail and the summary of the number of credits allotted for each category was informed by chairman and the following points were suggested.

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- Dr. B. Sivaselvan Suggested to reduce the number of credits in the 7th semester and 8th semester and to focus more on projects and placements
 - Subject experts suggested to remove the Mini project from the 6th semester.

Suggestions given by members were incorporated and the curriculum was finalized. The finalized curriculum is attached in Annexure 4.

Item No. 5 – Approval of Syllabi of the second year core courses under R2021 for B.E.CSE (Cyber Security) programme of Jerusalem College of Engineering.

The syllabi of the following technical subjects that are offered in the third and fourth semesters of R2021 were presented by the Chairman.

- **Data Structures and Algorithms**
- **Data Structure and Algorithms Laboratory**
- **Data Communication and Networks**

Suggestions given by members regarding inclusion of some new text books and web links were incorporated and the syllabi were finalized. The finalized syllabi of the second year core courses are shown in Annexure 5.

Item No. 6 - Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

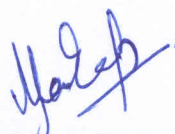
Members approved the revised list of internal and external examiners that was presented by the Chairman. The list is enclosed in Annexure 6.

Item No. 7- Methodologies for innovative Teaching and Evaluation Techniques

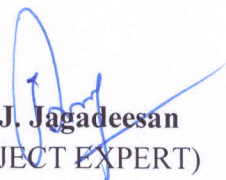
The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Class Room and other platforms which were adopted by faculty members for teaching and evaluation.

Additional Remarks:

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



Dr. Maya Eapen
(CHAIRMAN)



Dr. J. Jagadeesan
(SUBJECT EXPERT)



Dr. Doreen Robin
(ALUMNI MEMBER)



Mr. Vinodh Venkateswaran

(INDUSTRY EXPERT)



Mr. Sudeesh Sankaravel

(INDUSTRY EXPERT)



Dr. Sivaselvan B

(ANNA UNIVERSITY
NOMINEE)