



# 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: 17.12.2024

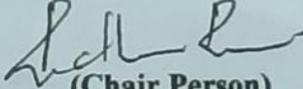
Department of Advanced CSE is going to conduct Board of Studies (BoS) meeting for the B.Tech CSE- Cyber Security Programme on **24.12.2024** from 11.00 AM in blended mode. (Physical meeting : N604, Nagarjuna Block, VFSTR and virtual meeting link: <https://us06web.zoom.us/j/86047600832?pwd=0t46LVAYbf8LvoYapQQohTK9a44WxS.1>. 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. D Radha Rani	Associate Professor & HoD, Department of ACSE, VFSTR Deemed to be University	Chair Person
2	Dr. <b>B</b> Sudha Rani	Senior Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Secretary (Ex-officio) <i>B. Sudha Rani</i>
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. Venkatesulu Dondeti	Professor & Addl. Dean, Department of ACSE, VFSTR Deemed to be University	Invited Member
8	Dr. Nirupama Bhat	Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member
9	Dr. Bala Krishna S	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member

10	Mr. Amar Jukuntla	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – School Dean)
11	Dr. Javed Ahmed Dar	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – Dean R&D)

**Agenda of the BoS Meeting:**

1. Reviewing the course structure and content introduced in R22 regulation
2. Discussion on revision of Course contents
3. Previous semester performance: Formative Assessment and NPTEL
4. Recommended NPTEL Courses for dept elective and honors
5. Digital Forensics course content approval
6. Review of course content of the CS courses offered in the next semester
7. Any other points based on the requirements with the permission of Chair

  
(Chair Person)

Dr. D Radha Rani



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**VFSTR DEEMED TO BE UNIVERSITY**

**Department of Advanced Computer Science & Engineering**

Date: 25.12.2024

**Minutes of Board of Studies Meeting**

Board of Studies (BoS) meeting of B.Tech., CSE – Cyber Security programme was conducted on 24.12.2024 in blended mode from 11.00 AM to 12.00 PM. (Physical meeting : N604, Nagarjuna Block, VFSTR and virtual meeting link: <https://us06web.zoom.us/j/86047600832?pwd=0t46LVAYbf8LvoYapQQohTK9a44WxS.1>.)

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The following members were present either thorough offline or online.

S.No	Name of the Member	Designation and Affiliation	Role
1	Dr. D Radha Rani	Associate Professor & HoD, Department of ACSE, VFSTR Deemed to be University	Chair Person
2	Dr. B. Sudha Rani	Senior Assistant 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	Attended online
7	Dr. Venkatesulu Dondeti	Professor & Addl. Dean, Department of ACSE, VFSTR Deemed to be University	Invited Member	QV
8	Dr. Nirupama Bhat	Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member	
9	Dr. Bala Krishna S	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member	
10	Mr. Amar Jukuntla	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – School Dean)	
11	Dr. Javed Ahmed Dar	Assistant Professor, Department of ACSE, VFSTR Deemed to be University	Internal Member (Nominee – Dean R&D)	

Chairperson Dr. Deevi Radha Rani, Associate Professor & HoD, 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
3. Previous semester performance: Formative Assessment and NPTEL
4. Recommended NPTEL Courses for dept elective and honors
5. Digital Forensics course content approval
6. Review of course content of the CS courses offered in the next semester
7. Any other points based on the requirements with the permission of Chair

**The following resolutions made after the discussion:**

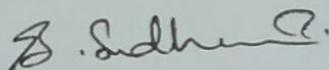
1. Chairperson, Dr. D. Radha Rani has initiated the presentation on R22 B. Tech CSE – Cyber Security Curriculum. The External Board members expressed their opinion that the overall course structure of the program and the content of the courses are well-designed and are sufficient for the program at under graduate level. They provided a few suggestions to further improve the quality of the existing curriculum.
2. Dr. Venkatesan S suggested to include the concept of “Cryptocurrency Forensics Analysis” in Module 2 of the “Blockchain Technology” course. Internal BoS members accepted their suggestions and made modifications accordingly.
3. Dr. Digambar Pawar proposed incorporating open-source tools in “Digital Forensics” course to enhance the practical learning experience. Recommendations included “Autopsy”, a tool for digital forensic investigations and data analysis, and “CAINE” (Computer Aided Investigative Environment), a Linux-based distribution for forensic tasks. These tools aim to provide students with hands-on experience and practical exposure to real-world forensic applications. The Board agreed on their inclusion to enrich the learning process.
4. Dr. B M Mehtre recommended to include the “Chain of Custody” in the “Digital Forensics” course to emphasize the importance of preserving and documenting the

integrity of digital evidence. This suggestion is accepted by the Internal BoS members, as it will help students understand the correct procedures for handling evidence during investigations.

5. Dr. Venkata Ramana suggested the inclusion of "Ransomware Attacks" in the "Digital Forensics" course to enhance students' understanding of emerging cyber threats. Internal BoS members accepted this suggestion and made modifications accordingly.
6. Dr. S Venkatesan suggested to include "Splunk" and "Sleek" in the "Intrusion Detection and Prevention System" course to enhance students' practical knowledge in monitoring and analyzing network security.
7. The Board suggested to include "Emerging Topics in Cyber Security" and "Incident Response Plan" as department electives to provide students with up-to-date knowledge and skills in addressing current challenges in cybersecurity.
8. At the end there was a discussion on Course Outcomes (CO), Program Outcomes (PO), Program Specific Outcomes (PSO), Formative Assessment results.

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.

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

