



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE - 642 002.

Department of Artificial Intelligence and Data Science



MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No: 01

DATE : 22-11-2022
TIME : 10.00 A.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	
3.	Dr. P. Ganeshkumar Assistant Professor, Department of Computer Science and Engineering Anna University Regional Campus, Coimbatore	Expert Member	
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	
5.	Mr. Sugumaran Uppilli Head Cyber security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	

7.	Dr. R. Kavitha, Associate Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>R. Kavitha</i> 22/11/22
8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>S. Sureshkumar</i> 22/11/22
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>E. Jananandhini</i> 22/11/22
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>G. Harikrishnaveni</i> 22/11/22
11.	Mr. M. Vimal, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>M. Vimal</i> 22/11/2022

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous pscheme and presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 1.1. Approval of Regulation 2022– UG

The Chairman BoS explained the need for new regulation and curriculum based on AICTE model curriculum. The members discussed elaborately and approved the regulation and Curriculum for B.Tech- Artificial Intelligence and Data Science.

Item No. 1.2. Approval of Curriculum for I to IV Semester 2022 Regulations

Curriculum of I - IV Semester of B.Tech- Artificial Intelligence and Data Science was presented by the Chairman BoS. Members discussed on the Courses and credits to be offered in the respective Semesters.

Item No. 1.3. Approval of Syllabus for I and II semester 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for I and II semesters of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	I	22HS101	Professional English - I
2.		22BS101	Engineering Mathematics - I
3.		22BS102	Engineering Physics
4.		22BS103	Engineering Chemistry
5.		22ES301	C Programming
6.		22ES302	Programming in C Laboratory
7.		22BS104	Physics and Chemistry Laboratory
8.		22HS102	Communication Skills Laboratory
9.	II	22HS103	Professional English - II
10.		22BS105	Engineering Mathematics - II
11.		22BS106	Physics for Information Science
12.		22PC303	Python Programming
13.		22ES701	Engineering Graphics
14.		22ES501	Basics of Electrical and Electronics Engineering
15.		22ES702	Engineering Practices Laboratory
16.		22PC304	Python Programming Laboratory

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Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Programming for Problem Solving	Experts Suggested to refine the course name as C Programming.	Suggestions incorporated
2.	Python Programming	Experts suggested to include Object Oriented Features in the syllabus.	

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	I	22CAHS101	Professional English - I
2.		22CABS102	Engineering Mathematics - I
3.		22CABS103	Engineering Physics
4.		22CABS104	Engineering Chemistry
5.		22CAES105	C Programming
6.		22CAES106	Programming in C Laboratory
7.		22CABS107	Physics and Chemistry Laboratory
8.		22CAES108	Communication Skills Laboratory
9.	II	22CAHS201	Professional English - II
10.		22CABS202	Engineering Mathematics - II
11.		22CAES203	Physics for Information Science
12.		22CABS204	Python Programming
13.		22CAES205	Engineering Graphics
14.		22CAES104	Basics of Electrical and Electronics Engineering
15.		22CAES107	Engineering Practices Laboratory
16.		22CAES206	Python Programming Laboratory

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Programming for Problem Solving	Experts Suggested to refine the course name as C Programming.	Suggestions incorporated
2.	Python Programming	Experts suggested to include Object Oriented Features in the syllabus.	

Item No 1.4. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.


Name & Signature

Chairman – BoS

(Faculty of Computer Science and Engineering
and Information Technology)



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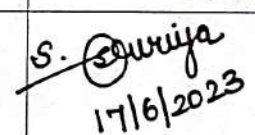
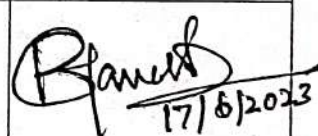
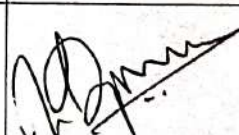
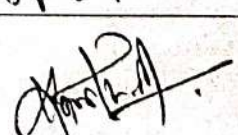
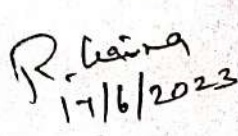
Department of Artificial Intelligence and Data Science

MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 02

DATE : 17.06.2023
TIME : 10.00 A.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	 17/6/2023
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	 17/6/2023
3.	Dr. P. Ganeshkumar Assistant Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Chennai - 600025	Expert Member	 17/6/2023
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	
5.	Mr. Sugumaran Uppilli Head Cyber security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	
7.	Dr. R. Kavitha, Associate Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 17/6/2023

8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>S. Sureshkumar</i> 17/06/23
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>E. Jananandhini</i>
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>G. Harikrishnaveni</i>
11.	Mr. M. Vimal, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>M. Vimal</i> 17/06/23

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members, special invitee and briefed on the rules and regulation governing the Autonomous scheme.

Special Invitee:

S. No	Name	Designation and Address
1	Ms. T. Suganya	Associate Director, ADM Engineering, Cognizant Coimbatore Campus.

Dr. R. Kavitha, Member / BoS presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 1.1. Approval of Curriculum for III – VIII Semester 2022 Regulations

Curriculum of III - VIII Semester of B.Tech- Artificial Intelligence and Data Science was presented. Members discussed on the Courses and credits to be offered in the semesters from III – VIII.

Item No. 1.2. Approval of Syllabus for III and IV semester 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for III and IV semesters of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

SEMESTER III

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADBS301	Transforms Techniques and its Applications	3	1	0	4
2	22ADPC302	Artificial Intelligence	3	0	0	3
3	22ADPC303	Data Structures and Object Oriented Programming	3	0	0	3
4	22ADES304	Digital Principles and Computer Organization	3	0	0	3
5	22ADPC305	Fundamentals of Data Science and Analytics	3	0	0	3
PRACTICAL						
6	22ADPC306	Data Structures and Object Oriented Programming Laboratory	0	0	3	1.5
7	22ADPC307	Data Science Laboratory	0	0	3	1.5
8	22ADPC308	Artificial Intelligence Laboratory	0	0	3	1.5
Total			15	1	9	20.5

SEMESTER IV

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADBS401	Discrete Mathematics	3	1	0	4
2	22ADPC402	Machine Learning	3	0	0	3
3	22ADPC403	Operating Systems	3	0	0	3
4	22ADPC404	Data Exploration and Visualization	3	0	2	4
5	22ADPC405	Database Management Systems	3	0	0	3
6	22CAAC406	Constitution of India	3	0	0	0
PRACTICAL						
7	22ADPC407	Machine Learning Laboratory	0	0	3	1.5
8	22ADPC408	Database Management Systems Laboratory	0	0	3	1.5
Total			18	1	8	20

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Transforms Techniques and its Applications	Experts Suggested to include Linear Algebra and its Applications instead of Transforms Techniques and its Applications	Suggestions incorporated
2.	Artificial Intelligence	Experts Suggested to refine the course name as Foundations of Intelligent Systems.	
3.	Data Structures and Object Oriented Programming	Experts suggested to split Data Structures as separate subject and Object Oriented Programming as a separate subject	

Item No 1.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.



Name & Signature

Chairman – BoS

(Faculty of Computer Science and Engineering
and Information Technology)

Dr. D. CHITRA M.E., Ph.D.,

Professor and Head

Dept. of Computer Science and Engineering

P.A. College of Engineering and Technology

Pollachi - 642 002



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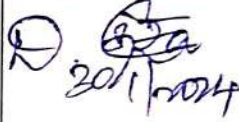
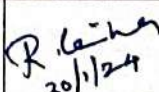
Department of Artificial Intelligence and Data Science

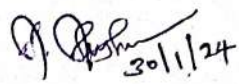
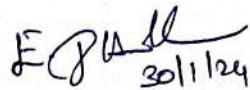
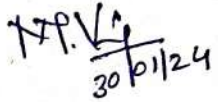
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 03

DATE : 30.01.2024
TIME : 2.30 P.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	 20/1/2024
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	 30/1/2024
3.	Dr. P. Ganeshkumar Associate Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Chennai - 600025	Expert Member	
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	 30/01/2024
5.	Mr. Sugumaran Uppilli Head Cyber security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	 30/01/2024
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	 30/01/2024
7.	Dr. R. Kavitha, Associate Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 30/1/24

8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 30/11/24
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 30/11/24
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 30/11/24
11.	Mr. M. Vimal, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 30/11/24

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the Autonomous scheme.

Dr. R. Kavitha, Member / BoS presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 3.1. Approval of Curriculum for Semester IV - 2022 Regulations

Curriculum for IV Semester of B.Tech- Artificial Intelligence and Data Science was presented. Members discussed on the Courses and credits to be offered in the respective semester.

Item No. 3.2. Approval of Syllabus for Semester IV - 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for semester IV of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

SEMESTER IV

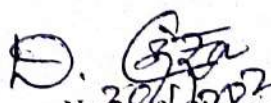
Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22CABS401	Discrete Mathematics	3	1	0	4
2	22CAPC402	Operating Systems	3	0	2	4
3	22CAPC403	Database Management Systems	3	0	0	3
4	22ADPC404	Data Exploration and Visualization	3	0	0	3
5	22ADPC405	Fundamentals of Data Science and Analytics	3	0	0	3
6	22CAMC306	Constitution of India	3	0	0	0
PRACTICAL						
7	22ADPC406	Data Science and Analytics Laboratory	0	0	3	1.5
8	22CAPC408	Database Management Systems Laboratory	0	0	3	1.5
Total			18	1	8	20

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Operating Systems	Suggested to include Linux based programs	Suggestions incorporated
2.	Database Management Systems	Suggested to include NoSQL	

Item No 3.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.


Name & Signature

Chairman – BoS

(Faculty of Computer Science and Engineering

Dr. L. C. RAO (Faculty of Technology)

Professor and Head

Dept. of Computer Science and Engineering

P.A.College of Engineering and Technology

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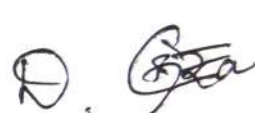
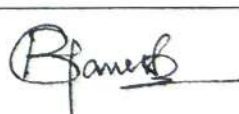
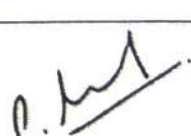
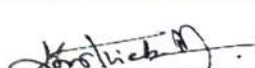
Department of Artificial Intelligence and Data Science

MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 04

DATE : 24.06.2024
TIME : 3.00 P.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	
3.	Dr. P. Ganesh Kumar Associate Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Chennai - 600025	Expert Member	
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	
5.	Mr. Sugumaran Uppilli Head Cyber security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	

7.	Dr. R. Kavitha, Associate Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	R. Kavitha 24/6/24
8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	S. Suresh 24/6/24
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	E. Jananandhini 24/6/24
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	G. Harikrishnaveni 24/6/24
11.	Mr. M. Vimal, Assistant Professor, Dept. of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	M. Vimal 24/6/24

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the Autonomous scheme.

Dr. R. Kavitha, Member / BoS presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 3.1. Approval of Curriculum for Semester V - 2022 Regulations

Curriculum for V Semester of B.Tech- Artificial Intelligence and Data Science was presented. Members discussed on the Courses and credits to be offered in the respective semester.

Item No. 3.2. Approval of Syllabus for Semester V - 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for semester V of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

SEMESTER V

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADPC501	Computer Networks	3	0	2	4
2	22ADPC502	Machine Learning	3	0	0	3
3	22ADPC503	Data and Information Security	3	0	0	3
4	22ADPC504	Augmented Reality and Virtual Reality	3	0	0	3
5	PE	Professional Elective - I	3	0	0	3
6	OE	Open Elective - I	3	0	0	3
PRACTICAL						
7	22ADPC507	Machine Learning Laboratory	0	0	3	1.5
8	22ADPC508	Augmented Reality and Virtual Reality Laboratory	0	0	3	1.5
Total			18	0	8	22

PROFESSIONAL ELECTIVE(PE) – I (SEMESTER V)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE501	Object Oriented Analysis and Design	3	0	0	3
2	22ADPE502	Mobile Computing	3	0	0	3
3	22ADPE503	Advanced Algorithms	3	0	0	3
4	22ADPE504	Data Warehousing	3	0	0	3
5	22ADPE505	Expert Systems	3	0	0	3
6	22ADPE506	DevOps	3	0	0	3
7	22ADPE507	Software Testing and Automation	3	0	0	3

OPEN ELECTIVE-1 (OE) (SEMESTER V)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	OE	Computer Vision	3	0	0	3
2	OE	Information Ethics	3	0	0	3
3	OE	Network Security and Firewalls	3	0	0	3
4	OE	R Programming	3	0	0	3
5	OE	Programming with ASP.Net	3	0	0	3

Suggestions given			
S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Computer Networks	Suggested to include CSE Department Syllabus	Suggestions incorporated
2.	Augmented Reality and Virtual Reality	Suggested to Interchange Unit IV and Unit V	
3.	Data Warehousing and Data Mining	Suggested to remove data mining and change the subject as Data Warehousing	

Item No 3.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.



Name & Signature

Chairman – BoS

**(Faculty of Computer Science and Engineering
and Information Technology)**

Dr. D. CHITRA M.E., Ph.D.,
Professor and Head
Dept. of Computer Science and Engineering
P.A.College of Engineering and Technology
Pollachi - 642 002



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Department of Artificial Intelligence and Data Science

MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 05

DATE : 23.11.2024
TIME : 2.30 P.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	
3.	Dr. P. Ganeshkumar Assistant Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Chennai - 600025	Expert Member	
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	
5.	Mr. Sugumaran Uppilli Head Cyber Security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	
7.	Dr. R. Kavitha,	Department	

	Associate Professor, Dept. of Artificial Intelligence and Data Science , P. A. College of Engineering and Technology, Pollachi, Coimbatore	Member	<i>R. Gopinath</i> 23/11/24
8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>S. Suresh</i> 23/11/24
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>E. Janani</i> 23/11/24
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>G. Harikrishna</i> 23/11/24
11.	Ms. P. Kavya Priya, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>P. Kavya</i> 23/11/24

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the Autonomous scheme.

Dr. R. Kavitha, Member / BoS presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 5.1. Approval of Curriculum for Semester VI - 2022 Regulations

Curriculum for VI Semester of B.Tech- Artificial Intelligence and Data Science was presented. Members discussed on the Courses and credits to be offered in the respective semester.

Item No. 5.2. Approval of Syllabus for Semester VI - 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for semester VI of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

SEMESTER VI

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADPC601	Deep Learning	3	0	0	3
2	22ADPC602	Big Data Analytics	3	0	0	3
3	22ADPC603	Embedded Systems and IoT	3	0	2	4
4	22ADPE6xx	Professional Elective - II	3	0	0	3
5	22ADPE6xx	Professional Elective - III	3	0	0	3
6	22ADOE6xx	Open Elective-II	3	0	0	3
PRACTICAL						
7	22ADPC604	Deep Learning Laboratory	0	0	3	1.5
8	22ADPC605	Data Analytics Laboratory	0	0	3	1.5
Total			18	0	8	22

PROFESSIONAL ELECTIVE(PE) – II (SEMESTER VI)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE601	Robotics	3	0	0	3
2	22ADPE602	Business Analytics	3	0	0	3
3	22ADPE603	Parallel and Distributed Computing	3	0	0	3
4	22ADPE604	Nano Technology	3	0	0	3
5	22ADPE605	Quantum Computing	3	0	0	3
6	22ADPE606	UI and UX Design	3	0	0	3

PROFESSIONAL ELECTIVE(PE) – III (SEMESTER VI)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE607	Text and Speech Analysis	3	0	0	3
2	22ADPE608	Agile Methodologies	3	0	0	3
3	22ADPE609	Natural Language Processing	3	0	0	3
4	22ADPE610	C# and .Net Programming	3	0	0	3
5	22ADPE611	Web Services and API Design	3	0	0	3
6	22ADPE612	Visual Effects	3	0	0	3

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Embedded Systems and IoT	Suggested to include Integrated Laboratory	Suggestions incorporated

Experts suggested the department faculty members to undergo training in advanced technologies relevant to the curriculum

Item No 5.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.



Name & Signature

Chairman – BoS

**(Faculty of Computer Science and Engineering
and Information Technology)**

Dr. D. CHITRA M.E., Ph.D.,

Professor and Head

Dept. of Computer Science and Engineering

P.A. College of Engineering and Technology

Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE - 642 002.



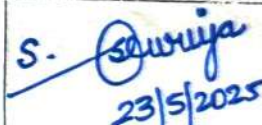
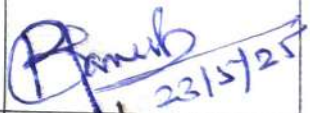
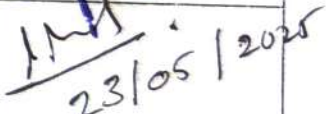
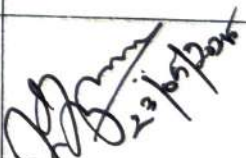
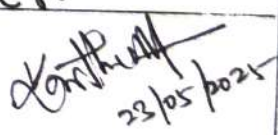
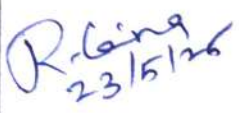
Department of Artificial Intelligence and Data Science

MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 06

DATE : 23.05.2025
TIME : 10.30 A.M.
VENUE : CSE Department-Library

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. D. Chitra Professor & Head, Department of Computer Science and Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Chairman Board of Studies	 23/5/2025
2.	Dr. S. Suriya Associate Professor Department of Computer Science and Engineering PSG College of Technology, Coimbatore	University Nominee	 23/5/2025
3.	Dr. P. Ganeshkumar Assistant Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Chennai - 600025	Expert Member	 23/5/2025
4.	Mr. C. Gautham Siddharthan Director, Infobase Publishing India Private limited, Coimbatore	Industry Representative	 23/05/2025
5.	Mr. Sugumaran Uppilli Head Cyber Security Consulting Services, Zacco Cyber security India Pvt Ltd, Coimbatore	Industry Representative	 23/5/2025
6.	Mr. R. Karthick Assistant Manager HDFC Asset Management Company Ltd, Coimbatore	Alumni Member	 23/05/2025
7.	Dr. R. Kavitha, Associate Professor, Dept. of Artificial Intelligence and Data Science , P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	 23/5/2025

8.	Mr. S. Sureshkumar, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>S. Suresh</i> 23/5/2025
9.	Mrs. E. Jananandhini, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>E. Jananandhini</i> 23/5/2025
10.	Mrs. G. Harikrishnaveni, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>G. Harikrishnaveni</i> 23/5/2025
11.	Ms. P. Kavya Priya, Assistant Professor, Dept. of Artificial Intelligence and Data Science, P. A. College of Engineering and Technology, Pollachi, Coimbatore	Department Member	<i>P. K. P.</i> 23/5/2025

MINUTES OF MEETING - AI & DS BOARD:

Dr. D. Chitra, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the Autonomous scheme.

Dr. R. Kavitha, Member / BoS presented the Regulation 2022, Curricula and Syllabi of B.Tech- Artificial Intelligence and Data Science.

The board discussed and approved the following points as per the agenda:

Item No. 6.1. Approval of Curriculum for Semester VII & VIII - 2022 Regulations

Curriculum for VII & VIII Semester of B.Tech- Artificial Intelligence and Data Science was presented. Members discussed on the Courses and credits to be offered in the respective semester.

Item No. 6.2. Approval of Syllabus for Semester VII & VIII - 2022 Regulations

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for semester VII & VIII of B.Tech- Artificial Intelligence and Data Science.

Subjects reviewed by the Experts: UG

SEMESTER VII

Sl No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADPC701	Generative Artificial Intelligence	3	0	0	3

2	22CAHS702	Principles of Management	3	0	0	3
3	PE	Professional Elective - IV	3	0	0	3
4	PE	Professional Elective - V	3	0	0	3
5	OE	Open Elective	3	0	0	3
PRACTICAL						
6	22ADPC703	Generative Artificial Intelligence Laboratory	0	0	3	1.5
7	22ADEE704	Internship / Mini Project	0	0	4	2
Total			18	0	7	18.5

SEMESTER VIII

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	22ADHS801	Ethics and Social Implications of AI	3	0	0	3
2	PE	Professional Elective - VI	3	0	0	3
PRACTICAL						
3	22ADEE802	Project Work/Internship	0	0	20	10
Total			6	0	20	16

PROFESSIONAL ELECTIVE(PE) – IV (SEMESTER VII)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE701	Service Oriented Architecture	3	0	0	3
2	22ADPE702	Marketing and Social Media Web Analytics	3	0	0	3
3	22ADPE703	Software Project Management	3	0	0	3
4	22ADPE704	Human Computer Interaction	3	0	0	3
5	22ADPE705	Cloud Computing	3	0	0	3
6	22ADPE706	Multimedia and Animation	3	0	0	3

PROFESSIONAL ELECTIVE(PE) – V (SEMESTER VII)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE707	Cognitive Science	3	0	0	3
2	22ADPE708	3D Printing and Design	3	0	0	3
3	22ADPE709	Soft Computing	3	0	0	3

4	22ADPE710	Video Creation and Editing	3	0	0	3
5	22ADPE711	Digital marketing	3	0	0	3
6	22ADPE712	Software Testing and Automation	3	0	0	3

PROFESSIONAL ELECTIVE(PE) -VI (SEMESTER VIII)

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
1	22ADPE801	Information Retrieval Techniques	3	0	0	3
2	22ADPE802	Ethical Hacking	3	0	0	3
3	22ADPE803	Engineering Secure Software Systems	3	0	0	3
4	22ADPE804	Knowledge Engineering	3	0	0	3
5	22ADPE805	Social Network Security	3	0	0	3
6	22ADPE806	Bio-Inspired Optimization Techniques	3	0	0	3

OPEN ELECTIVE(OE)

-	COURSE CODE	COURSE TITLE	L	T	P	C
1.	22ADOE01	Computer Vision	3	0	0	3
2.	22ADOE02	Ethics and AI	3	0	0	3
3.	22ADOE03	Network Security and Firewalls	3	0	0	3
4.	22ADOE04	R Programming	3	0	0	3
5.	22ADOE05	Programming with ASP.Net	3	0	0	3
6	22CSOE01	Computer Graphics and Simulation	3	0	0	3
7	22CSOE02	Data Integration & Big data	3	0	0	3
8	22CSOE03	Game Programming	3	0	0	3
9	22CSOE04	Storage Technologies	3	0	0	3
10	22CSOE05	Recommender Systems	3	0	0	3
11	22ECOE01	Computational Intelligence	3	0	0	3
12	22ECOE02	Wearable Devices	3	0	0	3
13	22ECOE03	VLSI Testing and Design For Testability	3	0	0	3
14	22ECOE04	IoT Based Systems Design	3	0	0	3
15	22ECOE05	Design Thinking	3	0	0	3
16	22EEOE01	Power Plant Engineering	3	0	0	3
17	22EEOE02	Sensors and Transducers	3	0	0	3
18	22EEOE03	Hybrid Energy Technology	3	0	0	3
19	22EEOE04	Biomedical Instrumentation	3	0	0	3

20	22EEOE05	Electric and Hybrid Vehicles	3	0	0	3
21	22ITOE01	Mobile Adhoc Networks	3	0	0	3
22	22ITOE02	Blockchain Technologies	3	0	0	3
23	22ITOE03	Open Source Technologies	3	0	0	3
24	22ITOE04	Android Application Development	3	0	0	3
25	22ITOE05	Digital and Mobile Forensics	3	0	0	3
26	22MEOE01	Testing of Materials	3	0	0	3
27	22MEOE02	Welding Technology	3	0	0	3
28	22MEOE03	Industrial Safety Engineering	3	0	0	3
29	22MEOE04	Marketing Management	3	0	0	3
30	22MEOE05	Maintenance Engineering	3	0	0	3

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Human Values and Ethics	Suggested to include Ethics and Social Implications of AI subject in 8 th Semester	Suggestions incorporated
2.	Bio-Inspired Optimization Techniques	Suggested to remove some topics in Unit III	Suggestions incorporated

Experts suggested the department faculty members to undergo training in advanced technologies relevant to the curriculum

Item No 6.3. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.Tech- Artificial Intelligence and Data Science. The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.



[Signature]
Name & Signature

Chairman – BoS
(Faculty of Computer Science and Engineering
and Information Technology)