JERUSALEM COLLEGE OF ENGINEERING

(An Autonomous College affiliated to Anna University, Chennai)

MINUTES OF THE TENTH MEETING OF THE ACADEMIC COUNCIL HELD ON 12.08.2025 (TUESDAY) at 10.00 am, in the CONFERENCE HALL, JCE.

MEMBERS PRESENT

S.No.	NAME	DESIGNATION	Position
1	Dr.Ramesh Sengottuvelu	Principal	Chairman
2	Dr.T.K.Kannan	Dean - Administration	Member
3	Dr.N.John Jebarathinam	Dean – IQAC	Member
4	Dr.S.Ramakrishnan	Controller of Examinations	Member
5	Dr.V.Jamuna	Dean – Student Affairs	Member
6	Dr.P.Gnanasivam	Dean – Industry Relations & TBI	Member
7	Dr.Sheeja V Francis	Dean – Augmentation & HoD –ECE	Member
8	Dr.K.Sundaramoorthy	Dean Admissions & HoD – IT	Member
9	Dr. S.Arun	Dean - Research	Member
10	Dr.D.Parameswari	Associate Dean - AAA & HoD – AI&ML	Member
11	Dr.M.S.Jeyalakshmi	HoD – AI&DS	Member
12	Dr.J.Samuel Manoharan	HoD- BME	Member
13	Dr. R.Balaraman	HoD Incharge - CE	Member
14	Dr.Maya Eapen	HoD – CS&BS	Member
15	Dr.A.Velmurugan	HoD - CSE	Member
16	Dr.S.Lilly Sheeba	HoD – CS	Member
17	Dr.S.Vinod	HoD - EEE	Member
18	Dr.S.Muthumani	HoD – MBA	Member
19	Mr.V.Sudhakar	HoD – S&H	Member
20	Mr.E.Karunanidhi	Manager – HR, Jasmin Infotech Pvt., Ltd.,	Expert Member
21	Mr.Dharmendra Shanmugham	Director, Zifo RnD Solutions, Chennai	Expert Member
22	Dr. V. Bala Naga Jyothi	Scientist – E, NIOT, Pallikaranai	Expert Member
23	Dr. V. Senthilkumar	Professor, Department of Electrical and Electronics Engineering, CEG Campus Anna University, Chennai – 25.	Expert Member (Anna University Nominee)
24	Dr. Abirami Murugappan	Professor, Department of Information Science and Technology, CEG Campus, Anna University, Chennai – 25.	Expert Member (Anna University Nominee)
25	Dr. M. A. Bhagyaveni	Professor, Department of ECE., CEG Campus, Anna University, Chennai – 600 025.	Expert Member (Anna University Nominee)
26	Dr.P.Anuradha	Dean – Academics	**Member Secretary**

The following members are special invitees:

S.No.	DESIGNATION	POSITION
1	Physical Director	Special Invitee
2	Placement Officer	Special Invitee

The following members expressed their inability to attend the meeting due to their preoccupation.

S.No.	NAME	DESIGNATION	POSITION
1	Dr.S.Rajkumar	President, M/s.Rane Engine Valve Ltd.,	Expert Member
2	Dr.S.Gowri	Former – Vice Chancellor, University of Madras	Member

The Principal and Chairman of the Academic Council of Jerusalem College of Engineering welcomed all the external and internal members to the Tenth Academic Council Meeting.

The Chairman briefed the members about the following significant achievements of the Institution during the academic year 2024 – 25.

1. Conduction of all academic activities and end semester examinations in a smooth manner.
2. Application for NBA for Departments of CSE, EEE, BME & MBA, during Dec 2025 and waiting for revised format to apply for NAAC
3. 17 funded research projects with fund over Rs. 130 lakhs sanctioned from MSME, DST, AICTE, TNSCST etc.,
4. Two patents granted (1 ECE & 1 EEE).
5. 36 MoUs signed in 2024 – 25. Noted ones are given below:
    - Krirk University
    - Judson University, USA.
    - International college of Auckland (ICA), New Zealand
    - Ashok Leyland, Hosur

Dr. M. A. Bhagyaveni
(AU Nominee)

Dr. V. Senthilkumar
(AU Nominee)

Dr. Abirami Murugappan
(AU Nominee)

Dr. V. Bala Naga Jyothi
(Expert Member)

Mr.Dharmendra Shanmugham
(Expert Member)

Mr.E.Karunanidhi
(Expert Member)

6. Funds over 15L received under EDI.
7. Received 90 lakhs fund sanctioned for AICTE IDEA lab. Identified area of 3000 sq. ft. for the lab.
8. 80% placements achieved.
9. ICE Ranks:
    - India Academia Ranking 2024 – positioned in Diamond Band for Research Excellence.
    - Employability and Startup Ecosystem Rankings 2024 – positioned in Diamond band for employability and startup eco systems excellence.
    - Research Excellence Ranking 2024 – positioned in Diamond Band for Research Excellence.
    - Ranked as one of the Best Engineering Institutions in 2024 by Careers 360.
    - Received prestigious 2 awards from Institution of Engineers.

The chairman outlined the following agenda of the meeting to the members:

SECTION 1: ITEMS FOR CONFIRMATION

SECTION 2: ITEMS FOR RATIFICATION AND APPROVAL

SECTION 3: ITEMS FOR INFORMATION

SECTION 1: ITEMS FOR CONFIRMATION

Item No. 10.1.1

To confirm the minutes of the Ninth Academic Council meeting held on 21.08.2024.

The minutes of the Ninth Academic Council meeting held on 21.08.2024 was presented by the Chairman. The same was confirmed by the council and is presented in ***Annexure – I***

Item No. 10.1.2

To review the action taken on the decisions of the Ninth Academic Council meeting held on 21.08.2024

The Chairman presented the action taken report based on the suggestions given during the Ninth Academic Council meeting held on 21.08.2024.

Item. No.	Suggestions made by AC members	Action taken
9.2.1	Dr. S.Gowri Suggested to shift the open elective course on "Basics of Neural Network" offered by BME Department under R23 from the 7th semester to any earlier semester.	The suggestion is well taken and the course has now been shifted to semester 5.

The item was approved by the council.

SECTION 2: ITEMS FOR RATIFICATION AND APPROVAL

Item No. 10.2.1

To Consider and approve the following

a. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. – Biomedical Engineering programme**
b. **Revised panel of internal and external examiners**
c. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Bio-medical Engineering brought the following to the notice of the council and sought approval of the decision of the Board of Studies in its meeting held on 09.05.2025.

i. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. BME Programme
ii. Recommended panel of internal & external examiners
iii. Methodologies for innovative teaching and evaluation techniques
iv. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – II***

Dr. M. A. Bhagyaveni
(AU Nominee)

Dr. V. Senthilkumar
(AU Nominee)

Dr. Abirami Murugappan
(AU Nominee)

Dr. V. Bala Naga Jyothi
(Expert Member)

Mr.Dharmendra Shanmugham
(Expert Member)

Mr.E.Karunanidhi
(Expert Member)

Item No. 10.2.2

To Consider and approve the following items:

a. **Syllabi of third and final year courses (core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. CSE programme**
b. **Revised panel of internal and external examiners**
c. **for innovative teaching and evaluation techniques**

The Head of the Department of Computer Science and Engineering brought the following to the notice of the council and sought approval of the decision of the Board of Studies in its meeting held on 14.05.2025.

i. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. CSE programmes
ii. Recommended panel of internal and external examiners
iii. Methodologies for innovative teaching and evaluation techniques
iv. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – III***

Item No. 10.2.3

To Consider and approve the following items:

a. **Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme**
b. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme**
c. **Revised panel of internal and external examiners**
d. **Methodologies for innovative teaching and evaluation techniques**

Dr. M. A. Bhagyaveni **(AU Nominee)**	**Dr. V. Senthilkumar** **(AU Nominee)**	**Dr. Abirami Murugappan** **(AU Nominee)**
Dr. V. Bala Naga Jyothi **(Expert Member)**	**Mr.Dharmendra Shanmugham** **(Expert Member)**	**Mr.E.Karunanidhi** **(Expert Member)**

The Head of the Department of Artificial Intelligence and Machine Learning brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 14.05.2025.

i. Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme
ii. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme
iii. Recommended panel of internal and external examiners
iv. Methodologies for innovative teaching and evaluation techniques
v. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – IV***

Item No. 10.2.4

To Consider and approve the following items:

a. **Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (Cyber Security) programme**
b. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. CSE (Cyber Security) programme**
c. **Revised panel of internal and external examiners**
d. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Cyber Security brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 14.05.2025.

i. Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (Cyber Security) programme
ii. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. - CSE (Cyber Security) programme
iii. Recommended panel of internal and external examiners
iv. Methodologies for innovative teaching and evaluation techniques

Dr. M. A. Bhagyaveni (AU Nominee)	**Dr. V. Senthilkumar (AU Nominee)**	**Dr. Abirami Murugappan (AU Nominee)**
Dr. V. Bala Naga Jyothi (Expert Member)	**Mr.Dharmendra Shanmugham (Expert Member)**	**Mr.E.Karunanidhi (Expert Member)**

v. Department achievements during the academic year 2023-24 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – V***

Item No. 10.2.5

To Consider and approve the following items:

a. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. – Electronics and Communication Engineering programme**
b. **Revised panel of internal and external examiners**
c. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Electronics and Communication Engineering brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 09.05.2025.

i. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. – Electronics and Communication Engineering programme
ii. Recommended panel of internal & external examiners
iii. Methodologies for innovative teaching and evaluation techniques
iv. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – VI***

Item No. 10.2.6

To Consider and approve the following items:

a. **Syllabi of third and final year courses under (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. – Electrical and Electronics Engineering**
b. **Revised panel of Internal and External examiners**
c. **Methodologies for innovative teaching and evaluation techniques**

Dr. M. A. Bhagyaveni (AU Nominee)	**Dr. V. Senthilkumar (AU Nominee)**	**Dr. Abirami Murugappan (AU Nominee)**
Dr. V. Bala Naga Jyothi (Expert Member)	**Mr.Dharmendra Shanmugham (Expert Member)**	**Mr.E.Karunanidhi (Expert Member)**

The Head of the Department of Electrical and Electronics Engineering brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 16.05.2025.

i. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. – Electrical and Electronics Engineering programme
ii. Recommended panel of internal & external examiners
iii. Methodologies for innovative teaching and evaluation techniques
iv. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – VII***

Item No. 10.2.7

To Consider and approve the following items:

a. **Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.Tech. - AI&DS programme**
b. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. AI&DS programmes**
c. **Revised panel of internal and external examiners**
d. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Artificial Intelligence and Data Science brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 14.05.2025.

i. Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.Tech. - AI&DS programme
ii. Syllabi of third and final year courses (core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. - AI&DS programmes
iii. Recommended panel of internal & external examiners
iv. Methodologies for innovative teaching and evaluation techniques

Dr. M. A. Bhagyaveni (AU Nominee)	**Dr. V. Senthilkumar (AU Nominee)**	**Dr. Abirami Murugappan (AU Nominee)**
Dr. V. Bala Naga Jyothi (Expert Member)	**Mr.Dharmendra Shanmugham (Expert Member)**	**Mr.E.Karunanidhi (Expert Member)**

v. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – VIII***

Item No. 10.2.8

To Consider and approve the following items:

a. **Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.Tech. – CS&BS programme**
b. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. CS&BS programmes**
c. **Revised panel of internal and external examiners**
d. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Computer Science and Business System brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 14.05.2025.

i. Syllabi of final year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.Tech. – CS&BS programme
ii. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. – CS&BS programmes
iii. Recommended panel of internal & external examiners
iv. Methodologies for innovative teaching and evaluation techniques
v. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – IX***

Dr. M. A. Bhagyaveni **(AU Nominee)**	**Dr. V. Senthilkumar** **(AU Nominee)**	**Dr. Abirami Murugappan** **(AU Nominee)**
Dr. V. Bala Naga Jyothi **(Expert Member)**	**Mr.Dharmendra Shanmugham** **(Expert Member)**	**Mr.E.Karunanidhi** **(Expert Member)**

Item No.10.2.9

To Consider and approve the following items:

a. **Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. – IT programme**
b. **Revised panel of internal and external examiners**
c. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Information Technology brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 14.05.2025.

i. Syllabi of third and final year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.Tech. – IT programmes
ii. Recommended panel of internal & external examiners
iii. Methodologies for innovative teaching and evaluation techniques
iv. Department achievements during the academic year 2024-25 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – X***

Item No.10.2.10

To Consider and approve the following items:

a. **Syllabi of second year courses under R2023 of Jerusalem College of Engineering for MBA (HA) programme**
b. **Revised panel of internal and external examiners**
c. **Methodologies for innovative teaching and evaluation techniques**

The Head of the Department of Management Studies brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 23.05.2025.

Dr. M. A. Bhagyaveni
(AU Nominee)

Dr. V. Senthilkumar
(AU Nominee)

Dr. Abirami Murugappan
(AU Nominee)

Dr. V. Bala Naga Jyothi
(Expert Member)

Mr.Dharmendra Shanmugham
(Expert Member)

Mr.E.Karunanidhi
(Expert Member)

i. Syllabi of second year courses under R2023 of Jerusalem College of Engineering for MBA (HA) programmes

ii. Recommended panel of internal & external examiners

The council considered and approved the decision of the BoS. The details are presented in ***Annexure – XI***

Item No.10.2.11

To Consider and approve the following item:

Ratification of POs (as per NBA SAR Document of August 2024) to be implemented for the batch of students from Academic Year 2025 – 26.

Dean IQAC presented the list of POs to be implemented for the batch of students from the Academic Year 2025-2026

The item was approved by the council. The details are presented in ***Annexure – XII***

SECTION 3: OTHER ITEMS FOR INFORMATION

Item 10.3.1

RESULT ANALYSIS (UG AND PG PROGRAMMES) FOR THE ACADEMIC YEAR 2024-25

CoE briefed the members about the results achieved in the Nov/Dec 2024 and April/May/June 2025 examinations for information of the council.

The details are presented in ***Annexure – XIII***

Item 10.3.2

RESEARCH ACTIVITIES

On behalf of Dean Research, the Head of the Department of EEE, briefed the members about the research activities during the period Aug 2024 – July 2025 for information of the council.

The details are presented in **Annexure – XIV**

Dr. M. A. Bhagyaveni **(AU Nominee)**	**Dr. V. Senthilkumar** **(AU Nominee)**	**Dr. Abirami Murugappan** **(AU Nominee)**
Dr. V. Bala Naga Jyothi **(Expert Member)**	**Mr.Dharmendra Shanmugham** **(Expert Member)**	**Mr.E.Karunanidhi** **(Expert Member)**

Item 10.3.3

INCUBATOR ACTIVITIES

Dean Industry Relations & TBI briefed the members about the MSME and EDII – Tamil Nadu funded projects received during the period Aug 2024 – July 2025 for information of the council. The details are presented in **Annexure - XV.**

Item 10.3.4

PLACEMENT REPORT

The Placement Officer briefed the members about the placement details during the period Aug 2024 – July 2025 for information of the council. The details are presented in **Annexure - XVI.**

Item 10.3.5

IQAC REPORT

Dean IQAC briefed the members about activities conducted during the period Aug 2024 – July 2025 for information of the council. The details are presented in **Annexure - XVII.**

Item 10.3.6

STUDENT ACTIVITIES

Dean Student Affairs briefed the members about the various student activities conducted during the period Aug 2024 – July 2025 for information of the council. The details are presented in **Annexure - XVIII.**

Item 10.3.7

AUGMENTATION CELL ACTIVITIES

Dean Augmentation Cell briefed the members about the various student activities conducted during the period Aug 2024 – July 2025 for information of the council. The details are presented in **Annexure - XIX.**

Dr. M. A. Bhagyaveni **(AU Nominee)**	**Dr. V. Senthilkumar** **(AU Nominee)**	**Dr. Abirami Murugappan** **(AU Nominee)**
Dr. V. Bala Naga Jyothi **(Expert Member)**	**Mr.Dharmendra Shanmugham** **(Expert Member)**	**Mr.E.Karunanidhi** **(Expert Member)**

Item 10.3.8

SPORTS ACTIVITIES

The Physical Director briefed the members about the various sports events conducted during the period Aug 2023 – July 2024 for information of the council. The details are presented in **Annexure - XX.**

Dean Academics thanked all the members for their presence and valuable suggestions. She assured the members that all suggestions given by the members would be incorporated and minutes of the meetings would be sent to them for their final concurrence and for further implementations during the academic year 2025 – 26.

Dr. M. A. Bhagyaveni
(AU Nominee)

Dr. V. Senthilkumar
(AU Nominee)

Dr. Abirami Murugappan
(AU Nominee)

Dr. V. Bala Naga Jyothi
(Expert Member)

Mr.Dharmendra Shanmugham
(Expert Member)

Mr.E.Karunanidhi
(Expert Member)

Dr.P.Anuradha
(Member Secretary)

Dr.Ramesh S
(Chairman)