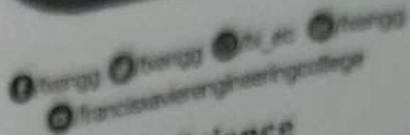




FRANCIS XAVIER
ENGINEERING COLLEGE
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Department of Artificial Intelligence and Data Science
5th BOARD OF STUDIES MEETING

FXEC\AI&DS\2022-2023\BOS-5
Minutes

Mode: Blended Mode

Venue: CSE Lab 3

Google meet Link: <https://meet.google.com/vbe-yisq-yeh>

Date & Time: 12.06.2023 & 3.00 P.M

AGENDA

BoS / AI&DS 5.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Artificial Intelligence and Data science.

BoS/AI&DS 5.2: Confirmation of the Minutes of the 4th meeting of Board of studies in the department of Artificial Intelligence and Data science on 25.02.2023 and Action taken report of 4th meeting of Board of studies.

BoS /AI&DS 5.3: Business brought forward by the Chairman, Board of Studies

5.3.1 Curriculum & Syllabus for R2021 B.Tech Artificial Intelligence and data science(6th Semester and 7th Semester)

5.3.2 Syllabus for Skill Based value added course from 2nd semester R2021 from 2022-2023 Academic Year onwards

5.3.3 Curriculum for Tamil Courses.

5.3.4 Syllabus of Professional Elective III,IV,V and VI

5.3.5 Syllabus of Open Elective II,III and IV

5.3.6 NPTEL Courses

BoS / AI&DS 5.4: Suggestions given by the BOS Members

BoS / AI&DS 5.5: Any other items for discussion



Minutes of the 5th Board of Studies Meeting

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
MINUTES OF THE MEETING

The 5th Meeting of the Board of studies of the Department of Artificial Intelligence and Data Science was held on 12 th June 2023 at 3.00 PM.

The following members were present:

1. Head of BOS
Prof. Dr.G.Aravind Swaminathan, Professor/Head,
Department of Computer Science and Engineering,
Francis Xavier Engineering College,
Tirunelveli
2. University Nominee
Dr.C. Senthil Kumar,
Associate Professor,
Department of Computer Science and Engineering,
Thiagarajar College of Engineering.
3. Academic Experts
Dr.E.lavarasan
Professor/CSE,
Pudhucherry Technological University (Formally Pondicherry Engineering
College),
Pondicherry- 605014.
4. **Dr.D Murugan**
Professor/CSE,
Manonmanium Sundaranar University,
Tirunelveli-627012
5. Industrial Experts
Mr.Prabagar Ramamurthy
Head,
Information Security Management,
Tata Consultancy Services,
1/G1,Sipcot,IT Park,
Siruchery,
Chennai -600006
6. Alumni Members
Mr.Abishek Stephen
Senior Backend Engineer,
Turing,
Palo Alto, California,
USA

| 7. Internal Members | | Designation |
|---------------------|---------------------------|-------------------------|
| S. No | Name of the Member | Professor & Head / AIDS |
| 1. | Dr.A.Anitha | AP / AIDS |
| 2. | Mrs.S.Poornam | AP / AIDS |
| 3. | Mrs.I.Noor Mohammed | AP / AIDS |
| 4. | Mrs.R.Gomathi selvi | AP / AIDS |
| 5. | Ms.S.Vishnu Durga | AP / AIDS |
| 6. | Ms.R.Madhu Bala Shunmu | AP / AIDS |
| 7. | Ms.S.Angel | AP / AIDS |
| 8. | Ms.S.V.Lincy | AP / AIDS |
| 9. | Ms.B.Varshath Nikila | AP / AIDS |
| 10. | Mr.P.Sivanainitha perumal | AP / AIDS |

Members Absent -Nil

BoS / AI&DS 5.1: 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 5th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

BoS / AI&DS 5.2: TO CONFIRM THE MINUTES OF FOURTH BOS MEETING HELD ON 23.02.2022 AND ACTION TAKEN

- ✓ The minutes of the FOURTH Board of Studies meeting held on 25.02.2022 were communicated to the members.
- ✓ Comments regarding skill based value added courses are incorporated in Z1AI5V01- Deep Learning and computer vision using open CV in accordance with professional elective.
- ✓ As per the comments given by Dr.C.Senthil Kumar ,Real time projects are incorporated in Machine Learning Laboratory - an industry supported course.
- ✓ NPTEL courses are updated as per suggestion.

BoS / AI&DS 5.3: Business brought forward by the Chairman, Board of Studies

BoS / AI&DS 5.3.1: TO CONFIRM AND APPROVE the Curriculum & (6th Semester and 7th Semester) Syllabus for R2021 B.Tech Artificial Intelligence and Data Science

Curriculum R2021, Sixth and Seventh Semester Syllabus were framed and it was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus for Sixth Semester and Seventh Semester for R2021 B.Tech Artificial Intelligence and Data Science- Annexure I

BoS / AI&DS 5.3.2: To confirm and approve the syllabus for skill based value added course from 2022-2023 academic year onwards for R2021 B.tech Artificial Intelligence and data science

Syllabus for Skill Based value added courses from 2022-2023 Academic Year onwards was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus of Skill Based value added course from 2nd semester R2021 from 2022-2023 Academic Year onwards for R2021 B.Tech Artificial Intelligence and Data Science - Annexure II

BoS / AI&DS 5.3.3: TO CONFIRM AND APPROVE the TAMIL Courses

The Tamil Courses has been proposed for 2 credits as follows.

Semester 1- one credit theory course

Semester 2 - one credit theory course

- ✓ RESOLVED TO APPROVE the Tamil Courses - Annexure III

BoS / AI&DS 5.3.4: TO CONFIRM AND APPROVE THE SYLLABUS OF PROFESSIONAL ELECTIVE III,IV,V AND VI

The syllabus for Professional Electives III,IV,V and VI has been presented for R 2021 B.Tech Artificial Intelligence and Data Science.

- ✓ RESOLVED TO APPROVE the Professional Electives - Annexure IV

BOS / AI&DS 5.3.5: TO CONFIRM AND APPROVE THE SYLLABUS OF OPEN ELECTIVE II,III AND IV

The syllabus for Open Electives II,III and IV has been presented for R 2021 B.Tech Artificial Intelligence and Data Science.

- ✓ RESOLVED TO APPROVE the Open Electives II,III and IV Courses- Annexure V

BoS / AI&DS 5.3.6: TO CONFIRM AND APPROVE NPTEL COURSES

The List of NPTEL Online Courses to be opted for the students from 5th semester instead of Professional Elective subjects in the overall curriculum were discussed

✓ RESOLVED TO APPROVE the NPTEL Courses- Annexure VI

BoS / AI&DS 5.4: Suggestions Given by the Members

- 5.4.1 Dr.C. Senthil Kumar, University Nominee suggested that Data Analytics with Excel can be incorporated in syllabus.
- 5.4.2 Mr.Prabagar Ramamurthy told that Prompt Engineering can be considered as a topic in AI Domain specific Courses.
- 5.4.3 Mr.Abishek Stephen suggested to include Latest Edition Book for Software Testing has been suggested.
- 5.4.4 Dr. G.Aravind Swaminathan, Chairman of BOS told that Project Based Learning is followed for every lab
- 5.4.5 Mr.Prabagar Ramamurthy suggested to remove the prerequisites for Open Elective Courses which delivers the basic concepts.
- 5.4.6 Dr.C. Senthil Kumar suggested to elaborate the words for the abbreviation specified in the syllabus.
- 5.4.7 Mr.Prabagar Ramamurthy suggested to update the latest windows version for cloud computing laboratory course.

R2021 .Tech Artificial Intelligence and Data Science : Semester - 6

- 5.4.8 **In Professional Elective IV, 21CS7706 - Full Stack Application Development** Recent Frameworks can be used.
- 5.4.9 **In Theory cum Practical Courses, 21AI6603- Cloud Computing and Big DataAnalytics,** Windows 10 or 11 Version is to be installed. Installation of Docker from Dockerhub and creating Containers using Dockers and uploading the containers in cloud is to be done. Also Replace Private Cloud with Secure Cloud.

R2021 .Tech Artificial Intelligence and Data Science : Semester - 7

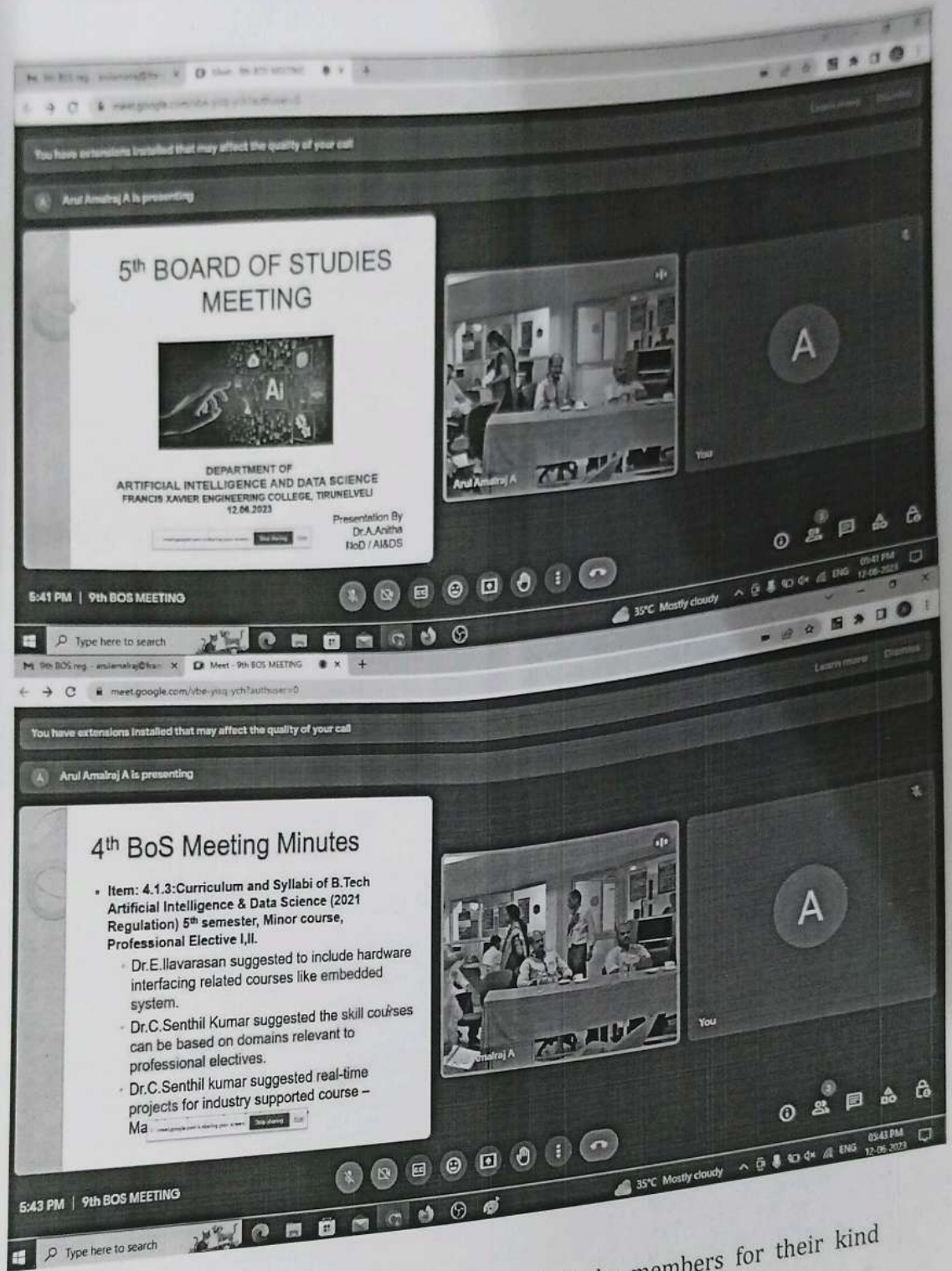
- 5.4.10 **In Professional Elective V, 21CS7708 - Information Security,** In Unit-IV the old ISO 27001/BS, ISO 27017, ISO 27018 is to be replaced with latest ISO 17799/BS 7799,VISA International Security Model can be replaced with Payment Card Industry Data Security Standard (PCIDSS), Intrusion Prevention System(IPS) can be added in Logical Design
- 5.4.11 **In Professional Elective VI, 21CS7602-Cryptography and Network Security,**3D Encryption is to be included

BoS / AI&DS 5.5: Any other items for discussion

5.5.1 Professional Elective III,IV,V and VI course list and syllabus, Open Elective II,II and IV Course list and syllabus, Semester VI and Semester VII syllabus, NPTEL courses, Skill based Value added Courses was presented and the expert members approved the same

5.5.2 Text Books and Reference Books can be of recent editions





Dr.G.Aravind Swaminathan, Professor/HOD thanked all the members for their kind cooperation and the meeting came to an end.

G. Aravind Swaminathan
 12/6/2023
 CHAIRMAN
 BOARD OF STUDIES

Minutes of the 5th Board of Studies Meeting