Sri Sairam Engineering College
Sai Leo Nagar, West Tambaram, Chennai – 600044
Department of Artificial Intelligence and Data Science

Minutes of the first Board of Studies meeting

The first Board of Studies (BOS) meeting of the department of Artificial Intelligence and Data Science was conducted on 08.08.2020 through online mode (ZOOM) at 12.10P.M (IST). Following members were present.

1. **Dr. V. Shanmuganeethi** External stakeholder
   Assoc. Prof. & Head, CSE Dept. (Subject Expert)
   NITTTR, Taramani,
   Chennai.

2. **Dr. E. Ilavarasan** External stakeholder
   Prof., CSE Dept. (Subject Expert)
   Pondicherry Engineering College
   Pondicherry.

3. **Dr. S. Renugadevi** External stakeholder
   Asst. Prof. Dept. (SG), CSE (University Representative)
   MIT Campus, Anna University.

4. **Mr. Sanjay Hotwani** External stakeholder
   Senior Manager-Data Science-AI Solutions Lab, (Industrial Expert)
   Price Water House Coopers Ltd.
   Bengaluru.

5. **Ms. K. Ashwini** External stakeholder
   System Engineer, TCS, T. Nagar (Alumni Member)
   Chennai.
6. Dr. S Ramakrishnan Internal stakeholder

7. Dr. S Brindha Internal stakeholder

8. Dr. R Premanand Internal stakeholder

9. Dr. G Ayyadurai Internal stakeholder

10. Dr. J Raja Internal stakeholder

11. **Dr Swagata Sarkar** **Chairman, BOS/AI-DS**
    Head of The Department, AI-DS
    Sri Sairam Engineering College

Dr. Swagata Sarkar, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

BOS.AI-DS.20.01.01: To review and approve the curriculum and syllabus of First and Second Semester of UG programme in AI-DS. The members recommended the following:

a. The total cumulative credits of 181 may be reduced to 165 to 169 credits.
b. Any non-credit courses can be included to reduce the total number of credits
c. Credits can be adjusted with reduction in Professional and Open Elective Courses
d. Board members suggested that the course Probability and Statistical Method in IV Semester should be shifted to III Semester.
e. Computer Organisation and Architecture should be included in the III Semester or IV Semester.
f. Hierarchy of Mathematics should be maintained throughout the curriculum as per the demand of courses in each semester.
g. The course hierarchy may be in the order of Data Warehousing and Mining with R Programing, Machine Learning with R Programing, Deep Learning & Artificial Intelligence with Phyton Programing.
h. Professional Electives may be chosen as per the weightage of the subjects Semester wise.
i. Data Science, Data Analytics, Game Theory should be included in the Curriculum.
j. Cloud Computing can be deployed with Machine Learning Model.
k. MOOC courses can be included in the Curriculum as Elective Subjects.
l. Optimization Techniques should come before Game Theory.
m. Computer Vision and Data Visualization should be separate course with separate laboratory facilities.
n. Title of the course Artificial Intelligence should be application specific.
o. Hierarchy of Curriculum should be basic Mathematical Courses, followed by Courses based on Concepts and Courses based on Applications.
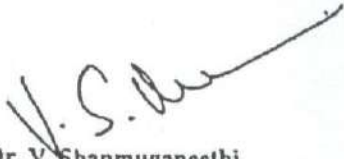
Based on the suggestions given by the members, the Chairman of BOS told that those fruitful suggestions would be incorporated appropriately in the curriculum and syllabi.
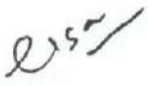
BOS resolved to recommend the following to the Academic Council for further approval.

a) Curriculum (Two Semesters) of B.Tech. Artificial Intelligence and Data Science (AI-DS) Programme as enclosed in Annexure -I.
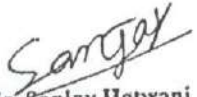
In the concluding remarks, the Chairman of BOS stated that the reduction of credits in UG Curriculum and other recommendations suggested by the members would be considered.

Meeting then ended with vote of thanks by Dr. Swagata Sarkar, Head of The Department/AI - DS.
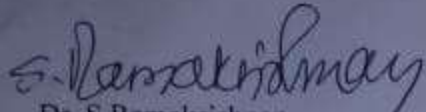

Dr. V. Shanmuganeethi
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Dr. E. Ilavarasan
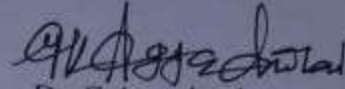Prof., CSE Dept.
Pondicherry Engineering College
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Mr. Sanjay Hotwani
Senior Manager-Data Science-AI Solutions Lab,
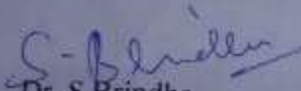Price Water House Coopers Ltd., Bengaluru

Ms. K. Ashwini
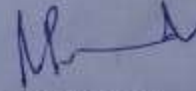System Engineer, TCS, T. Nagar
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Professor & Head, S & H
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Dr. G Ayyadurai
Professor, Chemistry
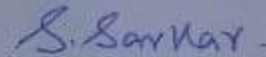Sri Sairam Engineering College
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Dr. R Premanand
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Dr. J Raja
Professor & Head, ECE
Dean Academics

Dr. Swagata Sarkar,
Chairman, BOS/AI-DS
(Head of The Department/AI-DS)