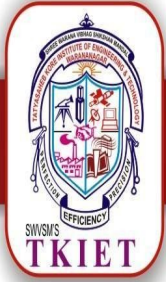


**Shree Warana Vibhag Shikshan Mandal's**



**TATYASAHEB KORE INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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



Minutes of  
5<sup>th</sup> (Fifth) Board of Studies Meeting  
of  
Department of Computer Science and Engineering  
held on Thursday, 25<sup>th</sup> July 2024 at 10:30 AM

SWVSM's  
**Tatyasaheb Kore Institute of Engineering and Technology,**  
**Warananagar** Tal-Panhala Dist-Kolhapur 416113 (Maharashtra)  
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**Department of Computer Science and Engineering**

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**Board of Studies Meeting - 05 (Fifth)**

**Day & Date** :- Thursday, 25-July-2024  
**Time** :- 10:30 AM onwards  
**Mode of Meeting** :- Online (Google Meet) for external BoS members  
**Venue** :- Conference Hall

**AGENDA**

<b>Item No. 5.1</b>	<b>:</b>	Greeting and Welcoming the BoS members.
<b>Item No. 5.2</b>	<b>:</b>	Appointment & Approval of new BoS Members
<b>Item No. 5.3</b>	<b>:</b>	Review & confirmation of the minutes of last BoS Meeting No.4 held on Sat, 3rd June 2023 and Action Taken Report (ATR) on the recommendations received
<b>Item No. 5.4</b>	<b>:</b>	Discussion on proposed S.Y.B.Tech (Sem-III & Sem-IV) Syllabus Structure & Syllabi as per NEP 2020
<b>Item No. 5.5</b>	<b>:</b>	Approval and confirmation of S.Y.B.Tech Syllabus Structure and Course-wise syllabus contents to be implemented w.e.f. AY 2024-25
<b>Item No. 5.6</b>	<b>:</b>	Discussion on proposed structure of T.Y. B.Tech (Sem-V & Sem-VI) and Final Year B.Tech (Sem-VII & Sem-VIII) Syllabus structure as per NEP 2020
<b>Item No. 5.7</b>	<b>:</b>	Approving the panel of Examiners for S.Y. B.Tech
<b>Item No. 5.8</b>	<b>:</b>	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

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**Department of Computer Science and Engineering**  
**Board of Studies**

Sr. No.	Composition	Name & Affiliation	Nominated By	Remark
1.	Head of Department	<b>Dr. R. B. Patil</b>	Principal	BoS Chairman
3.	Two Subject Experts from outside the parent University	<b>Dr. S. L. Deshpande</b> <i>HoD, CNE VTU, Belgavi</i>	Academic Council	Member
		<b>Dr. (Mrs.) V.S. Inamdar</b> <i>Associate Professor, College of Engineering, Pune</i>		Member
4.	One Expert from the panel of 6 recommended members by the College Principal	<b>Dr. D.V. Kodavade</b> <i>Head of Department &amp; Professor in Computer Sc. &amp; Engineering, DKTE, Ichalkaranji</i>	Vice Chancellor, Shivaji University, Kolhapur	Member
5.	One representative from Industry /Corporate sector/allied area related to the placement	<b>Mr. Dinesh Kothavade</b> <i>Project Manager, TCS Pune</i>	Principal/ HoD /TPO	Member
		<b>Mr. Hrishikesh Hirve</b> <i>Senior Manager, Capegemini</i>		Member
		<b>Mr. Nilesh Ratnaparkhi</b> <i>CTO, iauro Systems Pvt.Ltd Pune</i>		Member
6.	One PG meritorious Alumnus	<b>Dr. Sachin Patil</b> <i>Associate Professor and HoD CSE, Rajarambapu Institute of Technology, Rajaramnagar.</i>	Principal/ HoD	Member Expert from outside the college whenever special courses of studies are to be formulated
7.	Member from Senior Faculty within Department	<b>Dr. S.R. Arlimatti</b>	HoD/ Chairman	Members
		<b>Prof. A. S. Phalle</b>		
		<b>Dr. A.S. Kamble</b>		
		<b>Prof. D. B. Mirajkar</b>		
		<b>Prof. R. C. Shikkeri</b>		
		<b>Prof. H. M. Kelur</b>		
		<b>Prof. Mrs. B. A. Chougule</b>		
		<b>Prof. R. G. Hiregoudar</b>		
		<b>Prof. K. N. Kamble</b>		
		<b>Prof. M.S. Bhosale</b>		
		<b>Prof. S. B. Sagare</b>		
<b>Prof. P. K. Patil</b>				
8.	Senior Faculty within Department	<b>Prof. I. I. Tamboli</b>	HoD/BoS Chairman	Member Secretary

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**MINUTES OF MEETING**

The 5<sup>th</sup> (Fifth) Board of Studies Meeting of the Department of Computer Science and Engineering was held on 25<sup>th</sup> July, 2024 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
<b>Academic Experts outside the Shivaji University</b>		
1.	Dr. S. L. Deshpande	Present (Online)
2.	Dr.(Mrs.) V.S. Inamdar	Present (Online)
<b>BoS Member (Shivaji University, Kolhapur Nominee)</b>		
3.	Dr. D.V. Kodavade	Present (Online)
<b>BoS Members as Industrial Representatives</b>		
4.	Mr. Dinesh Kothavade	Present (Online)
<b>BoS Member as a PG Meritorious Alumnus</b>		
5.	Dr. Sachin Patil	Present (Online)
<b>BoS Chairman</b>		
6.	Dr. R. B. Patil	Present (in-person)
<b>BoS Members</b>		
7.	Dr. S.R. Arlimatti	Present (in-person)
8.	Prof. A. S. Phalle	Present (in-person)
9.	Dr. A.S. Kamble	Present (in-person)
10.	Prof. A. G. Patil	Present (in-person)
11.	Prof. D. B. Mirajkar	Present (Online)
12.	Prof. R. C. Shikkeri	Present (in-person)
13.	Prof. H. M. Kelur	Present (in-person)
14.	Prof. Mrs. B. A. Chougule	Present (in-person)
15.	Prof. R. G. Hiregoudar	Present (in-person)
16.	Prof. K. N. Kamble	Present (in-person)
17.	Prof. M.S. Bhosale	Present (in-person)
18.	Prof. S. B. Sagare	Present (in-person)
19.	Prof. P. K. Patil	Present (in-person)
<b>BoS Member Secretary</b>		
20.	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 (Online)

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Leave of absence was granted for below BoS Members,

Sr. No.	BoS Members	Remark
1.	Mr. Hrishikesh Hirve	Leave of absence was granted
2.	Mr. Nilesh Ratnaparkhi	

**Agenda 5.1**

**Greeting and Welcoming the BoS members**

**Resolution**

As a token of respect and gratitude, **Prof.S.V.Nikam, Assistant Professor in CSE department** welcomed all the members for the 5<sup>th</sup> BoS meeting. She also welcomed Principal Dr. D. N. Mane and Dean Academic Prof. K. I. Patil. She has briefly touched the agenda of BoS meeting quickly.

**Agenda 5.2**

**Appointment & Approval of new BoS Members**

**Resolution**

**Prof. I. I. Tamboli, BoS, Member Secretary & Assistant Professor in the CSE department** has informed BoS Members about the inclusion of the following staff members as BoS Members and taken the approval of the same.

1. Dr. S.R. Arlimatti
2. Dr. A.S. Kamble
3. Prof. H.M. Kelur
4. Prof. K.N. Kamble
5. Prof. R.G. Hiregoudar
6. Prof. M.S. Bhosale
7. Prof. P. K. Patil
8. Prof. S.B. Sagare
9. Prof. V.C. Patil

**According to Table Program following members were addressed the BoS Meeting.**

**Hon'ble Dr.D.N.Mane, Principal T.K.I.E.T Warananagar addressed the 5<sup>st</sup> BoS Meeting of the CSE department.**

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- He welcomed all External BoS Members and appealed to all BoS Members to provide valuable suggestions in designing of curriculum.
- Mentioned the importance of Academic Autonomy status and highlighted difference between affiliated & autonomous status
- Discussed about the credits for the academic course & honour course.
- Emphasized that curriculum should pace with industry requirements which makes students employable, develops entrepreneurial skills to face global challenges
- Gave assurance that our institute will design the dynamic curriculum by using valuable suggestions given by External BoS Members for the upcoming students.

**Dr.K.I.Patil, Dean Academics** addressed the 5<sup>th</sup> BoS Meeting of CSE department.

- He welcomed all External BoS Members and explained the competencies required by students in the current digital era.
- Mentioned the importance of the Board of Studies in addition to the new programs, changing the syllabus as per the needs of the global market, review of the newly added programs etc.
- Highlighted about globalization, digitalization & computerization and the importance of adopting the changes that take place in the industry to cope up with the competitive market.

**Agenda 5.3**                      **Discussion on proposed S.Y.B.Tech (Sem-III & Sem-IV) Syllabus Structure & Syllabi as per NEP 2020**

**Resolution**                      Address of Prof. I. I. Tamboli , BoS, Member Secretary

- Gave the review of minutes of last BoS Meeting No.4 held on Sat, 3rd June 2023
- Explained the actions taken on the recommendations and suggestions received from BoS Members in the last BoS Meeting No.4 held on Sat, 3rd June 2023

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- **Dr. Sachin Patil** has appreciated the efforts taken by the department as per the recommendations and suggestions given in previous BoS Meeting. He also appreciated the the detailed documentation of minutes of previous meeting and including minute details in ATR (Action Take Report)

**Agenda 5.4**      **Discussion on proposed S.Y.B.Tech (Sem-III & Sem-IV) Syllabus Structure & Syllabi as per NEP 2020**

**Resolution**

- **Dr. R.B.Patil. BoS Chairman & HoD, CSE,** has proposed the S.Y.B.Tech (Sem-III & Sem-IV) Syllabus Structure as per NEP 2020
- He has explained the subjects included in different categories such as PCC, MDM, VSEC, HSSM and Audit.
- He has informed that 21 Credits and 30 Hours are allocated to each semester of SY. B.Tech. Curriculum.
- He invited suggestions from all the external BoS members.
- **Dr.D.V.Kodavade** has suggested to reorder the subjects as per the sequence, (1) Mathematics of Computer Science (2) Digital Systems & Microprocessors (3) Data Structures.
- **Dr.D.V.Kodavade and Dr.(Mrs.) V.S.Inamdar** have suggested to take the list of MDM Subjects of other departments and send it to BoS members.
- **Dr.D.V.Kodavade** has suggested to change the name of subject Computer Organization & Microcontroller to Computer Organization & Multiprocessor. In response to that **Prof. A.S. Phalle** has informed that the concepts of Multiprocessors are covered in the subject Digital Systems & Microprocessors of semester III.
- **Dr.Sachin Patil** has suggested to simplify the name of the subject “Designing the digital solutions of society problems” and assign the environmental and social problems to solve to the students.

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- **Dr.D.V.Kodavade** has suggested to assign the real time problems to students in the subject “Designing the digital solutions of society problems”
- **Dr.Sachin Patil** has suggested not to move Computer Networks subject in semester III if possible. In response to that **Prof. A.G. Patil** has informed that if the Computer Networks subject is moved in semester III, the curriculum structure becomes complex.
- **Dr.Sachin Patil** has suggested to check for alignment of the subjects in the same semester and not to place two mathematical subjects in a single semester like DMS and Mathematics for CS.
- **Dr.D.V.Kodavade** has suggested to move the subject Mathematical Methods in AI and ML (MDM-4) above the subject Machine Learning (MDM-3) in the MDM bucket. He also suggested to change the MDM bucket name (Pathway-1) from Machine Learning and Artificial Intelligence to Artificial Intelligence and Machine Learning.
- **Dr.Sachin Patil** has suggested to form the proper bucket for Multidisciplinary Subjects, check for the prerequisites of MDM subjects and keep these subjects simple so other department students can understand it. He has also suggested to include the Embedded Systems and Internet of Things as MDM subjects and should be offered by the E & TC department.
- **Dr.D.V.Kodavade** and **Dr.(Mrs.) V.S.Inamdar** have suggested to brainstorm over the placement of Computer Networks subject in Sem-III or Sem-IV.
- **Dr.Sachin Patil** has suggested to add Data Mining , Image Processing, e-Commerce and Digital Marketing in MDM basket or Open Elective
- **Dr.Sachin Patil** has suggested that students should follow the vertical stream of MDM subject strictly. So once they have chosen the one stream, they have to follow it till the end.

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- **Dr.D.V.Kodavade** has suggested to add the MDM subjects relevant to CSE only and keep the complexity of these subjects low. He has also suggested to think about the prerequisites of MDM subjects seriously.
- **Dr.D.V.Kodavade** has also suggested that in MDM basket, start with the basic subjects and end with the more complex subjects such as AI and ML. In response to that **Dr. R.B. Patil** assured that the department will modify the MDM bucket according to these suggestions.
- **Dr.(Mrs.) V.S.Inamdar** has been informed to prepare appropriate structure, do proper distribution of credits according to categories and visualize it in the form of Pie Chart.
- **Dr.D.V.Kodavade** has suggested to rename the subjects “Field Project” to “Capstone Project” and “Entrepreneur Management” to “ Entrepreneurship Management”.
- **Dr.Sachin Patil** has suggested to modify Course Objectives, verify Course Outcomes and also add the CO-PSO mappings in Syllabus. Subject Mentors and teachers should justify the weightage given to particular CO-PO mapping. He has also suggested to avoid the repetition of the word “To” in Course Objectives and every CO should be mapped to at least one PO with weightage of 3 (Maximum Weightage).

#### **Agenda 5.5**

#### **Approval and confirmation of S.Y.B.Tech Syllabus Structure and Course-wise syllabus contents to be implemented w.e.f. AY 2024-25**

#### **Resolution**

- **Prof. I. I. Tamboli Dean, BoS, Member Secretary & Assistant Professor in the CSE department** has asked the BoS Members for Approval and confirmation of S.Y.B.Tech Syllabus Structure and Course-wise syllabus contents.

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- 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 2024-25.

**Agenda 5.6 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**

- **Prof. A.S. Phalle BoS Member & Associate Professor, in CSE department** , has proposed the T.Y. B.Tech (Vth & VIth Semester) and Final Year B.Tech (Sem-VII & Sem-VIII) Syllabus structure as per NEP 2020
- He has explained the subjects included in different categories such as PCC, MDM, VSEC, HSSM, RM, PEC, ELC and Audit.
- **Dr.Sachin Patil** has suggested to keep the only CSE related subjects as Open Electives and so remove the Intellectual Property Rights and Management from Open Elective-I. Data Mining and Digital Marketing can be included as Open Elective. Image Processing and Computer Vision should be offered as Open Elective by E & TC department.
- **Dr.Sachin Patil** has also suggested to prepare the **Domain-wise Open Elective Lists**. He has suggested to move Python Programming with OOP in the 3rd semester, Java programming in the 4th semester and Mobile Application Development in the 6th semester.
- **Dr.(Mrs.) V.S.Inamdar** has suggested revising the credits distribution of project and Internship because project has less credits than Internship.
- **Dr.(Mrs.) V.S.Inamdar** has also suggested to implement the Internship from 7th Semester.

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- **Dr. R.B.Patil. BoS Chairman & HoD, CSE,** has given the explanation for above suggestions that the department can not send the students for Internship from 7th Semester because of the Campus Placements activities. He has also informed that as per NEP Policy, 4 credits are given for Project and 12 credits are given for Internship. But to increase the weightage of Project, the department has transferred the 4 credits from Internship to Project, so now the Project has total 8 credits and Internship has total 8 credits also.
- **Dr.Sachin Patil** has suggested to move the Advanced Database Systems to Sem-VI and Big Data Analytics to Sem-VII if possible.
- **Dr.Sachin Patil** has suggested to distribute the contents of Web Technologies-I (WT-I) and Web Technologies-II (WT-II) properly. In response to that **Prof. H.M. Kelur** has explained and justified the contents of WT-I and WT-II.

#### **Agenda 5.7 Approving the panel of Examiners for S.Y. B.Tech**

##### **Resolution**

- **Prof.Mrs. B.A. Chougule, Member, Board of Examination, and Department of CSE representative** has proposed the panel of examiners for the subjects in S.Y. B.Tech and requested to approve the same.
- All the BoS members have approved the panel of examiners of S.Y. B.Tech proposed by **Prof.Mrs. B.A. Chougule, Member, Board of Examination.**

#### **Agenda 5.8 Any other points with the permission of the Chair, concluding remarks and Vote of Thanks**

##### **Resolution**

- **Dr. R.B.Patil. BoS Chairman & HoD, CSE,** has asked for the additional suggestions and concluding remarks to BoS Members.

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- **Dr.D.V.Kodavade** has suggested to add online NPTEL Certification Courses as subjects per semester as Per NEP 2020 policy. He has also informed that 40% credits should be for Online Certification Courses. In response to this, **Dr. R.B. Patil** , **HOD CSE** has informed that these courses are included in the Audit Course and at the end of each subject but as optional.
- **Dr.D.V.Kodavade** has suggested to consider the subjects like Web Development, Mobile Application Development, System Administration, Network Administration, Computer Animation, PC Maintenance and DTP for the First Year Exit Course, so that the students after completion of such courses successfully they can start their own small business.
- **Dr.D.V.Kodavade** has suggested to increase the total number credits from 164 to 174, if institute allows.
- **Dr.Sachin Patil** has suggested to add at most 3 courses with external POE per Semester.
- Finally, the meeting was concluded with a **Vote of Thanks** by **Prof.R.C.Shikkeri Assoc.TPO & BoS Member** and formally announced the conclusion of BoS Meeting.

**Dr. K.I. Patil**  
**Dean Academics**

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

**Dr.D.N. Mane**  
**Principal**

**Asst.Prof. Imran Tamboli**  
**BoS Member Secretary**