



Minutes of Board of Studies Meeting

Date: 14th November 2025

The First Board of Studies Meeting of the Department of Computer Science and Engineering was held online on 14.11.2025 at 11:00 AM via MS Teams platform to finalize the syllabus for I and II M.Tech (CSE). The following members were present:

| S.No | Name of the BoS Member | Designation | Signature |
|------|-----------------------------|---|-----------|
| 1 | Mr.G.Venkata Ratnam | Chairman, Assoc.Prof & HoD CSE | |
| 2 | Dr. MHM Krishna Prasad | JNTUK Nominee, External Member | |
| 3 | Dr.Gangadhara Rao Kancharla | Other University Nominee, External Member | |
| 4 | Dr. K.Shahu Chatrapati | Other University Nominee, External Member | |
| 5 | Dr.B.Raja Srinivasa Reddy | Other Autonomous College Nominee, External Member | |
| 6 | Mr. Padavala Satish Kumar | Industry Expert , External Member | |
| 7 | Mr. LNV.Rao | Member | |
| 8 | Mr. V.Ramu | Member | |
| 9 | Mrs. K.Lakshmi Prasuna | Member | |
| 10 | Mrs.K.Ranjithakala | Member | |
| 11 | Mr.G.Hanuma Narendra | Member | |
| 12 | Mr.MPS Santhosh | Alumni | |

At the onset of the meeting, the Chairman of BoS, Mr.G.Venkata Ratnam, welcomed all the members and introduced members to the External Subject Experts. The meeting began with the presentation of course structure of first, second years MTech (CSE) first and second year by the chairman. He then presented the syllabus of all subjects of M.Tech (CSE) under VKR-25 regulations, prepared by the internal BOS members.

Resolutions in Meeting

Agenda : To discuss and finalize the course structure of VKR-25 (Autonomous) and syllabus of the all semesters of M.Tech(CSE).

Resolutions: Course Structure of M.Tech(CSE) Programme of VKR-25 (Autonomous) and syllabus of the all semesters is approved by the Board of Studies Committee.

Encl: **Annexure –I**

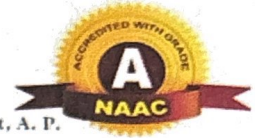
General Comments

1. JNTUK Nominee Dr.MHM Krishna Prasad has suggested changing class duration to one hour; also he made suggestions about elective subjects.
2. ANU Nominee Dr.Gangadhara Rao Kancharla enquired about internal and external evaluation procedures. Mr G.Venkata Ratnam explained the norms being followed at VKR.
3. JNTUH Nominee Dr. K.Shahu Chatrapati has asked to include web links for subjects .
4. The external BoS members expressed their satisfaction towards the contents for each subject prepared by the internal BoS members.

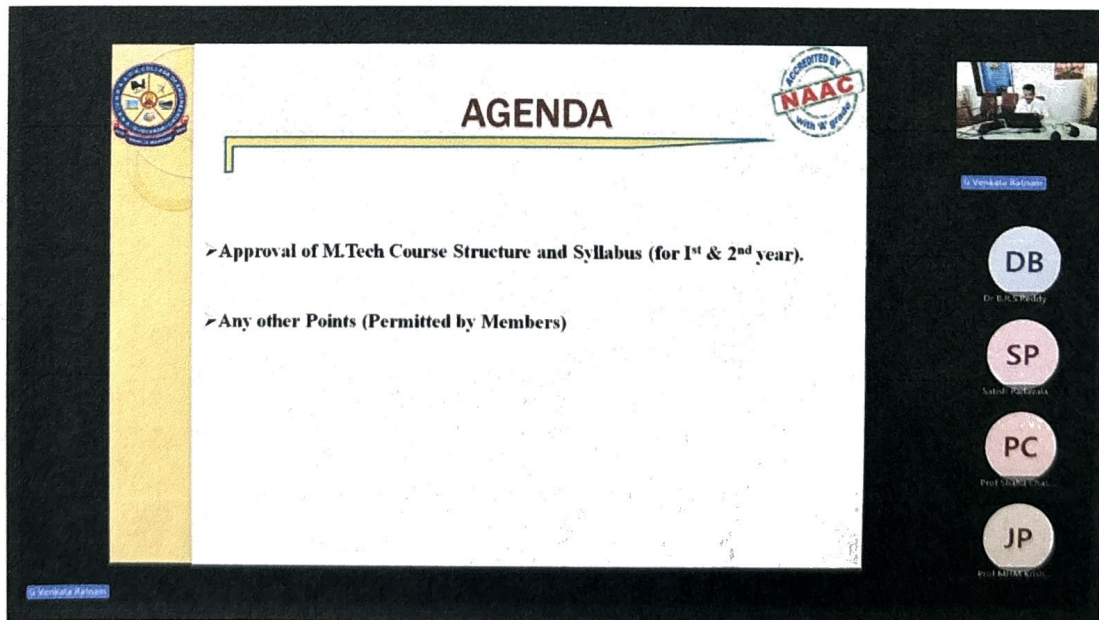
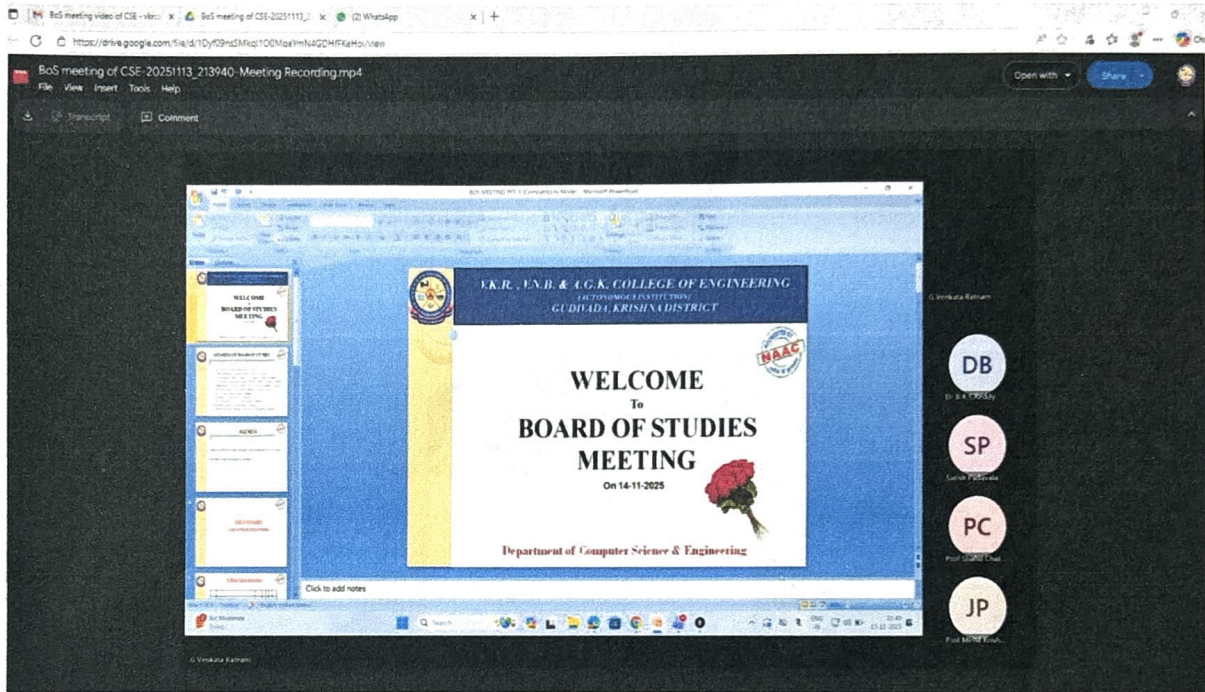


VKR, VNB & AGK
COLLEGE OF ENGINEERING
An Autonomous Institution

Approved by AICTE, New Delhi;
Affiliated to JNTUK, Kakinada
An ISO 9001:2015 Certified Institute,
Accredited by NAAC 'A'
GUDIVADA - 521301, Krishna District, A. P.



Online Meeting Screen Shots:





MEMBERS OF BOARD OF STUDIES



1. Mr. G.Venkata Ratnam, HoD CSE (Chairman)
2. Dr. M.H.M.Krishna Prasad, Professor, (JNTUK Nominee)
3. Dr. K.Gangadhara Rao, Professor, ANU, (Other University Nominee)
4. Dr. K. Shahu Chatrapati, Professor, JNTUH, (Other University Nominee)
5. Dr. B.R.S.Reddy, Professor, SVIET, (Other Autonomous college Nominee)
6. Mr. P.Satish Kumar, CEO, Ramson Techlabs, (Industry Expert)
7. Mr. LNV Rao, Assoc.Professor, (Member)
8. Mr.V.Ramu, . Assoc.Professor, (Member)
9. Mrs. K.Lakshmi Prasuna, . Assoc.Professor, (Member)
10. Mr. G.H.Narendra, . Assoc.Professor, (Member)
11. Mr.M.P.S.Santhosh, Technical Lead, Prodat Technologies (Alumni)



Mr. Venkata Ratnam

DB

Dr. B.R.S.Reddy

SP

Assoc. Prof. G.H.Narendra

PC

Prof. G.H.Narendra

JP

Prof. M.P.S.Santhosh

BoS meeting of CSE-20251113_213940 - Meeting Recording.mp4

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Transcription Comment

VVSR VVSR College of Engineering, Guntur
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
SVIET, VVSR

II Semester **SEMESTER COURSE** **L** **T** **P** **C**
PROGRAMME SCHEME (2024-25) **2** **4** **4** **2**

Course Objectives

- Understanding of the various security attacks and knowledge to recognize and prevent common coding errors that lead to vulnerabilities.
- Knowledge of various of the techniques for developing a secure application.
- Recognize opportunities to apply secure coding principles.

Course Outcomes: At the end of the course, students will be able to (COP) do the following:

| | | |
|-----|---|-----------|
| CO1 | Recognize the development of various software tools to secure coding practices. | Knowledge |
| CO2 | Apply secure program and recognize risk in the software's. | KT |
| CO3 | Identify various attacks that lead to vulnerabilities. | CA |
| CO4 | Develop Risk free software and vulnerabilities. | CA |

Mapping of course outcomes with program outcomes

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| CO1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Objectives of the course with Level of Contribution (i.e., L, H, M)

| UNIT | CONTRIBUTION | Level of Contribution |
|--------|---|-----------------------|
| UNIT 1 | Introduction: Need for secure systems, Proactive security development process, security principles to build secure modeling. | High |
| UNIT 2 | Secure Coding: C, C++, Java, PHP, Python, JavaScript, Node.js, Ruby, JavaScript and others. Malicious attacks for strings, pointers, memory overflows in pointer based programming. Buffer overflow, Race conditions. | High |
| UNIT 3 | Secure Coding in C++ and Java: Platform, runtime, compilation. Common errors in dynamic memory management, Mutexes, semaphores, Deadlock, and synchronization. Insecure security, Mitigation strategies. | High |

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