PAAVAI ENGINEERING COLLEGE

(AUTONOMOUS)

Minutes of 8th Academic Council Meeting

Venue – Cute Hall (online)

Date and Time: 28-04-2022 & 10.30 a.m.
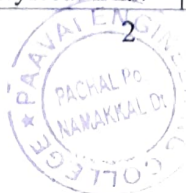
Members Present

S.No.	Name	Designation	Position in the Committee	College/University/Industry
1.	Dr.M.PREMKUMAR	Principal	Chairman	Paavai Engineering College
2.	Dr. K.K. RAMASAMY	Director Administration	Management Nominee	Paavai Engineering College
3.	Dr.S. THANIGAIARASU	Professor	University Nominee	Department of Aerospace Engineering, MIT Campus, Anna University,
4.	Dr.T. SHRIMATHY VENKTALAKSHMI	Professor	University Nominee	Department of English, CEG Campus, Anna University
5.	Dr.N.ALAGUMURTHI	Professor	Academic Expert	Department of Mechanical Engineering, Pondicherry Engineering College,
6.	Mr.R.SUNDARAM	Managing Director	Industry Expert	Aerospace Engineering Ltd, Salem
7.	Dr.R.LATHA	Assistant Civil Surgeon	Expert-Medicine	Govt. Primary Health Centre, Puthanchanthai
8.	Mr.K.PALANIVEL	Chief Accountant	Expert-Commerce	Paavai Engineering College
9.	Dr. K. SUNDARAMURTHY	Dean Academics	Member Secretary	Paavai Engineering College
10.	Dr. B. MURALIBABU	Controller of Examinations	Member	Paavai Engineering College
11.	Dr. R.ARRAVIND	Professor & HoD/AERO	Member	Paavai Engineering College
12.	Dr.A.VIVEKANANDHINI	Professor &HoD/Agri	Member	Paavai Engineering College
13.	Dr.T.ARUN KUMAR	Professor & HoD/ Bio-Medical	Member	Paavai Engineering College
14.	Prof.K.SHARMILADEVI	Asst. Prof.& HoD/CIVIL	Member	Paavai Engineering College

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15.	Dr. D.BANUMATHI	Professor & HoD/CSE	Member	Paavai Engineering College
16.	Dr. N.MAGENDIRAN	Professor & HoD /Cyber Security	Member	Paavai Engineering College
17.	Dr. M.SUDHA	Professor & HoD/ECE	Member	Paavai Engineering College
18.	Dr. G. BALAJI	Professor & HoD/EEE	Member	Paavai Engineering College
19.	Dr. A.P.SIVA SUBRAMANIAM	Professor & HoD/MECH	Member	Paavai Engineering College
20.	Dr. D.R.P.RAJARATHNAM	Professor & HoD/MCT	Member	Paavai Engineering College
21.	Prof. D.MURUGESAN	Asso. Prof., HoD- ic /Medical Elect.	Member	Paavai Engineering College
22.	Dr. G. SRINIVASAN	Professor & HoD/Chemical	Member	Paavai Engineering College
23.	Prof. R. BALASUBRAMANI	Asso. Prof & HoD/ Food	Member	Paavai Engineering College
24.	Prof. B.VENKATESAN	Associate Professor & HoD/IT	Member	Paavai Engineering College
25.	Dr.R .PRAVEEN CUMAR	Professor & HoD/ Pharma	Member	Paavai Engineering College
26.	Prof. M.MOHAN	Professor & Hod/S&H	Member	Paavai Engineering College
27.	Dr. G.RAJA	Professor & HoD//Chem	Member	Paavai Engineering College
28.	Dr. R.SHANTHI	Professor & HoD/English	Member	Paavai Engineering College
29.	Dr. P. JAYAKUMAR	Professor & HoD/Maths	Member	Paavai Engineering College
30.	Prof. S.KAVITHA	Asso.Professor & HoD / Physics	Member	Paavai Engineering College
31.	Prof..S.SENTHILVELAN	Asso.Professor & HoD/MCA	Member	Paavai Engineering College
32.	Dr. S.SUMATHI	Professor & HoD/MBA	Member	Paavai Engineering College
33.	Dr.V.SUBBURAM	Professor , Mechanical	Member	Paavai Engineering College
34.	Mr.R.THAMARAISELVAN	Placement & Training Officer	Member	Paavai Engineering College
35.	Mr. N. SANTHANARAJA	Director Physical Edu.	Member	Paavai Engineering College

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PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, NAMAKKAL Dis

Member Absent

S. No.	Name	Designation	Position in the Committee	College/University/ Industry
1	Dr.R.SARAVANAN	Professor	University Nominee	Department of Mechanical Engineering, CEG Campus, Anna University

The eighth Academic Council Meeting of Paavai Engineering College was held on 28.04.2022 at 10:30 a.m. in the Cute Hall through online mode to discuss the following agenda.

ITEM	CONTENT
1.	Welcome address

2.	Dean Academics Presentation on the academic matters related to the approval of three new programmes
	   a) B.E. Computer Science and Engineering (Internet of Things)
	   b) B.E. Computer Science and Engineering (Cyber Security)
	   c) B.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning)

3.	Chairman of Board of Studies presentation on the Suggestions of their respective BOS meetings.
4.	Vote of Thanks

ITEM 01: WELCOMEADDRESS

Dr.M.Premkumar,Principal,welcomed all the members for the eighth Academic Council meeting. The Chairman of the Academic Council introduced the members.

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ITEM 02:DEAN ACADEMICS PRESENTATION

Dr.K.Sundaramurthy, Dean Academics presented the details of the academic matters related to approval of three new programmes for the academic year 2022-2023 under Regulations 2019 (CBCS). The Dean Academics gave an overview on the Regulations 2019 (CBCS).

ITEM 03: BOARD OF STUDIES CHAIRMAN's PRESENTATION

The Board of Studies for the departments of B.E. Computer Science and Engineering (Internet of Things), B.E. Computer Science and Engineering (Cyber Security) and B.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning) were conducted through online mode on 28-04-2022. The Chairman of the Board of Studies of the department concern presented the Curriculum and syllabi and the suggestions given by the Board of Studies for further approval.

The suggestions and the implementations are given as **annexure I.**

The Academic Council resolved to approve the same

ITEM 04: SUGGESTIONS BY ACADEMIC COUNCIL MEMBERS
  ➤   Follow AICTE credit distribution
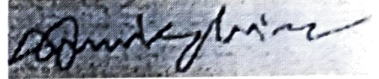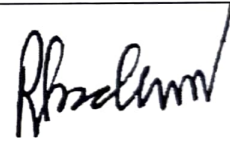
ITEM 05: VOTE OF THANKS

Dr.K.Sundaramurthy, Dean Academics, thanked all the members of the Academic council for their valuable suggestions and constructive contribution.

PRINCIPAL
PAAVAI ENGINEERING COLLEGE
PACHAL Post, NAMAKKAL Dist

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Member's e-Signature:

S. No.	Name	Position in the Committee	Signature
1	Dr.M.PREMKUMAR	Chairman	
2	Dr.S. THANIGAIARASU	University Nominee	
3	DR.T. SHRIMATHY VENKTALAKSHMI	University Nominee	
4	Dr. N.ALAGUMURTHI	Academic Expert	
5	Mr. R.SUNDARAM	Industry Expert	
6	Dr .R.LATHA	Expert - Medicine	
7	Mr. K.PALANIVEL	Expert - Commerce	

PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, NAMAKKAL Dist

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

8TH ACADEMIC COUNCIL MEETING

Date and Time: 28-04-2022 & 10.30 a.m.

ANNEXURE 1

PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML)
MINUTES OF THE FIRST BOARD OF STUDIES MEETING
(ONLINE MODE)
DATE & TIME: 27.04.2022 & 8.30 a.m.

Dr.D.Banumathy, Chairman / BOS, welcomed all the external and internal members to the 1st Board of Studies meeting of BE CSE (AI & ML).

MEMBERS PRESENT

S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY
1	Dr.D.Banumathy, Professor & Head	Chairman	Paavai Engineering College
2	Dr.H.Khanna Nehemiah Professor	University Nominee	Anna University, Chennai
3	Dr.T.Thenmozhi Associate Professor	Academic Expert	Vellore Institute of Technology, Vellore
4	Dr.T.Senthil Kumar Associate Professor	Academic Expert	Amirtha School of Engineering, Coimbatore
5	Mr.S.Sathish Kumar Consultant	Industry Expert	HCL Technologies, Chennai
6	Mr.R.Dinesh Kumar HR - Executive	Alumni	Fujitsu General India Pvt Ltd, Chennai
7	Dr. N.Magendiran Professor	Members	Paavai Engineering College
8	Dr. S.Balu Professor		
9	Dr. V.Priya Professor		
10	N.M.K. Ramalingam Associate Professor		
11	Mrs.P.Renuka Devi Associate Professor		
12	Mrs.J.Velumani Associate Professor		
13	Mr.M.Siva Ganesh Associate Professor		

AGENDA

- B.E., CSE(AI & ML), Computer Science and Engineering with specialization of Artificial Intelligence and Machine Learning Passing of the following details:
    - Curriculum for the students admitted in the academic year 2022-2023 of Regulations-2019(CBCS)
        - ✓ Syllabi of 1st and 2nd semester UG.

Suggestions by expert members:

- CL22301- Clean Coding Devops, expert members suggested to remove the course and to add the Object-Oriented Programming course in III semester.
- Experts suggested to replace the CL22304-Artificial Intelligence Laboratory into Object Oriented Programming Laboratory.
- For CL22401-Introduction to Machine Learning is to be renamed as Machine Learning in IV Semester.
- For CL22403 Database Management System course, it is suggested to reframe as Database Management System for AI.
- The Committee members suggested to replace the CL22404-Graph Theory into Python Programming.
- For CL22405 Operating System course, it is suggested to reframe as Operating Systems Design.
- For CL22407-Design Thinking Laboratory course, it is suggested to change the title as Python Programming Laboratory.
- BoS Members recommended to add Operating System Laboratory in Semester IV.
- The committee members suggest to replace the CL22502-Microprocessor and Microcontrollers into Foundation of data analysis in V Semester.
- For CL22504-Object Oriented Analysis and Design course, it is suggested to replace the Software Engineering Principles.
- BoS members suggested to replace the CL22505-Predictive modeling course into Design of AI Products in V Semester.
- For CL22508-Microprocessor and Microcontrollers Laboratory, it is suggested to rename as Design of AI products Lab.
- The committee suggest to replace CL22601-Theory of Computation as AI & IOT.
- For CL22602-Data Analytics renamed as Artificial Intelligence and Data Analytics in VI Semester.
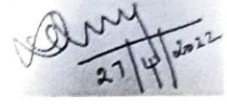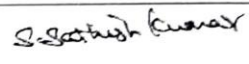- CL22603-Natural Language Processing course, it is suggested to renamed as Robotics in VI Semester.
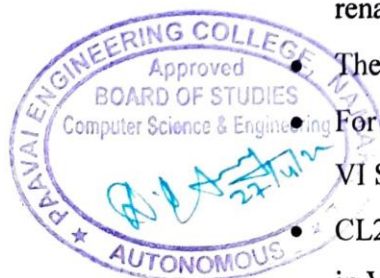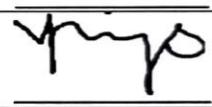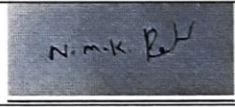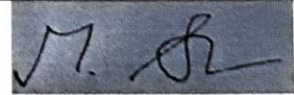
- The BOS Members recommended to change the course title Artificial Intelligence Analyst as Neural Network and Machine learning in VI Semester.
- For CL22607-Natural Language Processing Lab is suggested to replaced as Robotics Lab in VI semester.
- For CL22701-Cloud Computing is suggested to renamed as Soft Computing and its applications.
- Remove the course CL22702 Data Visualization and experts suggested to add new course as Web Programming for AI.
- For CL22707-Cloud Computing Laboratory to renamed as Web Programming.
- Bos Members suggested to remove the course CL22708-Data Visualization Laboratory and add Soft Computing Laboratory.
- The committee members suggested to replace the course CL22354- Introduction to Robotics into Nature Inspired Computing Techniques in Professional Elective-I
- The committee members suggested to change the course title CL22651-Soft Computing in Medical Diagnostics into Statistical Machine Learning.
- All professional elective should be related to AI & ML, suggested out of 4 electives at least 3 electives should be related to AI & ML.
- Technical Paper Writing course is to introduced and made mandatory for 3rd year students that should be added as one credit course.

The above suggestions were given by the members and approved the syllabi for the 1st and 2nd semester UG of 2022-2023 of Regulations-2019(CBCS).

The suggestions given by the members were implemented in the curriculum.

Approved
BOARD OF STUDIES
Computer Science & Engineering

MEMBERS E SIGNATURE

S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY	SIGNATURE
1	Dr.D.Banumathy, Professor & Head	Chairman	Paavai Engineering College	
2	Dr.H.Khanna Nehemiah Professor	University Nominee	Anna University, Chennai	
3	Dr.T.Thenmozhi Associate Professor	Academic Expert	Vellore Institute of Technology, Vellore	
4	Dr.T.Senthil Kumar Associate Professor	Academic Expert	Amirtha School of Engineering, Coimbatore	
5	Mr.S.Sathish Kumar Consultant	Industry Expert	HCL Technologies, Chennai	
6	Mr.R.Dinesh Kumar HR - Executive	Alumni	Fujitsu General India Pvt Ltd, Chennai	
7	Dr. N.Magendiran Professor	Members	Paavai Engineering College	
8	Dr. S.Balu Professor			
9	Dr. V.Priya Professor			
10	N.M.K. Ramalingam Associate Professor			
11	Mrs.P.Renuka Devi Associate Professor			
12	Mrs.J.Velumani Associate Professor			
13	Mr.M.Siva Ganesh Associate Professor			

PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)
MINUTES OF THE FIRST BOARD OF STUDIES MEETING
(ONLINE MODE)
DATE & TIME: 27.04.2022 & 8.30 a.m.

Dr.D.Banumathy, Chairman / BOS, welcomed all the external and internal members to the 1st Board of Studies meeting of B.E. CSE (CYBER SECURITY).

MEMBERS PRESENT

S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY
1	Dr.D.Banumathy, Professor & Head	Chairman	Paavai Engineering College
2	Dr.H.Khanna Nehemiah Professor	University Nominee	Anna University, Chennai
3	Dr.T.Thenmozhi Associate Professor	Academic Expert	Vellore Institute of Technology, Vellore
4	Dr.T.Senthil Kumar Associate Professor	Academic Expert	Amirtha School of Engineering, Coimbatore
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9	Dr. V.Priya Professor		
10	N.M.K. Ramalingam Associate Professor		
11	Mrs.P.Renuka Devi Associate Professor		
12	Mrs.J.Velumani Associate Professor		
13	Mr.M.Siva Ganesh Associate Professor		

AGENDA

- B.E., CSE(Cyber Security), Computer Science and Engineering with specialization of Cyber Security Passing of the following details:
  - o Curriculum for the students admitted in the academic year 2022-2023 of Regulations-2019(CBCS)
    - ✓ Syllabi of 1st and 2nd semester UG.
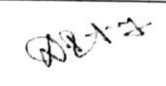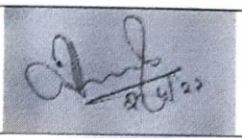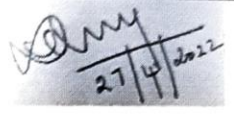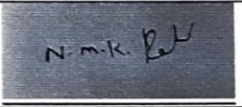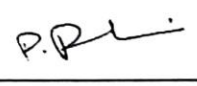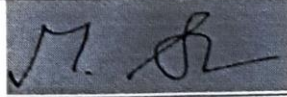
Suggestions by expert members:
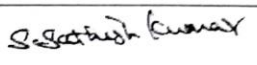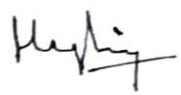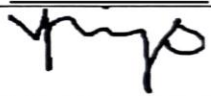
- For CC20302-Inrtoduction to Cyberspace Operations and Design is to be renamed as Introduction to Cyberspace Operations.
- CC20505-Database Security, it is suggested to push forward to VI semester from V semester.
- CC20603-Network Security, committee insisted to place in V from VI semester
- CC20802-Secure Software Engineering, expert insisted to rename as Software Engineering and move the course from VIII Semester to VI semester.
- All Professional Electives should be related to cyber security and suggested out of 4 electives at least 3 electives should be related to cyber security.
- Experts suggested to remove CC20452-Secure Software Development Life Cycle and to add the CC20452- Social Media Networks Course in Professional Elective IV.
- CC20553-Biometrics and Security, it is suggested to replace as Cloud Computing course in Professional Elective V.
- The Committee members suggest to remove CC20552-Reverse Engineering course and replace the course as IT Security Engineering.
- BoS members Suggested to add CC20651-5G Wireless Communication Technique, CC20652-Information Assurance and Security, CC20653-Distrubuted System Security, CC20654-Smart Device Security in Professional Elective VI.
- Technical Paper Writing course is mandatory for 3rd year students that should be added as one credit course.

The above suggestions were given by the members and approved the syllabi for the 1st and 2nd semester UG of 2022-2023 of Regulations-2019(CBCS).

The suggestions given by the members were implemented in the curriculum.

MEMBERS E SIGNATURE

S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY	SIGNATURE
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13	Mr.M.Siva Ganesh Associate Professor			

PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (Internet of Things)
MINUTES OF THE FIRST BOARD OF STUDIES MEETING
(ONLINE MODE)
DATE & TIME: 27.04.2022 & 8.30 a.m.

Dr.D.Banumathy, Chairman / BOS, welcomed all the external and internal members to the 1st Board of Studies meeting of B.E. CSE (Internet of Things).

MEMBERS PRESENT

| S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY
1	Dr.D.Banumathy, Professor & Head	Chairman	Paavai Engineering College
2	Dr.H.Khanna Nehemiah Professor	University Nominee	Anna University, Chennai
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5	Mr.S.Sathish Kumar Consultant	Industry Expert	HCL Technologies, Chennai
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11	Mrs.P.Renuka Devi Associate Professor		
12	Mrs.J.Velumani Associate Professor		
13	Mr.M.Siva Ganesh Associate Professor		

AGENDA

- B.E., CSE(IoT), Computer Science and Engineering with specialization of Internet of Things Passing of the following details:
  - o Curriculum for the students admitted in the academic year 2022-2023 of Regulations-2019(CBCS)
    - ✓ Syllabi of 1st and 2nd semester UG.

Suggestions by expert members:

- The Committee suggested to increase the number of IoT Core courses.
- Experts suggested to remove CI20302-Cryptographic Fundamentals and to add Embedded with IoT.
- CI20303-Computer Networks, it is suggested to rename as Computer Architecture.
- For CI20305-Computer Networks Laboratory is to be renamed as Embedded Systems Laboratory in III Semester.
- The Committee members suggested to replace the CI20409-Computer Architecture, Microprocessors and Microcontrollers course into Computer Networks in IV Semester.
- Experts suggested to remove the CI20402 Database Management Systems and add to Software Engineering in IV Semester.
- The committee suggest to replace the CI20404 Bio Information course into Microprocessor and Microcontroller in IV Semester.
- For CI20405 -Internet of Things Laboratory as replaced to Computer network laboratory in Semester IV.
- BoS Members suggested to remove the CI20501 Optimization Techniques and add to Design and Analysis of Algorithm.
- CI20502- Theory of Computation, it is suggested to remove the course in V Semester and it has been advised to add IOT and its application course.
- CI20504 Design and Analysis of Algorithms as replaced to Database Management Systems in Semester V.
- CI20505 Machine Learning course, it is suggested to rename as Machine Learning for IoT.
- The Committee Members suggested to remove the CI20507 Design and Analysis of Algorithms Laboratory and to introduce the Database Management Laboratory in Semester V.
- It is suggested to remove the CI20603 Object Oriented Analysis and Design course and to add the Computer Vision and IoT in Semester VI.
- BoS members suggested to remove CI20701 Deep Learning course and add to IoT Security in Semester VII.
- The Committee suggested to replace CI20702 Deep Learning Laboratory into IOT Security Laboratory.
- CI20701 Deep Learning is available in elective, now it has been advised to be the core paper.
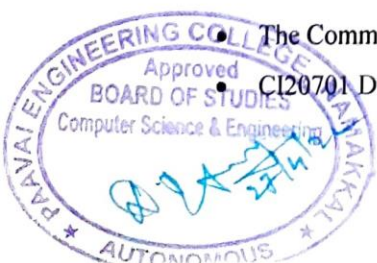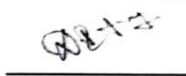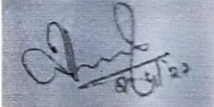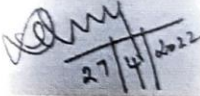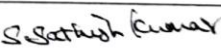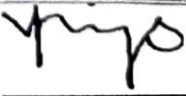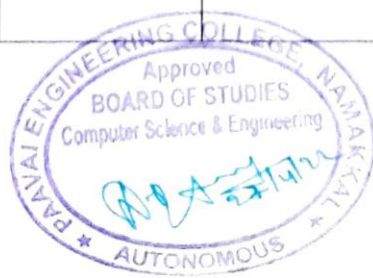
- Bos members suggested to add CI20651-Optimization Techniques, CI20652-Android Application with IoT, CI20653-Deep Learning with IoT, CI20654-Software Testing as core courses.
- All Professional Elective should be related to IoT, suggested out of 4 electives atleast 3 elective should be related to IoT.
- For IoT laboratory classes, specialized labs are recommended.
- Technical Paper Writing course is mandatory for 3rd year students that should be added as one credit course in the curriculum.

The above suggestions were given by the members and approved the syllabi for the 1st and 2nd semester UG of 2022-2023 of Regulations-2019(CBCS).
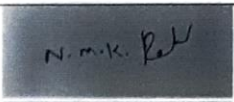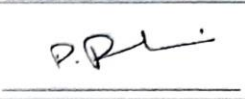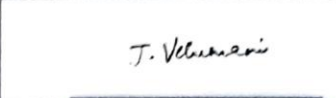
The suggestions given by the members were implemented in the curriculum.

MEMBERS E SIGNATURE

S.NO.	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY	SIGNATURE
1	Dr.D.Banumathy, Professor & Head	Chairman	Paavai Engineering College	
2	Dr.H.Khanna Nehemiah Professor	University Nominee	Anna University, Chennai	
3	Dr.T.Thenmozhi Associate Professor	Academic Expert	Vellore Institute of Technology, Vellore	
4	Dr.T.Senthil Kumar Associate Professor	Academic Expert	Amirtha School of Engineering, Coimbatore	
5	Mr.S.Sathish Kumar Consultant	Industry Expert	HCL Technologies, Chennai	S.Sathish Kumar
6	Mr.R.Dinesh Kumar HR - Executive	Alumni	Fujitsu General India Pvt Ltd, Chennai	
7	Dr. N.Magendiran Professor	Members	Paavai Engineering College	
8	Dr. S.Balu Professor			
9	Dr. V.Priya Professor			

10	N.M.K. Ramalingam Associate Professor			N. m.k. Ral
11	Mrs.P.Renuka Devi Associate Professor			P. P
12	Mrs.J.Velumani Associate Professor			J. Velumani
13	Mr.M.Siva Ganesh Associate Professor			M. SL