













PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution)

**MINUTES OF THE FIRST MEETING OF THE ACADEMIC COUNCIL HELD ON
03rd September, 2021 (Friday) at 9.30 A.M**

The first meeting of the Academic Council was held at 09.30 AM on 03.09.2021 (Friday) at Conference Hall, Administrative Block of Panimalar Engineering College under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	
Dr. S. Lakshmi	University Nominee	
Dr. P. Anandhakumar	University Nominee	
Dr. R. P. Kumidhini Devi	University Nominee	 3/9/2021
Mr. M.A.Narendran	Industry Expert	
Mr. P. Thirunavukkarasu	Industry Expert	
Mr. J. Rajesh	Industry Expert	
Mr. M S. Soundrarajan	Judicial expert	
Dr. C. Ilamparuthi	Academic Expert- Medical	
Dr. V. Mahalakshmi	Dean – MBA	
Dr. R. Manmohan	Dean – S&H	
Dr. S. Murugavalli	Professor & Head - CSE	
Dr. P. Kannan	Professor & Head – ECE	
Dr. S. Selvi	Professor & Head –EEE	
Dr. L. Karthikeyan	Professor & Head – Mech	
Dr. M. Mageswari	Professor & Head – Civil	

Dr. M. Helda Mercy	Professor & Head – IT
Dr. S. Malathi	Professor & Head – AIDS
Dr. C. Esakkiappan	Professor & Head - EIE
Dr. B. Anni Princy	Professor & Head – CCE
Dr. D. Anuradha	Professor & Head – CSBS
Prof. N. Viswanathan	Placement Officer
Dr. G. Rathinasabapathi	Controller of Examination
Dr. L. Jabasheela	Professor
Dr. R. Manikandan	Professor
Dr. D. Selvaraj	Professor
Dr. T. Mayavan	Associate Professor
Dr. D. Silas Stephen	Member Secretary

M. Helda Mercy
S. Malathi
C. Esakkiappan
B. Anni Princy
D. Anuradha
N. Viswanathan
G. Rathinasabapathi
L. Jabasheela
R. Manikandan
D. Selvaraj
T. Mayavan
D. Silas Stephen

I. The First meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 03.09.2021, started with the welcome address by the Chairman of the Academic Council, welcoming the members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

II. BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

i. REGULATION

a. **TO CONSIDER** and approve the Regulation-2021 for B.E / B.Tech Degree programmes to be followed from the academic year 2021-22.

RESOLVED TO approve the Regulation-2021 for B.E / B.Tech Degree programmes to be followed from the Academic Year 2021-22 with the modification as per Annexure-I.

b. **TO CONSIDER** and approve the rules and regulations -2021 for M.E / M.B.A Degree programmes to be followed from the academic year 2021-22.

RESOLVED TO approve the Rules and Regulations – 2021 for M.E / M.B.A Degree programmes to be followed from the Academic Year 2021-22 with the modification as per Annexure-I.

K. Mani
Dr. K. MANI, M.E., MIE., MISTE., Ph.D.
Principal
PANIMALAR ENGINEERING COLLEGE
Bangalore Trunk Road, Varadharajapuram,
Nasarathpettai, Poonamallee,
CHENNAI-600 123.

ii. **FACULTY OF HUMANITIES AND SCIENCE**

- a. **TO CONSIDER** and approve the Curriculum and Syllabi of First Year B.E/ B.Tech Degree programme.

RESOLVED TO approve the curriculum & Syllabi of First Year B.E. / B.Tech Programme.

iii. **FACULTY OF COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY**

- a. **TO CONSIDER** and approve the Curriculum of B.E Computer Science and Engineering programme.

RESOLVED TO approve the curriculum of B.E. Computer Science and Engineering Programme

- b. **TO CONSIDER** and approve the Curriculum of B.Tech Information Technology programme.

RESOLVED TO approve the curriculum of B.Tech. Information Technology Programme

- c. **TO CONSIDER** and approve the Curriculum of B.Tech Artificial Intelligence and Data Science programme.

RESOLVED TO approve the curriculum of B.Tech. Artificial Intelligence and Data Science Programme

- d. **TO CONSIDER** and approve the Curriculum of B.Tech Computer Science and Business Systems programme.

RESOLVED TO approve the curriculum of B.Tech. Computer Science and Business Systems Programme

- e. **TO CONSIDER** and approve the Curriculum of B.E Computer and Communication Engineering programme.

RESOLVED TO approve the curriculum of B.E Computer and Communication Engineering programme.

- f. **TO CONSIDER** and approve the Curriculum and Syllabus of M.E Computer Science and Engineering programme.

RESOLVED TO approve the curriculum of M.E Computer Science and Engineering Programme.

iv. **FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING**


Dr. K. MANI, M.E., MIE., MISTE., Ph.D.
Principal
PANIMALAR ENGINEERING COLLEGE
Bangalore Trunk Road, Varadharajapuram,
Nasarathpettai Poonamallee,
CHENNAI-600 123.

a. **TO CONSIDER** and approve the Curriculum of B.E Electronics and Communication Engineering programme.

RESOLVED TO approve the curriculum of B.E Electronics and Communication Engineering Programme.

b. **TO CONSIDER** and approve the Curriculum of M.E Communication Systems programme.

RESOLVED TO approve the curriculum of M.E Communication Systems Programme.

v. **FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING**

a. **TO CONSIDER** and approve the Curriculum of B.E Electrical and Engineering programme.

RESOLVED TO approve the curriculum of B.E. Electrical and Electronics Engineering Programme.

vi. **FACULTY OF MECHANICAL ENGINEERING**

a. **TO CONSIDER** and approve the Curriculum of B.E Mechanical Engineering programme.

RESOLVED TO approve the curriculum of B.E. Mechanical Engineering Programme.

vii. **FACULTY OF CIVIL ENGINEERING**

a. **TO CONSIDER** and approve the Curriculum of B.E Civil Engineering programme.

RESOLVED TO approve the curriculum of B.E. Civil Engineering Programme.

viii. **FACULTY OF MASTER OF BUSINESS ADMINISTRATION**

a. **TO CONSIDER** and approve the Curriculum and syllabi of First year MBA programme.

RESOLVED TO approve the Curriculum and syllabi of First year MBA programme.




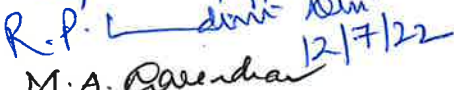












Dr. K. MANI, M.E., MIE., MISTE., Ph.D
Principal
PANIMALAR ENGINEERING COLLEGE
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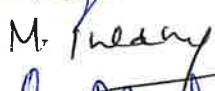





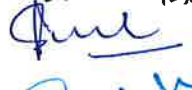




PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution)

**MINUTES OF THE SECOND MEETING OF THE ACADEMIC COUNCIL HELD
ON 12th July, 2022 (Tuesday) at 10.00 A.M**

The second meeting of the Academic Council was held at 10.00 AM on 12.07.2021 (Tuesday) at Conference Hall, Administrative Block of Panimalar Engineering College under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	 K. Mani 12/7/22
Dr. S. Lakshmi	University Nominee	 S. Lakshmi
Dr. R. P. Anandhakumar	University Nominee	 R.P. Anandhakumar 12/7/22
Dr. R. P. Kumidhini Devi	University Nominee	 R.P. Kumidhini Devi 12/7/22
Mr. M.A.Narendran	Industry Expert	 M.A. Narendran
Mr. P. Thirunavukkarasu	Industry Expert	 P. Thirunavukkarasu
Mr. M S. Soundrarajan	Judicial expert	 M. S. Soundrarajan
Dr. C. Ilamparuthi	Academic Expert- Medical	 Dr. C. Ilamparuthi
Mr. J. Rajesh	Industry Expert	 Mr. J. Rajesh
Mr.M.S.Balamurugan	Chief Talent Officer / Special Invitee	 Mr. M.S. Balamurugan
Prof. N. Viswanathan	Head, Training & Placements Special Invitee	 Prof. N. Viswanathan
Dr. V. Mahalakshmi	Dean – MBA	 v. Mahalakshmi 12/7/22
Dr. R. Manmohan	Dean – S&H	 Dr. R. Manmohan
Dr. S. Murugavalli	Professor & Head - CSE	 Dr. S. Murugavalli
Dr. P. Kannan	Professor & Head – ECE	 Dr. P. Kannan
Dr. S. Selvi	Professor & Head –EEE	 Dr. S. Selvi

Dr. L. Karthikeyan	Professor & Head – Mech	
Dr. M. Mageswari	Professor & Head – Civil	
Dr. M. Helda Mercy	Professor & Head – IT	
Dr. S. Malathi	Professor & Head – AIDS	
Dr. C. Esakkiappan	Professor & Head - EIE	
Dr. B. Anni Princy	Professor & Head – CCE	
Dr. D. Anuradha	Professor & Head – CSBS	
Dr. G. Rathinasabapathi	Controller of Examinations	
Dr. L. Jabasheela	Professor	
Dr. R. Manikandan	Professor	
Dr. D. Selvaraj	Professor	
Dr. T. Mayavan	Associate Professor	
Dr. D. Silas Stephen	Member Secretary	

I. The Second meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 12.07.2022, started with the welcome address by the Chairman of the Academic Council, welcoming the members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

II. BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

i. REGULATION

a. **TO CONSIDER** and approve the modification in Regulation-2021 for B.E / B.Tech Degree programmes to be followed from the academic year 2022-23.

RESOLVED TO approve the modification of Regulation-2021 for B.E / B.Tech Degree programmes to be followed from the Academic Year 2022-23 as per Annexure-I.

b. **TO CONSIDER** and approve the modification in Regulation-2021 for M.E / MBA Degree programmes to be followed from the academic year 2022-23.

RESOLVED TO approve the modification of Regulation–2021 for M.E / MBA Degree programmes to be followed from the Academic Year 2022-23 as per Annexure-I.

ii. FACULTY OF HUMANITIES AND SCIENCE

a. TO CONSIDER and approve the syllabus of the courses offered by the Faculty of Humanities and Science in the III and IV Semester and the mandatory courses.

RESOLVED TO approve the syllabus of the courses offered by the Faculty of Humanities and Science in the III and IV Semester and the mandatory courses.

iii. FACULTY OF COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY

a. TO CONSIDER and approve the Curriculum of B.E Computer Science and Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E. Computer Science and Engineering Programme and the syllabus of the courses offered in Semester III and IV.

b. TO CONSIDER and approve the Curriculum of B.Tech Information Technology programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.Tech. Information Technology Programme and the syllabus of the courses offered in Semester III and IV.

c. TO CONSIDER and approve the Curriculum of B.Tech Artificial Intelligence and Data Science programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.Tech. Artificial Intelligence and Data Science Programme and the syllabus of the courses offered in Semester III and IV.

d. TO CONSIDER and approve the Curriculum of B.Tech Computer Science and Business Systems programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.Tech. Computer Science and Business Systems Programme and the syllabus of the courses offered in Semester III and IV.

- e. **TO CONSIDER** and approve the Curriculum of B.E Computer and Communication Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E Computer and Communication Engineering programme and the syllabus of the courses offered in Semester III and IV.

iv. **FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING**

- a. **TO CONSIDER** and approve the Curriculum of B.E Electronics and Communication Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E Electronics and Communication Engineering Programme and the syllabus of the courses offered in Semester III and IV.

- b. **TO CONSIDER** and approve the Curriculum of M.E Communication Systems programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of M.E Communication Systems Programme and the syllabus of the courses offered in Semester III and IV.

v. **FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING**

- a. **TO CONSIDER** and approve the Curriculum of B.E Electrical and Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E. Electrical and Electronics Engineering Programme and the syllabus of the courses offered in Semester III and IV.

vi. **FACULTY OF MECHANICAL ENGINEERING**

- a. **TO CONSIDER** and approve the Curriculum of B.E Mechanical Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E. Mechanical Engineering Programme and the syllabus of the courses offered in Semester III and IV.

vii. FACULTY OF CIVIL ENGINEERING

a. TO CONSIDER and approve the Curriculum of B.E Civil Engineering programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the curriculum of B.E. Civil Engineering Programme and the syllabus of the courses offered in Semester III and IV.

viii. FACULTY OF MASTER OF BUSINESS ADMINISTRATION

a. TO CONSIDER and approve the Curriculum and syllabi of First year MBA programme and the syllabus of the courses offered in Semester III and IV.

RESOLVED TO approve the Curriculum and syllabi of First year MBA programme and the syllabus of the courses offered in Semester III and IV..

ix. OFFICE OF THE CONTROLLER OF EXAMINATIONS

a. TO CONSIDER and approve the conduction of practical examination of the student who have withdrawn the course CE8711 –Creative and Innovative project during the November / December 2021 Examination in April/ May 2022.


















RESOLVED TO approve the conduction of practical examination CE8711 – Creative and Innovative Project in April/ May 2022, as the student has represented Anna University in All India University Nationals.

PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution)

MINUTES OF THE THIRD MEETING OF THE ACADEMIC COUNCIL HELD ON
07th June, 2023 (Wednesday) at 09.00 A.M

The Third meeting of the Academic Council was held at 09.00 AM on 07.06.2023 (Wednesday) at Conference Hall, Administrative Block of Panimalar Engineering College under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	 07/6/23
Dr. S. Lakshmi	University Nominee	
Dr. P. Anandhakumar	University Nominee	 7/6/23
Dr. R. P. Kumidhini Devi	University Nominee	 7/6/23
Mr. P. Thirunavukkarasu	Industry Expert	
Mr. M.A.Narendran	Industry Expert	
Mr. M S. Soundrarajan	Judicial expert	
Dr. C. Ilamparuthi	Academic Expert- Medical	 7/6/23
Mr. J. Rajesh	Industry Expert	
Mr.M.S.Balamurugan	Chief Talent Officer / Special Invitee	
Prof. N. Viswanathan	Head, Training & Placements / Special Invitee	
Dr. V. Mahalakshmi	Dean – MBA	
Dr. R. Manmohan	Dean – S&H	
Dr. L. Jabasheela	Professor & Head - CSE	
Dr. S. Rajakumar	Professor & Head -- ECE	
Dr. S. Selvi	Professor & Head --EEE	
Dr. L. Karthikeyan	Professor & Head – Mech	 7/6/23

Dr. M. Mageswari	Professor & Head – Civil	<i>Mageswari</i>
Dr. M. Helda Mercy	Professor & Head – IT	<i>M. Helda Mercy</i>
Dr. S. Malathi	Professor & Head – AI&DS	<i>S. Malathi</i>
Dr. C. Esakkiappan	Professor & Head - EIE	<i>C. Esakkiappan</i>
Dr. B. Anni Princy	Professor & Head – AIML	<i>B. Anni Princy</i> 7/6/23
Dr. D. Anuradha	Professor & Head – CSBS	<i>D. Anuradha</i> 7/6/23
Dr. G. Rathinasabapathi	Controller of Examinations	<i>G. Rathinasabapathi</i> 5/6/2023
Dr. R. Manikandan	Professor	<i>R. Manikandan</i> 7/6/23
Dr. D. Selvaraj	Professor	<i>D. Selvaraj</i> 07/06/2023
Dr. T. Mayavan	Professor	<i>T. Mayavan</i> 7.6.23
Dr. D. Silas Stephen	Member Secretary	<i>D. Silas Stephen</i> 7.6.23

I. The Third meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 07.06.2023, started with the welcome address by the Chairman of the Academic Council, welcoming the members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

II. BUSINESS BROUGHT TO THE ACADEMIC COUNCIL

i. Award of Degree

a. **TO CONSIDER** and approve the implementation of the following in Regulation-2021 for B.E / B.Tech Degree programmes:

- i. B.E /B.Tech. Honours (Specialization in the same Discipline)
- ii. B.E /B.Tech Honours
- iii. B.E /B.Tech (Minor in other specialization)

RESOLVED TO approve the implementation of B.E /B.Tech. Honours (Specialization in the same Discipline), B.E /B.Tech Honours, B.E /B.Tech (Minor in other specialization) for B.E / B.Tech Degree programmes to be followed from the Academic Year 2023-24 as per Annexure-I.

ii. **FACULTY OF HUMANITIES AND SCIENCE**

- a. **TO CONSIDER** and approve the syllabus and Question pattern of the Tamil courses offered by the Faculty of Humanities and Science in the I and II Semester. The principal / Chairman presented the details of the courses and Question Pattern of the Course as in Table II.1 and Table II.2 respectively.

Table II.1

Course Code	Name of the Course	Semester	Credit
21TA1101	தமிழர் மரபு / Heritage of Tamils	01	1
21TA1201	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	02	1

Table II.2

Section	No. of Question	Mark of Each Question	Type	Total Marks
Part A	10	2	Compulsory	20
Part B	5	16	Either / or	80

RESOLVED TO approve the syllabus and Question Pattern of the Tamil courses offered by the Faculty of Humanities and Science in the I and II Semester.

iii. **FACULTY OF COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY**

- a. **TO CONSIDER** and approve the Verticals and it's syllabus of B.E Computer Science and Engineering programme for Regulation 2021 and the Open Electives and Value Added Courses of Faculty of Computer Science and Information Technology.

Dr. L. Jabasheela, Board Chairman, Faculty of Computer Science and Information Technology Professor and Head of Computer Science and Engineering presented the Verticals, Open Electives and the Value Added Courses.

- b. **RESOLVED TO** approve the Verticals and it's syllabus of B.E Computer Science and Engineering programme for Regulation 2021 (as in Annexure II), Open Electives (as in Annexure III) and Value Added Courses (as in Annexure IV) of Faculty of Computer Science and Information Technology.

- c. **TO CONSIDER** and approve the Verticals and its syllabus of B.Tech Information Technology programme for Regulation 2021.

Dr. M. Helda Mercy, Professor and Head of Information Technology presented the Verticals.

RESOLVED TO approve the Verticals and its syllabus of B.Tech. Information Technology Programme for Regulation 2021 as in Annexure II.

- d. **TO CONSIDER** and approve the Verticals and its syllabus of B.Tech Artificial Intelligence and Data Science programme for Regulation 2021.

Dr. S. Malathi, Professor and Head of Artificial Intelligence and Data Science presented the Verticals.

RESOLVED TO approve the Verticals of B.Tech. Artificial Intelligence and Data Science Programme for Regulation 2021 as in Annexure II.

- e. **TO CONSIDER** and approve the Verticals and its syllabus and Value Added Courses of B.Tech Computer Science and Business Systems programme for Regulation 2021.

Dr. D. Anuradha, Professor and Head of Computer Science and Business Systems presented the Verticals.

RESOLVED TO approve the Verticals and its syllabus of B.Tech. Computer Science and Business Systems Programme of Regulation 2021 as in Annexure II.

- f. **TO CONSIDER** and approve the Verticals and its syllabus of B.E. Computer and Communication Engineering programme for Regulation 2021.

The verticals were presented.

RESOLVED TO approve the Verticals and its syllabus of B.E. Computer and Communication Engineering Programme for Regulation 2021 as in Annexure II.

- g. **TO CONSIDER** and approve the Curriculum and Syllabus of B.Tech. Artificial Intelligence and Machine Learning for Regulation 2021.

Dr. B. Anni Princy, Professor and Head of Artificial Intelligence and Machine Learning presented the curriculum and syllabus of B.Tech. Artificial Intelligence and Machine Learning for Regulation 2021.

RESOLVED TO approve the Curriculum and Syllabus of B.Tech. Artificial Intelligence and Machine Learning for Regulation 2021 as in Annexure V

iv. **FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING**

- a. **TO CONSIDER** and approve the Verticals and it's syllabus, Open Electives and Value Added Courses of B.E. Electronics and Communication Engineering programme for Regulation 2021.

Dr. S. Rajakumar, Professor and Head of Electronics and Communication Engineering presented the Verticals, Open Electives and Value Added Courses.

RESOLVED TO approve the Verticals and it's syllabus (as in Annexure II), Open Electives (as in Annexure III) and Value Added Courses (as in Annexure IV) of B.E. Electronics and Communication Engineering Programme for Regulation 2021.

v. **FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING**

- a. **TO CONSIDER** and approve the Verticals and it's syllabus, Open Electives and Value Added Courses of B.E. Electrical and Electronics Engineering programme for Regulation 2021.

Dr. S. Selvi, Professor and Head of Electrical and Electronics Engineering presented the Verticals, Open Electives and Value Added Courses.

RESOLVED TO approve the Verticals and it's syllabus (as in Annexure II), Open Electives (as in Annexure III) and Value Added Courses (as in Annexure IV) of B.E. Electrical and Electronics Engineering Programme for Regulation 2021.

vi. **FACULTY OF MECHANICAL ENGINEERING**

- a. **TO CONSIDER** and approve the Verticals and it's syllabus, Open Electives and Value Added Courses of B.E. Mechanical Engineering programme for Regulation 2021.

Dr. L. Karthikeyan, Professor and Head of Mechanical Engineering presented the Verticals, Open Electives and Value Added Courses.

RESOLVED TO approve the Verticals and it's syllabus (as in Annexure II), Open Electives (as in Annexure III) and Value Added Courses (as in Annexure IV) of B.E Mechanical Engineering for Regulation 2021.

vii. **FACULTY OF CIVIL ENGINEERING**

- a. **TO CONSIDER** and approve the Verticals and it's syllabus and Open Electives of B.E. Civil Engineering programme for Regulation 2021.

Dr. M. Mageswari, Professor and Head of Civil Engineering presented the Verticals and Open Electives.

RESOLVED TO approve the Verticals and it's syllabus (as in Annexure II) and Open Electives (as in Annexure III) of B.E. Civil Engineering Programme for Regulation 2021 as in Annexure II.

viii. **FACULTY OF MASTER OF BUSINESS ADMINISTRATION**

- a. **TO CONSIDER** and approve the syllabus of functional electives of various streams/ specialization.

Dr. V. Mahalakshmi, Dean of Master of Business administration presented the list of functional electives of various streams / specialization.


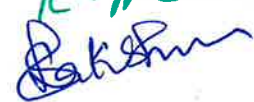














RESOLVED TO approve the functional electives of MBA programme as in Annexure VI.













PANIMALAR ENGINEERING COLLEGE
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**MINUTES OF THE FOURTH MEETING OF THE ACADEMIC COUNCIL HELD
ON 14th August, 2023 (Monday) at 09.00 A.M**

The Third meeting of the Academic Council was held at 10.00 AM on 14.08.2023 (Monday) through online mode under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	
Dr. S. Lakshmi	University Nominee	
Dr. P. Anandhakumar	University Nominee	
Dr. R. P. Kumidhini Devi	University Nominee	
Dr. Lavanam Amballa	Industry Expert	
Mr. P. Thirunavukkarasu	Industry Expert	
Mr. J. Rajesh	Industry Expert	
Dr. C. Ilamparuthi	Academic Expert- Medical	
Mr. M S. Soundrarajan	Judicial expert	
Mr.M.S.Balamurugan	Chief Talent Officer / Special Invitee	
Prof. N. Viswanathan	Head, Training & Placements Special Invitee	
Dr. Paul Theophilus Rajakumar	Dean – Industry Collabrations Special Invitee	
Dr. R. Manmohan	Dean – S&H	
Dr. L. Jabasheela	Professor & Head - CSE	
Dr. S. Rajakumar	Professor & Head – ECE	
Dr. S. Selvi	Professor & Head –EEE	
Dr. L. Karthikeyan	Professor & Head – Mech	

Dr. M. Mageswari	Professor & Head – Civil	
Dr. M. Helda Mercy	Professor & Head – IT	
Dr. S. Malathi	Professor & Head – AI&DS	
Dr. C. Esakkiappan	Professor & Head - EIE	
Dr. B. Anni Princy	Professor & Head – AIML	
Dr. D. Anuradha	Professor & Head – CSBS	
Dr. N. Venkateswaran	Dean - MBA	
Dr. G. Rathinasabapathi	Controller of Examinations	
Dr. R. Manikandan	Professor	
Dr. D. Selvaraj	Professor	
Dr. T. Mayavan	Professor	
Dr. D. Silas Stephen	Member Secretary	

- I. The Fourth meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 14.08.2023, started with the welcome address by the Chairman of the Academic Council, welcoming members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting. The new member of the Academic Council Dr. Lavanam Amballa was introduced.

BUSINESS BROUGHT TO THE ACADEMIC COUNCIL

II. AMENDMENT IN REGUALTION 2021

1. **TO CONSIDER** and approve the modification in Clause 12.8 (UG Programme) and Clause 12.7 (PG Programme) of Regulation-2021.

The existing clause is “Students may be permitted to credit online courses from **SWAYAM platform** with the approval of Department Advisory Committee and the Head of the Department to a maximum of three credits. Any one course of 3 credits can be considered instead of one elective course. In case of credits earned through online mode from any institution approved by appropriate authorities of the college, the credits may be transferred after due approval of the Head of the Institution. The Head of the

Dr. K. MANI, M.E., MIE., MISTE., Ph.D.
Principal

PANIMALAR ENGINEERING COLLEGE
Bangalore Trunk Road, Varadharajapuram,
Nagarathpettai, Panimalar

Department may identify a faculty member as coordinator for the course, who is responsible for the evaluation process. The credits earned through online mode may be transferred and grades shall be assigned by a committee consisting of the Head of the Department and a senior faculty member.”

RESOLVED TO approve Clause 12.8 (UG Programme) and Clause 12.7 (PG Programme) of Regulation 2021 as “*Students may be permitted to credit online courses from SWAYAM platform/ MOOC Courses with Proctored Examinations with the approval of Department Advisory Committee and the Head of the Department to a maximum of three credits. Any one course of 3 credits can be considered instead of one elective course. In case of credits earned through online mode from any institution approved by appropriate authorities of the college, the credits may be transferred after due approval of the Head of the Institution. The Head of the Department may identify a faculty member as coordinator for the course, who is responsible for the evaluation process. The credits earned through online mode may be transferred and grades shall be assigned by a committee consisting of the Head of the Department and a senior faculty member.”*

III. REGULATION 2023

1. **TO CONSIDER** and approve the Regulation-2023 for B.E / B.Tech Degree programmes to be followed from the academic year 2023-24.

RESOLVED TO approve the Regulation-2023 for B.E / B.Tech Degree programmes to be followed from the Academic Year 2023-24 with the modification as per Annexure-I.

2. **TO CONSIDER** and approve the rules and regulations -2023 for M.E / M.B.A Degree programmes to be followed from the academic year 2023-24.

RESOLVED TO approve the Rules and Regulations – 2023 for M.E / M.B.A Degree programmes to be followed from the Academic Year 2023-24 with the modification as per Annexure-II.

IV. FACULTY OF COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY

1. **TO CONSIDER** and approve the Curriculum of First Year B.E Computer Science and Engineering programme of Regulation 2023 and the Syllabus of the courses offered by the Department of Computer Science and Engineering for the First Year B.E./B/Tech.


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CHENNAI-500 123.

RESOLVED TO approve the curriculum and Syllabus of First Year B.E. Computer Science and Engineering Programme and the Syllabus of the courses offered by the Department of Computer Science and Engineering for the First Year B.E./B.Tech as in Annexure III.

2. **TO CONSIDER** and approve the Curriculum of First Year B.Tech - Information Technology of Regulation 2023 and the Syllabus of the courses offered by the Department of Information Technology for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.Tech - Information Technology Programme and the Syllabus of the courses offered by the Department of Information Technology for the First Year B.E./B.Tech as in Annexure IV.

3. **TO CONSIDER** and approve the Curriculum of First Year B.Tech- Artificial Intelligence and Data Science of Regulation 2023 and the Syllabus of the courses offered by the Department of Artificial Intelligence and Data Science for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.Tech- Artificial Intelligence and Data Science Programme and the Syllabus of the courses offered by the Department of Artificial Intelligence and Data Science for the First Year B.E./B.Tech as in Annexure V.

4. **TO CONSIDER** and approve the Curriculum of First Year B.Tech- Computer Science and Business Systems of Regulation 2023 and the Syllabus of the courses offered by the Department of Computer Science and Business Systems for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.Tech- Artificial intelligence and Data Science Programme and the Syllabus of the courses offered by the Department of Computer Science and Business Systems for the First Year B.E./B.Tech as in Annexure VI.

5. **TO CONSIDER** and approve the Curriculum of First Year B.Tech- Artificial Intelligence and Machine Learning of Regulation 2023 and the Syllabus of the courses offered by the Department of Artificial Intelligence and Machine Learning for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.Tech- Artificial Intelligence and Machine Learning Programme and the Syllabus of the


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courses offered by the Department of Artificial Intelligence and Machine Learning for the First Year B.E/B.Tech as in Annexure VII.

6. **TO CONSIDER** and approve the Curriculum and Syllabus of M.E Computer Science and Engineering programme of Regulation 2023.

RESOLVED TO approve the curriculum and Syllabus of M.E Computer Science and Engineering Programme of Regulation 2023 as in Annexure VIII.

V. FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. **TO CONSIDER** and approve the Curriculum of First Year B.E – Electronics and Communication Engineering of Regulation 2023 and the Syllabus of the courses offered by the Department of Electronics and Communication Engineering for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.E – Electronics and Communication Engineering and the Syllabus of the courses offered by the Department of Electronics and Communication Engineering for the First Year B.E/B.Tech as in Annexure IX.

2. **TO CONSIDER** and approve the Curriculum and Syllabus of I and II Semester of M.E Communication Systems Programme of Regulation 2023.

RESOLVED TO approve the curriculum and Syllabus of I and II Semester of M.E Communication Systems of Regulation 2023 as in Annexure X.

VI. FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING

TO CONSIDER and approve the Curriculum of First Year B.E – Electrical and Electronics Engineering of Regulation 2023 and the Syllabus of the courses offered by the Department of Electrical and Electronics Engineering for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.E – Electrical and Electronics Engineering and the Syllabus of the courses offered by the Department of Electrical and Electronics Engineering for the First Year B.E/B.Tech as in Annexure XI.

VII. FACULTY OF MECHANICAL ENGINEERING

TO CONSIDER and approve the Curriculum of First Year B.E – Mechanical Engineering of Regulation 2023 and the Syllabus of the courses offered by the Department of Mechanical Engineering for the First Year B.E./B/Tech.

RESOLVED TO approve the curriculum and Syllabus of First Year B.E – Mechanical Engineering and the Syllabus of the courses offered by the Department of Mechanical Engineering for the First Year B.E/B.Tech as in Annexure XII.


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VIII. FACULTY OF HUMANITIES AND SCIENCE

TO CONSIDER and approve the Syllabus of the courses offered to the First Year B.E/ B.Tech/ M.E/ M.B.A Degree programmes by the faculty of Humanities and Science.

RESOLVED TO approve the Syllabus of the courses offered to the First Year B.E/ B.Tech/ M.E / M.B.A Degree programmes by the faculty of Humanities and Science as in Annexure XIII.

IX. FACULTY OF MASTER OF BUSINESS ADMINISTRATION

TO CONSIDER and approve the Curriculum and Syllabus of Master of Business Administration (MBA) Programme of Regulation 2023.

RESOLVED TO approve the curriculum and Syllabus of Master of Business Administration (MBA) of Regulation 2023 as in Annexure XIV.


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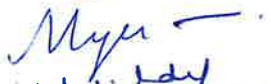

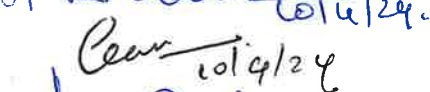








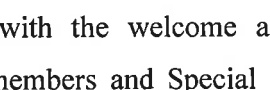
PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution)

MINUTES OF THE FIFTH MEETING OF THE ACADEMIC COUNCIL HELD ON
10th April, 2024 (Wednesday) at 10.30 A.M

The Fifth meeting of the Academic Council was held at 09.30 AM on 10.04.2024 (Wednesday) under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	<i>P. Mani</i>
Dr. S. Lakshmi	University Nominee	<i>S. Lakshmi</i>
Dr. P. Anandhakumar	University Nominee	<i>P. Anandhakumar</i> 10/4/24
Dr. R. P. Kumidhini Devi	University Nominee	<i>R.P. Kumidhini Devi</i> 10/4/24
Dr. Lavanam Amballa	Industry Expert	<i>Lavanam Amballa</i> 10/4/24
Mr. P. Thirunavukkarasu	Industry Expert	
Mr. J. Rajesh	Industry Expert	<i>J. Rajesh</i>
Dr. C. Ilamparuthi	Academic Expert- Medical	<i>C. Ilamparuthi</i> 10/4/24
Mr. M S. Soundrarajan	Judicial expert	<i>M. S. Soundrarajan</i>
Mr.M.S.Balamurugan	Chief Talent Officer / Special Invitee	<i>M. S. Balamurugan</i>
Prof. N. Viswanathan	Head, Training & Placements Special Invitee	<i>N. Viswanathan</i>
Dr. Paul Theophilus Rajakumar	Dean – Industry Collabrations Special Invitee	<i>P. Theophilus Rajakumar</i>
Dr. R. Manmohan	Dean – S&H	<i>R. Manmohan</i> 10/4/24
Dr. L. Jabasheela	Professor & Head - CSE	<i>L. Jabasheela</i> 10/4/24
Dr. S. Rajakumar	Professor & Head – ECE	<i>S. Rajakumar</i> 10/4/24
Dr. S. Selvi	Professor & Head –EEE	<i>S. Selvi</i>

Dr. L. Karthikeyan	Professor & Head – Mechanical	
Dr. M. Mageswari	Professor & Head – Civil	
Dr. M. Helda Mercy	Professor & Head – IT	
Dr. S. Malathi	Professor & Head – AI&DS	
Dr. C. Esakkiappan	Professor & Head - EIE	
Dr. B. Anni Princy	Professor & Head – AIML	
Dr. D. Anuradha	Professor & Head – CSBS	
Dr. N. Venkateswaran	Dean - MBA	
Dr. G. Rathinasabapathi	Controller of Examinations	
Dr. R. Manikandan	Professor	
Dr. D. Selvaraj	Professor	
Dr. T. Mayavan	Professor	
Dr. D. Silas Stephen	Member Secretary	

MINUTES OF THE FIFTH ACADEMIC COUNCIL MEETING

The Fifth meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 10.04.2024, started with the welcome address by the Chairman of the Academic Council, welcoming the members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

BUSINESS BROUGHT TO THE ACADEMIC COUNCIL

1. APPROVAL OF THE MINUTES OF THE FOURTH ACADEMIC COUNCIL MEETING

The minutes of Fourth Academic Council Meeting were circulated among the members of the Academic Council and the same was approved.



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2. AMENDMENT TO THE REGULATION 2021 (CBCS) AND REGUALTION 2023 (CBCS) – B.E / B.TECH PROGRAMMES

2.1 TO CONSIDER and approve the amendment to the Regulation-2021 (CBCS) – B.E./ B.Tech Programmes.

Dr. K. Mani, Chairman of the Academic Council presented the amendments to the Regulation 2021 (CBCS) – B.E. / B.Tech Programmes as in **Annexure I**.

RESOLVED TO approve the amendments to the Regulation 2021 (CBCS) as in **Annexure I**.

2.2 TO CONSIDER and approve the amendments to the Regulation-2023 (CBCS) for B.E / B.Tech Degree programmes.

Dr. K. Mani, Chairman of the Academic Council presented the amendments to the Regulation 2023 (CBCS) as in **Annexure II**.

The members recommended that the Clause 15 (ii) of Regulation 2023 and Clause 16 (ii) of Regulation 2023 for B.E / B.Tech Programme, **Eligibility for the Award of Degree – B.E /B.Tech (Hons)**, the clause shall be as “The student Should have earned additional courses from a specified group of Professional Electives (vertical) or from any of the verticals of the same programme and earned a minimum of 18 credits”.

RESOLVED TO approve the amendments to the Regulation–2023 (CBCS) for B.E / B.Tech Degree programmes as in **Annexure-II**.

2.3 TO CONSIDER and approve the amendment to the Regulation -2023 for M.E / M.B.A Degree programme.

The Chairman of the Academic Council presented the amendments to the Regulation 2023 (CBCS) as in **Annexure III**.

RESOLVED TO approve the amendment to the Regulation -2023 for M.E / M.B.A Degree programme as in **Annexure-III**.

3. CURRICULUM AND SYLLABUS OF REGUALTION 2023 (TO THE STUDENTS ADMITTED DURING 2023-24 & 2024-25)

The Chairman of the Academic Council requested the Board Chairman of the Board of Studies to present the approved Curriculum and Syllabus in their respective Board of Studies

Meeting held as below:


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Name of the Faculty	Board of Studies	Date of the Meeting
Faculty of Computer Science Engineering and Information Technology	6 th Meeting	08 th February, 2024
Faculty of Electronics and Communication Engineering	6 th Meeting	05 th February, 2024
Faculty of Electrical and Electronics Engineering	6 th Meeting	09 th February, 2024
Faculty of Mechanical Engineering	6 th Meeting	09 th February, 2024
Faculty of Humanities and Science	6 th Meeting	09 th February, 2024
Faculty of Master of Business Administration	6 th Meeting	05 th February, 2024

3.1 FACULTY OF COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY

3.1.1 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. L. Jabasheela, Chairman of Faculty of Computer Science Engineering and Information Technology presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure IV**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.1.2 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. L. Jabasheela, Chairman of Faculty of Computer Science Engineering and Information Technology presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science


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and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure V**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.1.3 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. M. Helda Mercy, Head of the Department of Information Technology presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure VI**.

The member of the Academic Council, Dr. R. P. Kumidhini Devi suggested that in the course 23IT1302 - Microprocessor and Microcontroller Design, the title of the Unit I shall be as '8086 Microprocessor' and not as 'The 8086 Mocroprocessor'

The academic Council members mentioned that the title of unit V of the course 23IT1403 - Operating Systems, 'Case Study' is Generic.

All the members of the academic council suggested to restrict the syllabus of the course 23ES1411- Technical Skill Practices III as the syllabus is vast and the content may not be delivered in the stipulated time.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.1.4 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. M. Helda Mercy, Head of the Department of Information Technology presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure VII**.


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RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Information Technology to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.1.5 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. S. Malathi, Head of the Department of Artificial Intelligence and Data Science presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure VIII**.

The members of the academic council, Dr. P. Anandhakumar suggested reducing the number of Experiments of the course 23AD1312 – Object Oriented Programming Paradigm laboratory.

The members suggested that the course, 23MA1304 - Mathematical Foundations for Artificial Intelligence shall be as Statistics and Discrete Mathematics.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.1.6 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. S. Malathi, Head of the Department of Artificial Intelligence and Data Science presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure IX**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Artificial Intelligence and Data Science to the Students of B.E / B.Tech. Programmes admitted during 2024-25.


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3.1.7 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Business Systems to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. D. Anuradha, Head of the Department of Computer Science and Business Systems presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure X**.

The members of the academic council suggested updating the text books of the 23CB1303 – Software Engineering to recent editions.

The members of the Academic Council suggested that the syllabus of the course, 23MA1407- Operations Research is elaborate and the same shall be reduced.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Computer Science and Business Systems to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.1.8 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Business Systems to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. D. Anuradha, Head of the Department of Computer Science and Business Systems presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure XI**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Business Systems to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.1.9 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Machine Learning to the Students of B.E / B.Tech. Programmes admitted during 2023-24.


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Dr. B. Anni Princy, Head of the Department of Artificial Intelligence and Machine Learning presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Machine Learning to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure XII**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Artificial Intelligence and Machine Learning to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.1.10 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Artificial Intelligence and Machine Learning to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. B. Anni Princy, Head of the Department of Artificial Intelligence and Machine Learning presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure XIII**.

The members of the Academic Council mentioned that the Syllabus of the Course 23MA1406 - Probabilistic Methods and Optimization Techniques in Machine Learning shall be clearer.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by Department of Artificial Intelligence and Machine Learning to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.2 FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING

3.2.1 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electronics and Communication Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electronics and Communication

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Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure XIV**.

The Academic Council member, Dr. R. P. Kumidhini Devi, suggested that the Laboratory course 23EC1312 - Signals and Control Systems Laboratory shall be treated as separate laboratory course as Signals and Systems Laboratory and Control Systems Laboratory or as an integrated course. The experiment number 6 of the course shall be as 'Computation of Unit Impulse, Unit step and Sinusoidal responses of the given LTI system and verifying its physical reliability and stability properties'.

Dr. P. Anandhakumar suggested updating the text books of the course 23EC1401 - Communication Theory.

The members recommended reducing the number of special ICs in the syllabus of Unit V - Waveform Generators and Special Function ICs of the course 23EC1403 - Analog Integrated Circuits. Also, latest edition of the book, Millman J. and Taub H., Pulse Digital and Switching Waveforms, TMH, 2000 shall be considered.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electronics and Communication Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.2.2 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Electronics and Communication Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure XV**.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered Department of Electronics and Communication Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

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3.3 FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING

3.3.1 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electrical and Electronics Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. S. Selvi, Board Chairman, Faculty of Electrical and Electronics Engineering presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electrical and Electronics Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure XVI**.

The member of the Academic Council recommended the following as text book for the course 23EE1301- Electromagnetic Theory

- i. Joseph. A.Edminister, 'Schaum's Outline of Electromagnetics, Fifth Edition (Schaum's Outline Series), McGraw Hill, 2019.
- ii. K A Gangadhar, 'Electromagnetic Field Theory', Khanna Publishers; Sixteenth Publication :2023

The Academic Council member, Dr. R. P. Kumidhini Devi suggested elaborating the syllabus of 23EE1402 - Electrical Machines I.

The academic Council member Dr. P. Anandhakumar recommended adding specific topics on 'Register' in the course 23EE1405 - Digital Electronics.

The Academic Council member, Dr. R. P. Kumidhini Devi recommended experiments on Design of P, PI and PID controller as simulations.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Electrical and Electronics Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.3.2 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Electrical and Electronics Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. S. Selvi, Board Chairman, Faculty of Electrical and Electronics Engineering presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the

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Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure XVII**.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered Department of Electrical and Electronics Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.4 FACULTY OF MECHANICAL ENGINEERING

3.4.1 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Mechanical Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical Engineering presented the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Mechanical Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24 as in **Annexure XVIII**.

The Academic council members suggested the following points on the course, 21ML1401 – Artificial Intelligence and Machine Learning:

- i. The Subject shall be renamed as Introduction to Artificial Intelligence for Mechanical Engineering?
- ii. Syllabus is above the level of the programme.
- iii. The course shall be offered as an open elective.

RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of III and IV Semester offered by the Department of Mechanical Engineering to the Students of B.E / B.Tech. Programmes admitted during 2023-24.

3.4.2 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Mechanical Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical Engineering presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered by the Department of Computer Science and Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25 as in **Annexure XIX**.


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RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered Department of Mechanical Engineering to the Students of B.E / B.Tech. Programmes admitted during 2024-25.

3.5 FACULTY OF MASTER OF BUSINESS ADMINISTRATION

3.5.1 TO CONSIDER and approve the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023(admitted during 2023-24).

Dr. N. Venkateswaran, Board Chairman, Faculty of Master of Business Administration, presented the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023 (admitted during 2023-24) as in **Annexure XX**.

The members mentioned that in the course 24MB3221- Case Study, the word case should be as 'Case' and not as 'CASE'.

The members of the Academic Council recommended adding Tally to the Curriculum.

RESOLVED TO approve the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023 (admitted during 2023-24).

3.5.2 TO CONSIDER and approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered to the students of Master of Business Administration Programme of Regulation 2023 (admitted during 2024-25).

Dr. N. Venkateswaran, Board Chairman, Faculty of Master of Business Administration , presented the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered to the students of Master of Business Administration Programme of Regulation 2023 (admitted during 2024-25) as in **Annexure XXI**.

The member of the Academic Council, Dr. S. Lakshmi suggested that the course 23MB3390 - Rural Community Engagement shall be as providing solutions to the social problems rather than identifying the problem of the society.

The number of credits of the courses of the course shall be reduced and tutorial hours shall be added.


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RESOLVED TO approve the Curriculum of Regulation 2023 and the Syllabus of I and II Semester offered to the students of Master of Business Administration Programme of Regulation 2023 (admitted during 2024-25).

3.6 FACULTY OF HUMANITIES AND SCIENCE

TO CONSIDER and approve the Syllabus of Regulation 2023 for the the courses offered by the faculty of Humanities and Science

Dr. R. Manmohan, Board Chairman, Faculty of of Science and Humanities presented the Syllabus of the courses offered by the faculty of Humanities and Science as in **Annexure XXII**.

The member of the Academic Council, Dr. R. P. Kumidhini Devi mentioned that the title of Unit I – Ocillations of the Course Physics for Computing Science offered to the Department of Computer Science and Business Systems is generic.

The members of the Academic Council pointed that the in Unit II – Linear Statistical Models of the Course 23MA 1205 - Statistical Methods and Modelling the topic, Analysis of variance (one way, two way with as well as without interaction) is not clear. They also suggested that for the experiments on time series, MATLAB shall be used.

RESOLVED TO approve the Syllabus of the courses offered by the faculty of Humanities and Science.

4. ANY OTHER MATTERS

The members discussed the following:

- i. The Syllabus of the Laboratory course shall such that the experiments can be conducted in the stipulated time.
- ii. The Engineering Science Courses shall be within semester 4 of the curriculum.
- iii. The Text book and Reference Books should be of recent editions.

Further, the meeting ended with the **Vote of Thanks** by Dr. D. Silas Stephen, Member Secretary of the Academic Council.

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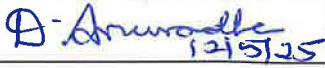




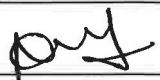





PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)

**MINUTES OF THE SIXTH MEETING OF THE ACADEMIC COUNCIL HELD ON
12th May, 2025 (Monday) at 10.00 A.M**

The Sixth meeting of the Academic Council was held at 10.00 AM on 12.05.2025 (Monday) under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present:

Dr. K. Mani	Chairman	<i>K. Mani</i>
Dr. V. Vetriselvi	University Nominee	<i>V. Vetriselvi / 12/5/25</i>
Dr. Naveen Kumar	University Nominee	<i>N/K / 12.05.25</i>
Dr. V. Geetha	University Nominee	<i>V. Geetha 12/5/25</i>
Mrs. Raajalakshmi Ramanathan	Industry Expert	<i>R. Raajalakshmi</i>
Mrs. Shyamala Lakshmi Ilangovan	Industry Expert	<i>Shyamala</i>
Dr A R Arvind	Industry Expert	<i>Arvind</i>
Dr. C. Ilamparuthi	Academic Expert- Medical	<i>C. Ilamparuthi</i>
Mr. M S. Soundraran	Judicial expert	<i>M. S. Soundraran</i>
Dr.S.Prasanna Devi	Chief Academic Officer	<i>S. Prasanna Devi</i>
Prof. N. Viswanathan	Head, Training & Placements/ Special Invitee	<i>N. Viswanathan</i>
Dr. Paul Theophilus Rajakumar	Dean – Industry Collabrations Special Invitee	<i>P. Theophilus Rajakumar</i>
Dr. R. Manmohan	Dean–S&H	<i>R. Manmohan</i>
Dr. L. Jabasheela	Professor & Head - CSE	<i>L. Jabasheela / 12/5/25</i>
Dr. S. Malathi	Professor & Head – AI&DS	<i>S. Malathi / 12/5/25</i>
Dr. M. Helda Mercy	Professor & Head – IT	<i>M. Helda Mercy</i>
Dr. S. Selvi	Professor & Head –EEE	<i>S. Selvi</i>

Dr. B. Anni Princy	Professor & Head – AIML	
Dr. L. Karthikeyan	Professor & Head – Mech	
Dr. S. Rajakumar	Professor & Head – ECE	
Dr. D. Anuradha	Professor & Head – CSBS	
Dr. N. Venkateswaran	Dean-MBA	
Dr. M. Mageswari	Professor – Mechanical	
Dr. C. Esakkiappan	Professor - ECE	
Dr. G. Rathinasabapathi	Controller of Examinations	
Dr. G. Nagara jan	Professor	
Dr. R. Manikandan	Professor	
Dr. D. Karunkuzhali	Professor	
Dr. K. Thiruselvam	Professor	
Mrs. P. Deepa	Professor	
Dr. D. Silas Stephen	Member Secretary	

MINUTES OF THE FIFTH ACADEMIC COUNCIL MEETING

The Sixth meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 12.05.2025, started with the welcome address by the Chairman of the Academic Council, welcoming members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

BUSINESS BROUGHT TO THE ACADEMIC COUNCIL

1. APPROVAL OF THE MINUTES OF THE FIFTH ACADEMIC COUNCIL MEETING

The minutes of Fifth Academic Council Meeting were circulated among the members of the Academic Council and the same was approved.


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2. AMENDMENT TO THE REGULATION 2023 (CBCS) – B.E / B.TECH PROGRAMMES

2.1 TO CONSIDER and approve the amendments to the Regulation-2023 (CBCS) for B.E / B.Tech Degree programmes.

Dr. K. Mani, Chairman of the Academic Council presented the amendments to the Regulation 2023 (CBCS) as in **Annexure I**.

The members suggested the following:

- 1. Minor Degree** should have a separate set of syllabus apart from regular syllabus. One department can offer only one specialization of minor degree. The Subject code for Minor Degree has to be different from regular syllabus code.
- 2. For PWD** (Person with Disabilities), 50 % weightage may be given through assignments and 50% weightage may be given through the written test.

RESOLVED TO approve the amendments to the Regulation–2023 (CBCS) for B.E / B.Tech Degree programmes as in **Annexure-I**.

3. CURRICULUM AND SYLLABUS OF REGULATION 2023 – B.E/ B.TECH (FOR THE STUDENTS ADMITTED DURING 2023-24 & FROM 2024-25) & REGULATION 2025 (M.E/ MBA)

The Chairman of the Academic Council requested the Board Chairman of the Board of Studies to present the approved Curriculum and Syllabus in their respective Board of Studies Meeting held as below:

Name of the Faculty	Board of Studies	Date of the Meeting
Faculty of Computer Science Engineering and Information Technology	7 th Meeting	24 th January, 2025
Faculty of Electronics and Communication Engineering	7 th Meeting	29 th January, 2025
Faculty of Electrical and Electronics Engineering	7 th Meeting	29 th January, 2025
Faculty of Mechanical Engineering	7 th Meeting	10 th February, 2025
Faculty of Humanities and Science	7 th Meeting	06 th February, 2025
Faculty of Master of Business Administration	7 th Meeting	27 th January, 2025

K. Mani
12/15/25

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3.1 FACULTY OF COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY

3.1.1 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. L. Jabashela, Chairman of Faculty of Computer Science Engineering and Information Technology presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested the following:

1. **Reframing the vision** of the Programme such that it is programme specific.
2. The **syllabus of the course 23IT1404 – Operating System** is generic, and the syllabus shall be enabled by including specific contents on OS with Linux Administration and Memory Management.
3. Introduction of generic approaches in Unit I for the **Course Problem Solving using C.**

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure II.**

3.1.2 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. M. Heida Mercy, Head of the Department of Information Technology presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested the following:

1. **Course on Queuing Theory** shall be included, it helps the students appearing for GATE examination.
2. The course **23IT1302 – Microprocessor and Microcontroller** shall be offered only as microcontroller with 3 credits.


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3. The **courses offered by the department should be programme specific** when compared with the course offered by the Department of Computer Science and Engineering. Course on Information Coding, Data Engineering, IT Infrastructure shall be offered.
4. The course **23ES1701 - Cryptography and Cyber Security** shall be offered as Information Security.

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure III**.

- 3.1.3 TO CONSIDER** and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. S. Malathi, Head of the Department of Artificial Intelligence and Data Science presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested offering 23AD1901 -Data Warehousing and Data Mining shall be offered as a Core course rather than Professional Elective.

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure IV**.

- 3.1.4 TO CONSIDER** and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. D. Anuradha, Head of the Department of Computer Science and Business Systems presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested to offer a course on Distributed computing instead of 23CS 1602 – Compiler Design during the III Year.

K. M. 12/15/25

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RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure V**.

3.1.5 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. B. Anni Princy, Head of the Department of Artificial Intelligence and Machine Learning presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E/ B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested the following:

1. The course on Machine Learning shall be offered as Machine Learning- I and Machine Learning –II
2. The Course 23ADI702 – AI and Robotics shall be offered by introducing pre-requisites in the previous semesters.

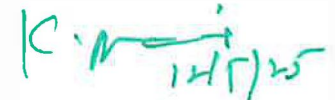
RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure VI**.

3.1.6 TO CONSIDER and approve the list of Open Electives and the Value Added Courses and their Syllabus offered by the Faculty of Computer Science and Information Technology for the Students of B.E/ B.Tech Programmes.

Mrs. P. Deepa, Professor of Computer Science Engineering and Information Technology presented the list of Open Electives and the Value Added Courses and their Syllabus offered by the Faculty of Computer Science and Information Technology for the Students of B.E/ B.Tech Programmes.

The members suggested changing the title of the value added course, 23VA1010 - Responsive Web Application Development according to the syllabus.

RESOLVED TO approve the list of Open Electives and the Value Added Courses and their Syllabus offered by the Faculty of Computer Science and



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Information Technology for the Students of B.E/ B.Tech Programmes as in **Annexure VII.**

3.1.7 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2025 offered by the Department of Computer Science and Engineering for the Students of M.E. Programme.

Dr. L. Jabasheela, Chairman of Faculty of Computer Science Engineering and Information Technology presented the Curriculum and Syllabus of Regulation 2025 offered by the Department of Computer Science and Engineering for the Students of M.E. Programme.

The members suggested to have Tutorial hours for the courses: 25MA2101 - Advanced Mathematics for Scientific Computing and 25RM2101 - Research Methodology and IPR

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2025 offered by the Department of Computer Science and Engineering for the Students of M.E. Programme as in **Annexure VIII.**

3.2 FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING

3.2.1 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and Communication Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and Communication Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested removing the repetitions in the syllabus of the course 23EC1402–Electronic Circuits II.

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and Communication Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure IX.**

K. M. 12/5/25

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3.2.2 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2025 offered by the Department of Electronics and Communication Engineering for the Students of M.E. Programme.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the Curriculum and Syllabus of Regulation 2025 offered by the Department of Electronics and Communication Engineering for the Students of M.E. Programme.

The members suggested having tutorial hours for 25EC2103 – Advanced Digital Signal Processing.

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2025 offered by the Department of Electronics and Communication Engineering for the Students of M.E. Programme as in **Annexure X**

3.2.3 TO CONSIDER and approve the list of Value Added Courses and their Syllabus offered by the Faculty of Electronics and Communication Engineering for the Students of B.E/ B.Tech Programmes.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the list of Value Added Courses and their Syllabus offered by the Faculty of Electronics and Communication Engineering for the Students of B.E/ B.Tech Programmes.

RESOLVED TO approve the list of Value Added Courses and their Syllabus offered by the Faculty of Electronics and Communication Engineering for the Students of B.E/ B.Tech Programmes as in **Annexure XI**.

3.3 FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING

3.3.1 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. S. Selvi, Board Chairman, Faculty of Electrical and Electronics Engineering presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.



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RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure XII**.

3.3.2 TO CONSIDER and approve the list of Value Added Courses and their Syllabus offered by the Faculty of Electrical and Electronics Engineering for the Students of B.E/ B.Tech Programmes.

Dr. S. Selvi, Board Chairman, Faculty of Electrical and Electronics Engineering presented the list of Value Added Courses and their Syllabus offered by the Faculty of Electrical and Electronics Engineering for the Students of B.E/ B.Tech Programmes.

The members suggested offering Value Added Course, which is an alternative to MATLAB.

RESOLVED TO approve the list of Value Added Courses and their Syllabus offered by the Faculty of Electrical and Electronics Engineering for the Students of B.E/ B.Tech Programmes as in **Annexure XIII**.

3.4 FACULTY OF MECHANICAL ENGINEERING

3.4.1 TO CONSIDER and approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Mechanical Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical Engineering presented the Curriculum and Syllabus of Regulation 2023 offered by the Department of Mechanical Engineering Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25.

The members suggested the following:

1. Engineering Chemistry shall be offered to Mechanical students, as it is required.
2. Course 23ME1935 – Industrial Safety and Maintenance shall be offered as a core course instead of Professional Elective.

RESOLVED TO approve the Curriculum and Syllabus of Regulation 2023 offered by the Department of Mechanical Engineering for the Students of B.E /


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B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Annexure XIV**.

3.4.2 TO CONSIDER and approve the list of Value Added Courses and their Syllabus offered by the Faculty of Mechanical Engineering for the Students of B.E/ B.Tech Programmes.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical presented the list of Value Added Courses and their Syllabus offered by the Faculty of Mechanical Engineering for the Students of B.E/ B.Tech Programmes.

RESOLVED TO approve the list of Value Added Courses and their Syllabus offered by the Faculty of Mechanical Engineering for the Students of B.E/ B.Tech Programmes as in **Annexure XV**.

3.5 FACULTY OF HUMANITIES AND SCIENCE

TO CONSIDER and approve the Syllabus of the courses offered to the B.E/ B.Tech/ M.E/ M.B.A Degree programmes by the faculty of Humanities and Science.

Dr. R. Manmohan, Board Chairman, Faculty of of Science and Humanities presented the Syllabus of the courses offered to the B.E/ B.Tech/ M.E/ M.B.A Degree programmes by the faculty of Humanities and Science.

The members suggested the following:

1. The members suggested limiting the syllabus of **Engineering Physics**.
2. The title of the course on Interpersonal communication skill shall be changed and the syllabus shall be included with the topics: Brand Building, Email Writing, Executive Communication and when to say No?

RESOLVED TO approve the Syllabus of the courses offered to the B.E/ B.Tech/ M.E / M.B.A Degree programmes by the faculty of Humanities and Science.

3.6 FACULTY OF MASTER OF BUSINESS ADMINISTRATION

TO CONSIDER and approve the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023.


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Dr. N. Venkateswaran, Board Chairman, Faculty of Master of Business Administration, presented the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023.

The members suggested the following:

1. The Total number of credits is high, shall be reduced
2. Introduce tutorial hours
3. Topics on Total Cost Optimization and Course on E-commerce shall be included.

RESOLVED TO approve the Curriculum of Regulation 2023 and Syllabus of III and IV Semester courses offered to the students of Master of Business Administration Programme of Regulation 2023 as in **Annexure XVI**.

4. ANY OTHER MATTERS

TO CONSIDER and approve the Syllabus of the Course 23ES1115 – Computer Aided Engineering Graphics offered in Regulation 2023 (for the Students admitted from 2024-25) as Practical Course (Computer Aided) for the Students admitted from 2025-26.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical presented the Syllabus of the Course 23ES1115 – Computer Aided Engineering Graphics offered in Regulation 2023 (for the Students admitted from 2025-26).

RESOLVED TO approve the Syllabus of the Course 23ES1115 – Computer Aided Engineering Graphics offered in Regulation 2023 (for the Students admitted from 2025-26).

SUGGESTION AND REMARKS OF THE ACADEMIC COUNCIL MEMBERS

1. **The Professional Elective course in semester 08** shall be offered in semester 06 and 07 to facilitate the students to attend internship.
2. **Interdisciplinary Projects** shall be introduced after the 04th Semester.
3. **Text book** title “Art of Innovation” by Tom Kelley shall be added for the course **23ES1114 - Innovative Thinking and Prototype Development Laboratory**.


12/5/25

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Dr. V. Vetriselvi, Professor, Anna University - Anna University Nominee

1. **Minor Degree** should have a separate set of syllabus apart from regular syllabus. One department can offer only one specialization of minor degree. The Subject code for Minor Degree has to be different from regular syllabus code.
2. The **Contact period of the PG Courses**, Research Methodology can be changed from 3 0 0 to 2 1 0, where the credit is still 3. Tutorial Hour to be included in all courses wherever possible.

Dr. Naveen Kumar, Professor, IITDM – Anna University Nominee

1. **For PWD** (Person with Disabilities), 50 % weightage may be given through assignments and 50% weightage may be given through the written test.
2. **Department specific Science Elective concept** may be floated to that physics courses and may be offered to Engineering students. For example Electro Magnetic Field may be taught by Physics Faculty in the second semester for ECE students.
3. **First year Physics Course Syllabus** may be reduced.
4. **The total credits of ECE** may be reduced.
5. **Interdisciplinary course on Product Development**, if possible may be offered across all branches.
6. **Overall the curriculum & Syllabus** is balanced and approved.

**Dr. V. Geetha, Professor & Head, IT, Puducherry Technical University–Anna
University Nominee**

For UG Programmes:

1. **Entrepreneurship Subject** may be included in all UG Courses.
2. **Operating System** Core concepts are to be included.
3. The Mathematics Courses must align with the Programme Specific requirements in the final unit.
4. **Total Number of credits** can be limited to ≤ 170
5. **Latest courses** like Gen AI and Agentic AI may be introduced to AIML Programme.
6. It may be ensured to keep a **clear distinction in the curriculum among 5 CSE & IT Courses.**

K. Mani
12/5/20

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For PG Programmes:

1. **Number of Theory Courses** are too high for PG.
2. **More Project based Courses** may be given.

Mrs. Shyamala Lakshmi, Head Learning & Development – Industry Expert

1. **Paper presentation, internship, training from IT industry** can be included part of evaluation and credits.
2. **Cloud related AI tools** can be included in the curriculum.
3. **Agentic AI, Smart Ontology and Smart Objects** to be included for AI stream.
4. **Overlap between the interpersonal and communication skills** to be addressed.
5. **Agile technology related topics** shall be included in the Software Engineering Syllabus.

**Dr. A R Arvind, Deputy General Manager – Project Planning, Ashok Leyland –
Industry Expert**

1. **PMP certified faculty** shall be recruited or trained to train students on Project Management.
2. **FMEA and PL&MH** to be included as mechanical core subject.
3. **Chemical Engineering Courses** for ECE, EEE and Mechanical in 1 year is essential.
4. **Entrepreneur Development core subjects** to be demonstrated.
5. **Overall, the Curriculum and Syllabus** is OK.

***** End of the Document*****

K. Mani
12/07/25

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PANIMALAR ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

MINUTES OF THE SEVENTH MEETING OF THE ACADEMIC COUNCIL HELD ON

23rd February, 2026 (Monday) at 09.45 A.M

The Seventh meeting of the Academic Council was held on 23rd February, 2026 at 09.45 AM under the chairmanship of Dr. K. Mani, Principal, Panimalar Engineering College, Chennai.

Members Present

Name of the Member	Category
Dr. K. Mani Principal, Panimalar Engineering College	Chairman
Dr. V. Vetriselvi Professor, Department of CSE., Anna University, Chennai.	University Nominee
Dr. Naveen Kumar Professor, Department of Physics, IIITDM Kancheepuram, Chennai.	University Nominee
Dr. V. Geetha Professor and Head, Department of Information Technology, Puducherry Technological University, Puducherry - 605 014.	University Nominee
Mrs. Raajalakshmi Ramanathan Senior Manager, Tata Consultancy Services.	Industry Nominee
Mrs. Shyamala Lakshmi Ilangovan Head - Learning & Development, Hexaware Technologies.	Industry Nominee
Dr A R Arvind Deputy General Manager, Ashok Leyland.	Industry Nominee
Dr. C. Ilamparuthi Dean, Panimalar Medical College and Research Institute	Academic Expert Medical
Mr. M S. Soundrarajan Advocate - High Court, Chennai.	Judicial expert


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Dr.S.Prasanna Devi Chief Academic Officer	Member
Prof. N. Viswanathan Head, Training & Placements	Special Invitee
Dr. Paul Theophilus Rajakumar Dean – Industry Collabrations	Special Invitee
Dr. R. Manmohan Dean S & H	Chairman, BoS & Member
Dr. L. Jabasheela Professor & Head – CSE	Chairman BoS, CSE & IT and Member
Dr. S. Malathi Professor & Head – AI&DS	Member
Dr. M. Helda Mercy Professor & Head – IT	Member
Dr. S. Selvi Professor & Head –EEE	Chairman BoS, EEE & Member
Dr. B. Anni Princy Professor & Head – AIML	Member
Dr. L. Karthikeyan Professor & Head – Mech	Chairman BoS, Mechanical & Member
Dr. S. Rajakumar Professor & Head – ECE	Chairman BoS, ECE & Member
Dr. D. Anuradha Professor & Head – CSBS	Member
Dr. N. Venkateswaran Dean – MBA	Chairman BoS, MBA & Member
Dr. M. Mageswari Professor – Mechanical	Member
Dr. C. Esakkiappan Professor – ECE	Member
Dr. G. Rathinasabapathi Controller of Examinations	Member
Dr. G. Nagarajan Professor & Head – Mathematics	Member
Dr. R. Manikandan Professor , ECE	Member
Dr. D. Karunkuzhali Professor , IT	Member
Dr. K. Thiruselvam Professor , Mechanical	Member

K. Mani

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Mrs. P. Deepa Professor , CSE	Member
Dr. D. Silas Stephen Professor, EEE	Member Secretary

MINUTES OF THE SEVENTH ACADEMIC COUNCIL MEETING

The Seventh meeting of the Academic Council, Panimalar Engineering College (An Autonomous Institution) held on 23rd February, 2026, started with the welcome address by the Chairman of the Academic Council, welcoming members and Special invitees of the Academic Council and outlined the various agenda items to be presented and briefed about the Business to be carried out in the Council meeting.

The Chairman of the Academic Council requested the Board Chairman of the Board of Studies to present the approved Curriculum and Syllabus in their respective Board of Studies Meeting held as below:

Name of the Faculty	Board of Studies	Date of the Meeting
Faculty of Computer Science Engineering and Information Technology	8 th Meeting	05 th January, 2026
Faculty of Electronics and Communication Engineering	8 th Meeting	23 rd December, 2025
Faculty of Electrical and Electronics Engineering	8 th Meeting	19 th December, 2025
Faculty of Mechanical Engineering	8 th Meeting	22 nd December, 2025

1.2026 TO CONFIRM THE OF THE MINUTES OF THE SIXTH ACADEMIC COUNCIL MEETING HELD ON 12TH MAY, 2025

Confirmed the minutes of 06th Meeting held on 12th May, 2025. The same has been approved in the 50th Governing Body Meeting on 24th July, 2025.


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2.2026 TO REPORT ON ACTION TAKEN REPORT ON THE MINUTES OF THE 06TH ACADEMIC COUNCIL MEETING HELD ON 12TH MAY, 2025.

Noted

FOR APPROVAL

3.2026 TO CONSIDER AND APPROVE the updated Curriculum and Syllabus of Regulation 2023 and Value Added Courses offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. L. Jabasheela, Chairman of Faculty of Computer Science Engineering and Information Technology presented the updated Curriculum and Syllabus of Regulation 2023 and Value Added Courses offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

The members suggested the following:

- i. **23CS1505- Industrial Internet of Things** - Packaging of IOT and commercialization can be added as a topic.
- ii. **23CS1505- Industrial Internet of Things** - Creativity can be encouraged to encourage design thinking
- iii. **23CS1513 -Technical Seminar and Research Writing** - Benchmarking aspects, formatting aspects should be added to the course.
- iv. **23CS1605 – Android Application Development –**
 - In Unit IV, UI / UX fundamentals must be included.
 - Add all mobile sensor applications in Android Development subject.
- v. **23CS1613 - Mini Project** – Title of the course can be changed.
- vi. Skill mapping of CSE courses shall be mentioned.
- vii. Packaging and Hardware Specific system / product oriented or discipline specific practical based learning may also be included instead of generic theory based experiments.

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- viii. Cloud can be covered part of full stack for a holistic development.
- ix. Cloud tools – AWS, Azure, GCP to be included.
- x. AIOps & MLOps can be included.
- xi. Prompt Engineering can be covered. Hugging face, Lang Chain, Llama shall be included.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 and Value Added Courses offered by the Department of Computer Science and Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix I**.

4.2026

TO CONSIDER AND APPROVE the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. M. Helda Mercy, Head of the Department of Information Technology presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

The members suggested the following:

- i. **23IT1505 - Embedded Systems and Internet of Things Technologies** – IT flavor is missing – Include communication protocols, IOT security, Cloud and Data analytics for IOT, I2C, SPI and UART.
- ii. **23IT1514 – Technical Seminar and Research Writing** – Identification tools, research writing style, Latex. Also include Innovation Principles and Ethical Principles.
- iii. **23IT1603- Deep Learning and Natural Language Processing** – MLOPS, Logging, anomaly detection to be added.
- iv. **AWS Azure, Docking, Introduction to Kubernetes** – Alb Demo can be introduced as implementation.
- v. **23IT1703 – Software Testing and Quality Assurance** – Network based testing can be introduced.


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- vi. Edge Computing, Storage on Edge and IOT on Edge are upcoming. Shall be added.
- vii. **23IT1937 – Enterprise IT Governance and Management –** Monitoring of Organizational Metrics and Data Monitoring to be added. Add some topics on Cloud Infra Vs On premises infra.
- viii. IT Infrastructure and Enterprise Systems – Operational Technology (OT) infra to be included.
- ix. Design Thinking concepts in the First Year.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Information Technology for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Appendix II.**

5.2026

TO CONSIDER AND APPROVE the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. S. Malathi, Head of the Department of Artificial Intelligence and Data Science presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

The members suggested the following:

- i. **Projects** can be included in Deep Learning Laboratory and other Artificial Intelligence and Data Science specific Labs.
- ii. **23AD1605- Computer Vision** -- To include Photogrammetry.
- iii. To include MLOps, White coding tools
- iv. To include Cloud deployment for project deployment

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Data Science for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix III.**


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6.2026 **TO CONSIDER AND APPROVE** the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. D. Anuradha, Head of the Department of Computer Science and Business Systems presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Computer Science and Business Systems for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix IV**.

7.2026 **TO CONSIDER AND APPROVE** the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. B. Anni Princy, Head of the Department of Artificial Intelligence and Machine Learning presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Artificial Intelligence and Machine Learning for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix V**.

8.2026 **TO CONSIDER AND APPROVE** the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and

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Communication Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. S. Rajakumar, Board Chairman, Faculty of Electronics and Communication Engineering presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and Communication Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electronics and Communication Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix VI**.

9.2026

TO CONSIDER AND APPROVE the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. S. Selvi, Board Chairman, Faculty of Electrical and Electronics Engineering presented the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Electrical and Electronics Engineering for the Students of B.E / B.Tech. Programmes admitted during 2023-24 and from 2024-25 as in **Appendix VII**.

10.2026

TO CONSIDER AND APPROVE the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Mechanical Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. L. Karthikeyan, Board Chairman, Faculty of Mechanical Engineering presented the updated Curriculum and Syllabus of Regulation 2023

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offered by the Department of Mechanical Engineering Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25. .

The members suggested the following:

- i. 23HS1701- Climate Change and Sustainability- SDG mapped case study projects to different engineering disciplines may be included in core Engineering ,whereas sustainable AI development to be considered by Faculty of Computer Science and Information Technology.
- ii. Recent books on Disaster Management may be included.

RESOLVED TO approve the updated Curriculum and Syllabus of Regulation 2023 offered by the Department of Mechanical Engineering for the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix VIII**.

11.2026 **TO CONSIDER AND APPROVE** the Syllabus of the Value Added Courses of Regulation 2023 offered to the Students of B.E / B.Tech. Programmes admitted from 2024-25.

Dr. N. Venkateswaran, Board Chairman, Faculty of Master of Business Administration presented the Syllabus of the Value Added Courses of Regulation 2023 offered to the Students of B.E / B.Tech. Programmes admitted from 2024-25.

RESOLVED TO approve the Syllabus of the Value Added Courses of Regulation 2023 offered to the Students of B.E / B.Tech. Programmes admitted from 2024-25 as in **Appendix VIII**.


Dr. K. Mani

Principal / Chairman, Academic Council
Panimalar Engineering College

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