

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30.08.2025

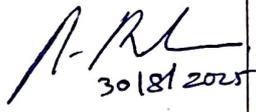
Minutes of Meeting – Board of Studies

The Tenth meeting of Board of Studies (BOS) to the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 Saturday FN at 10.30 AM in the Board Room.

The following are the agenda of the meeting.

1. B.E CSE & B.TECH AI&DS Passing of 7th Semester Syllabus under Regulation 2024.
2. B.E CSE & B.TECH AI&DS Passing of Elective Verticals under Regulation 2024.
3. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor & Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	 30/8/2025
3.	External Expert Member – I Dr.S. Anto, Associate Professor, School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online



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Coimbatore-641032
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Department of Computer Science and Engineering

Minutes of Meeting – Board of Studies

Date: 30.08.2025

The Tenth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 through hybrid mode at 10.30 AM in the Board Room.

Venue: Board Room

Chair Person: Dr. Jameer Basha

Agenda:

1. Chairperson of BOS welcomed the BOS members.
2. Review of curriculum structure and syllabi.
3. Incorporation of case studies and industry-relevant content.
4. Enhancements in laboratory experiments and tools.
5. Introduction of advanced topics in emerging areas.
6. Review of assessment components and evaluation methods.
7. Suggestions for strengthening practical exposure.
8. Finalization of revisions in line with BOS recommendations.

Minutes of Meeting:

The meeting started at 10.30 a.m. The BOS members gave the following suggestions.

1. Dr. Rekha recommended minimizing Linear Algebra content and introducing more case studies in 24AD501 – Recommender Systems.
2. Dr. Rekha advised emphasizing Deep Learning algorithms and removing feature extraction topics in 24AD502 – Neural Networks and Deep Learning.
3. Mr. Prabhakaran suggested including practical sessions using R or Python in 24AD504 – Business Analytics.
4. Mr. Anto recommended adding Non-linear Programming, Constrained Optimization, Convex Hull, and related lab experiments in 24AD506 – Optimization Techniques.
5. Mr. Anto proposed the inclusion of Fuzzy Logic and Temporal Logic, and Dr. Rekha suggested Reinforcement Realization in 24AD507 – Knowledge Engineering.

6. Mr. Prabhakaran advised replacing Experiments 1 & 7 with tasks on creating a basic login and landing page in 24CS501 – Mobile Application Development.
7. Mr. Prabhakaran recommended introducing a Scrum-based testing framework in 24CS504 – Software Testing & Automation.
8. Mr. Prakash suggested replacing the Wireshark experiment with a Metasploit-based lab activity in 24CS505 – Web Application Security.
9. BOS members suggested adding SDN frameworks, case studies from Google/Meta data centers, and replacing Prefix Sum with the Moticab approach in 24CS512 – Software Defined Networks.
10. Mr. Prabhakaran recommended adding a forensic lab experiment in 24CS518 – Digital and Mobile Forensics.
11. Dr. Rekha proposed incorporating case studies and real-time applications in Units III & IV of 24CS519 – Social Network Security.
12. Dr. Rekha suggested adding an assessment component on Blockchain Technology in 24CS521 – Cryptocurrency & Blockchain Technology.


BOS Chairperson.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30.08.2025

Action Taken Report

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 through hybrid mode at 10.30 AM in the Board Room.

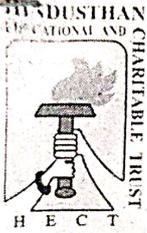
Based on the suggestions provided by the BOS members necessary modifications have been incorporated in the Curriculum and Syllabi.

Subject Code & Name	BOS Member Suggestions	Action Taken
24AD501 RECOMMENDER SYSTEMS	Dr. Rekha suggested reducing Linear Algebra concepts and adding more case studies in Unit I.	The Linear Algebra content in Unit I was reduced, retaining only the essential matrix operations. Relevant case studies such as MovieLens, Netflix, and Spotify were included.
24AD502 NEURAL NETWORKS AND DEEP LEARNING	Dr. Rekha suggested more focus on Deep Learning algorithms and removing feature extraction.	Feature extraction was removed, and additional focus was given to Deep Learning algorithms such as RNN, LSTM, Autoencoders, Representation Learning, and Transfer Learning.
24AD504 BUSINESS ANALYTICS	Mr. Prabhakaran suggested implementing programs using R or Python.	Practical sessions were updated to include program implementation using R and Python.
24AD506 OPTIMIZATION TECHNIQUES	Mr. Anto suggested adding non-linear topics, constrained optimization, convex hull topics, and lab experiments.	Unit II was updated with Non-linear Programming, Constrained Optimization techniques (Lagrangian method, KKT conditions), and Convex Hull concepts. Related lab experiments using R/Python were also included.
24AD507 KNOWLEDGE ENGINEERING	Mr. Anto suggested Fuzzy Logic and Temporal Logic. Dr. Rekha suggested Reinforcement Realization.	Fuzzy Logic and Temporal Logic were introduced in Unit I, and Reinforcement Learning with Reinforcement Realization was incorporated in Unit V.

24CS501 MOBILE APPLICATION DEVELOPMENT	Mr. Prabhakaran suggested removing Experiments 1 & 7, replacing with basic login/landing page creation.	The lab syllabus was modified, and experiments were replaced with the implementation of a basic login and landing page.
24CS504 SOFTWARE TESTING & AUTOMATION	Mr. Prabhakaran suggested adding framework based on Scrum design.	A Scrum-based testing framework was introduced in the syllabus.
24CS505 WEB APPLICATION SECURITY	Mr. Prakash suggested replacing Wireshark experiment with Metasploit.	The Wireshark experiment was replaced with a Metasploit-based lab for penetration testing.
24CS512 SOFTWARE DEFINED NETWORKS	Suggestions were made to add an SDN framework, case studies (Google/Meta data centers), and to include Moticab instead of Prefix Sum.	Case studies of Google and Meta data centers were added in Unit III. The Moticab approach for SDN resource optimization was included in Unit IV, along with additional SDN frameworks (ONOS, RYU, Tungsten Fabric) in Unit V.
24CS518 DIGITAL AND MOBILE FORENSICS	Mr. Prabhakaran suggested adding forensics lab experiment.	A forensic lab experiment using Autopsy/Sleuth Kit was added, requiring preparation of a forensic analysis report.
24CS519 SOCIAL NETWORK SECURITY	Dr. Rekha suggested adding use case studies & real-time applications in Units III & IV.	Unit III was updated with case studies on community detection in Facebook/Twitter and LinkedIn. Unit IV included applications such as human behavior prediction in e-commerce and trust management in online banking/UPI apps.
24CS521 CRYPTOCURRENCY & BLOCKCHAIN TECHNOLOGY	Dr. Rekha suggested adding assessment component in Blockchain Technology.	An assessment component on Blockchain Technology was introduced.

These suggestions have been reviewed and incorporated appropriately into the curriculum to ensure industry relevance and enhance students' practical exposure.


BOS Chairperson.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 14.03.2025

Minutes of the Ninth Board of Studies Meeting

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 14.03.24 through online mode (GoogleMeet) at 10.30 AM (IST) in the Board Room.

Agenda of the meeting:

1. To discuss and finalize the curriculum for the 3rd, 4th, 5th and 6th Semester Core of B.E-CSE/B.Tech-AI&DS R-2024 (Autonomous) Regulations.
2. To discuss and finalize the Syllabus proposed for the 3rd, 4th, 5th and 6th Semester Core of B.E-CSE/B.Tech-AI&DS R-2024 (Autonomous) Regulations.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Online
3.	External Expert Member – I Dr.M.Kowsigan Associate Professor, Department of Computing Technologies,School of Computing SRM Institute of Science and Technology Chengalpattu-603203.	Online
4.	External Expert Member – II Dr.S.Anto Associate Professor, School of CSE, Vellore Institute of Technology, Vellore.	Online
	Industrial Expert(AIDS) Sahana Kumaraswamy, Principal Consultant- Learning, Infosys Ltd, Mangalore	Online

5.	Industrial Expert(CSE) Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online
8.	Dr.S.Ramasamy, Associate Professor	
9.	Mr.Murugan.K, Associate Professor	
10.	Ms.P.Jeevitha, Assistant Professor	
11.	Ms.M.Banupriya, Assistant Professor	
12.	Mr.P.Suresh Kumar, Assistant Professor	
13.	Dr.R.Senthil Kumar, Assistant Professor	
14.	Ms.R:T. Subhalakshmi, Assistant Professor	
15.	Ms.D.Suganthi, Assistant Professor	

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore – 641032

The deliberations and Suggestions of Board of Studies Members:

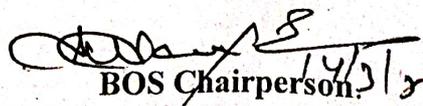
Subject Code & Name	BOS Member Suggestions
24CS404/Operating System	Dr. R. Rekha suggested incorporating security concepts in the Operating Systems syllabus. Additionally, she recommended including OS support measures, such as performance optimization for GPUs.
24AD406/Deep Learning	Dr. R. Rekha observed that Unit 5 was overloaded and that the allocated 9 hours were insufficient to cover all the topics. She suggested reducing the content. She also recommended including a Mini Project as part of the lab experiments.

24CS403/Analysis of Algorithms	Dr. S. Anto suggested including specific applications of the Brute Force approach in the syllabus.
24AD408/Data information security	Dr. S. Anto recommended placing greater emphasis on ethical issues given in the curriculum.
General Comments	<ul style="list-style-type: none"> • Mr. Prabhakaran V.M., an Industry Expert, recommended incorporating three trendy platforms: <ul style="list-style-type: none"> ✓ AICrowd for solving AI challenges ✓ ZINDI for communication-based projects ✓ Neural PI for Generative AI (GENAI)
	<ul style="list-style-type: none"> • Ms. Sahana Kumaraswamy, an Industrial Expert, suggested focusing on group activities and problem-solving practice rather than assigning written assignments to students.

The following points were discussed in the BOS Meeting:

- The Chairperson welcomed and introduced the external members.
- The Chairperson provided an overview of the Institution, the Department, the Regulations, and the Curriculum and Syllabi of Regulation 2024.
- Curriculum and syllabus feedback were collected from subject experts and industry professionals for various subjects. Their suggestions will be incorporated into the syllabus, and the Chairperson presented the updates.
- The **Regulation 2024 B.E. CSE** curriculum and the syllabi for the **3rd, 4th, 5th, and 6th semesters (Core subjects)** were presented.
- The **Regulation 2024 B.Tech.AI&DS** curriculum and the syllabi for the **3rd, 4th, 5th, and 6th semesters (Core subjects)** were also presented.
- Finally, the discussion covered the inclusion of an **Infosys Springboard mapping subject** in the curriculum.

The Chairperson of BOS concluded the meeting by thanking the BOS members for their valuable suggestions to enhance the curriculum and syllabi.


 BOS Chairperson

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 14.03.2025

Action Taken Report

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 14.03.24 through online mode (GoogleMeet) at 10.30 AM (IST) in the Board Room.

Based on the suggestions provided by the BOS members necessary modifications have been incorporated in the Curriculum and Syllabi.

Subject Code & Name	BOS Member Suggestions	Action Taken
24CS404/Operating System	Dr. R. Rekha suggested incorporating security concepts in the Operating Systems syllabus. Additionally, she recommended including OS support measures, such as performance optimization for GPUs.	Kernel memory allocation and security mechanisms have been added to Unit 3 .
24AD406/Deep Learning	Dr. R. Rekha observed that Unit 5 was overloaded and that the allocated 9 hours were insufficient to cover all the topics. She suggested reducing the content. She also recommended including a Mini Project as part of the lab experiments.	Three topics have been removed from Unit 5 , and a Mini Project has been included in the lab experiment.
24CS403/Analysis of Algorithms	Dr. S. Anto suggested including specific applications of the Brute Force approach in the syllabus.	String Matching applications have been incorporated into the Brute Force approach.
24AD408/Data information security	Dr. S. Anto recommended placing greater emphasis on ethical issues given in the curriculum.	A new Topic: Professional Responsibility in Society: Impacting Lives through Ethical Practices has been added to Unit 2 .

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 22.08.2024

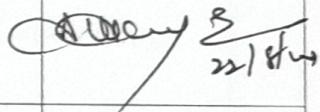
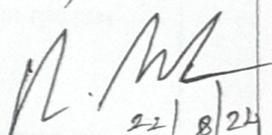
Minutes of Meeting – Board of Studies

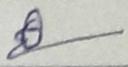
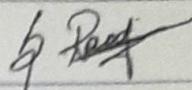
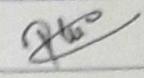
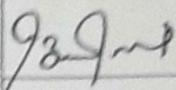
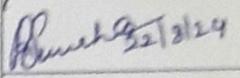
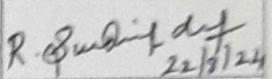
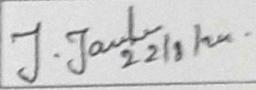
The Eighth meeting of Board of Studies (BOS) to the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 22.08.24 Thursday FN at 10.30 AM in the Board Room.

The following are the agenda of the meeting.

1. Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi
2. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	 22/8/24
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	 22/8/24
3.	External Expert Member – I Dr.S. Anto, Associate Professor,School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online

7.	Dr.M.Chitra, Professor	Faculty of Computer Science and Engineering Department	
8.	Dr.S.Ramasamy, Associate Professor		
9.	Mr.Murugan.K, Associate Professor		
10.	Ms.P.Jeevitha, Assistant Professor		
11.	Ms.M.Banupriya, Assistant Professor		
12.	Mr.P.Suresh Kumar, Assistant Professor		
13.	Dr.R.Senthil Kumar, Assistant Professor		
14.	Ms.R.T. Subhalakshmi, Assistant Professor		
15.	Ms. Tamizharasu S , Assistant Professor		

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore – 641032

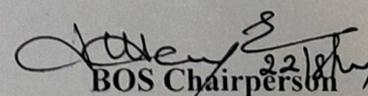
The following points were the discussed in the BOS Meeting:

1. Chairperson of BOS welcomed the BOS members.
2. The chairperson gave a glimpse of Institution, Department and Regulations, Curriculum of R2022 and R2022 to the University Nominee.
3. Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi was Presented .

Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi.

Subject	BOS Member Suggestions	Action Taken
24PCS08 Advanced Databases	Mr. Prabhakaran V.M, Industry Expert suggested considering an alternative to MongoDB in the curriculum to expand students' exposure to different NoSQL database technologies	It is decided to implement CouchDB in addition to MongoDB for the current academic term.
24PCS09 Network and Information Security	Mr. Prabhakaran.V.M suggested to add Hash Algorithm and CRC Algorithms in Unit I	Hash and CRC Algorithms has been added to unit I as per Suggestions
24PCS10 Advanced Database System Laboratory	Dr. R. Rekha, University Nominee recommended assigning a mini project to students focusing on database technologies to enhance practical learning	Mini component is added as an assignment component to the subject
24PCS27 Social Network Analysis	Dr. R. Rekha suggests to implement tools for Network Analysis	Node XL and Graph Networks Analysis tool is added in the courseware
24PCS28 Generative AI	Dr. R. Rekha suggests to include Generative advisory and Auto Encoder, RNN Topics in Unit I. Mr.J.Prakash, suggested to move topics Vibrational Auto encoders – Generative Adversarial Networks to unit I	Syllabus reorganized accordingly
24PCS33/ Predictive Modelling	Dr. R. Rekha suggests focusing on recent topics and tools	Latest topics including Explainable and Interpretable ML, Causal Inference and Predictive Causality, Multi-Modal Data Fusion for Predictive Modeling and tools like LIME andELI5 are added in the syllabus
24PCS34/ GPU Computing	Mr. Prabhakaran V. M. suggested including more Graph Algorithms in Unit V	Graph algorithms including Parallel BFS, Graph Matching and Subgraph Isomorphism, Graph Neural Networks (GNNs) are added
24PCS21 Soft Computing Techniques	Dr.S. Anto Suggest to reduce some of topics in unit I	Evolutionary Algorithms which are less popular are removed

4. Meeting was concluded by the Chairperson by thanking the BOS members for their valuable suggestions for enhancing the curriculum and syllabi.


 BOS Chairperson

SEMESTER I

Sl. No.	Course Code	Course Title	Category	L	T	P	C
Theory							
1	24PMA02	Mathematical Foundations For Computing	FC	3	1	0	4
2	24PCS01	Advanced Algorithms and Data Structures	PCC	3	0	0	3
3	24PCS02	Principles of Programming Languages	PCC	3	0	0	3
4	24PCS03	Machine Learning Techniques	PCC	3	0	0	3
5	24PCSXX	Professional Elective – I	PEC	3	0	0	3
6	24PRM01	Research Methodology and IPR	RMC	3	0	0	3
Practical							
7	24PCS04	Advanced Data Structures Laboratory	PCC	0	0	4	2
8	24PCS05	Machine Learning Laboratory		0	0	4	2
Total :				18	1	8	23

SEMESTER II

Sl. No.	Course Code	Course Title	Category	L	T	P	C
1	24PCS06	High Performance Computing	PCC	3	0	0	3
2	24PCS07	Networking Technologies	PCC	3	0	0	3
3	24PCS08	Advanced Databases	PCC	3	0	0	3
4	24PCS09	Network and Information Security	PCC	3	0	0	3
5	24PCSXX	Professional Elective – II	PEC	3	0	0	3
6	24PCSXX	Professional Elective – III	PEC	3	0	0	3
7	24PCS10	Advanced Databases Laboratory	PCC	0	0	4	2
8	22PEE01	Term Paper Writing and Seminar	EEC	0	0	2	1
Total :				18	0	6	21



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

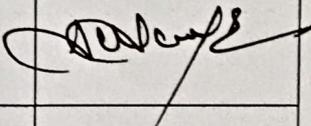
Date: 16.03.2024

Minutes of Meeting – Board of Studies

The Department of Computer Science and Engineering held its seventh Board of Studies (BOS) meeting on Saturday, March 16th, 2024 at 10:30 AM in the Board Room. The following were the agenda items discussed:

1. Approval of Electives for B.E. CSE under Regulation 2022.
2. Approval of Curriculum for B.E. CSE under R2024.
3. Approval of Syllabus for 1st and 2nd Semester subjects for B.E. CSE and First year common subject under Regulation 2024.
4. Approval of Curriculum for M.E. CSE under R2024.
5. Approval of Syllabus for 1st Semester Core and Elective subjects for M.E. CSE under Regulation 2024.
6. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Online
3.	External Expert Member – I Dr.S. Anto, Associate Professor, School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online

6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online
7.	Dr.M.Chitra, Professor	Faculty of Computer Science and Engineering Department
8.	Dr.S.Ramasamy, Associate Professor	
9.	Mr.Murugan.K, Associate Professor	
10.	Dr.N.B.Maheshkumar, Associate Professor	
11.	Ms.P.Jeevitha, Assistant Professor	
12.	Ms.M.Banupriya, Assistant Professor	
13.	Mr.P.Suresh Kumar, Assistant Professor	
14.	Dr.R.Senthil Kumar, Assistant Professor	
15.	Dr.D.Jayasutha, Assistant Professor	

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore - 641032

The BOS Chairperson welcomed all members during the meeting where the following agenda points were discussed.

I. Approval of Electives for B.E. CSE under Regulation 2022

1. The Chairperson introduced the Institution, Department, and Regulations, as well as the curriculum of documents R2022 and R2024 to the Members.
2. The syllabi for the UG (B.E.- Computer Science and Engineering) Elective Subjects under Vertical Streams "Cloud Computing and Data Centre Technologies", and "Cyber Security and Data Privacy", were presented.

Subject	BOS Member Suggestions	Action Taken
Vertical: Cloud Computing and Data Centre technologies - Data Warehousing	Mr. Prabhakaran.V.M, the industry expert, suggested including ETL-related topics in Unit I since they are relevant to the course.	Content related to ETL (Extract-Transform-Load) was introduced in Unit 1

Vertical: Cyber Security and Data Privacy 22CS526 ETHICAL HACKING	Dr. R. Rekha, the University Nominee, has suggested to add a lab component to the course	Based on the recommendation of the member the lab component was introduced. The credit for the subject has been updated from 3 0 0 3 to 2 0 2 3 (L T P C)
22CS532 NETWORK SECURITY	Dr. S. Anto, the Academic expert, suggested to include an introduction to the basic concepts of AES and DES in Unit I.	The basic concepts of AES and DES are introduced in Unit I

II. Approval of Curriculum Structure for B.E. CSE under R2024.

1. The curriculum for B.E. CSE under R2024 CSE was presented and approved by the members

III. Approval of Syllabus for 1st and 2nd Semester subjects for B.E. CSE and First-year common subject under Regulation 2024.

1. The syllabi of 1st and 2nd Second-semester subjects for B.E. CSE and the syllabus for common subject 24CS302 – Problem Solving and Python Programming offered by the CSE department under R2024 were presented

Semester	BOS Member Suggestions	Action Taken
II	Alumnus Member Mr. J. Prakash appreciated the provision of the C Language course in two semesters along with the concept of Data Structures in the second semester.	Noted

IV. Approval of Curriculum for M.E. CSE under R2024

1. The curriculum for M.E Computer Science and Engineering under R 2024 was presented

Semester	BOS Member Suggestions	Action Taken
II	Dr. R. Rekha proposed moving Soft Computing from core to elective group and Network Technologies from elective to Semester II core paper.	Understanding the importance
General	Dr. R. Rekha Suggested to introduce an elective course on 5G Communication	The elective course on 5 G Communication is added under 3 rd Semester Elective list

V. Approval of Syllabus for 1st Semester Core and Elective subjects for M.E. CSE under Regulation 2024

1. The syllabus for 1st Semester Core and Elective papers for M.E. Computer Science and Engineering under R 2024 was passed and the following suggestions were given;

Subject	BOS Member Suggestions	Action Taken
24PCS01 Advanced Algorithms and Data Structures	Dr.M.Kowsigan suggested changing the contents of Unit I as it was already covered in Under Graduate Programme.	The content was revised and new topics have been introduced.

VI. The Meeting was concluded by the Chairperson by thanking the BOS members for their valuable suggestions for enhancing the curriculum and syllabi.


BOS Chairperson
 Dr. A. JAMEER BASIA M.Tech., Ph.D.
 Professor and Head
 Department of Computer Science and Engineering
 Hindusthan Institute of Technology
 Othakkalmandapam Post,
 Coimbatore - 641 032.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30.08.2025

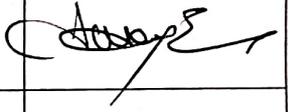
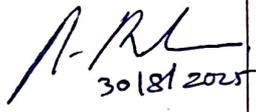
Minutes of Meeting – Board of Studies

The Tenth meeting of Board of Studies (BOS) to the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 Saturday FN at 10.30 AM in the Board Room.

The following are the agenda of the meeting.

1. B.E CSE & B.TECH AI&DS Passing of 7th Semester Syllabus under Regulation 2024.
2. B.E CSE & B.TECH AI&DS Passing of Elective Verticals under Regulation 2024.
3. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor & Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	 30/8/2025
3.	External Expert Member – I Dr.S. Anto, Associate Professor, School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online



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Department of Computer Science and Engineering

Minutes of Meeting – Board of Studies

Date: 30.08.2025

The Tenth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 through hybrid mode at 10.30 AM in the Board Room.

Venue: Board Room

Chair Person: Dr. Jameer Basha

Agenda:

1. Chairperson of BOS welcomed the BOS members.
2. Review of curriculum structure and syllabi.
3. Incorporation of case studies and industry-relevant content.
4. Enhancements in laboratory experiments and tools.
5. Introduction of advanced topics in emerging areas.
6. Review of assessment components and evaluation methods.
7. Suggestions for strengthening practical exposure.
8. Finalization of revisions in line with BOS recommendations.

Minutes of Meeting:

The meeting started at 10.30 a.m. The BOS members gave the following suggestions.

1. Dr. Rekha recommended minimizing Linear Algebra content and introducing more case studies in 24AD501 – Recommender Systems.
2. Dr. Rekha advised emphasizing Deep Learning algorithms and removing feature extraction topics in 24AD502 – Neural Networks and Deep Learning.
3. Mr. Prabhakaran suggested including practical sessions using R or Python in 24AD504 – Business Analytics.
4. Mr. Anto recommended adding Non-linear Programming, Constrained Optimization, Convex Hull, and related lab experiments in 24AD506 – Optimization Techniques.
5. Mr. Anto proposed the inclusion of Fuzzy Logic and Temporal Logic, and Dr. Rekha suggested Reinforcement Realization in 24AD507 – Knowledge Engineering.

6. Mr. Prabhakaran advised replacing Experiments 1 & 7 with tasks on creating a basic login and landing page in 24CS501 – Mobile Application Development.
7. Mr. Prabhakaran recommended introducing a Scrum-based testing framework in 24CS504 – Software Testing & Automation.
8. Mr. Prakash suggested replacing the Wireshark experiment with a Metasploit-based lab activity in 24CS505 – Web Application Security.
9. BOS members suggested adding SDN frameworks, case studies from Google/Meta data centers, and replacing Prefix Sum with the Moticab approach in 24CS512 – Software Defined Networks.
10. Mr. Prabhakaran recommended adding a forensic lab experiment in 24CS518 – Digital and Mobile Forensics.
11. Dr. Rekha proposed incorporating case studies and real-time applications in Units III & IV of 24CS519 – Social Network Security.
12. Dr. Rekha suggested adding an assessment component on Blockchain Technology in 24CS521 – Cryptocurrency & Blockchain Technology.


BOS Chairperson.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30.08.2025

Action Taken Report

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 30.08.25 through hybrid mode at 10.30 AM in the Board Room.

Based on the suggestions provided by the BOS members necessary modifications have been incorporated in the Curriculum and Syllabi.

Subject Code & Name	BOS Member Suggestions	Action Taken
24AD501 RECOMMENDER SYSTEMS	Dr. Rekha suggested reducing Linear Algebra concepts and adding more case studies in Unit I.	The Linear Algebra content in Unit I was reduced, retaining only the essential matrix operations. Relevant case studies such as MovieLens, Netflix, and Spotify were included.
24AD502 NEURAL NETWORKS AND DEEP LEARNING	Dr. Rekha suggested more focus on Deep Learning algorithms and removing feature extraction.	Feature extraction was removed, and additional focus was given to Deep Learning algorithms such as RNN, LSTM, Autoencoders, Representation Learning, and Transfer Learning.
24AD504 BUSINESS ANALYTICS	Mr. Prabhakaran suggested implementing programs using R or Python.	Practical sessions were updated to include program implementation using R and Python.
24AD506 OPTIMIZATION TECHNIQUES	Mr. Anto suggested adding non-linear topics, constrained optimization, convex hull topics, and lab experiments.	Unit II was updated with Non-linear Programming, Constrained Optimization techniques (Lagrangian method, KKT conditions), and Convex Hull concepts. Related lab experiments using R/Python were also included.
24AD507 KNOWLEDGE ENGINEERING	Mr. Anto suggested Fuzzy Logic and Temporal Logic. Dr. Rekha suggested Reinforcement Realization.	Fuzzy Logic and Temporal Logic were introduced in Unit I, and Reinforcement Learning with Reinforcement Realization was incorporated in Unit V.

24CS501 MOBILE APPLICATION DEVELOPMENT	Mr. Prabhakaran suggested removing Experiments 1 & 7, replacing with basic login/landing page creation.	The lab syllabus was modified, and experiments were replaced with the implementation of a basic login and landing page.
24CS504 SOFTWARE TESTING & AUTOMATION	Mr. Prabhakaran suggested adding framework based on Scrum design.	A Scrum-based testing framework was introduced in the syllabus.
24CS505 WEB APPLICATION SECURITY	Mr. Prakash suggested replacing Wireshark experiment with Metasploit.	The Wireshark experiment was replaced with a Metasploit-based lab for penetration testing.
24CS512 SOFTWARE DEFINED NETWORKS	Suggestions were made to add an SDN framework, case studies (Google/Meta data centers), and to include Moticab instead of Prefix Sum.	Case studies of Google and Meta data centers were added in Unit III. The Moticab approach for SDN resource optimization was included in Unit IV, along with additional SDN frameworks (ONOS, RYU, Tungsten Fabric) in Unit V.
24CS518 DIGITAL AND MOBILE FORENSICS	Mr. Prabhakaran suggested adding forensics lab experiment.	A forensic lab experiment using Autopsy/Sleuth Kit was added, requiring preparation of a forensic analysis report.
24CS519 SOCIAL NETWORK SECURITY	Dr. Rekha suggested adding use case studies & real-time applications in Units III & IV.	Unit III was updated with case studies on community detection in Facebook/Twitter and LinkedIn. Unit IV included applications such as human behavior prediction in e-commerce and trust management in online banking/UPI apps.
24CS521 CRYPTOCURRENCY & BLOCKCHAIN TECHNOLOGY	Dr. Rekha suggested adding assessment component in Blockchain Technology.	An assessment component on Blockchain Technology was introduced.

These suggestions have been reviewed and incorporated appropriately into the curriculum to ensure industry relevance and enhance students' practical exposure.


BOS Chairperson.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 14.03.2025

Minutes of the Ninth Board of Studies Meeting

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 14.03.24 through online mode (GoogleMeet) at 10.30 AM (IST) in the Board Room.

Agenda of the meeting:

1. To discuss and finalize the curriculum for the 3rd, 4th, 5th and 6th Semester Core of B.E-CSE/B.Tech-AI&DS R-2024 (Autonomous) Regulations.
2. To discuss and finalize the Syllabus proposed for the 3rd, 4th, 5th and 6th Semester Core of B.E-CSE/B.Tech-AI&DS R-2024 (Autonomous) Regulations.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor & Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Online
3.	External Expert Member – I Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu-603203.	Online
4.	External Expert Member – II Dr.S.Anto Associate Professor, School of CSE, Vellore Institute of Technology, Vellore.	Online
	Industrial Expert(AIDS) Sahana Kumaraswamy, Principal Consultant- Learning, Infosys Ltd, Mangalore	Online

5.	Industrial Expert(CSE) Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online
8.	Dr.S.Ramasamy, Associate Professor	
9.	Mr.Murugan.K, Associate Professor	
10.	Ms.P.Jeevitha, Assistant Professor	
11.	Ms.M.Banupriya, Assistant Professor	
12.	Mr.P.Suresh Kumar, Assistant Professor	
13.	Dr.R.Senthil Kumar, Assistant Professor	
14.	Ms.R:T. Subhalakshmi, Assistant Professor	
15.	Ms.D.Suganthi, Assistant Professor	

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore – 641032

The deliberations and Suggestions of Board of Studies Members:

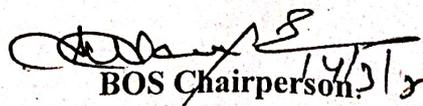
Subject Code & Name	BOS Member Suggestions
24CS404/Operating System	Dr. R. Rekha suggested incorporating security concepts in the Operating Systems syllabus. Additionally, she recommended including OS support measures, such as performance optimization for GPUs.
24AD406/Deep Learning	Dr. R. Rekha observed that Unit 5 was overloaded and that the allocated 9 hours were insufficient to cover all the topics. She suggested reducing the content. She also recommended including a Mini Project as part of the lab experiments.

24CS403/Analysis of Algorithms	Dr. S. Anto suggested including specific applications of the Brute Force approach in the syllabus.
24AD408/Data information security	Dr. S. Anto recommended placing greater emphasis on ethical issues given in the curriculum.
General Comments	<ul style="list-style-type: none"> • Mr. Prabhakaran V.M., an Industry Expert, recommended incorporating three trendy platforms: <ul style="list-style-type: none"> ✓ AICrowd for solving AI challenges ✓ ZINDI for communication-based projects ✓ Neural PI for Generative AI (GENAI)
	<ul style="list-style-type: none"> • Ms. Sahana Kumaraswamy, an Industrial Expert, suggested focusing on group activities and problem-solving practice rather than assigning written assignments to students.

The following points were discussed in the BOS Meeting:

- The Chairperson welcomed and introduced the external members.
- The Chairperson provided an overview of the Institution, the Department, the Regulations, and the Curriculum and Syllabi of Regulation 2024.
- Curriculum and syllabus feedback were collected from subject experts and industry professionals for various subjects. Their suggestions will be incorporated into the syllabus, and the Chairperson presented the updates.
- The **Regulation 2024 B.E. CSE** curriculum and the syllabi for the **3rd, 4th, 5th, and 6th semesters (Core subjects)** were presented.
- The **Regulation 2024 B.Tech.AI&DS** curriculum and the syllabi for the **3rd, 4th, 5th, and 6th semesters (Core subjects)** were also presented.
- Finally, the discussion covered the inclusion of an **Infosys Springboard mapping subject** in the curriculum.

The Chairperson of BOS concluded the meeting by thanking the BOS members for their valuable suggestions to enhance the curriculum and syllabi.


 BOS Chairperson

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 14.03.2025

Action Taken Report

The Ninth Board of Studies (BOS) meeting of the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 14.03.24 through online mode (GoogleMeet) at 10.30 AM (IST) in the Board Room.

Based on the suggestions provided by the BOS members necessary modifications have been incorporated in the Curriculum and Syllabi.

Subject Code & Name	BOS Member Suggestions	Action Taken
24CS404/Operating System	Dr. R. Rekha suggested incorporating security concepts in the Operating Systems syllabus. Additionally, she recommended including OS support measures, such as performance optimization for GPUs.	Kernel memory allocation and security mechanisms have been added to Unit 3 .
24AD406/Deep Learning	Dr. R. Rekha observed that Unit 5 was overloaded and that the allocated 9 hours were insufficient to cover all the topics. She suggested reducing the content. She also recommended including a Mini Project as part of the lab experiments.	Three topics have been removed from Unit 5 , and a Mini Project has been included in the lab experiment.
24CS403/Analysis of Algorithms	Dr. S. Anto suggested including specific applications of the Brute Force approach in the syllabus.	String Matching applications have been incorporated into the Brute Force approach.
24AD408/Data information security	Dr. S. Anto recommended placing greater emphasis on ethical issues given in the curriculum.	A new Topic: Professional Responsibility in Society: Impacting Lives through Ethical Practices has been added to Unit 2 .

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 22.08.2024

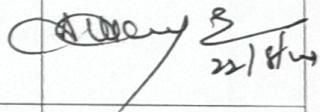
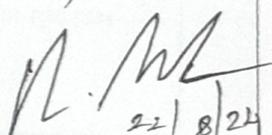
Minutes of Meeting – Board of Studies

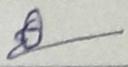
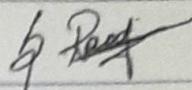
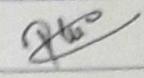
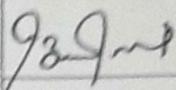
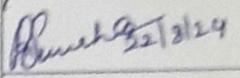
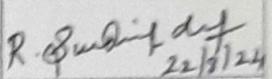
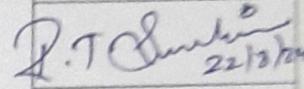
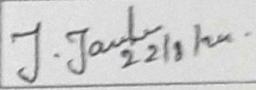
The Eighth meeting of Board of Studies (BOS) to the Department of Computer Science and Engineering and Artificial Intelligence and Data Science was conducted on 22.08.24 Thursday FN at 10.30 AM in the Board Room.

The following are the agenda of the meeting.

1. Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi
2. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	 22/8/24
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	 22/8/24
3.	External Expert Member – I Dr.S. Anto, Associate Professor,School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online
6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.	Online

7.	Dr.M.Chitra, Professor	Faculty of Computer Science and Engineering Department	
8.	Dr.S.Ramasamy, Associate Professor		
9.	Mr.Murugan.K, Associate Professor		
10.	Ms.P.Jeevitha, Assistant Professor		
11.	Ms.M.Banupriya, Assistant Professor		
12.	Mr.P.Suresh Kumar, Assistant Professor		
13.	Dr.R.Senthil Kumar, Assistant Professor		
14.	Ms.R.T. Subhalakshmi, Assistant Professor		
15.	Ms. Tamizharasu S , Assistant Professor		

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore – 641032

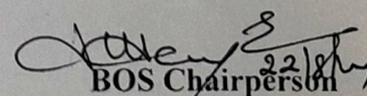
The following points were the discussed in the BOS Meeting:

1. Chairperson of BOS welcomed the BOS members.
2. The chairperson gave a glimpse of Institution, Department and Regulations, Curriculum of R2022 and R2022 to the University Nominee.
3. Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi was Presented .

Regulation 2024- M.E CSE curriculum and 2nd and 3rd Semester Core and Professional Elective Syllabi.

Subject	BOS Member Suggestions	Action Taken
24PCS08 Advanced Databases	Mr. Prabhakaran V.M, Industry Expert suggested considering an alternative to MongoDB in the curriculum to expand students' exposure to different NoSQL database technologies	It is decided to implement CouchDB in addition to MongoDB for the current academic term.
24PCS09 Network and Information Security	Mr. Prabhakaran.V.M suggested to add Hash Algorithm and CRC Algorithms in Unit I	Hash and CRC Algorithms has been added to unit I as per Suggestions
24PCS10 Advanced Database System Laboratory	Dr. R. Rekha, University Nominee recommended assigning a mini project to students focusing on database technologies to enhance practical learning	Mini component is added as an assignment component to the subject
24PCS27 Social Network Analysis	Dr. R. Rekha suggests to implement tools for Network Analysis	Node XL and Graph Networks Analysis tool is added in the courseware
24PCS28 Generative AI	Dr. R. Rekha suggests to include Generative advisory and Auto Encoder, RNN Topics in Unit I. Mr.J.Prakash, suggested to move topics Vibrational Auto encoders – Generative Adversarial Networks to unit I	Syllabus reorganized accordingly
24PCS33/ Predictive Modelling	Dr. R. Rekha suggests focusing on recent topics and tools	Latest topics including Explainable and Interpretable ML, Causal Inference and Predictive Causality, Multi-Modal Data Fusion for Predictive Modeling and tools like LIME and ELI5 are added in the syllabus
24PCS34/ GPU Computing	Mr. Prabhakaran V. M. suggested including more Graph Algorithms in Unit V	Graph algorithms including Parallel BFS, Graph Matching and Subgraph Isomorphism, Graph Neural Networks (GNNs) are added
24PCS21 Soft Computing Techniques	Dr.S. Anto Suggest to reduce some of topics in unit I	Evolutionary Algorithms which are less popular are removed

4. Meeting was concluded by the Chairperson by thanking the BOS members for their valuable suggestions for enhancing the curriculum and syllabi.


BOS Chairperson

SEMESTER I

Sl. No.	Course Code	Course Title	Category	L	T	P	C
Theory							
1	24PMA02	Mathematical Foundations For Computing	FC	3	1	0	4
2	24PCS01	Advanced Algorithms and Data Structures	PCC	3	0	0	3
3	24PCS02	Principles of Programming Languages	PCC	3	0	0	3
4	24PCS03	Machine Learning Techniques	PCC	3	0	0	3
5	24PCSXX	Professional Elective – I	PEC	3	0	0	3
6	24PRM01	Research Methodology and IPR	RMC	3	0	0	3
Practical							
7	24PCS04	Advanced Data Structures Laboratory	PCC	0	0	4	2
8	24PCS05	Machine Learning Laboratory		0	0	4	2
Total :				18	1	8	23

SEMESTER II

Sl. No.	Course Code	Course Title	Category	L	T	P	C
1	24PCS06	High Performance Computing	PCC	3	0	0	3
2	24PCS07	Networking Technologies	PCC	3	0	0	3
3	24PCS08	Advanced Databases	PCC	3	0	0	3
4	24PCS09	Network and Information Security	PCC	3	0	0	3
5	24PCSXX	Professional Elective – II	PEC	3	0	0	3
6	24PCSXX	Professional Elective – III	PEC	3	0	0	3
7	24PCS10	Advanced Databases Laboratory	PCC	0	0	4	2
8	22PEE01	Term Paper Writing and Seminar	EEC	0	0	2	1
Total :				18	0	6	21



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

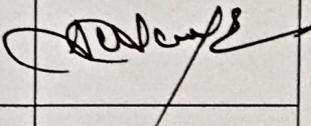
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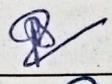
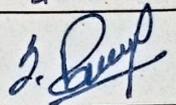
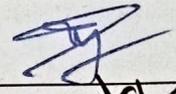
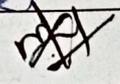
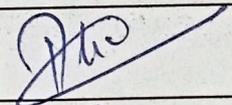
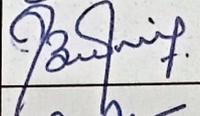
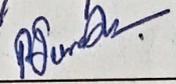
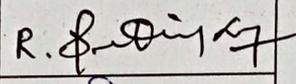
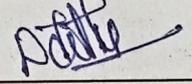
Minutes of Meeting – Board of Studies

The Department of Computer Science and Engineering held its seventh Board of Studies (BOS) meeting on Saturday, March 16th, 2024 at 10:30 AM in the Board Room. The following were the agenda items discussed:

1. Approval of Electives for B.E. CSE under Regulation 2022.
2. Approval of Curriculum for B.E. CSE under R2024.
3. Approval of Syllabus for 1st and 2nd Semester subjects for B.E. CSE and First year common subject under Regulation 2024.
4. Approval of Curriculum for M.E. CSE under R2024.
5. Approval of Syllabus for 1st Semester Core and Elective subjects for M.E. CSE under Regulation 2024.
6. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Online
3.	External Expert Member – I Dr.S. Anto, Associate Professor, School of Computer Science and Engineering, VIT, Vellore	Online
4.	External Expert Member – II Dr.M.Kowsigan Associate Professor, Department of Computing Technologies, School of Computing SRM Institute of Science and Technology Chengalpattu	Online
5.	Industry Expert Prabhakaran.V.M, Founder & CEO, Visaithalam Solutions, Karnan St, Coimbatore – 641 111	Online

6.	ALUMNUS Member Mr.J.Prakash, Assistant Professor, Department of Computer Science & Engineering, PSG College of Technology, Coimbatore.		Online
7.	Dr.M.Chitra, Professor	Faculty of Computer Science and Engineering Department	
8.	Dr.S.Ramasamy, Associate Professor		
9.	Mr.Murugan.K, Associate Professor		
10.	Dr.N.B.Maheshkumar, Associate Professor		
11.	Ms.P.Jeevitha, Assistant Professor		
12.	Ms.M.Banupriya, Assistant Professor		
13.	Mr.P.Suresh Kumar, Assistant Professor		
14.	Dr.R.Senthil Kumar, Assistant Professor		
15.	Dr.D.Jayasutha, Assistant Professor		

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore - 641032

The BOS Chairperson welcomed all members during the meeting where the following agenda points were discussed.

I. Approval of Electives for B.E. CSE under Regulation 2022

1. The Chairperson introduced the Institution, Department, and Regulations, as well as the curriculum of documents R2022 and R2024 to the Members.
2. The syllabi for the UG (B.E.- Computer Science and Engineering) Elective Subjects under Vertical Streams "Cloud Computing and Data Centre Technologies", and "Cyber Security and Data Privacy", were presented.

Subject	BOS Member Suggestions	Action Taken
Vertical: Cloud Computing and Data Centre technologies - Data Warehousing	Mr. Prabhakaran.V.M, the industry expert, suggested including ETL-related topics in Unit I since they are relevant to the course.	Content related to ETL (Extract-Transform-Load) was introduced in Unit 1

Vertical: Cyber Security and Data Privacy 22CS526 ETHICAL HACKING	Dr. R. Rekha, the University Nominee, has suggested to add a lab component to the course	Based on the recommendation of the member the lab component was introduced. The credit for the subject has been updated from 3 0 0 3 to 2 0 2 3 (L T P C)
22CS532 NETWORK SECURITY	Dr. S. Anto, the Academic expert, suggested to include an introduction to the basic concepts of AES and DES in Unit I.	The basic concepts of AES and DES are introduced in Unit I

II. Approval of Curriculum Structure for B.E. CSE under R2024.

1. The curriculum for B.E. CSE under R2024 CSE was presented and approved by the members

III. Approval of Syllabus for 1st and 2nd Semester subjects for B.E. CSE and First-year common subject under Regulation 2024.

1. The syllabi of 1st and 2nd Second-semester subjects for B.E. CSE and the syllabus for common subject 24CS302 – Problem Solving and Python Programming offered by the CSE department under R2024 were presented

Semester	BOS Member Suggestions	Action Taken
II	Alumnus Member Mr. J. Prakash appreciated the provision of the C Language course in two semesters along with the concept of Data Structures in the second semester.	Noted

IV. Approval of Curriculum for M.E. CSE under R2024

1. The curriculum for M.E Computer Science and Engineering under R 2024 was presented

Semester	BOS Member Suggestions	Action Taken
II	Dr. R. Rekha proposed moving Soft Computing from core to elective group and Network Technologies from elective to Semester II core paper.	Understanding the importance
General	Dr. R. Rekha Suggested to introduce an elective course on 5G Communication	The elective course on 5 G Communication is added under 3 rd Semester Elective list

V. Approval of Syllabus for 1st Semester Core and Elective subjects for M.E. CSE under Regulation 2024

1. The syllabus for 1st Semester Core and Elective papers for M.E. Computer Science and Engineering under R 2024 was passed and the following suggestions were given;

Subject	BOS Member Suggestions	Action Taken
24PCS01 Advanced Algorithms and Data Structures	Dr.M.Kowsigan suggested changing the contents of Unit I as it was already covered in Under Graduate Programme.	The content was revised and new topics have been introduced.

VI. The Meeting was concluded by the Chairperson by thanking the BOS members for their valuable suggestions for enhancing the curriculum and syllabi.


BOS Chairperson
 Dr. A. JAMEER BASIA M.Tech., Ph.D.
 Professor and Head
 Department of Computer Science and Engineering
 Hindusthan Institute of Technology
 Othakkalmandapam Post,
 Coimbatore - 641 032.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 9.09.2023

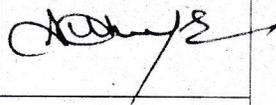
Minutes of Meeting – Board of Studies

The Sixth meeting of Board of Studies (BOS) to the Department of Computer Science and Engineering was conducted on 09.09.2023 Saturday FN at 10.30 AM in the Board Room.

The following are the agenda of the meeting.

1. Passing of Electives under Regulation 2020 for B.E. CSE.
2. Passing NPTEL Equivalent courses for elective subjects under Regulation 2020.
3. Curriculum and syllabus for 5th and 6th Semester under Regulation 2022 for B.E. CSE.
4. Passing Syllabus for Tamil subjects suggested by Anna University for Regulation 2022 for B.E CSE
5. Approval of list of subjects to be studied additionally/ exempted for debar cum readmitted students when the student is readmitted in different regulations.
6. Any other matters.

The following Board of Studies members were present in the meeting:

S.No.	BOS Members	Signature
1.	Chairperson – BOS Dr.Jameer Basha Professor &Head, Department of Computer Science and Engineering, Hindusthan Institute of Technology, Coimbatore	
2.	University Nominee Dr.R.Rekha Associate Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Online
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7.	Dr.M.Chitra, Professor	Faculty of Computer Science and Engineering Department
8.	Dr.S.Ramasamy, Associate Professor	
9.	Mr.Murugan.K, Associate Professor	
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11.	Ms.M.Banupriya, Assistant Professor	
12.	Mr.P.Suresh Kumar, Assistant Professor	
13.	Dr.R.Senthil Kumar, Assistant Professor	
14.	Ms.R.T. Subhalakshmi, Assistant Professor	
15.	Ms.R.Gnanakumari, Assistant Professor	

Special Invitees

S.No.	Details
1	Dr.C.Natarajan Principal, Hindusthan Institute of Technology, Coimbatore – 641032

The following points were the discussed in the BOS Meeting:

1. Chairperson of BOS welcomed the BOS members.
2. The chairperson gave a glimpse of Institution, Department and Regulations, Curriculum of R2020 and R2022 to the University Nominee.
3. Syllabi for UG (B.E.- Computer Science and Engineering) Elective Subject under the Vertical Data Science for R2020 were presented and following suggestion were provided by the members.

Subject	BOS Member Suggestions	Action Taken
Vertical: Data Science – 20CS520 Social Network Analysis	Mr. Prabhakaran.V.M has suggested to take the course with some practical sessions.	The subject credit is 3 0 0 3. Hence it is decided to make practical sessions as an assessment component.

4. The NPTEL Equivalent subjects have been identified for few elective subjects in Artificial Intelligence and Machine Learning Stream and Data Science Stream and were approved by BOS Members for Credit transfer. The list of subjects are

Subject	Equivalent NPTEL Course
Vertical: Artificial Intelligence and Machine Learning 20CS501 Machine Learning	Course ID : noc23_cs98 Course Title : Introduction To Machine Learning No of Weeks : 12 Weeks Instructor : Prof. Balaraman Ravindran , IIT Madras
Vertical: Artificial Intelligence and Machine Learning 20CS503 Natural Language Processing	Course ID : noc23_cs80 Course Title : Natural Language Processing No of Weeks : 12 Weeks Instructor : Prof. Pawan Goyal IIT Kharagpur
Vertical: Artificial Intelligence and Machine Learning 20CS504 Deep Learning	Course ID : noc23_cs110 Course Title : Deep Learning No of Weeks : 12 Weeks Instructor : Prof. Sudarshan Iyengar, IIT Ropar Prof. Padmavati , Punjab Engineering College
Vertical: Data Science – 20CS520 Social Network Analysis	Course ID : noc23_cs106 Course Title : Social Network Analysis No of Weeks : 12 Weeks Instructor : Prof. Tanmoy Chakraborty, IIT Delhi

5. Syllabi for UG (B.E.- Computer Science and Engineering) V and VI semester under R2022 and Elective Verticals were presented and following suggestion were provided by the members.

Subject	BOS Member Suggestions	Action Taken
22IT403 Computer Networks	Dr.R.Rekha suggested introducing the basics of 5G networks and Software Defined Networks.	Topics were included in Unit I – Introduction and Application Layer.
22IT402 Software Engineering	<ul style="list-style-type: none"> Mr.J.Prakash, suggested changing the title of Unit III to Software or system design. Mr. Prabhakaran.V.M suggested introducing the concept of “Kanban” in unit I. 	<ul style="list-style-type: none"> The title of Unit I is changed to “System Design” The topic Kanban has included in Unit I.
22CS509 Mobile Application Development	Mr. Prabhakaran.V.M Suggested to combine 1st and 3rd Experiment because of their similarity in development.	The experiments were merged to single one.
22CS513 Web Application Security	Dr.M.Kowsigan suggested to add NMap based experiments in Lab	Experiments based on NMap have been introduced.

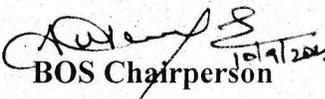
6. The syllabus of Tamil subjects 22MC805 Heritage of Tamils and 22MC806 Tamils and Technology were presented before BOS members.

The syllabus of Tamil subjects 22MC805 Heritage of Tamils and 22MC806 Tamils and Technology were presented before BOS members.

7. The BOS members approved the following list of subjects to be studied additionally/ exempted for debar cum readmitted students when the student is readmitted in different regulations.

Rejoining Semester	Additional Subjects	Exempted Subjects
V	22UH101 Universal Human Values 22EN103 – Design Thinking Lab 22MC805 – Heritage of Tamils 22MC806 – Tamils and Technology	Mandatory course from V Semester
VI	22UH101 Universal Human Values 22MC805 – Heritage of Tamils 22MC806 – Tamils and Technology	Mandatory Courses from VI Semester
VII	22UH101 Universal Human Values 22MC805 – Heritage of Tamils 22MC806 – Tamils and Technology	
VIII	22UH101 Universal Human Values 22MC805 – Heritage of Tamils 22MC806 – Tamils and Technology	

8. Meeting was concluded by the Chairperson by thanking the BOS members for their valuable suggestions for enhancing the curriculum and syllabi.


BOS Chairperson
10/11/2023