



Department of Computer Science and Engineering

MINUTES OF BoS (CSE) MEETING

Dt: 24-04-2026

CSE/BoS/01/2026

Minutes of the 15th CSE Department BoS Meeting, held on 24th April 2026, at 01.30 PM in CSE Lab – I, in hybrid mode.

Members Present:

1. Prof. S. China Ramu, Professor & Head of the Dept. CSE Dept. (Chairperson)
2. Prof. M Venkat Dass, Chairperson, BoS, Osmania University & Osmania University Nominee Member
3. Dr. Suresh Kumar Lokhande, Professor, CSE Dept, Osmania University & Special Invitee
4. Dr. Nagender Kumar S, Assoc. Professor, SCIS, UoH. & Subject Expert
5. Mr. M. Nagarjuna Reddy, Team Manager, SAP Labs India Pvt. Ltd. & Alumni
6. Mr. M. Venkat Rao, Associate Vice President, Sunsoft Solutions Inc. & Industry Expert Member
7. Srinadh Bodepudi, Senior Project Manager, DXC Technology & Industry Expert Member
8. Mr. Akash Sinha, Head, Learning and Development, L4G & Industry Expert Member
9. Prof. M.Swamy Das, Professor, CSE Dept. & Member
10. Prof. Raman Dugyala, Professor, CSE Dept. & Member
11. Dr. V. Padmavathi, Associate Professor, CSE Dept. & Member
12. Dr. V.Uma Maheswari, Associate Professor, CSE Dept. & Member
13. Dr. M. Venkata Krishna Reddy, Assistant Professor, CSE Dept. & Member

Special Invitees:

1. Dr. T.Sridevi, Associate Professor, CSE Dept.
2. Dr. G. Kiran Kumar, Associate Professor, CSE Dept.
3. Dr. Kolla Morarjee, Associate Professor, CSE Dept.
4. Dr. B. Ramana Reddy, Assistant Professor, CSE Dept.
5. Mr. A. Mohan, Assistant Professor, CSE Dept.
6. Ms. D. Meenakshi, Assistant Professor, CSE Dept.
7. Ms. Anitha Gali, Assistant Professor, CSE Dept.
8. Ms. Alibha Patel, Assistant Professor, CSE Dept.
9. Mr. Ch. Raju, Assistant Professor, CSE Dept.

Leave of absence:

1. Dr. Praveen Tammana, Asst. Professor, CSE Dept, IITH. & Subject Expert
2. Mr. Srikanth Srinivasan, Sr. Director & Head - Membership & Outreach & Industry Representative
3. Mr. Rahul Katikineni, Lead Software Engineer, Freshworks & Alumni
4. Mr. Vihar Kurama, Co-founder, Plane so. & Industry Expert Member
5. Prof. R. Ravinder Reddy, Professor, CSE Dept. & Member
6. Prof. Sangeeta Gupta, Professor, CSE Dept.

Opening Remarks	:	The Chairperson greeted all the Members of the 15th BoS meeting and briefed them about the agenda.
Item No. 1	:	Confirmation of the minutes of the 14th BOS meeting held on 02-05-2025.
Minutes		Minutes of the 14 th BOS meeting held on 02-05-2025 were confirmed by the members.
Item No. 2	:	Approval of B.E. CSE R26 I & II Semesters Scheme and Syllabus.
Minutes		<p>The Chairperson, Prof. S. China Ramu, briefed the members on the Department Vision, Mission, PEOs, and PSOs. He presented the scheme and syllabus for the B.E. CSE R26 I and II semesters.</p> <p>The Chairperson informed the members that the Program Assessment Quality Improvement Committee (PAQIC) and Department Advisory Board (DAB) meetings were recently conducted, as it was mandatory to present the scheme and syllabus prior to the BoS meeting. The Chairperson then briefed the members on the suggestions received during these meetings. One of the key suggestions was to revise the course title “Communicative English” to “English for Professional Communication.”</p> <p>The following suggestions were put forth by the respective members.</p> <p>Prof. M. Venkat Dass, Chairperson, BoS, Osmania University, enquired about the course title “Data Structures using C Lab” and expressed concern about implementation in C. In response, the Chairperson, Prof. S. China Ramu, clarified that the inclusion of C is intended to help students understand coding techniques and develop logical thinking, while gaining familiarity with the language.</p> <p>Prof. M. Venkat Dass further suggested combining the “Data Structures using C Lab” and “Python Programming Lab” into a single laboratory course. In this regard, the Chairperson emphasized the importance of offering Python Programming as both a separate theory and laboratory course to ensure comprehensive understanding.</p> <p>Sri M. Venkat Rao, Industry Expert Member, enquired about the course content “Biochemistry.” In response, the Chairperson stated that the content is aligned with healthcare-related concepts, considering the increasing focus of the industry in this domain.</p> <p>Prof. M. Venkat Dass suggested incorporating Quantum Computing from the first semester onwards. In this regard, the Chairperson clarified that Quantum Computing concepts have been introduced through the course “Optics and Quantum Technologies,” offered as both theory and laboratory by the Physics Department.</p> <p>The members opined to introduce quantum computing concepts in the course “Bio Chemistry”. Further, Prof. M. Venkat Dass suggested offering the course with the title “Quantum Chemistry.” In this regard, Mr. Akash Sinha, Industry Expert Member, recommended including advanced chemistry concepts in the curriculum. In response, the Chairperson informed the esteemed members that the same will be communicated to the respective BoS Chairperson for necessary inclusion.</p>

Sri M. Venkat Rao enquired whether the “Community Engagement” course is necessary, given that it is a non-credit course. In response, the Chairperson clarified that the course is mandatory as per the AICTE Model Curriculum.

Dr. Nagendra Kumar S. suggested modifying the content of Unit IV in the course “Optics and Quantum Technologies” to align with Quantum Computing concepts, as the current content places greater emphasis on semiconductor topics. He further recommended introducing a handful number of experiments on Quantum Computing concepts in place of some semiconductor-based experiments in the laboratory course. In this regard, Sri Akash Sinha, Industry Expert Member, opined that the implementation of Quantum Computing experiments would largely require specialized hardware and associated costs. However, he suggested that such experiments could be conducted by the Physics Department through simulation and programming-oriented approaches, in coordination with the CSE Department, if required. The Chairperson informed the members that the same would be conveyed to the BoS Chairperson, Physics Department, for the necessary inclusion of the above-mentioned suggestions.

Further, Sri Akash Sinha appreciated the syllabus components included in the course “Problem Solving and Programming using C” (Theory and Lab). He also suggested incorporating application-oriented programs, use cases, and case studies in the laboratory course, and recommended specifying the IDE in Experiment 1. In response, the Chairperson informed that all the experiments in the lab course would be implemented from an application perspective and agreed to include the specific IDE in Experiment 1, as suggested.

Sri M. Nagarjuna Reddy, Industry Expert Member and Alumni, suggested reordering the experiments in the “Problem Solving and Programming using C” lab course by placing Experiment 8 before Experiment 7. The Chairperson stated that the suggestion would be conveyed to the concerned Course Expert Group (CEG) for incorporation.

Sri Akash Sinha, Industry Expert Member, suggested implementing the “Data Structures” laboratory course using an Object-Oriented approach to familiarize students with OOP concepts. In response, the Chairperson stated that the full-fledged Object-Oriented concepts are introduced exclusively in the “Java Programming” Theory and Laboratory course. He further reiterated that a value-added course on C++ is proposed to be conducted during the summer break after the II Semester to provide students with additional exposure to OOP concepts.

He also enquired about the inclusion of topics such as string functions, slicing, map, and filter in the “Python Programming” course. In response, the Chairperson clarified that these topics are covered in Unit I and Unit III, respectively.

Dr. Suresh Kumar Lokhande, Professor at Osmania University, suggested including an experiment on AVL trees in the “Data Structures using C Lab” course. He also opined that Unit III in the “Data Structures using C” Theory course has relatively less content compared to other units and recommended enriching it with additional topics and applications. He also suggested to incorporate latest and good books for the course “Problem Solving and

	<p>Programming in C". In response, the Chairperson stated that these suggestions would be conveyed to the concerned Course Expert Group (CEG) for further discussion and inclusion of the same.</p> <p>Dr. Suresh Kumar Lokhande opined that offering the course "Biochemistry" with an application-oriented approach at the I Semester level may not be feasible. Instead, he suggested that the course should focus on fundamental concepts relevant to engineering. He further recommended considering courses such as "Cognitive Science," "Cognitive Psychology," or "Problem Solving Skills" in place of "Biochemistry."</p> <p>In this regard, Sri Akash Sinha, Industry Expert Member, observed that the syllabus content appears to be relatively advanced for the First-Year level, and also noted that the prescribed textbooks may not be fully aligned with the course content. Dr. Nagendra Kumar S. suggested offering courses such as Cognitive Science, application-oriented Natural Sciences, or Engineering Chemistry as alternatives.</p> <p>In response, the Chairperson informed the members that a Chemistry course is suggested under the Basic Science Courses component as per the AICTE Model Curriculum. However, he assured that all the suggestions would be consolidated and conveyed to the concerned BoS Chairperson of the Chemistry Department for further consideration.</p> <p>Further, Sri Akash Sinha suggested specifying the IDE in Experiment 1 of the "Python Programming Lab" course. The Chairperson agreed to incorporate the suggestion.</p>
Item No.3	: Approval of BE CSE R26 – III Semester to VIII Semesters Scheme.
Minutes	<p>The Chairperson presented the scheme of B.E. CSE R26 for III to VIII Semesters.</p> <p>Dr. Nagendra Kumar S., Associate Professor, Central University of Hyderabad, Prof. M. Venkat Dass, and Sri M. Venkat Rao suggested shifting the course "Computer Organization and Architecture" from III Semester to IV Semester, as "Digital Logic Design" is a prerequisite, and both courses should not be placed in the same semester. In response, the Chairperson conveyed to the members that in PAQIC and DAB meetings, the "Computer Organization and Architecture" was placed in the IV semester only. Because of the request received from the Chairperson, Mathematics Department, we placed the "Computer Organization and Architecture" in the III Semester. He further agreed that "Computer Organization and Architecture" would be moved to IV Semester, and the course "Probability and Statistics" would be shifted from IV Semester to III Semester.</p> <p>Sri M. Venkat Rao enquired about the content of the Professional Elective-I course "Competitive Programming & Efficient Coding," offered in V Semester. In response, the Chairperson stated that the syllabus would be prepared by the concerned Course Expert Group (CEG) and subsequently placed before the BoS for approval.</p> <p>The Chairperson also mentioned that, during the Department Advisory Board (DAB) meeting, a suggestion was made to revise the title of the core course</p>

	<p>from “Information and Network Security” to “Information Security,” offered in VI Semester. He also stated that the course “Community Engagement” is being offered earlier by the SMS Department. Now, we are planning the same in coordination with NSS and ACIC at CBIT, with greater emphasis on societal activities.</p> <p>Sri M. Nagarjuna Reddy, Industry Expert Member and Alumni, enquired about the progression of programming languages and skill-based courses. In response, the Chairperson explained the course flow as follows: “Problem Solving and Programming using C” (Theory and Lab) is offered in I Semester; “Data Structures using C” (Theory and Lab) and “Python Programming” (Theory and Lab) are offered in II Semester; “Java Programming” and “Design and Analysis of Algorithms” (Theory and Lab) are offered in III Semester. Additionally, a value-added course on “C++ Programming” is proposed to be conducted during the summer break after the II Semester.</p>
Item No.4	: Approval of Open Electives offered to other departments.
Minutes	The Chairperson presented the list of Open Elective courses offered to other departments. He also said that some of the NPTEL courses can be offered as Open Electives to students of other Engineering/Technology branches. The members reviewed and approved the same.
Item No.5	: Approval for the syllabus of courses offered to other departments.
Minutes	<p>The Chairperson presented the syllabus of courses offered by the CSE Department to other departments.</p> <p>Regarding the course “Problem Solving and Programming using Python,” Sri Akash Sinha suggested placing the concepts of Functions and Modules before Arrays in Unit IV to ensure proper continuity of prerequisite knowledge for NumPy modules.</p> <p>Dr. Nagendra Kumar S. suggested including use cases and case studies in the laboratory course “Python Programming Workshop.” In response, the Chairperson stated that the suggestion would be conveyed to the concerned Course Expert Group (CEG) for discussion and incorporation.</p>
Item No.6	: Approval of M.Tech. CSE R26 I & II Semesters Scheme and Syllabus.
Minutes	<p>The Chairperson presented M.Tech. CSE R26 I & II Semesters Scheme and Syllabus. The members reviewed the same and offered the following suggestions:</p> <p>PE-II: Full Stack Development (T&L)</p> <p>Members suggested that the course may be replaced with “Advanced Operating Systems” or “Advanced Optimization Techniques” or any other course. If retained, the course should be updated to include real-world applications and research-oriented topics. In response, the Chairperson informed the members that the Full Stack Development (T&L) course will be replaced with the any other course. He also informed that the “Advanced Operating Systems” course contents were already covered in the “Concurrent Programming” course.</p> <p>Data Science and Big Data Analytics</p>

Members suggested replacing Textbooks and Suggested Readings, and the Kafka tool should be included. In Response, the Chairperson agreed to update the same.

PE-I: Advanced Databases

Members recommended including advanced concepts such as vector databases and multimodal databases. In response, the Chairperson agreed to update the suggested advanced concepts in this course.

PE-II: Data Visualization (T&L)

It was suggested to remove introductory topics on Pandas and NumPy and update the course with advanced visualization concepts. Further, merging of Unit I with Unit II, and Unit III with Unit IV was recommended. Inclusion of advanced data representation techniques and updating the laboratory accordingly were also suggested. Members recommended referring to syllabi from reputed institutions. In response, the Chairperson agreed to include the suggested advanced concepts in this course and also remove the suggested contents from this course.

PE-II: Software Defined Networking (T&L)

Members suggested including experiments related to controller development, application development using APIs, L2 switches, firewalls, and traffic analysis. It was also recommended to update Experiments 3 and 5, while continuing Experiment 5 with controllers. In response, the Chairperson agreed to update the suggested laboratory experiments in this course.

Cyber Security (T&L)

Members suggested updating the prerequisites of the course. The Chairperson agreed to update the same.

Distributed Cloud Computing

Members suggested revising the course title to “Distributed Computing.” This course content covers cloud-based distributed computing. Hence, the Chairperson expressed the opinion to keep the title of the course as “Distributed Cloud Computing.”

Natural Language Processing (T&L)

Members recommended to review the syllabus for redundancy with other courses and to revise the laboratory experiments accordingly. The Chairperson agreed to update the same.

PE-III: Web Intelligence (T&L)

Members suggested including Web Intelligence concepts integrated with APIs and updating Experiment 5 with advancements in web crawling techniques. The Chairperson agreed to update the web crawling experiment and Web Intelligence concepts integrated with APIs.

PE-III: Generative AI (T&L)

Members suggested to review the course content for redundancy with other courses, update Unit I, and revise laboratory experiments accordingly. The Chairperson agreed to update the same.

	<p>PE-III: Internet of Things (T&L)</p> <p>Members recommended adding Py Cameras for video capture and processing using AI/ML algorithms. Inclusion of content on wearable devices, smart wearables, and smart glasses was suggested. Further recommendations included updating the course towards cloud-based development, incorporating the MQTT protocol (corrected from LTTP), and cloud processing programs, IoT, and security integration. Experiments 3, 4, 5, and 6 may be combined into a single experiment. Inclusion of predictive maintenance and real-world applications was also suggested. Experiment 9 should be updated. In response, the Chairperson agreed to include the suggested advanced concepts in this theory and lab.</p> <p>PE-III: Artificial Intelligence for Robotics Lab</p> <p>Members suggested to include one additional experiment. The Chairperson agreed to update the same.</p> <p>PE-III: DevOps Tools Lab</p> <p>Members noted that virtualization is missing and recommended adding an experiment on virtualization. The Chairperson agreed to update the same.</p> <p>Prof. Raman invited suggestions from the expert members regarding AI Integration Tools. In response, the expert members recommended various AI tools that could be integrated into the curriculum to enhance learning and practical exposure.</p>
Item No.7	: Approval of M.Tech CSE R26 – III & IV Semesters Scheme.
Minutes	The Chairperson presented M.Tech. CSE R26 III & IV Semesters Scheme. The members reviewed the same and approved.
Item No.8	: Any other Item with the permission of the Chair.
Minutes	The Chairperson informed the members that the revised scheme and syllabus, after incorporating the suggestions along with the courses offered to other departments, will be circulated at the earliest.

There being no other item, the meeting concluded with a vote of thanks.



Chairperson-BoS,

CSE Dept.