



Walchand College of Engineering, Sangli

(Government-Aided Autonomous Institute)

Office of Dean Academics



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Email : deanacademics@walchandsangli.ac.in

20th Academic Council Meeting Notice

10th June 2025

Dear Committee Members,

This notice is to inform you of the upcoming Academic Council meeting scheduled for **17th June 2025; Tuesday at 3.00pm** in the Conference hall at WCE Sangli.

Agenda:

AC 20.1. To confirm the minutes of the 19th AC meeting and to review the actions taken in line with the minutes.

AC 20.2. To approve the various Boards of Studies formulated as per the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018 (clause 13.5) effective from 1st January 2025 to 31st December 2027.

AC 20.3. To discuss and approve the NEP complaint-

20.3.1 Curriculum structure for Multi-Disciplinary Minors (MDM) offered by the MDM Centre for all UG students for NEP batches entered into AY 2023-24 or later.

20.3.2 Detailed curriculum content designed for T.Y. B.Tech (All UG programs) applicable from AY 2025-26, along with courses of MDMs, second minor, honour, and exit.

20.3.3 Detailed curriculum content designed for S.Y. B.Tech (AI-ML, Robotics and Automation) applicable from AY 2025-26, along with courses of MDMs, second minor, and exit.

20.3.4 Detailed curriculum content designed for S.Y. M.Tech (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering) applicable from AY 2025-26.

20.3.5 Policy for re-entry for students who opted for the premature exit (Part of multiple entry-multiple exit policy)

AC 20.4. To review suggestions given by the Examination Reforms Committee, Grading System Review Committee, IQAC, Administrative Council, etc.

AC 20.5. Any other points with the permission of the Chair

Dr. A. K. Kokane,
Member Secretary

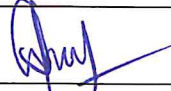

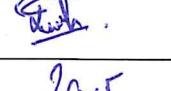
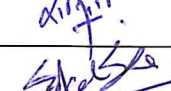
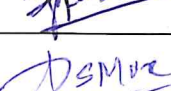
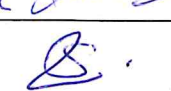
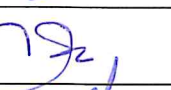

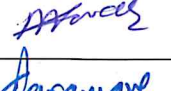
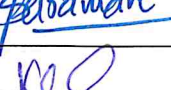
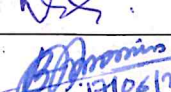
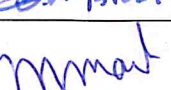
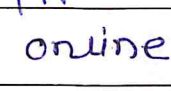
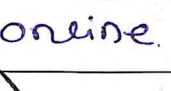

WALCHAND COLLEGE OF ENGINEERING, SANGLI
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Attendance Sheet


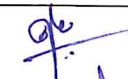
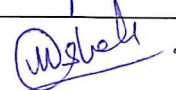
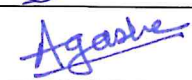
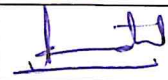
20th Academic Council meeting of Walchand College of Engineering, Sangli

Day, Date: Tuesday, 17th June 2025

Time: 03.00 pm

Venue: Conference Hall

Sr. No.	Members and Invitees	Designation	Sign.
1	Dr. U. A. Dabade, I/C Director	Chairperson	
2	Dr. A. A. Kokane, Dean Academics	Member Secretary	
3	Dr. A. K. Mali, HoD, Civil Engg.	Member	
4	Dr. S. B. Kadam, HoD, App. Mech. Engg.	Member	
5	Dr. S. U. Sapkal, HoD, Mechanical Engg.	Member	
6	Dr. D. S. More, I/C HoD, Electrical Engg.	Member	
7	Dr. S. D. Ruikar, HoD, Electronics Engg.	Member	
8	Dr. A. R. Surve, HoD, Computer Science and Engg.	Member	
9	Dr. R. R. Rathod, HoD, Information Technology & AIML	Member	
10	Shri. A. A. Powar, FY B.Tech Co-coordinator	Member	
11	Dr. Sachin Paramane, HoD, Robotics and Automation	Member	
12	Dr. K. S. Gumaste, Associate Professor, Civil	Member	
13	Dr. B. F. Momin, Associate Professor, CSE	Member	
14	Mr. N. V. Marathe, Associate Professor, Electronics	Member	
15	Mr. H. J. Dhande, Academic Relationship Manager, Tata Consultancy Services, Pune.	Member	online
16	Dr. Sandeep Wankhade, Chairman, TRIZ Chapter pan India, Pune.	Member	online.
17	Mr. Deepak Shinde-Mhaisalkar, Independent Director of Hindustan Aeronautics Limited (HAL), by the Ministry of Defense, Govt. of India.	Member	
18	Mr. Hemant Gadgil, Executive Director - Dassault Systems Foundation, India (La Foundation Dassault Systems, India) Pune	Member	online

Sr. No.	Members and Invitees	Designation	Sign.
19	Dr. S. J. Wagh, Government Engg. College karad	Member	online
20	Dr. P. V. Kadole, RIT, Sakharale	Member	
21	Dr. V. R. Ghorpade, Bharati vidyapeeth college of Engg., Kolhapur	Member	—
22	Dr. B. N. Naik, CoE	Member	
23	Mr. Amol Chavan	Invitee	online
24	Dr. S. G. Tamhankar, Registrar	Invitee	
25	Dr. Mrs. M. A. Shah, Dean CAS	Invitee	
26	Dr. Mrs. A. A. Agashe, Dean IQAC	Invitee	
27	Dr. A. P. Patil, Dean IIE	Invitee	
28	Mr. N. V. Patel	Invitee	—



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Minutes of 20th Academic Council Meeting

Date: 24th July 2025

The 20th Academic Council meeting of Walchand College of Engineering, Sangli was held on 17th June 2025; Tuesday at 3.00 pm in the Conference hall at WCE Sangli in both offline and online mode. Following members attended the meeting:

Sr.	Members and Invitees	Role
1	Dr. U. A. Dabade, I/C Director	Chairperson
2	Shri.. Deepak Shinde-Mhaisalkar, Independent Director of HAL	Member
3	Shri..Hrshikesh Jayant Dhande, Region Head - Academic Alliances Group (Pune), Tata Consultancy Services, Pune	Member (Online)
4	Dr. Sandeep Wankhade, Chairman, TRIZ Chapter Pan India, Pune	Member (Online)
5	Dr. S. J. Wagh, Government College of Engg. Karad	Member (Online)
6	Mr. Hemant Gadgil, Executive Director of Dassault Systems Foundation, Pune	Member (Online)
7	Dr. A. K. Mali, HoD, Civil Engg.	Member
8	Dr. S. U. Sapkal, HoD, Mechanical Engg.	Member
9	Dr. D. S. More, HoD, I/C Electrical Engg.	Member
10	Dr. S. D. Ruikar, HoD, Electronics Engg.	Member
11	Dr. A. R. Surve, HoD, Computer Science and Engg.	Member
12	Dr. R. R. Rathod, HoD, Information Technology and I/C HoD AIML	Member
13	Dr. S. B. Kadam, HoD, App. Mech. Engg.	Member
14	Prof. A. A. Powar, HoD, H & S	Member
15	Dr. Sachin Paramane HoD, Robotics and Automation, I/C HoD MDM	Member
16	Dr. K. S. Gumaste (Associate Professor, Civil Engg)	Member
17	Dr. B. F. Momin, Associate Professor, CSE	Member
18	Prof. N. V. Marathe, Associate Professor, Electronics Engg.	Member
19	Dr. B. N. Naik, Controller of Examinations	Member
20	Shri. Amol Chavan, Administrative Council member, WCE	Invitee (online)
21	Dr. S. G. Tamhankar, Registrar	Invitee
22	Dr. Mrs. M. A. Shah, HoD, Dean, CAS	Invitee
23	Dr. Mrs. A. A. Agashe, Dean QA	Invitee
24	Dr. A. P. Patil, Dean IIE	Invitee
25	Dr. A. K. Kokane, Dean Academics	Member Secretary

Note: Dr. P. V. Kadole, RIT, Sakharale and Dr. V. R. Ghorapade, BharatiVidhyapith College of Engg., Kolhapur, could not attend the meeting and were granted a leave of absence.

Minutes of the meeting with regards to agenda points are approved as below.

AC 20.1. To confirm the minutes of the 19th AC meeting and to review the actions taken in line with the minutes.

The minutes of the 19th Academic Council meeting were read . Action taken on resolutions was reviewed and accepted with following suggestions.

Mr. Shinde suggested to contact nearby agriculture universities to help on curriculum formation of Aggrotech related proposed MDM. He further suggested to revisit John Deere- WCE collaboration and to communicate with Mr. Ashok Sawant. Members suggested to cater diverse areas while



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designing sustainability related MDM. It was further suggested to tag all 17 SDGs (Sustainability Development Goals) adopted by United nations with student project to connect academic work with global sustainability objectives, fostering a deeper understanding of interconnected challenges and solutions. Refer SDGs, <https://sdgs.un.org/goals>

Regarding 19th AC minute no. AC19.3 , Mr. Amol Chavan suggested to take a decision in upcoming AC with clear recommendations.

Resolution: Minutes of 19th AC were confirmed, and actions taken noted.

AC 20.2. *To approve the various Boards of Studies formulated as per the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018 (clause 13.5) effective from 1st January 2025 to 31st December 2027.*

The Council approved the constitution of the following list of Boards of Studies (BoS) for the period 01 Jan 2025 to 31 Dec 2027.

1. Civil Engineering
2. Mechanical Engineering
3. Electrical Engineering
4. Electronics Engineering
5. Computer Science and Engineering
6. Information Technology
7. Artificial Intelligence and Machine Learning
8. Robotics and Automation
9. Applied Mechanics
10. Humanities & Science
11. Multidisciplinary Minor Program

It was noted that the SuK-approved nominee in Applied Mechanics BoS may be revised if SuK instructs.

Resolution: Eleven BoS compositions approved as proposed.

AC 20.3. *To discuss and approve the NEP complaint-*

20.3.1 *Curriculum structure for Multi-Disciplinary Minors (MDM) offered by the MDM Centre for all UG students for NEP batches entered into AY 2023-24 or later.*

A topic on integration of various urban systems needs to be explicitly included in the smart cities MDM.

Resolution: The proposed MDM curriculum structures were discussed in detail and approved.

20.3.2 *Detailed curriculum content designed for T.Y. B.Tech (All UG programs) applicable from AY 2025-26, along with courses of MDMs, second minor, honour, and exit.*

- It was recommended that the Civil Engineering curriculum be updated to include a topic on Pre-Engineered Buildings (PEBs), considering emerging trends and growing adoption of PEBs in both national and global construction practices.



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- It was suggested to incorporate topics related to Energy Storage Systems in the Electrical Engineering curriculum, in view of their growing relevance in modern power systems, renewable energy integration, and smart grid technologies

Resolution: The proposed T.Y. B.Tech curriculums applicable from AY 2025-26, along with courses of MDMs, second minor, honour, and exit were approved.

20.3.3 Detailed curriculum content designed for S.Y. B.Tech (AI-ML, Robotics and Automation) applicable from AY 2025-26, along with courses of MDMs, second minor, and exit.

It was suggested to review the number and content of materials-related courses in the Robotics and Automation curriculum to avoid redundancy and ensure relevance. It was further recommended to include topics on advanced high-strength, lightweight and smart materials, considering their critical role in modern robotic applications.

Resolution: The proposed Second Year B.Tech curriculum for Artificial Intelligence & Machine Learning (AI-ML) and Robotics & Automation, applicable from the Academic Year 2025-26, was approved. This includes the courses under MDMs, second minor specialization, and the exit option structure as per NEP guidelines.

20.3.4 Detailed curriculum content designed for S.Y. M.Tech (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering) applicable from AY 2025-26.

Minor corrections were suggested to ensure consistency between contact hours and credit allocation across courses in the proposed curriculum. It was advised to verify and align these details as per academic regulations.

Resolution: The proposed S.Y. M.Tech (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering) curriculums applicable from AY 2025-26 were discussed and approved

20.3.5 Policy for re-entry for students who opted for the premature exit (Part of multiple entry-multiple exit policy)

In accordance with the UGC Guidelines (March 2025) and the Government of Maharashtra directives (MH-HTE GR 2023), multiple entry and exit options are suggested for all Higher Educational Institutions (HEIs). However, it is to be noted that the guidelines regarding the Multiple Entry and Exit Policy are evolving at both the central and state levels. Accordingly, following resolution shall be revised in the Academic Council as and when detailed directives are formally issued.

Resolution: In continuation of the previously approved exit policy, the following re-entry provision has been incorporated:

Students who opt for exit at any stage of the undergraduate programme shall have the opportunity to re-enter the WCE programme from the point of exit, within a maximum



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period of four years. The degree must be completed within the stipulated maximum duration of eight years from the date of first admission to the undergraduate programme.

20.3.6 Certification Courses and/or training programs to be offered to outside and in-house learners

Resolution: It was resolved to start a online portal/ platform named WalchandPRO and start certification skill based courses in line with MOOCs / EdTechs etc and training programmes. It is also resolved to authorise Director of Institution to nominate a committee for launching courses and prepare / approve the course contents of Certification Courses and/or Training Programs proposed to be offered to both external (outside) and internal (in-house) learners. It was also resolved to identify internal faculty and some external experts for course delivery. Such courses and contents shall be placed for ratification by Council. These courses will be aligned with institutional capabilities and shall support continuous professional development, skill enhancement, and lifelong learning in line with NEP 2020 guidelines along with employability and entrepreneurship.

20.3.7 Minor curriculum content changes to S.Y. and B. Tech courses

Resolution: The following course replacements have been approved for incorporation into the current curricula, effective from the Academic Year 2025–26, following a revision of content to meet updated academic and industry requirements.

Class	Semester	Previous Course	New course
S.Y. B. Tech. CSE	Even	Applied Mathematics for CSE	Probability and Inferential Statistics
S.Y. B. Tech. IT	Even	Fuzzy Set and Statistics	Applied Mathematics for IT
Final year (all Branches)	Odd/Even	Humanities 3: Accounting and Finance for Engineers	Engineering Economics and Financial Management

AC 20.4. To review suggestions given by the Examination Reforms Committee, Grading System Review Committee, IQAC, Administrative Council, etc.

Following suggestions given by the Examination Reforms Committee, Grading System Review Committee, IQAC, Administrative Council, etc are adopted.

Online MSE Examinations with Auto-Assessment:

Resolution: All Mid-Semester Examinations (MSE) shall be conducted in an online, proctored mode with auto-assessment features to enable timely declaration of results. As a pilot initiative, selected departments (For ex- CSE and IT or all PGs etc) and those who volunteer will adopt this system for the upcoming semester examination and from next exam/cycle all depts shall go for this

ESE/Re-Exam Paper Submission and Question Bank Development:

Resolution: Course coordinators shall submit two sets of End-Semester Examination (ESE) and Re-examination question papers to the Examination Cell. In due course, Walchand College of Engineering (WCE) aims to develop a comprehensive question bank for each course, which will facilitate automated paper setting for MSE, ESE, and Re-examinations.



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This initiative will be implemented in a phased manner. External moderation of question papers is recommended to ensure quality and standardization.

Open Book Examination and Formative Assessment Encouragement:

Resolution: Open Book Examinations are permitted for MSE, ESE, and Re-exams, provided the Course Coordinator notifies the Examination Cell in advance. Such assessment methods are encouraged to enhance formative evaluation practices. Future curriculum revisions should include provisions for increased tutorial hours, mini-projects, and skill-based courses to further support formative assessment.

Grading System Reform:

The Academic Council recommends that the Grading System Review Committee undertake further deliberations on potential reforms to the grading system currently adopted by WCE and submit its final recommendations by September 2025.

Approval of Revised Programme Outcomes (POs):

The Academic Council took note of and agreed upon the revised list of Programme Outcomes for all undergraduate programmes, as recommended by the internal members of the IQAC. The revised PO list shall be formally ratified in the forthcoming IQAC meeting.

Implementation of Faculty Training on Outcome-Based Education (OBE):


The recommendation of IQAC regarding faculty training on Outcome-Based Education is resolved to be implemented through the annual Faculty Training Development Centre's (FTDC) program.

AC 20.5. Any other points with the permission of the Chair

- It was recommended to introduce a formal course or training module on Artificial Intelligence and Machine Learning (AI/ML) across all undergraduate engineering programs, given its increasing applicability and influence across diverse engineering disciplines.
- It was resolved that regular review and revision of curricula be institutionalized, with a focus on phasing out obsolete courses or topics to ensure alignment with current industry practices and technological advancements.
- As per UGC (Minimum Standards of Instruction for the Grant of Undergraduate Degree and Postgraduate Degree) Regulations, 2025, HEIs shall accord priority to continuous formative assessment. As part of the upcoming curriculum revisions, it was recommended to incorporate active learning components such as tutorials, mini-projects, and similar sessions. These will offer students opportunities for problem-solving, engagement with open-ended questions, and deeper conceptual understanding in smaller batches. Furthermore, such sessions will enable continuous formative assessment and provide personalized academic support.


Dr. A. K. Kokane
Member Secretary




Prof. (Dr.) U.A. Dabade
Chairman