

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

VFSTR DEEMED TO BE UNIVERSITY**Department of Advanced Computer Science & Engineering****CIRCULAR**

Date: 08.12.2023

Department of Advanced CSE is going to conduct Board of Studies (BoS) meeting for the B.Tech CSE– Cyber Security Programme on **21.12.2023** from 12.00 PM in blended mode. (Physical meeting : N604, Nagarjuna Block, VFSTR and virtual meeting link: <https://us06web.zoom.us/j/87530591584?pwd=Wbc2loqXanEqmqvPCO3nVwmjqiKeGl.1>).

All the members of B.Tech - CSE Cyber Security Board of Studies are requested to make it convenient to attend the meeting.

S.No	Name of the Member	Designation and Affiliation	Role
✓ 1	Dr. Venkatesulu Dondeti	Professor & Head, Department of ACSE, VFSTR Deemed to be University	Chair Person
✓ 2	Dr. D Radha Rani	Associate Professor, Department of ACSE, VFSTR Deemed to be University	Secretary (Ex-officio)
✓ 3	Dr. Venkatesan S	Associate Professor, Department of IT, IIIT Allahabad	External Member
✓ 4	Dr.B.Venkata Ramana	Associate Professor & HoD Department of CSE, IIT Tirupathi	External Member
✓ 5	Dr.B M Mehtre	Professor, Center for Cyber Security and Data Privacy, IDBRT, Hyderabad	Invited Member
✓ 6	Dr. Digambar Pawar	Associate Professor, University of Hyderabad, Hyderabad	Invited Member
✓ 7	Dr. Nirupama Bhat	Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member
✓ 8	Dr. Bala Krishna S	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member
✓ 9	Mr. Amar Jukuntla	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – School Dean)

✓ 10	Dr. B Jyostna Devi	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – Dean R&D)
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For
Sign

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



(Chair Person)

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Dept. of Advanced Computer Science & Engineering
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VFSTR DEEMED TO BE UNIVERSITY

Department of Advanced Computer Science & Engineering

Date: 21.12.2023

Minutes of Board of Studies Meeting

Board of Studies (BoS) meeting of B.Tech.,CSE – Cyber Security programme was conducted on 21.12.2023 in blended mode from 12.00 PM to 01.00 PM. (Physical meeting : Conference Hall, Third floor, JC Bose Block, VFSTR and virtual meeting link: <https://us06web.zoom.us/j/87530591584?pwd=Wbc2loqXanEqmqvPCO3nVwmjqiKeGl.1>.)

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The following members were present either thorough offline or online.

S.No	Name and Designation of the Member	Role	Signature
1	Dr. Venkatesulu Dondeti Professor & Head, Department of ACSE, VFSTR Deemed to be University	Chair Person	
2	Dr. D Radha Rani Associate Professor, Department of ACSE, VFSTR Deemed to be University	Secretary (Ex-officio)	
3	Dr. Venkatesan S Associate Professor, Department of IT, IIIT Allahabad	External Member	Attended online
4	Dr.B. Venkata Ramana Associate Professor & HoD Department of CSE, IIT Tirupathi	External Member	Attended online
5	Dr.B M Mehtre Professor, Center for Cyber Security and	Invited Member	Attended online

	Data Privacy, IDBRT, Hyderabad		
6	Dr. Digambar Pawar Associate Professor, University of Hyderabad, Hyderabad	Invited Member	Attended online
7	Dr. Nirupama Bhat Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member	
8	Dr. Bala Krishna S Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member	
9	Mr. Amar Jukuntla Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – School Dean)	
10	Dr. B Jyostna Devi Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – Dean R&D)	

Chairperson Dr. Venkatesulu Dondeti, Professor and Head, Department of ACSE, VFSTR initiated the meeting by welcoming and introducing the external members, invitees to the internal members. Secretary Dr. Deevi Radha Rani, Associate Professor, Department of ACSE, VFSTR presented program curriculum along with course content to the board.

The following points were discussed in the BoS meeting:

1. Reviewing the course structure and content introduced in R22 regulation
2. Discussion on revision of Course contents
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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
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9. Any other points based on the requirements with the permission of Chair

The following resolutions made after the discussion:

1. Secretary, Dr. D. Radha Rani has initiated the presentation on R22 B. Tech CSE – Cyber Security 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. Internal BoS members proposed to include ‘P’ part for Digital Logic and Computer Organization (22AM202) course as the hands-on knowledge is important in this course. External board members accepted 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 change is going to be effective from A.Y. 2024-25. Also it is suggested to reduce the course content module II of DLCO course.

3. Internal BoS members proposed to rename 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. External Board members accepted for the change. A different Course code need to be given by AAA office for this course. This change is going to be effective from A.Y. 2024-25.
4. Internal BoS members requested board to suggest list of courses to be offered as department elective. Dr.B.Venkata Ramana and Dr. S Venkatesan suggested to offer “Wireless Networks”, “Intrusion Detection and Prevention System”, “Ethical Hacking” as department Elective courses. This change is going to be effective from A.Y. 2023-24.
5. During B. Tech CSE-AIML BOS meeting, the external BOS members suggested to change the course title of “Design and Analysis of Algorithms” to “Algorithms and Analysis”. As the same course is also offered in B. Tech CSE-Cyber Security, internal members proposed to adapt the same change. External board members accepted to rename “Design and Analysis of Algorithms” (22CS206) as “Algorithms and Analysis”. This change is going to be effective from A.Y. 2023-24.
6. Internal BoS members proposed to change the L-T-P-C structure of “Cyber Crimes and Cyber Laws” (22CY203) course from 2-2-0-3 to 2-0-2-3 as practical implementation of cyber-attacks and prevention methods is important and need to be practiced. External board members accepted to include ‘P’ part to the course. This change is going to be effective from A.Y. 2023-24.
7. Dr.B.Venkata Ramana and Dr. S Venkatesan suggested to combine “Formal Languages and Automata Theory” and “Compiler Design” as one course and move “Machine Learning” as core course instead of elective. Internal & External BoS members accepted their suggestions and done modifications accordingly. This change is going to be effective from A.Y. 2024-25.
8. Dr. B M Mehtre suggested to include the concept of “Digital Certificate” in Module 1 of the course and change the course title “Cryptography and Network Security” as “Information Security”. Internal BoS members accepted their suggestions and done modifications accordingly. This change is going to be effective from A.Y. 2024-25.
9. Internal BoS members requested to suggest Cyber Security Honors course to be offered in II B.Tech II Semester. Dr.B M Mehtre suggested to include any course related to Privacy or can offer “Privacy and Security in Online Social Media” NPTEL course as a part of Honors in II Year II Semester. Internal BoS members accepted their suggestions and done modifications accordingly. This change is going to be effective from A.Y. 2023-24.
10. External Board suggested to include security specific topics in “Operating Systems” and “Computer Networks” to customize the courses towards Programme specific. Internal BoS members accepted their suggestions and done modifications accordingly. A different Course code need to be given by AAA office for this course. This change is going to be effective from A.Y. 2023-24.

11. Dr. Digambar Pawar suggested to rename "Tools and Techniques of Ethical Hacking" as "Ethical Hacking" and Dr. B M Mehtre suggested to rename "Secure Coding and Software Security" as "Defensive Programming". Internal members of the BoS accepted the suggestion and updated the course titles accordingly. This change is going to be effective from A.Y. 2024-25.
12. BoS chairman proposed to start Ph.D program in the area of Cyber Security, Biometrics and Forensics and to introduce a Master of Technology (M.Tech) by Research program from A.Y. 2024-25. All the BoS members accepted the proposal.
13. The board suggested few SWAYAM-NPTEL courses to be included in the curriculum, recognizing their relevance and potential to enhance the students' knowledge and skills in the field of Cyber Security. After thorough discussion following courses are suggested: Secure Computation, Privacy and Security in Online Social Media, Ethical Hacking, Cyber Security and Privacy, Social Network Analysis.
14. 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, those fruitful suggestions would be incorporated appropriately 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.


Secretary


Chairperson

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