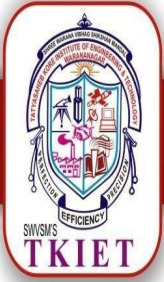


Shree Warana Vibhag Shikshan Mandal's



TATYASAHEB KORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)



Minutes of
6th (sixth) Board of Studies
Meeting of
Department of Computer Science and
Engineering held on Saturday, 31st May 2025 at
10:30 AM

SWVSM's
Tatyasaheb Kore Institute of Engineering and Technology, Warananagar

Tal-Panhala Dist-Kolhapur 416113 (Maharashtra)
(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)
Department of Computer Science and Engineering

Board of Studies Meeting - 06 (Sixth)

Day & Date :- Saturday, 31-May-2025
Time :- 10:30 AM onwards
Mode of Meeting :- Online (Google Meet) for external BoS members
Venue :- Conference Hall

AGENDA

| | | |
|---------------------|----------|---|
| Item No. 6.1 | : | Greeting and Welcoming the BoS members. |
| Item No. 6.2 | : | Appointment & Approval of new BoS Members |
| Item No. 6.3 | : | Review & confirmation of the minutes of last BoS Meeting No.5 held on Thu, 24 July 2024 and Action Taken Report (ATR) on the recommendations received |
| Item No. 6.4 | : | Discussion on proposed T.Y.B.Tech (Sem-V & Sem-VI) Syllabus Structure & Syllabi as per NEP 2020 |
| Item No. 6.5 | : | Approval and confirmation of T.Y.B.Tech Syllabus Structure and Course-wise syllabus contents to be implemented w.e.f. AY 2025-26 |
| Item No. 6.6 | : | Discussion on proposed structure of Final Year B.Tech (Sem-VII & Sem-VIII) Syllabus structure as per NEP 2020. |
| Item No. 6.7 | : | Approving the panel of Examiners for T.Y. B.Tech |
| Item No. 6.8 | : | Any other points with the permission of the Chair, concluding remarks and Vote of Thanks |

Prof. I. I. Tamboli
BoS, Member Secretary

Dr. R. B. Patil
BoS Chairman & HoD, CSE

Tatyasaheb Kore Institute of Engineering and Technology, Warananagar

Tal-Panhala Dist-Kolhapur 416113 (Maharashtra)

(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)

Department of Computer Science and Engineering

Department of Computer Science and Engineering

Board of Studies

| Sr. No. | Composition | Name & Affiliation | Nominated By | Remark |
|------------------------|---|--|---|--|
| 1. | Head of Department | Dr. R. B. Patil | Principal | BoS Chairman |
| 2. | Two Subject Experts from outside the parent University | Dr. S. L. Deshpande <i>HoD and Professor, CSE VTU Belagavi</i> | Academic Council | Member |
| | | Dr. (Mrs.) V.S. Inamdar <i>Associate Professor, College of Engineering, Pune</i> | | Member |
| 3. | One Expert from the panel of 6 recommended members by the College Principal | Dr. D.V. Kodavade <i>Head of Department & Professor in Computer Sc. & Engineering, Dean (Projects and Consultancy), DKTE, Ichalkaranji</i> | Vice Chancellor, Shivaji University, Kolhapur | Member |
| 4. | One representative from Industry /Corporate sector/allied area related to the placement | Mr. Dinesh Kothavade <i>Project Manager, TCS Pune</i> | Principal/ HoD /TPO | Member |
| | | Mr. Hrishikesh Hirve <i>Senior Manager, Capgemini</i> | | Member |
| | | Mr. Nilesh Ratnaparkhi <i>CTO, iauru Systems Pvt.Ltd Pune</i> | | Member |
| 5. | One PG meritorious Alumnus | Dr. Sachin Patil <i>Professor and Head CSE (AI-ML), Rajarambapu Institute of Technology (Autonomous), Islampur.</i> | Principal/ HoD | Member Expert from outside the college whenever special courses of studies are to be formulated |
| 6. | Member from all faculty within the department | Dr. S.R. Aralimatti | HoD/ Chairman | Members |
| | | Prof. A. S. Phalle | | |
| | | Prof. D. B. Mirajkar | | |
| | | Prof. A.G.Patil | | |
| | | Prof. Mrs. B. A. Chougule | | |
| | | Prof. R. C. Shikkeri | | |
| | | Prof. H. M. Kelur | | |
| | | Prof. R. G. Hiregoudar | | |
| | | Prof. K. N. Kamble | | |
| | | Prof. M.S. Bhosale | | |
| | | Prof. S. B. Sagare | | |
| | | Prof. P. K. Patil | | |
| | | Prof. V. C. Patil | | |
| | | Prof. Mrs. S.Savitha | | |
| | | Prof. Mrs. A. E. Mane | | |
| | | Prof. Mrs. S. D. Mule | | |
| | | Prof. Mrs. S. V. Nikam | | |
| | | Prof. Mrs. P. P. Shirgaonkar | | |
| | | Prof. P. V. Nalwade | | |
| | | Prof. R. D. Gade | | |
| Prof. Mrs. R.Y Kumbhar | | | | |
| Prof. R. S. Kumbhar | | | | |
| Prof. Mrs. T. H. Patil | | | | |
| Prof. Mrs. A.A.Parekh | | | | |
| 7. | Senior Faculty within Department | Prof. I. I. Tamboli | HoD/BoS Chairman | Member Secretary |

MINUTES OF MEETING

The 6th (Sixth) Board of Studies Meeting of the Department of Computer Science and Engineering was held on 31st May, 2025 at 10.30 AM in the Conference Hall, T.K.I.E.T Warananagar, through Online (Google Meet)

Following BoS members were present during the meeting

| Sr. No. | BoS Member | Remark |
|--|-----------------------------|---------------------|
| Academic Experts outside the Shivaji University | | |
| 1. | Dr. S. L. Deshpande | Present (Online) |
| 2. | Dr.(Mrs.) V.S. Inamdar | Present (Online) |
| BoS Member (Shivaji University, Kolhapur Nominee) | | |
| 3. | Dr. D.V. Kodavade | Present (Online) |
| BoS Members as Industrial Representatives | | |
| 4. | Mr. Dinesh Kothavade | Present (Online) |
| 5. | Mr. Hrishikesh Hirve | Present (Online) |
| 6. | Mr. Nilesh Ratnaparkhi | Present (Online) |
| BoS Member as a PG Meritorious Alumnus | | |
| 7. | Dr. Sachin Patil | Present (Online) |
| BoS Chairman | | |
| 8. | Dr. R. B. Patil | Present (in-person) |
| BoS Members | | |
| 9. | Dr. S.R. Aralimatti | Present (Online) |
| 10. | Prof. A. S. Phalle | Present (in-person) |
| 11. | Prof. D. B. Mirajkar | Present (in-person) |
| 12. | Prof. A. G. Patil | Present (in-person) |
| 13. | Prof. Mrs. B. A. Chougule | Present (in-person) |
| 14. | Prof. R. C. Shikkeri | Present (in-person) |
| 15. | Prof. H. M. Kelur | Present (in-person) |
| 16. | Prof. R. G. Hiregoudar | Present (in-person) |
| 17. | Prof. K. N. Kamble | Present (in-person) |
| 18. | Prof. M.S. Bhosale | Present (in-person) |
| 19. | Prof. S. B. Sagare | Present (in-person) |
| 20. | Prof. P. K. Patil | Present (in-person) |
| 21. | Prof. V. C. Patil | Present (in-person) |
| 22. | Prof. Mrs. S.Savitha | Present (in-person) |
| 23. | Prof. Mrs. A. E. Mane | Present (in-person) |
| 24. | Prof. Mrs. S. D.Mule | Present (in-person) |
| 25. | Prof. Mrs. S.V.Nikam | Present (in-person) |
| 26. | Prof. Mrs. P.P. Shirgaonkar | Present (in-person) |
| 18. | Prof. P. V. Nalwade | Present (in-person) |
| 27. | Prof. R. D. Gade | Present (in-person) |
| 28. | Prof. Mrs. R. Y. Kumbhar | Present (in-person) |
| 29. | Prof. R.S. Kumbhar | Present (in-person) |
| 30. | Prof. Mrs. T. H. Patil | Present (in-person) |
| 31. | Prof. Mrs. A. A. Parekh | Present (in-person) |
| BoS Member Secretary | | |
| 32. | Prof. I. I. Tamboli | Present (in-person) |

Institute representatives Dean, Principal and Dean Academic were also present

| Sr. No. | Institute Representatives | Remark |
|---------|----------------------------------|---------------------|
| 1. | Dr. S. M. Pise (Dean, SETM) | Present (in-person) |
| 1. | Dr. D. N. Mane (Principal) | Present (in-person) |
| 2. | Dr. K. I. Patil (Dean Academics) | Present (in-person) |

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| Agenda 6.1 | Greeting and Welcoming the BoS members |
| Resolution | <p>As a token of respect and gratitude, Prof.A.A.Parekh, Assistant Professor in CSE department has welcomed all the members for the 6th BoS meeting. She also welcomed Principal Dr. D. N. Mane, Dean SETM Dr.S.M.Pise and Dean Academic Prof. K. I. Patil. She has briefly touched the agenda of BoS meeting quickly.</p> <p>According to Table Program following members were addressed the BoS Meeting</p> <ul style="list-style-type: none"> Hon'ble Dr.S.M.Pise Dean SETM T.K.I.E.T Warananagar addressed the 6th BoS Meeting of CSE department. He welcomed all External BoS Members and appealed to all BoS Members to provide valuable suggestions in designing of curriculum. He mentioned the 'Ready Engineering Program', which helps bridge the curriculum gap between industry requirements and what is taught in educational institutes. Our college has also started the Ready Engineering Program for the CSE department this year and efforts to involve alumni in final year projects. Dr. D. N. Mane Principal T.K.I.E.T Warananagar addressed the 6th BoS Meeting of CSE department. He also mentioned the effective implementation of NEP 2020 and completion of the first cycle of autonomy. Dr.K.I.Patil, Dean Academics addressed the 6th BoS Meeting of CSE department. He welcomed all External BoS Members and explained the competencies required by students in current digital era. He mentioned the importance of the Board of Studies in introducing new programs and updating the syllabus to meet the needs of the global |

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| | market and industry demands. He also Highlighted about globalization, digitalization & computerization and importance of adopting the changes takes place in the industry to cope up with the competitive market. |
| Agenda 6.2 Resolution | Appointment & Approval of new BoS Members Prof. I. I. Tamboli, BoS Member Secretary and Assistant Professor in the CSE Department, has informed that as per UGC guidelines for autonomous institutes, all faculty members of the program are being included as members of the Board of Studies (BoS), and the necessary approval for the same has been obtained |
| Agenda 6.3 | Review & confirmation of the minutes of last BoS Meeting No.5 held on Sat,31 May 2025 and Action Taken Report (ATR) on the recommendations received |
| Resolution | Address of Prof. I. I. Tamboli , BoS, Member Secretary gave the review of minutes of last BoS Meeting No.4 held on Thu,24th July 2024. Explained the actions taken on the recommendations and suggestions received from BoS Members in the last BoS Meeting No.5 held on Thu,24 th July 2024. |
| Agenda 6.4 | Discussion on proposed T.Y.B.Tech (Sem-V & Sem-VI) Syllabus Structure & Syllabi as per NEP 2020 |
| Resolution | <ul style="list-style-type: none"> • Prof.D.B.Mirajkar. BoS Member & Academic Coordinator, CSE, has proposed the T.Y.B.Tech (Sem-V & Sem-VI) Syllabus Structure as per NEP 2020 • The curriculum includes Program Core Courses (PCC) such as System Software and Compiler Design, Database Engineering, and Computer Algorithms, along with Program Elective Courses (PEC) and Multi-disciplinary Courses (MDM). Semester V also features Open Elective 2, practical/lab courses, and a non-credit Java Programming course. In Semester VI, PCCs include Cloud Computing, Machine Learning, and High-Performance Computing, along with PECs, MDM 4, a skill-based course (Web Technologies 1), and associated practicals or mini-projects. • He has informed that 21 Credits and 30 Hours are allocated to each semester of T.Y. B.Tech. Curriculum. • He invited suggestions from all the external BoS members. • Dr. S. L. Deshpande has suggested that the System Software and Compiler Design subject is not needed. He questioned the necessity of this subject in the current curriculum. Prof.D. B. Mirajkar replied that the subject is included according to the GATE syllabus. Dr. R. B. |

Patil also responded that it is included because of the core Computer Science curriculum and its usefulness in NLP and Automata Theory. Dr. S. L. Deshpande asked how many students appeared for the GATE exam and emphasized that employability is important. He recommended excluding this subject. In response to that **Dr.R.B.Patil** assured that the subject could be offered as an elective.

- **Prof.I.I.Tamboli** asked the external members to suggest alternatives to Compiler Design and System Software. **Dr. D. V. Kodavade** has suggested offering Storage Technology, DevOps, MERN Technology, and RPA instead of the System Software and Compiler Design subject.
- **Dr.Sachin Patil** emphasized the importance of aligning subjects with the desired outcomes and the capstone project. He also inquired about the inclusion of IKS (Indian Knowledge System) and vocational subjects in accordance with NEP policy.
- **Dr. S.L.Deshpande** suggested that 1 or 2 credits for skill development courses are missing. He highlighted the absence of important courses like Gaming, ERP, and Pintek. He recommended adding these credits to improve the syllabus.
- **Dr. Vandana Inamdar Madam** suggested adding project-based learning courses under skill courses from the 2nd semester to the 6thsemester. In response, **Prof.D.B.Mirajkar** mentioned that mini projects have already been included in the 4th and 6th semesters, and students are also undertaking field projects addressing societal problems.
- **Mr.Dinesh Kothavade** suggested continuing the same project using different technologies for at least three semesters under MDM, helping students gain hands-on experience across multiple platforms. **Mr. Hrishikesh Hirve** appreciated this and emphasized the need to adapt to changing technologies due to industry distractions. This transformation from one technology to another improves students' flexibility and problem-solving skills. It bridges the gap between academic learning and real-world applications. Both agreed the model promotes deeper learning and innovation. **Dinesh Sir** also insisted that internships be assigned in the same domain as the project done by the

student to ensure continuity and practical exposure.

- **Dr. Sachin Patil and Dr. Vandana Inamdar Madam** suggested that the name of each lab subject should clearly end with "Lab" so that no one needs to refer to the subject code for identifying it. For example, "Machine Learning" should be renamed as "Machine Learning Lab" for better clarity. **Prof.D. B. Mirajkar** acknowledged that it was mistakenly omitted and assured that it will be corrected by adding "Lab" to the relevant subject titles.
- **Dr. Sachin Patil** suggested that the Database Engineering Lab experiments could be effectively integrated into project-based learning, by applying them to real-world contexts such as hospital management systems or blood bank applications.
- **Dr. Sachin Patil** suggested that the current structure, which allocates only 2 hours per week for theory while the syllabus content totals 36 hours, is impractical. It is not feasible to complete the syllabus within the available 24 hours, and even covering four units would be difficult in this limited time. Therefore, he recommended reshuffling and reducing the syllabus content by removing less relevant topics such as Networking, Layout Management, and the outdated JApplet. This realignment will better match the syllabus with the actual teaching hours and improve feasibility.
- **Dr.R.B Patil** replied that although we will try to reduce the syllabus content, we are restricted to 21 credits in total. Since we are getting a limited number of credits, we will seek permission from the Dean of Academics to add 3 non-credited lectures if possible. If the timetable permits, we will include these additional lectures to cover the syllabus, as the current weekly load is more than 30 hours. Furthermore, **Dr. Sachin Patil** recommended consulting UGC guidelines and AICTE norms, emphasizing that under autonomous status, credit allocation can be done with greater flexibility.
- **Dr. Dattatraya Vishnu Kodavade** raised a query regarding the modifications and enhancements made in the current curriculum compared to earlier versions. He recommended introducing a mini-project that integrates multiple experiments (around 3 to 4) to

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| | <p>enhance students' practical understanding and portfolio strength. In response, Prof.H.M.Kelur welcomed the idea and proposed a project that merges Collections, JDBC, and Graphical User Interface (GUI) concepts into a consolidated hands-on assignment.</p> |
| Agenda 6.5 | Approval and confirmation of T.Y.B.Tech Syllabus Structure and Course-wise syllabus contents to be implemented w.e.f. AY 2025-26 |
| Resolution | <ul style="list-style-type: none"> • Dr.R.B.Patil HOD, BoS Chairman & Assistant Professor in the CSE department has asked the BoS Members for Approval and confirmation of T.Y.B.Tech Syllabus Structure and Course-wise syllabus contents. With above suggestions, the proposed syllabus structure, subjects and its contents are approved by all the members of the BoS to be implemented w.e.f AY 2025-26. |
| Agenda 6.6 | Discussion on proposed structure of T.Y. B.Tech (Vth & VIth Semester) and Final Year B.Tech (Sem-VII & Sem-VIII) Syllabus structure as per NEP 2020 |
| Resolution | <ul style="list-style-type: none"> • Prof. A.S. Phalle BoS Member & Associate Professor, in CSE Department , has proposed the Final Year B.Tech (Sem-VII & Sem-VIII) Syllabus structure as per NEP 2020 for the academic year 2026-27. • The proposed structure includes two PCCs: Advanced Database Systems and Artificial Intelligence, each with three lectures and credits, plus practical's. PC electives PC4 and PC5 offer subjects like Mobile Computing, UI/UX Design, AR/VR, and RPA. MDM includes Deep Learning, and ELC covers Research Methodology and Project One. An audit course on SOM or NPTEL is proposed for the seventh semester. In the eighth semester, students typically on internships may take NPTEL courses for two PCCs (e.g., Big Data Analytics) and one elective (e.g., Game Development, Quantum Computing, Blockchain). • Dr.Vandana Inamdar madam questioned the inclusion of Research Methodology as a four-credit subject in the 8th semester of the UG course, noting it is generally intended for PG students. Prof.A.S.Phalle inquired whether it could be accommodated in the 7th or 8th semester, but Dr.Vandana Inamdar madam reiterated that it is typically part of PG or PhD coursework. Dr.Sachin Patil added that four credits for Research Methodology are not mandatory at the |

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| | <p>UG level. It was suggested that it could instead be offered as an open elective, possibly combined with another subject. He further noted that RM might be appropriate at the department level for UR research tracks or research-oriented capstone projects.</p> <p>Prof.A.S.Phalle acknowledged the suggestions and thanked the members for their insights</p> |
| Agenda 6.7 Resolution | <p>Approving the panel of Examiners for T.Y. B.Tech</p> <p>Prof.Mrs. B.A. Chougule, Member, Board of Examination, and Department of CSE representative has proposed the panel of examiners for the subjects in T.Y. B.Tech and requested to approve the same. All the BoS members have approved the panel of examiners of T.Y. B.Tech proposed by Prof.Mrs. B.A. Chougule, Member, Board of Examination. Dr. Sachin Patil requested that it be shared afterwards as well.</p> |
| Agenda 6.8 Resolution | <p>Any other points with the permission of the Chair, concluding remarks and Vote of Thanks</p> <p>Prof. R. C. Shikkeri proposed to formally conclude the BoS meeting and deliver the vote of thanks. Before concluding, He invited any final points for discussion after which He delivered a vote of thanks to the dignitaries, industry and institute mentors, principal, deans, HOD, BoS members, and both teaching and non-teaching staff for their contributions. then Dr.R.B.Patl requested all members to switch on their cameras for a group photo before officially concluding the meeting.</p> |

Prof. I. I. Tamboli
BoS, Member Secretary

Dr. R. B. Patil
BoS Chairman & HoD, CSE