



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

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VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH

Department of Advanced Computer Science & Engineering

Date: 23.12.2023

Minutes of Board of Studies Meeting

Board of Studies (BoS) meeting of B.Tech., CSE – AIML program has been conducted on 18.12.2023 in blended mode from 02.00PM to 05.00 PM. (Physical meeting: CSE Conference Hall, Third floor, JC Bose Block, VFSTR and virtual meeting link: <https://us06web.zoom.us/j/86455748116?pwd=o2jElRWubExJgErFoIT0nbu98r764I.1>).

Agenda of the BoS Meeting:

1. Reviewing the course structure and content introduced in R22 regulation
2. Discussion on revision of Course contents.
3. Discussion on L-T- P-C structure of various courses.
4. Discussion on addition of the department electives, open electives and the fulfillment of pre-requisites for the department electives.
5. SWAYAM-NPTEL courses identification
6. Formative and summative assessment results
7. Discussion on CO-PO-PSO
8. Fixing the CO-PO-PSO-PEO target values
9. Any other points based on the requirements with the permission of Chair.

The following members were present either through offline or online.

SNo	Name of the Member	Role	Mode of Presence / Signature
1 ✓	Dr. Venkatesulu Dondeti Professor & Head, Department of ACSE, VFSTR Deemed to be University Contact: 91 98408 50744 Mail: hod_acse@vignan.ac.in	Chair Person	
2 ✓	Dr B. Jyostna Devi Associate Professor, Department of ACSE, VFSTR Deemed to be University Contact: 91 73582 09553 Mail: bjd_acse@vignan.ac.in	Secretary (Ex-officio)	
3 ✓	Prof. R.B.V Subramanyam Professor Department of CSE, NIT, Warangal, Telengana, Contact: 949 134 6969 , 9441 434 454 Mail: rbvs66@gmail.com	External Member	Joined in online
4 ✓	Prof D. S Guru Professor, Department of Studies in Computer Science,	External Member	Not attended.

	University of Mysore, Mysore, Karnataka Contact: 9620228005, Mail: dsguruji@yahoo.com		
5 ✓	Dr. P. Viswanath Associate Professor & Head, Computer Science and Engineering Indian Institute of Information Technology, Sri City, Andhra Pradesh Contact: 7337324906, Mail: viswanath.p@iiits.in	Invited Member	Not Attended.
6 ✓	Dr Arun Agarwal Professor(Rtd), University of Hyderabad, Hyderabad. Contact: 9849283567 Mail: aruncs.211@gmail.com	Invited Member	Joined online.
7 ✓	Dr. Nirupama Bhat M Professor, Department of ACSE, VFSTR Deemed to be University Contact: 919908823834 Mail: drnmb_acse@vignan.ac.in	Internal Member	
8 ✓	Dr. D. Radha Rani Asso. Professor, Department of ACSE, VFSTR Deemed to be University Contact: 91 96763 54404 Mail: drdr_acse@vignan.ac.in	Internal Member (Nominee – Dean R&D)	
9 ✓	Dr Bala Krishna S Asst. Professor, Department of ACSE, VFSTR Deemed to be University Contact: 91 94415 40580 Mail: drsbk_acse@vignan.ac.in	Internal Member	

Dr Jyostna Devi Bodapati, Secretary, BTech CSE-AIML program initiated the meeting by welcoming and introducing the board members and presented program curriculum along with course content to the board.

The following points were discussed in the BoS meeting:

1. Reviewed R22 CSE-AIML curriculum
2. Discussed on L-T- P-C structure of various courses.
3. SWAYAM-NPTEL courses identification for department, open electives and honors
4. Presented Formative and summative assessment results
5. Discussed on CO-PO-PSO
6. CO-PO-PSO-PEO target values finalization

The following resolutions are incorporated after the discussion:

1. Dr Jyostna Devi initiated the presentation on the R22 CSE-AIML Curriculum. The External Board members expressed their opinion that the overall course structure of the program and the content of the courses are well-designed and are sufficient for the program at under graduate level. They provided a few suggestions to further improve the quality of the existing curriculum.
2. Prof. R.B.V Subramanyam suggested to change the L-T-P-C structure of Digital Logic and Computer Organization (22AM202) course from 2-2-0-3 to 2-0-2-3. This suggestion is accepted by the board as the hands-on knowledge is important in this course.

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3. Prof. Arun Agarwal suggested to include Pattern Recognition course in the department Electives pool as it gives essential knowledge related to AIML. This has been taken into consideration.
4. Prof. R.B.V. Subramanyam recommended renaming the "Object-Oriented Programming through JAVA" (22CS203) course title to "Object-Oriented Programming". This change is proposed to allow flexibility in using any object-oriented programming language, rather than being limited to Java alone. The intention is to provide students with a broader understanding of object-oriented programming concepts across various languages. Approval for this modification will be sought through relevant academic channels. A different Course code need to be given by AAA office for this course.
5. Prof. R.B.V Subramanyam suggested to change the title of Object Oriented Programming through JAVA (22CS203) course to Object Oriented Programming (Code need to be given by AAA office. This is recommended in view of having the freedom of using any object oriented programming language rather than restricting it to Java alone.
6. During the Board of Studies (BoS) meeting, the External Board recommended that the Advanced Computer Science and Engineering department introduce a Master of Technology (MTech) by Research program and a Doctor of Philosophy (PhD) program specializing in Artificial Intelligence and Machine Learning (AIML) and Advanced Learning. The Internal Board informed that a proposal on the same has already been forwarded to the registrar's office and expressed their acceptance to consider this proposal. This initiative is seen as a means to enhance academic opportunities and research initiatives in the rapidly evolving and critical domain of AIML. The internal board believes that this move can significantly contribute to the academic landscape, fostering innovation and expertise within the Advanced Computer Science and Engineering department.
7. During the discussion, Professor Arun Agarwal proposed offering Fundamentals of Image Processing (22AM304) during the third semester and Computer Vision (22AM803) during the fourth semester as core courses. According to him, these courses are essential for AIML graduates and provide foundational knowledge. Additionally, he recommended to include Formal Languages and Automata Theory (22DS203) as an elective. The Internal Board acknowledged these suggestions and expressed agreement with the proposed changes. However, they emphasized the need for a thorough discussion in the next Board of Studies (BoS) meeting before implementing these alterations. If approved in the upcoming BoS meeting, these changes are expected to take effect from the next academic year.
8. After thorough discussions, the board suggested to consider the following SWAYAM-NPTEL courses during III and II years:

Type of Course	Yr and Sem	Courses
Honors	III-II	Modern Computer Vision/ Deep Learning for Computer Vision
Dept Electives	III-I	Computer Vision / Computer Vision and Image Processing - Fundamentals and Applications
Honors	III-I	Applied Accelerated Artificial intelligence
Open Electives	II-II	Business analytics and data mining Modeling using R, Data Analytics with Python, Economic Sciences, Predictive Analytics - Regression and Classification, AI in Marketing, Management Data Analysis and Decision Making – I, Microprocessor and Interfacing, Sensors and actuators,

		Network Analysis, Artificial Intelligence (AI) for Investments E-business, Leadership and Team Effectiveness
Value Added Courses		Data Visualization, MLops, Azure Machine Learning, Data Mining and Warehousing

9. At the end there was a discussion on Course Outcomes (CO), Program Outcomes (PO), Program Specific Outcomes (PSO), Formative Assessment results, Summative Assessment results, and the target values for CO-PO-PSO-PEO were decided.

Based on the suggestions given by the members, the Chairperson of BoS told that, these fruitful suggestions would be considered in the curriculum and syllabi of the regulation R22.

There being no further points for discussion, the Chairperson thanks all the external, internal, invited members and announced that the meeting was adjourned.


Member Secretary



Chairperson

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