

Department of Artificial Intelligence and Data Science

MINUTES of 1<sup>st</sup> Meeting of the Board of Studies held on  
24<sup>th</sup> June, 2023 at 10.00 AM

Meeting Mode: Through offline mode  
Venue: Alumni Chamber, National Engineering College  
K.R.Nagar, Kovilpatti – 628 503

**National Engineering College, K.R.Nagar, Kovilpatti – 628 503**  
*(An Autonomous Institution - Affiliated to Anna University, Chennai)*  
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**1<sup>st</sup> Board of Studies Meeting in the Department of  
Artificial Intelligence and Data Science**

Meeting Mode: Through offline mode  
Venue: Alumini Chamber, National Engineering College

K.R.Nagar, Kovilpatti – 628 503

Date & Time: 24.06.2023 & 10.00 AM

Agenda

- BoS / AI&DS 1.1 : Welcome address and Opening Remarks by Chairman,  
Board of Studies in the department of Artificial  
Intelligence and Data Science
- BoS / AI&DS 1.2 : Confirmation of the Minutes of the Board of studies held  
on 20.12.2022 and Action taken report of Board of studies
- BoS / AI&DS 1.3 : Business brought forward by the Chairman, Board of  
studies
- 1.3.1. Curriculum for B.Tech – AI&DS programme under  
R2023.
- 1.3.2. Syllabus for Core courses for B.Tech – AI&DS  
programme under R2019
- 1.3.3. Syllabus for Elective courses under R2019
- BoS / AI&DS 1.4 : Any other items
- BoS / AI&DS 1.5 : Suggestions given by the BoS Members

**National Engineering College, K.R.Nagar, Kovilpatti – 628 503**  
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F. No. 1-1/NEC/AI&DS

24<sup>th</sup> June, 2023

Dear Sir,

***Sub: Minutes of the 1<sup>st</sup> Meeting of the Board of studies in the Artificial Intelligence and Data Science Department -Reg.***

Kindly find attached herewith the Minutes of the 1<sup>st</sup> Meeting of Board of studies of the Artificial Intelligence and Data Science of the National Engineering College, K.R.Nagar, Kovilpatti – 628 503 held on 24<sup>th</sup> June 2023 at 10.00 AM through offline mode in the Alumini Chamber of National Engineering college. Hard copy of the Minutes is also being sent to you by speed post.

It is requested that comments on the Minutes, if any, may please be sent by email at hodai@nec.edu.in or by post, at the earliest. If no comments are received, within ten days, the minutes shall be taken as confirmed. With Kind Regards,

Yours Sincerely

*V. Kalai*  
24/6/23  
Dr.V.Kalaivani

### MINUTES OF THE MEETING

The Board of Studies Meeting of the Department of Computer Science and Engineering, Information Technology, Artificial Intelligence and Data Science was held on 24<sup>th</sup> June 2023 at 10.00 AM.

The following members were present:

1.	Dr.V.Gomathi, Prof & Head	Board Chairman Dept. of CSE
2.	Dr.K.G.Srinivasagan, Prof & Head	Board Chairman Dept. of IT
3.	Dr.V.Kalaivani, Prof & Head	Board Chairman Dept. of AI&DS
4.	Dr.G.Madhupriya, Associate Professor, Department of Computer Science & Engineering, Thiagarajar College of Engineering, Madurai	University Nominee
5.	Dr.V.Masilamani, Associate Professor and Head, Department of Computer Science and Engineering, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	Academicians
6.	Dr. C.Mala, Professor, Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli	
7.	Dr.B.Surendiran, Associate Professor, Department of Computer Science and Engineering, National Institute of Technology, Puducherry	
8.	Dr.B.L.Velammal, Associate Professor, Department of Computer Science and Engineering, Anna University, Chennai	



9.	Mr.Sudeesh Sankaravel Associate Fellow – Data Science Verizon, Chennai	Industrial Experts
10.	Mr.K.Sujeeth Senior Technical Lead- Data Analyst Mercedes Benz R&D India, Brigate Tech Gargen, Kundanahalli, Bangalore	
11.	Mr.Roy Antony Arnold, Senior Consultant Infosys Limited, Chennai	
12.	Mr. M.Ramkesh, Senior consultant – Infrastructure Management(Storage Administration and Data center Operations) Infosys Limited, Bangalore	
13.	Dr.K.M.Suceendran, General Manager, Tata Consultancy Services, Chennai	
14.	Ms.G.Maria Justin Mary, Lead Engineer, Lowe's Services India Pvt Ltd, Bengaluru	Alumni Experts
15.	Mr.S.Manikandan Product Lead Engineer, Zoho Corporation, Tirunelveli	
16.	Dr.S.Venkada Prasad, Project Manager, Tata Consultancy Services, Chennai	
17.	Ms.Mejari C Module Lead Mphasis, Bangalore	
18.	Dr. Shajulin Benedict, Associate Professor, Department of Computer Science & Engineering IIIT – Kottayam	Special Invitees
19.	Mr.Sethuraman Thangavelu, Senior Manager, VVDN Technologies, Chennai.	

20.	Ms.K.Poorani,Assistant Professor	Internal BoS Members
21.	Ms.P.Rampriya, Assistant Professor	
22.	Ms.Binusha.R, Assistant Professor	
23.	Ms.G.Dhivya,Assistant Professor	
24.	Mr. Umesh Ramanathan, I year AI & DS	Student Members
25.	Ms. R.Nithya Shree, I year AI & DS	Nominated by the HoD

BoS /AI&DS1.1 : WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE.

The Chairman, BoS of the Artificial Intelligence and Data Science welcomed and introduced the members of 1<sup>st</sup>Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.

BoS / AI&DS 1.2 : TO CONFIRM THE MINUTES OF BOS MEETING HELD ON 20.12.2022

The minutes of the Board of Studies meeting held on 20<sup>th</sup> Dec 2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 18<sup>th</sup> Academic council.

➤ Action Taken Report (Enclosed in Annexure- I)

BoS/ AI&DS 1.3.1 : TO CONFIRM AND APPROVE OF CURRICULUM FOR B.TECH-AI&DS PROGRAMME UNDER R-2023.

RESOLVED TO approve Curriculum for B.Tech-AI&DS programme under R-2023.

BoS/ AI&DS 1.3.2 : TO CONFIRM AND APPROVE OF SYLLABUS FOR CORE COURSES FOR B.TECH – AI&DS PROGRAMME UNDER R-2019.



**RESOLVED TO** approve Syllabus for Core courses for B.Tech – AI&DS programme under R-2019.

BoS/ AI&DS 1.3.3 : **TO CONFIRM AND APPROVE OF SYLLABUS FOR ELECTIVE COURSES FOR B.TECH – AI&DS PROGRAMME UNDER R-2019.**

**RESOLVED TO** approve Syllabus for Elective courses for B.Tech – AI&DS programme under R-2019.

BoS/ AI&DS 1.4 : **ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS**

On the whole, this new initiative was very much appreciated by all members. The challenges faced by the students (if any) should be periodically discussed with them. They also congratulated the faculty members for their team efforts towards continuing Education.

BoS / AI&DS 1.5 : **SUGGESTIONS GIVEN BY THE BOS MEMBERS**

- 1.5.1 : In R-2023, Probability and Linear Algebra course may be changed as Probability and Statistics and Linear Algebra course may be included.
- 1.5.2 : 19AD43C - Data Structures course may be studied in III semester.
- 1.5.3 : In 19AD01E – Data Engineering course, case study may be included for KAFKA platform.
- 1.5.4 : In 19AD54C – Embedded systems and IOT course, unit V may be revised.
- 1.5.5 : In 19AD12E – Natural Language Processing course, contents may be reduced.
- 1.5.6 : In 19AD16E – Mobile Robots course, concepts of motor control methods may be included.

- 1.5.7 : Auto Machine Learning (auto ML) content may be included in 19AD42C – Machine Learning course.
- 1.5.8 : In 19AD17E – Internet of Things course, Wifi may be included.
- 1.5.9 : In 19AD20E – Internet and Web Technology, recent technologies may be included.
- 1.5.10 : In 19AD21E – Mobile Application Development course, recent platforms may be included.
- 1.5.11 : In 19AD18E – Robotic Process Automation course, case study may be added.
- 1.5.12 : In 19AD24E – UI and UX Design course, unit IV and unit V may be interchanged.

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Syllabi.




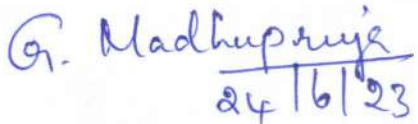




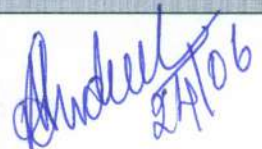
Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

- Curriculum for B.Tech – AI&DS programme under R-2023.
- Syllabus for Core courses for B.Tech – AI&DS programme under R-2019.
- Syllabus for Elective courses under R-2019.

Dr.V.Kalaivani, HOD/AI&DS, thanked all the members for their valuable suggestions and cooperation and the meeting came to an end.



**Members Present:**

Dr.V.Gomathi, Prof & Head, Board Chairman, Dept. of CSE	 24/6/23
Dr.K.G.Srinivasagan, Prof & Head, Board Chairman, Dept. of IT	
Dr.V.Kalaivani, Prof & Head, Board Chairman, Dept. of AI&DS	 24/6/23
<b><u>University Nominee</u></b>	
Dr.G.Madhupriya, Associate Professor, Department of Computer Science & Engineering, Thiagarajar College of Engineering, Madurai	 24/6/23
<b><u>Academicians</u></b>	
Dr.V.Masilamani, Associate Professor and Head, Department of Computer Science and Engineering, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	 24/6/23
Dr. C.Mala, Professor, Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli	 24/6/23
Dr.B.Surendiran, Associate Professor, Department of Computer Science and Engineering, National Institute of Technology, Puducherry	 24/6/2023
Dr.B.L.Velammal, Associate Professor, Department of Computer Science and Engineering, Anna University, Chennai	 24/6/2023
<b><u>Industrial Experts</u></b>	
Mr. Sudeesh Sankaravel, Associate Fellow – Data Science Verizon, Chennai	 24/6/2023

Mr.K.Sujeeth Senior Technical Lead- Data Analyst Mercedes Benz R&D India, Brigate Tech Gargen, Kundanahalli, Bangalore	K. Sujeth
Mr.Roy Antony Arnold, Senior Consultant Infosys Limited, Chennai	Roy Antony Arnold 24/6/23
Mr. M.Ramkesh Senior consultant – Infrastructure Management(Storage Administration and Data center Operations) Infosys Limited, Bangalore	M. Ramkesh (24/06/23)
Senior Dr.K.M.Suceendran, General Manager, Acad-Academic Tata Consultancy Services, Alliances Chennai	K. M. Suceendran
<b>Alumni Experts</b>	
Ms.G.Maria Justin Mary, Lead Engineer, Lowe's Services India Pvt Ltd, Bengaluru	G. Maria Justin Mary 24/06/23
Mr.S.Manikandan Product Lead Engineer, Zoho Corporation, Tirunelveli	S. Manikandan 24/06/23
Dr.S.Venkata Prasad, Project Manager, Tata Consultancy Services, Chennai	S. Venkata Prasad 24/06/23
Ms.Mejari C Module Lead Mphasis, Bangalore	Mejari C 24/6/23
<b>Special Invitees</b>	
Dr. Shajulin Benedict, Associate Professor, Department of Computer Science & Engineering IIIT- Kottayam	Shajulin Benedict 24/6/23
Mr.Sethuraman Thangavelu, Senior Manager, VVDN Technologies, Chennai	Sethuraman Thangavelu 24/6/2023

<i>Internal Members</i>	
Ms.K.Poorani Assistant Professor/AI&DS	<i>[Signature]</i> 24/6
Ms.P.Rampriya Assistant Professor/AI&DS	<i>P. Rampriya</i> 24/6/23
Ms.R.Binusha Assistant Professor/AI&DS	<i>[Signature]</i> 24/6/23
Ms.G.Dhivya Assistant Professor/AI&DS	<i>G. Dhya</i> 24/6/23
Umesh Ramanathan, I year AI & DS	<i>[Signature]</i> 24/6/23
Nithya Shree R, I year AI & DS	<i>R. Nithya</i> 24/6/23

*V. Kal*  
24/6/23  
CHAIRMAN  
BOARD OF STUDIES



## Annexure I

### Actions Taken Report for BOS meeting on 20.12.2022

As per BOS committee suggestions,

- In 19AD26C -Python Programming, L T P C hours are changed to L:2,T:0, P:2, E:2 and No of Credits is 4.
- In 19AD01L-Statistical foundations for data science course, the text book "Statistics for Management" by I. Levin Richard is included.
- Recent books are included in one credit courses.

*V. Kal*  
*24/6/23*  
CHAIRMAN  
BOARD OF STUDIES