

JERUSALEM COLLEGE OF ENGINEERING

(An Autonomous College affiliated to Anna University, Chennai)

**MINUTES OF THE NINTH MEETING OF THE ACADEMIC COUNCIL HELD ON 21.08.2024
(WEDNESDAY) at 02.00 pm. in the CONFERENCE HALL, JCE.**

MEMBERS PRESENT

S.No.	NAME	DESIGNATION	POSITION
1	Dr.Ramesh Sengottuvelu	Principal	Chairman
2	Dr.S.Gowri	Former – Vice Chancellor, University of Madras	Member
3	Dr.S.Ramakrishnan	Professor - EEE	Member
4	Dr.N.John Jebarathinam	Dean – IQAC/AAA	Member
5	Dr.V.Jamuna	Dean – Student Affairs	Member
6	Dr.P.Gnanasivam	Dean – Industry Relations & TBI	Member
7	Dr.Sheela 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.J.Samuel Manoharan	HOD- BME	Member
12	Dr. R.Balaraman	HOD Incharge - CE	Member
13	Dr.Maya Eapen	HOD - CSE	Member
14	Dr.S.Lilly Sheeba	HOD – Cyber Security	Member
15	Dr.S.Vinod	HOD - EEE	Member
16	Dr.S.Muthumani	HOD – MBA	Member
17	Dr.P.K.Kishore Kumar	HOD – S&H	Member
18	Mr.E.Karunanidhi	Manager – HR, Jasmin Infotech Pvt., Ltd.,	Expert Member
19	Dr.S.Rajkumar	President, M/s.Rane Engine Valve Ltd.,	Expert Member
20	Dr.P.Jayashree	Professor & Head, Department of Computer Technology, MIT Campus, Anna University	Expert Member - Anna University Nominee
21	Dr.K.Murugan	Professor, Ramanujan Computing Centre, Anna University	Expert Member - Anna University Nominee
22	Dr.P.Anuradha	Dean – Academics	Member Secretary

The following members are special invitees:

S.No.	DESIGNATION	POSITION
1	CoE	Special Invitee
2	Administrative Officer	Special Invitee
3	Physical Director	Special Invitee
4	Chief Librarian	Special Invitee
5	Placement Officer	Special Invitee
6	AAA Coordinator	Special Invitee
7	Professor, BME (Dr.J.Sofia Bobby)	Special Invitee
8	Associate Professor (Dr.M.S.Jeyalakshmi)	Special Invitee

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

S.No.	NAME	DESIGNATION	POSITION
1	Dr.V.R.Giridev	Professor, Department of Textile Technology, Anna University	Expert Member - Anna University Nominee
2	Dr.K.Ananthanarayanan	Professor, IIT Madras	Expert Member
3	Mr.Ranjith Rajeswaran	Principal & Chief Audiologist MERF Institute of Speech & Hearing Pvt. Ltd.,	Expert Member

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

The Chairman briefed the members about the following significant achievements of the Institution during the academic year 2023 – 24.

1. Successful completion of the Academic Year 2023-24.
2. Department of Electronics and Communication Engineering & Electrical and Electronics Engineering obtained research centre status from Anna University.


Dr.P.Jayashree
 (AU Nominee)
Dr. P. JAYASHREE
 Professor and Head
 Department of Computer Technology
 Madras Institute of Technology
 Anna University, Chromepet,
 Chennai - 600 044, Tamil Nadu


Dr.K.Murugan
 (AU Nominee)


Dr.S.Rajkumar
 (Expert Member)
Dr. S. RAJKUMAR
 President
 RANE ENGINE VALVE LTD.
 ESPEE IT Park, 2nd Floor,
 Jawaharal Nehru Road, Ekkattuthangal,
 Guindy, Chennai - 600 032.


Mr.E.Karunanidhi
 (Expert Member)

The Department of Chemistry renewed its research centre status successfully.

3. NBA inspection for the Departments of ECE, IT & MBA, was held during July 12, 13 & 14.

4. Activities of Industry Innovation Council:

- JCEBIC Registered under section 8 of the Companies Act, 2013 was established on 28.2.2024.
- Framing syllabus for industry connect curriculum
- Organizing Institutional MoU
- Support internship
- Coordinating Hackathon announced by MSME, AICTE, industry etc.
- Supporting students to develop projects using Tinkering/fabrication lab.

5. College Library is equipped with over 109 national periodicals and e-resources like IEEE, Delnet and J-gate for management.

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

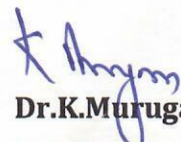
SECTION 1: ITEMS FOR CONFIRMATION

Item No. 9.1.1

To confirm the minutes of the Seventh & Eighth Academic Council meeting held on 18.01.2024 & 15.03.2024.

The minutes of the Seventh & Eighth Academic Council meeting held on 18.01.2024 & 15.03.2024 was presented by the Chairman. The same was confirmed by the council and is presented in **Annexure - I**


Dr. P. JAYASHREE
Professor and Head
Department of Computer Technology
Madras Institute of Technology
Anna University, Chromepet,
Chennai - 600 044, Tamil Nadu
Dr.P.Jayashree
(AU Nominee)


Dr.K.Murugan
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Dr.S.Rajkumar
(Expert Member)


Mr.E.Karunanidhi
(Expert Member)

Item No. 9.1.2

To review the action taken on the decisions of the Seventh and Eighth Academic Council meeting held on 18.01.2024 & 15.03.2024

The Chairman presented the action taken report based on the suggestions given during the Seventh and Eighth Academic Council meeting held on 18.01.2024 & 15.03.2024.

Item. No.	Suggestions made by AC members	Action taken
7.2.1	In framing the curriculum for MBA(HA) programme, the following suggestions were given: • Merge few subjects and include basic management subjects. • Add some practical courses in each semester.	• The revised curriculum focusses more on general management courses in the first and second semester. • Three practical courses are added in the first three semesters
8.1.1	The total credits in the revised curriculum should be 102.	• The curriculum has been revised. • Approval from Anna University is obtained for implementation from the academic year 2024-25.

The item was approved by the council.

SECTION 2: ITEMS FOR RATIFICATION AND APPROVAL

Item No. 9.2.1

To Consider and approve the following

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

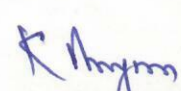
The Head of the Department of Bio-medical Engineering brought the following to the notice of the council and sought approval of the decision of the Board of Studies in its meeting held on 14.05.2024.


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(Expert Member)


Dr.K.Murugan
(AU Nominee)


Mr.E.Karunanidhi
(Expert Member)

Syllabi of second year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for B.E. BME Programme

- i. Recommended panel of internal & external examiners
- ii. Methodologies for innovative teaching and evaluation techniques
- iii. Department achievements during the academic year 2023-24 for the information of the council.

The following suggestion was given by an expert member:

Dr.S.Gowri suggested that the open elective course on "Basics of Neural Networks" can be offered in the earlier semesters.

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

Item No. 9.2.2

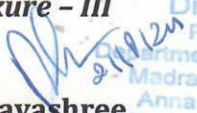
To Consider and approve the following items:

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

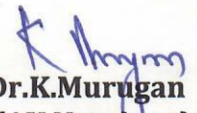
The Head of the Department of Computer Science and Engineering brought the following to the notice of the council and sought approval of the decision of the Board of Studies in its meeting held on 05.06.2024.

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


Dr.P.Jayashree
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Dr.K.Murugan
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(Expert Member)

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Guindy, Chennai - 600 032.


Mr.E.Karunanidhi
(Expert Member)

Item No. 9.2.3

To Consider and approve the following items:

- a. Syllabi of third year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme**
- b. Syllabi of second 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**

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 05.06.2024.

- i. Syllabi of third year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (AI&ML) programme
- ii. Syllabi of second 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
- vi. Methodologies for innovative teaching and evaluation techniques
- vii. Department achievements during the academic year 2023-24 for the information of the council.

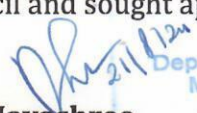
The council considered and approved the decision of the BoS. The details are presented in ***Annexure - IV***

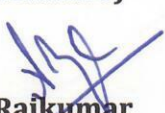
Item No. 9.2.4

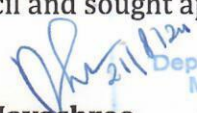
To Consider and approve the following items:

- a. Syllabi of third year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (Cyber Security) programme**
- b. Syllabi of second 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**

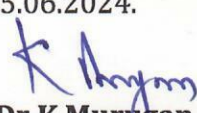
The Head of the Department of Cyber Security brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 05.06.2024.

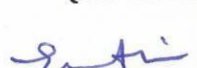

Dr.P.Jayashree
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Dr.S.Rajkumar
(Expert Member)


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Dr.K.Murugan
(AU Nominee)


Mr.E.Karunanidhi
(Expert Member)

- i. Syllabi of third year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.E. - CSE (Cyber Security) programme
- ii. Syllabi of second 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
- 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. 9.2.5

To Consider and approve the following items:

- a. Syllabi of second 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 14.05.2024.

- i. Syllabi of second 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 2023-24 for the information of the council.

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


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Dr.S.Rajkumar
 (Expert Member)


Dr.K.Murugan
 (AU Nominee)


Mr.E.Karunanidhi
 (Expert Member)

Item No. 9.2.6

To Consider and approve the following items:

- a. Syllabi of second 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**

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 28.05.2024.

- i. Syllabi of second 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 2023-24 for the information of the council.

The council considered and approved the decision of the BoS. The details are presented in

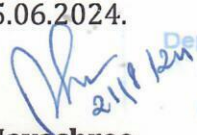
Annexure – VII

Item No. 9.2.7

To Consider and approve the following items:

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

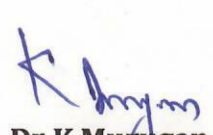
The Head of the Department of Information Technology brought the following to the notice of the council and sought approval of the decision of the BoS in its meeting held on 05.06.2024.


Dr.P.Jayashree
(AU Nominee)


Dr.S.Rajkumar
(Expert Member)

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Dr.K.Murugan
(AU Nominee)


Mr.E.Karunanidhi
(Expert Member)

Syllabi of third year courses (Core, PEs & OEs) under R2021 of Jerusalem College of Engineering for B.Tech. - AI&DS programme

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

Item No. 9.2.8

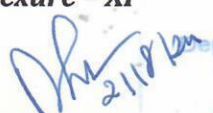
To Consider and approve the following items:

- a. Syllabi of second year courses under (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for MBA
- b. Curriculum (1-4) & syllabi of first year courses under R2023 of JCE for MBA (HA) programme
- c. Revised panel of internal and external examiners
- d. 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 Board of Studies in its meeting held on 14.03.24 & 27.05.24.

- i. Syllabi of second year courses (Core, PEs & OEs) under R2023 of Jerusalem College of Engineering for MBA programme
- ii. Curriculum (1-4) & syllabi of first year courses under R2023 of JCE for MBA (HA) programme
- iii. Recommended panel of internal & external examiners
- iv. Methodologies for innovative teaching and evaluation techniques
- v. Department achievements during the academic year 2023-24 for the information of the council.

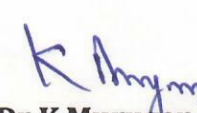
The council considered and approved the decision of the BoS. The details are presented in **Annexure - XI**


Dr.P.Jayashree
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Dr.K.Murugan
(AU Nominee)


Mr.E.Karunanidhi
(Expert Member)

Item No.9.2.9

To Consider and approve the following:

- i. **Syllabi of English and Mathematics courses offered by the Department of Science and Humanities under R2023 of Jerusalem College of Engineering for Engineering students.**

The Head of the Department of Science and Humanities presented the syllabi of English and Mathematics courses offered under R2023 of Jerusalem College of Engineering and sought ratification of the decision of the Board of Studies in its meeting held on 24.06.2024.

The council considered and approved the decision of the Board of Studies. The details are presented in ***Annexure - X***

SECTION 3: OTHER ITEMS FOR INFORMATION

Item 9.3.1

RESULT ANALYSIS (UG AND PG PROGRAMMES) FOR THE ACADEMIC YEAR 2023-24

CoE briefed the members about the results achieved in the Nov/Dec 2023, Jan/Feb 2024 and April/May/June 2024 examinations for information of the council.

The details are presented in ***Annexure - XI***

Item 9.3.2

RESEARCH ACTIVITIES

Dean (Research) briefed the members about the research activities during the period Aug 2023 – July 2024 for information of the council. The details are presented in ***Annexure - XII***

Item 9.3.3

INCUBATOR ACTIVITIES

Dean (Industry Relations & TBI) briefed the members about the MSME and EDII – Tamil Nadu funded projects during the period Aug 2023 – July 2024 for information of the council. The details are presented in ***Annexure - XIII***.


Dr.P.Jayashree
(AU Nominee)


Dr.S.Rajkumar
(Expert Member)

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Mr.E.Karunanidhi
(Expert Member)

Item 9.3.4

PLACEMENT REPORT

The Placement Officer briefed the members about the placement details during the period Aug 2023 – July 2024 for information of the council. The details are presented in **Annexure - XIV**.

Item 9.3.5

IQAC REPORT

Dean (IQAC) briefed the members about the activities conducted during the period Aug 2023 – July 2024 for information of the council. The details are presented in **Annexure - XV**.

Item 9.3.6

STUDENT ACTIVITIES

Dean (Student Affairs) briefed the members about the various student activities conducted during the period Aug 2023 – July 2024 for information of the council. The details are presented in **Annexure - XVI**.

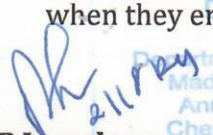
Item 9.3.7

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 - XVII**.

General Suggestions given by experts:

1. Mr.E.Karunanidhi suggested that some courses in the curriculum may be designed by Industry experts specifically in the domains of ECE, EEE and IT.
2. Dr.S.Rajkumar appreciated the efforts taken by the faculty in grooming students in all aspects but expressed concern over placements. He suggested to work towards bridging gaps such as communication skills, more exposure to industry etc in order to make students industry ready.
3. Dr.P.Jayashree shared that students belonging to CSE related courses may be exposed to more coding platforms to get more practice so that they gain the required confidence when they enter their workspace.


Dr.P.Jayashree
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(Expert Member)

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Dr.K.Murugan
(AU Nominee)


Mr.E.Karunanidhi
(Expert Member)

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 2024 – 25.


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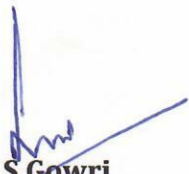
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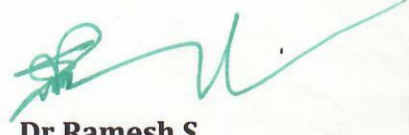

Dr.S.Rajkumar
(Expert Member)

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Mr.E.Karunanidhi
(Expert Member)


Dr.S.Gowri
(Member)


Dr.P.Anuradha
(Member Secretary)


Dr.Ramesh S
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