

Maisammaquda (V), Dhulapally (P)

Near Kompally, Medchal (M), Secunderabad - 500 100.

Email: nrcengineeringcollege@gmail.com, principal@nrcmec.org

Ph: 9949092454, 9000995454 [www.nrcmec.org](http://www.nrcmec.org)**NARSIMHA REDDY  
ENGINEERING COLLEGE****UGC AUTONOMOUS**Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad  
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****Minutes of the 3<sup>rd</sup> BoS Meeting**

The Board of Studies meeting of the Computer Science and Engineering was held on 26-09-2025 at 10AM in board room, M.G. Block.

**MEMBERS OF THE BOARD OF STUDIES:**

| S. No.                                                  | Name of the Member         | Designation                                                                                                                                                                                                                                                           | Role     |
|---------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.                                                      | Dr. P. Ramesh Babu         | Professor & HoD-CSE<br>CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous)                                                                                                                                                                           | Chairman |
| <b>University Nominee</b>                               |                            |                                                                                                                                                                                                                                                                       |          |
| 2.                                                      | Dr. A. Damodaram           | Senior Professor<br>Department of CSE<br>University College of Engineering,<br>Science & Technology Hyderabad,<br>Jawaharlal Nehru Technological<br>University Hyderabad<br>Kukatpally, Hyderabad                                                                     | Member   |
| <b>Subject Expert nominated by the Academic Council</b> |                            |                                                                                                                                                                                                                                                                       |          |
| 3.                                                      | Dr. R Sridevi              | Professor Department of CSE<br>& Director, Directorate of<br>Entrepreneurship, Innovation and Start-<br>ups.<br>University College of Engineering, Science<br>& Technology Hyderabad, Jawaharlal<br>Nehru Technological University Hyderabad<br>Kukatpally, Hyderabad | Member   |
| 4.                                                      | Dr. Venkata Ramana Badarla | Professor<br>Department of Computer Science and<br>Engineering<br>Indian Institute of Technology Tirupati<br>Yerpedu PO, Tirupati DT,<br>Andhra Pradesh                                                                                                               | Member   |
| <b>Industry Representative</b>                          |                            |                                                                                                                                                                                                                                                                       |          |
| 5.                                                      | Mrs. Sandhya Reddy         | Co - Founder and Technical Director,<br>Talentio Academy, Hyderabad                                                                                                                                                                                                   | Member   |
| <b>Department Faculty</b>                               |                            |                                                                                                                                                                                                                                                                       |          |
| 6.                                                      | Dr. K Anuradha             | Sr. Professor<br>CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous)                                                                                                                                                                                 | Member   |
| 7.                                                      | Dr. P. Dileep Kumar Reddy  | Professor<br>CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous)                                                                                                                                                                                     | Member   |
| 8.                                                      | Prof. Ch. Sri Lakshmi      | Professor                                                                                                                                                                                                                                                             | Member   |



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|------------------------------|----------------------|---------------------------------------------------------------------------------------------|--------|
| 9.                           | Dr. N. Srinivasa Rao | CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous)                        | Member |
|                              |                      | Associate Professor<br>CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous) |        |
| 10.                          | Dr. A. Jayanthi      | Associate Professor<br>CSE Department<br>Narsimha Reddy Engineering College<br>(Autonomous) | Member |
| <b>Alumni Representative</b> |                      |                                                                                             |        |
| 11.                          | M Yaswanth Reddy     | Software Developer<br>Tata Consultancy Services (Digital)<br>Hyderabad                      | Member |

**AGENDA:**

1. Confirmation of the minutes of the 2<sup>nd</sup> BoS meeting.
2. Approval of the **course structure** and **syllabus** for B.Tech NR25.
3. Approval of the **course structure** for the B.Tech CSE program under the NR25 Regulations (I semester to VIII semester).
4. Approval of the **syllabus** (I semester to IV semester) for the B.Tech CSE program under the NR25 Regulations.
5. Approval of the **syllabus** (V semester to VIII semester) for the B.Tech CSE program under the NR23 Regulations.
6. Revision of **course title** under NR23 Course Structure
7. Approval of **course syllabuses** offered to other departments by the Department of CSE under the NR25 Regulations
8. Any other item with the permission of chair.

Dr. P. Ramesh Babu, Head of the Department and Chairman, Board of Studies welcomed all the members to the BoS meeting and presented the agenda.

The members of the Board of Studies discussed the agenda item wise and resolved as per the details mentioned below.

**Item 1:** Confirmation of the minutes of the 2<sup>nd</sup> BoS meeting.

**Resolution:** Minutes of the 2<sup>nd</sup> BoS meeting were confirmed by the all members.

**NRCM**

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## Item 2: Approval of the **course structure** and **syllabus** for B.Tech NR25.

The Chairman presented the course structure (I semester to VIII semester) and syllabus (I semester to IV semester) of B.Tech CSE NR25.

The following suggestions are posed by the respective members.

- The Chairman informed the members that the course outcomes of all the courses are mapped with 11 PO's as per the new NBA guidelines.
- **Core Courses:** The need to update core courses with the latest advancements in computer science and engineering was discussed. Suggestions included adding more hands-on projects and industry- relevant topics.
- **Elective Courses:** Members recommended adding elective courses (V semester onwards) in emerging fields like artificial intelligence, Cyber security, and Data science.
- **Credit Distribution:** The discussion included adjusting credit distribution to give students more flexibility and giving emphasis to programming subjects.
- **Practical Experience:** The importance of practical experience through skill-oriented courses internships, projects are in placed in the respective semesters.
- **Industry Alignment:** The committee recommended establishing partnerships with industry stakeholders for effective curriculum implementation.
- **Dr. A. Damodaram**, Senior Professor, Department of CSE is enquired about the MOOC's courses as well as credit weightage.
- **Dr.R.Sridevi**, Professor, Department of CSE, Director-Directorate of Entrepreneurship, Innovation and Start-ups, suggested that all programming subjects be structured to include practical, hands-on activities such as lab exercises, mini-projects, and real-world case studies. This approach will allow students to apply theoretical knowledge in practical scenarios, enhancing their problem-solving skills and providing exposure to real-world industry challenges.
- The members suggested aligning project outcomes with emerging technologies and Sustainable Development Goals (SDGs) to ensure relevance, innovation, and societal impact.



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**Resolution:** The members are approved the same with the above suggestions/modifications for final Implementation.

**Item 3:** Approval of the **course structure** for the B.Tech CSE program under the NR25 Regulations (I Semester to VIII semester)

The chairman led the discussion on finalizing the course structure for the B.Tech CSE program.

After a comprehensive discussion, the following decisions were made:

- The course structure for B.Tech CSE was finalized, requiring 160 credits out of 164 credits for graduation.
- The core courses were approved after a discussion on their ability to prepare students for national-level competitive exams like GATE, NET, and SET.
- The list of elective courses was finalized to provide flexibility for students based on their interests.

**Resolution:** The members are approved the same with the above suggestions/modifications for final Implementation.

**Item 4:** Approval of the **syllabus** (I semester to IV semester) for the B.Tech CSE program under the NR25 Regulations.

Designing the **syllabus** for the first and second years of the B.Tech CSE program under the NR25 Regulations.

The members then designed the curriculum for the first and second years of the B.Tech CSE program:

- **First Year Syllabus:** All courses were designed with specific recommendations to enhance practical and conceptual learning. The Programming for Problem Solving course was suggested to include concepts of algorithms, flowcharts, and dynamic memory allocation. For the Data Structures course, a greater focus on nonlinear data structures was recommended. The Python Programming course was advised to incorporate additional problem-solving exercises to strengthen students' hands-on skills and application of theoretical concepts.
- **Second Year Syllabus:** The syllabus was carefully structured to encompass all essential topics across the major core courses. Specifically, for the Object-Oriented



Programming with Java course, it was recommended to emphasize fundamental OOP concepts to align with current industry requirements and ensure students are well-prepared for practical applications.

- Emphasis was placed on introducing skill-Development courses and ensuring the syllabus aligns with industry requirements and emerging technologies.

**Resolution:** The members are approved the same with the above suggestions/modifications for final Implementation.

**Item 5:** Approval of the **syllabus** (V semester to VIII semester) for the B.Tech CSE program under the NR23 Regulations.

Designing the **syllabus** for the third and fourth years of the B.Tech CSE program under the NR23 Regulations.

The members then designed the curriculum for the third and fourth year of the B.Tech CSE program:

- **Third Year Syllabus:** Courses were designed, including Professional Electives and Open Electives.
- **Fourth Year Syllabus:** The syllabus was designed to include industry oriented mini & major projects/Summer internships in all major core courses.
- **Dr. A. Damodaram**, Senior Professor, suggested to include Quantum Computing and Scripting Languages courses in the professional electives.
- Emphasis was placed on introducing skill-Development courses and ensuring the syllabus aligns with industry requirements and emerging technologies.

**Resolution:** The members are approved the same with the above suggestions/modifications for final Implementation.

**Item 6:** Revision of course title under NR23 Course Structure

- The Board reviewed the existing course titled "Machine Learning" under NR23 Regulations.
- Members observed that the scope of the syllabus also includes application-oriented aspects, which were not adequately reflected in the earlier title.



**Resolution:** The Board unanimously approved the change of course title from Machine Learning to Machine Learning and its Applications under NR23 Regulations

**Item 7:** Approval of course syllabuses offered to other Departments by the Department of CSE under the NR25 Regulations

- The Board reviewed the syllabus of courses proposed by the Department of Computer Science and Engineering (CSE) for cross-departmental offering, including C Programming and Data Structures, Linux and Shell Programming Lab, Data Analytics and Python for Engineers, and Web and Mobile Applications Lab, to ensure relevance and applicability for students from other disciplines.
- The members thoroughly examined the course content, assessed the learning outcomes, and evaluated their alignment with the academic requirements of the recipient departments to ensure relevance and effectiveness.

**Resolution:** The Board unanimously approved the syllabuses of the courses offered by the Department of CSE to other departments under the NR25 Regulations.

**Item 8:** Recommendations/suggestions of BoS members.

- Students should be encouraged to pursue MOOC certifications, with registration allowed one semester in advance, and actively participate in Hackathons to foster innovation, problem-solving skills, and practical exposure.
- The institute should facilitate and support students in securing industry-oriented internships to enhance hands-on learning and employability.



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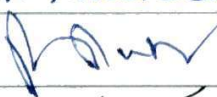
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The board of studies members reviewed the modified course structure and syllabus with their recommendations/suggestions being incorporated appropriately. However the above suggestions are made to ensure the overall competence of the students for better employability.

Finally, the members approved the same for final implementation.

The meeting concluded with vote of thanks by Dr. P. Ramesh Babu, Chairman of Board of Studies.

## Members Present:

| S.No. | Name of the Member         | Signature                                                                             |
|-------|----------------------------|---------------------------------------------------------------------------------------|
| 1     | Dr. P. Ramesh Babu         |     |
| 2     | Dr. A. Damodaram           |    |
| 3     | Dr. R Sridevi              |     |
| 4     | Dr. Venkata Ramana Badarla |   |
| 5     | Mrs. Sandhya Reddy         |  |
| 6     | Mr. Yaswanth Reddy         |  |
| 7     | Dr. K Anuradha             |   |
| 8     | Dr. P. Dileep Kumar Reddy  |  |
| 9     | Prof. Ch. Sri Lakshmi      |  |
| 10    | Dr. N. Srinivasa Rao       |  |
| 11    | Dr. A. Jayanthi            |  |



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