18th Academic Council Meeting Notice	23rd June 2024

Dear Committee Members,

This notice is to inform you of the upcoming Academic Council meeting scheduled for **5th July 2024** at **10.30 am** in the Conference hall at WCE Sangli.

Agenda:

AC 18.1. Welcome and brief by Member secretary, Academic council

AC 18.2. To confirm the minutes of the 17th AC and 37th ASC meetings.

AC 18.3. To discuss and approve NEP complaint curriculum structure (including MDM, 2nd minor, and honour) designed for S.Y. B.Tech to Final Year B.Tech. (All UG programs) for batch entered into AY 2023-24. Furthermore, to approve detailed syllabi for S.Y. B.Tech (All UG programs).

AC 18.4. To discuss and approve curriculum structure and detailed syllabi for F.Y. B.Tech. for new UG programs (1. Robotics and Automation 2. Artificial Intelligence and Machine Learning)

AC 18.5. To discuss and approve curriculum structure (F.Y. and S.Y. M. Tech) and detailed syllabi for F.Y. M. Tech. for new and renamed PG programs (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering)

AC 18.6. To discuss and approve curriculum structure and detailed syllabi for S.Y. M. Tech. for all running PG programs for the batch entered into AY 2023 24. (1. Power Systems Engineering, 2. Environmental Engineering, 3. Structural Engineering 4. Design Engineering 5. Computer Science and Engineering)

AC 18.7. To discuss and approve the curriculum structure of Final Year B.Tech. for AY 2024-25 and AY 2025-26 and detailed syllabi (All UG programs)

AC 18.8. To discuss and approve policy regarding MOOC (NPTEL etc.) and Internships courses conduct and assessment.

AC 18.9. Any other points with permission of the Chair

Dr. A. K. Kokane,
Member Secretary and I/C Dean Academics
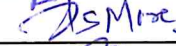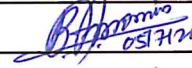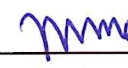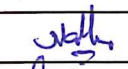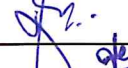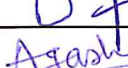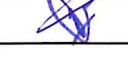
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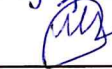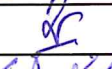## *(Govt. Aided Autonomous Institute)*
Attendance Sheet
18th Academic Council meeting of Walchand College of Engineering, Sangli

Day, Date: Friday, 05th July 2024   **Time:** 10.30 am
Venue: Conference Hall

Sr. No.	Members and Invitees	Designation	Sign.
1	Dr. U. A. Dabade, I/C Director	Chairperson	
2	Dr. Mr. A. K. Kokane, I/C Dean Academics	Member Secretary	
3	Dr. G. R. Munavalli, HoD, Civil Engg.	Member	
4	Dr. S. B. Kadam, HoD, App. Mech. Engg.	Member	
5	Prof. S. U. Sapkal, HoD, Mechanical Engg.	Member	
6	Dr. D. S. More, HoD, Electrical Engg.	Member	
7	Dr. S. D. Ruikar, HoD, Electronics Engg.	Member	
8	Dr. Mrs. M. A. Shah, HoD, Computer Science and Engg.	Member	
9	Dr. R. R. Rathod, HoD, Information Technology	Member	
10	Shri. A. A. Powar, FY B.Tech Co-coordinator	Member	
11	Dr. K. S. Gumaste, Associate Professor, Civil	Member	
12	Dr. B. F. Momin, Associate Professor CSE	Member	
13	Mr. N. V. Marathe, Associate Professor, Electronics	Member	
14	Mr. H. J. Dhande, Academic Relationship Manager, Tata Consultancy Services, Pune.	Member	online
15	Dr. Sandeep Wankhade, Chairman, TRIZ Chapter pan India, Pune.	Member	online
16	Mr. Deepak Shinde-Mhaisalkar, Independent Director of Hindustan Aeronautics Limited (HAL), by the Ministry of Defense, Govt. of India.	Member	
17	Mr. Hemant Gadgil, Executive Director - Dassault Systems Foundation, India (La Fondation Dassault Systemes, India) Pune	Member	—
18	Dr. S. J. Wagh, Government Engg. College karad	Member	online
19	Dr. P. V. Kadole, RIT, Sakharale	Member	—
20	Dr. V. R. Ghorpade, Bharati vidyapeeth college of Engg., Kolhapur	Member.	online
21	Dr. B. N. Naik, CoE	Member	
22	Mr. Amol Chavan Administrative Council Member	Invitee	
23	Dr. S. G. Tamhankar, Registrar	Invitee	
24	Dr. Mrs. A. A. Agashe, Dean R & D	Invitee	
25	Mr. S. B. Dhaigude, Dean CAS	Invitee	
26	Mr. R. M. Chanmanvar	Invitee	

Date: 5th July 2024

Minutes of 18th ASC Meeting:

The 18th Academic Council meeting of Walchand College of Engineering, Sangli was held on 5th July 2024 at 10.30 am in the Conference hall at WCE Sangli.

Following members attended the meeting:

Sr. No.	Members and Invitees	Designation
1	Dr. U. A. Dabade, I/C Director	Chairperson
2	Dr. G. R. Munavalli, HoD, Civil Engg.	Member
3	Dr. S. U. Sapkal, HoD, Mechanical Engg.	Member
4	Dr. D. S. More, HoD, Electrical Engg.	Member
5	Dr. S. D. Ruikar, HoD, Electronics Engg.	Member
6	Dr. Mrs. M. A. Shah, HoD, Computer Science and Engg.	Member
7	Dr. R. R. Rathod, HoD, Information Technology	Member
8	Prof. A. A. Powar, HoD, H & S	Member
9	Dr. S. B. Kadam, HoD, App. Mech. Engg.	Member
10	Dr. K. S. Gumaste, Associate Professor, Civil Engg.	Member
11	Dr. B. F. Momin, Associate Professor, CSE	Member
12	Prof. N. V. Marathe, Associate Professor, Electronics Engg.	Member
13	Dr. B. N. Naik, CoE	Member
14	Dr. Sandeep Wankhade, Chairman, TRIZ Chapter Pan India, Pune (online)	Member
15	Shri.. Deepak Shinde-Mhaisalkar, Independent Director of (HAL)	Member
16	Dr. S. J. Wagh, Government College of Engg. Karad (online)	Member
17	Dr. V. R. Ghorapade, Bharati Vidhyapith College of Engg., Kolhapur (online)	Member
18	Shri.. Hrishikesh Jayant Dhande, Region Head - Academic Alliances Group (Pune), Tata Consultancy Services, Pune	Member
19	Shri. Amol Chavan, Administrative Council member, WCE	Invitee
20	Dr. S. G. Tamhankar, Registrar	Invitee
21	Prof. S. B. Dhaygude, Dean, CAS	Invitee
22	Dr. A. A, Agashe, Dean R and D	Invitee
23	Mr. R. M. Chanmanvar	Invitee
24	Dr. A. K. Kokane, I/C Dean Academics and Associate Dean QA	Member Secretary

Mr. Hemant Gadgil, Executive Director of Dassault Systems Foundation, Pune, and Dr. P. V. Kadole, RIT, Sakharale could not attend the meeting and both were granted a leave of absence.

Agenda:

AC 18.1. *Welcome and brief by Member secretary, Academic council*

The Acting Director of Walchand College of Engineering Sangli, Dr. U. A. Dabade, extended a warm welcome to all attendees as the Chairperson of AC. Dr. A. K. Kokane, the Member Secretary of the Academic Council, then provided a detailed overview of the agenda for the meeting.

AC 18.2. *To confirm the minutes of the 17th AC and 37th ASC meetings.*

- The Member Secretary presented the proceedings of the 17th Academic Council (AC) and 37th Administrative Sub-Committee (ASC) meetings, along with updates on the actions taken in response to various resolutions. The minutes from the previous Academic Council meeting were confirmed. Updates were provided on new undergraduate (UG) and postgraduate (PG) courses, as well as the renaming of some PG courses, following the receipt of necessary intake sanctions from AICTE. Despite the decision in the 16th AC meeting, it was noted that polytechnic courses will not be converted into degree courses. Additionally, all resolutions from the 37th ASC meeting were ratified.

AC 18.3. *To discuss and approve NEP-compliant curriculum structure (including MDM, 2nd minor, and honour) designed for S.Y. B.Tech to Final Year B.Tech. (All UG programs) for batch entered into AY 2023-24. Furthermore, to approve detailed syllabi for S.Y. B.Tech (All UG programs)*

- The Academic Council discussed and approved the NEP-compliant curriculum structure (174 credits), which also includes the Multi-Disciplinary Minor (14 credits). Furthermore, the curriculum structure of Second minor (additional 18 credits) , and honors programs(additional 18 credits),were approved for six existing UG programs from the second year to the final year, specifically for the batch entered in the academic year 2023-24. Additionally, the detailed syllabi for the second year of the B.Tech program across all UG programs were also approved to be implemented for AY 2024-25 and further. Furthermore, the exit options and internship policy were also approved.
- Mr. Deepak Baba Shinde and Mr. Amol Chavan highlighted the importance of offering demand-driven MDM track options tailored to student needs and preferences. Furthermore, a MDM centre was suggested to implement the MDM tracks. Some specific suggestions were

also given by the external members such as: including AI-ML courses into CSE tracks and offering separate AI-ML MDM track as soon as AI-ML department is constituted in near future.

- Since the implementation of MDM courses is set to begin in the even semester of the 2024-25 academic year, it was resolved to explore the possibility of introducing additional MDM tracks.
- It was agreed that the curriculum structures for minors, honors, and exit programs should be reviewed to accommodate scheduling constraints and resource availability.
- The Council approved the following recommendations from external experts:
  - UG Civil Engineering: Add topics such as pre-stressed concrete, architecture, and geosynthetics to the curriculum.
  - UG Mechanical Engineering: Rename the "Techno-societal Case Study" to "Field Study."
  - UG Electronics Engineering: Relocate the "Data Structures and Algorithm Lab" from the field project category into the program core.
  - Add advanced excel / spreadsheet applications through OEs.

AC 18.4. *To discuss and approve curriculum structure and detailed syllabi for F.Y. B.Tech. for new UG programs (1. Robotics and Automation 2. Artificial Intelligence and Machine Learning)*

The Academic Council reviewed and approved the curriculum structure (F.Y. to Final year) and detailed syllabi for the first year of the B.Tech programs in the new undergraduate disciplines of Robotics and Automation, and Artificial Intelligence and Machine Learning.

It was also proposed that a MDM track in Robotics and Automation be developed and made available to all other undergraduate programs. Additionally, it was recommended to include topics on real-time operating systems into it.

For the AI-ML program, specific titles should be assigned to AI courses rather than using generic labels such as AI1, AI 2, AI 3, and AI 4. Furthermore, AI-ML MDM tracks should not be offered to undergraduate students majoring in Computer Science and Engineering (CSE) or Information Technology (IT).

AC 18.5. *To discuss and approve curriculum structure (F.Y. and S.Y. M. Tech) and detailed syllabi for F.Y. M. Tech. for new and renamed PG programs (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering)*

The Academic Council reviewed and approved the curriculum structure (F.Y. and S.Y. M. Tech) and detailed syllabi for F.Y. M. Tech. for new and renamed PG programs (1. Thermal Engineering, 2. Manufacturing Engineering, 3. Data Science, 4. Construction Management, 5. Control and Instrumentation 6. Electronics and Communication Engineering)

It was resolved to consider implementing the reforms suggested by the recent UGC guidelines for postgraduate curricula, including the possibility of substituting research-based dissertations, either fully or partially, with additional professional mini-projects targeted to increase employability.

A specific suggestion was made to incorporate Supply Chain Management as either an open elective or a core subject in all eligible postgraduate programs. Additionally, it was recommended to integrate open-source software and applications into the curriculum. It was also decided to introduce demand-driven courses, such as Data Center Management, into the Data Science M.Tech program and other relevant programs. Similarly, a course on Facilities Management may be added to both undergraduate and postgraduate programs in Civil Engineering.

There was also a proposal to request the government to permit admissions to postgraduate programs without the requirement of GATE examination scores.

AC 18.6. *To discuss and approve curriculum structure and detailed syllabi for S.Y. M. Tech. for all running 10 PG programs for the batch entered into AY 2023 - 24.*

The Academic Council reviewed and approved curriculum structure and detailed syllabi for S.Y. M. Tech. for all 10 running PG programs for the batch entered into AY 2023-24.

AC 18.7. *To discuss and approve the curriculum structure of Final Year B. Tech. for AY 2024-25 and AY 2025-26 and detailed syllabi (All UG programs)*

The Academic Council reviewed and approved the curriculum structure for the final year of the B.Tech programs for the academic years 2024-25 and 2025-26, as well as the detailed syllabi for all undergraduate programs.

AC 18.8. *To discuss and approve policy regarding MOOC (NPTEL etc.) and Internships courses conduct and assessment.*

Members suggested incorporating MOOCs such as NPTEL courses into the honor program, open electives (OEs), and professional electives (PEs). The previous resolution AC 17.6 is proposed to be revised as follows:

- NPTEL courses may be offered if approved by the Chairman of the Board of Studies, in accordance with the approved structure.
- Students' performance and marks in NPTEL courses will be aligned with their WCE examination results, as per the Dean Academic's note dated May 18, 2024.
- Each department should designate a faculty member to coordinate NPTEL-related activities. The student will be permitted to take the re-examination conducted by WCE.
- The institute may support the student with full or partial NPTEL registration fees, provided the student submits the NPTEL pass certificate to the respective department.
- The Council resolved to allow the inclusion of recorded NPTEL courses for students, with arrangements for WCE examinations if such a course is not being run in that academic year by NPTEL. It was noted that faculty proficiency in coordinating these courses is essential.

The internship policy proposed for the UG: NEP batch was approved as under:-

- A minimum of 8 internship credits strictly related to major discipline/ partly on 2nd minor if desired should be earned by students.
- Full-time in the summer or part-time during the semester internship is permitted
- Internship coordinator part of CAS cell will coordinate to arrange internships for students and internship assessment etc.
- Internship Evaluation to be carried out in subsequent semester Committee of three people (1 CAS cell + 1 mentor + 1 dept. member)

Sr. No.	Schedule	Duration	Credits	Activity
1	Summer Vacation after 1st Year	3 to 4 Weeks	2	Inter or Intra Institutional Training/workOR Soft skill Boot camp
2	Summer Vacation after 2nd Year	3 to 4 Weeks	2	Industry/ Govt. / NGO/ MSME/ Rural Internship/ Innovation/ EntrepreneurshipOR Certifications
3	After TY ESE	Minimum 8 Weeks	4	Industry/ Govt. / NGO/ MSME/ Rural Internship/ Innovation/ Entrepreneurship

AC 18.9. *Any other points with permission of the Chair*

- The Council underscored the need to develop and implement certification courses for both WCE and external candidates, with an option of running it on a non-profit approach in initial offerings. The CCE coordinator and major academic departments were advised to assess and introduce these demand-driven courses. The option to engage external experts may also be considered if required.
- It was resolved that, *in Section 4.1.2 of Academic Rules and Regulations which is related to Admission to the next Higher Class 75% should be replaced by 66.67%.*
- It was decided that students seeking to improve their grades through re-examinations (having grade CC or below) at the end of the academic year will be charged Rs. 1500 per course. For moderation requests, a fee of Rs. 100 per evaluated answer book will be applied.
- Additionally, it was resolved to explore the possibility to conduct Mid-Semester Examinations (MSEs) online to achieve digitalization in line with NEP 2020. This will be implemented in stages, starting with selective departments.
- It was resolved to offer additional mandatory courses totalling four credits to directly admitted second-year B.Tech. students who have earned a diploma in a different branch and students who got the branch transfer at Second Year. For the students, who are entering into NEP complaint curriculum after a break (for example due to Year down, detentions etc.), the 37th ASC minute number 37.3 will have to be followed.

To close the meeting, the Chairperson, AC expressed gratitude to all members for their valuable contributions and insights.

Dr. A. K. Kokane,
I/C Member Secretary,
Academic Council, WCE

Prof. (Dr.) Uday A Dabade,
Chairman,
Academic Council, WCE

Walchand College of Engineering

(Government-Aided Autonomous Institute)

Vishrambag, SANGLI - 416415 (M.S.) India
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PLATINUM JUBILEE
YEAR 2021-22

☎ +91-233-2303433   Email : info@walchandsangli.ac.in

WCE/Academic Council/ 3153

Date:

NOTIFICATION
ACADEMIC COUNCIL: COMPOSITION

≡ .8 JAN 2024

Academic Council for Walchand College of Engineering, Sangli has been constituted for three-year term (15th July 2023 – 14th July 2026). The committee composition is made as per reference UGC guidelines and SUK expert nominations.

Ref: 1. University Grants Commission (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2022, F. No. 1-18/2021 (CPP-II)
2. Letter received by Shivaji University, Kolhapur No.SUK/Affiliation/T-2/714;dt. 14th July 2023

SN	Composition	Name and Affiliation	Nominated By	Remarks
1	Director	Prof. Dr. U. A. Dabade, Professor and I/C Director	Ex - Officio	Chairperson
2	All HoDs	Dr. G. R. Munavalli, HoD, Civil Engineering		Member
		Prof. Dr. S. N. Tande, HoD, Applied Mechanics		Member
		Dr. S. U. Sapkal, HoD, Mechanical Engineering		Member
		Dr. D, S. More, HoD, Electrical Engineering		Member
		Dr. S. D. Ruikar, HoD, Electronics Engineering		Member
		Smt. Dr. M. A. Shah, HoD, Computer Sc. and Engg.		Member
		Dr. R. R. Rathod, HoD, Information Technology		
		Shri. A. A. Powar, FY CO., Humanities and Science		
3	Four Teachers representing various categories of teaching staff	Dr. U. A. Dabade, Professor Mechanical Engineering	Director by rotation	Member
		Dr. K. S. Gumaste, Asso. Prof. Civil Engineering		Member
		Dr. B. F. Momin, Asso. Prof., Comp.Sci. and Engg.		Member
		Shri. N. V. Marathe, Asso.Prof. Electronics Engg.		Member
4	Not less than four experts from industry, education, engineering etc.	Shri. H. J. Dhande, Academic Relationship Manager, Tata Consultancy Services, Pune	Administrative Council (BoG)	Member
		Dr. Sandeep Wankhade, Chairman, TRIZ Chapter pan India, TRIZ Association of Asia		
		Shri. Deepak Shinde-Mhaisalkar, Independent Director of Hindustan Aeronautics Limited (HAL), by the Ministry of Defense, Govt. Of India.		
		Shri. Hemant Gadgil, Executive Director - Dassault Systems Foundation, India (La Foundation Dassault Systems, India) Pune		
5	Three nominees of university	Dr. S. J. Wagh, Government Engg. College Karad	Vice Chancellor, Shivaji University,	Member
		Dr. P. V. Kadole RIT, Sakharale		
		Dr. V. R. Ghorapade, Bharati Vidyapeeth College of Engg., Kolhapur		
6	Controller of Examination	Dr. B. N. Naik	Director	Member
7	One Faculty member	Smt. Dr. S. P. Sonavane, Dean Academics	Director	Member Secretary

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Term: The term of the nominated members shall be three years.

Meetings: Meetings of the Academic Council shall be held at least once every six months.

Note: Director may invite any faculty member from the college or experts from outside for participating/ emic Council on specific issues. In case of any critical decision making, invitees will not have voting power.

Functions of the Academic Council:

a) To scrutinize and approve the proposals with or without modification of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications thereof, instructional and evaluation arrangements, methods, procedures relevant thereto etc., provided that where the Academic Council differs on any proposal, it shall have the right to return the matter for reconsideration to the Board of Studies concerned or reject it, after giving reasons to do so.

b) To make regulations regarding the admission of students to different programmes of study in the college keeping in view the policy of the Government.

c) To make regulations for sports, extra-curricular activities, and proper maintenance and functioning of the playgrounds and hostels.

d) To recommend to the Governing Body proposals for institution of new programmes of study.

e) To recommend to the Governing Body institution of scholarships, studentships, fellowships, prizes and medals, and to frame regulations for the award of the same.

f) To advise the Governing Body on suggestions(s) pertaining to academic affairs.

g) To perform such other functions as may be assigned by the Governing Body.

Prof. Dr. U. A. Dabade
I/C Director

Copy to
1. All Members
2. Dean Academics
3. All HoDs
4. Controller of Examination
5. Director BCUD SUK, for information

Ref: WCE/ACAD/AC/2023-24/02   Date:8th Jan. 2024

To
The Members,
Academic Council (AC)
Walchand College of Engineering, Sangli

Sub: 17th AC Meeting- Notice and Agenda

Dear Sir/Madam,

17th AC Meeting of Walchand College of Engineering, Sangli is scheduled as:
Day, Date :Wednesday, 10th Jan. 2024   Time   : 3.00 p.m.
Place   : Conference Hall, WCE, Sangli   Mode : Hybrid

Agenda of the meeting is as follows:

Sr. No.	Agenda Description	Action Required
1.	To welcome and to take a note of change in member nominations on WCE Academic Council	Note
2.	To confirm minutes of 16th AC and 35-36th ASC	Confirmation
3.	To update and review the performance of WCE in NAAC and NBA	Discussion and Directives
4.	To review Vision, Mission and Objectives (VMO) statements of the Institute	
5.	To note Academic Calendar for even semester AY2023-24 and odd semester AY 2024-25	
6.	To discuss inclusion of SWAYAM-NPTEL course credits in WCE curriculum	
7.	To propose conversion of diploma to degree program, increase in program student intake, change in program nomenclature and initiation of new program	
8.	To start teaching at FY UG/PG /Diploma in hybrid mode	Approval
9.	To incorporate Value Education in Teaching Learning Process	
10.	To initiate online learning and coding environment	
11.	Any other points with the permission of Chairperson	---

Thanking You,

Dr. S. P. Sonavane
Dean Academics & Member Secretary
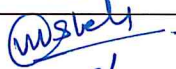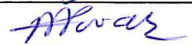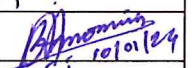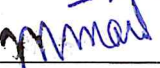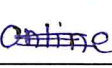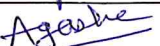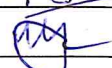
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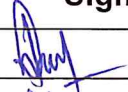## (Govt. Aided Autonomous Institute)
Attendance Sheet
17th Academic Council meeting of Walchand College of Engineering, Sangli

Day, Date: Wednesday, 10th Jan 2024   **Time:** 03.00pm
Venue: Conference Hall

Sr. No.	Members and Invitees	Designation	Sign.
1	Dr. U. A. Dabade, I/C Director	Chairperson	
2	Dr. Mrs. S. P. Sonavane, Dean Academics	Member Secretary	
3	Dr. G. R. Munavalli, HoD, Civil Engg.	Member	
4	Dr. S. N. Tande, HoD, App. Mech. Engg. *Dr. S.B. Kadam*	Member	
5	Prof. S. U. Sapkal, HoD, Mechanical Engg.	Member	
6	Dr. D. S. More, HoD, Electrical Engg.	Member	DSMore
7	Dr. S. D. Ruikar, HoD, Electronics Engg.	Member	
8	Dr. Mrs. M. A. Shah, HoD, Computer Science and Engg.	Member	
9	Dr. R. R, Rathod, HoD, Information Technology	Member	
10	Shri. A. A.Powar, FY B.Tech Co-coordinator	Member	APowar
11	Dr. K. S. Gumaste, Associate Professor, Civil	Member	
12	Dr. B. F. Momin, Associate Professor CSE	Member	BFmomin 10/01/24
13	Mr. N. V. Marathe, Associate Professor, Electronics	Member	
14	Mr. H. J. Dhande, Academic Relationship Manager, Tata Consultancy Services, Pune.	Member	~~Online~~
15	Dr. Sandeep Wankhade, Chairman, TRIZ Chapter pan India, Pune.	Member	online
16	Mr. Deepak Shinde-Mhaisalkar, Independent Director of Hindustan Aeronautics Limited (HAL), by the Ministry of Defense, Govt. of India.	Member	
17	Mr. Hemant Gadgil, Executive Director - Dassault Systems Foundation, India (La Fondation Dassault Systems, India) Pune	Member	online
18	Dr. S. J. Wagh, Government Engg. College karad	Member	online.
19	Dr. P. V. Kadole, RIT, Sakharale	Member	—
20	Dr. V. R. Ghorpade, Bharati vidyapeeth college of Engg., Kolhapur	Member.	online
21	Dr. B. N. Naik, CoE	Member	
22	Dr. S. G. Tamhankar, Registrar	Invitee	
23	Dr. Mrs. A. A. Agashe, Dean R & D	Invitee	Agashe
24	Dr. A. K. Kokane, ADQA	Invitee	

Walchand College of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli, 416 415.

Date: 16ᵗʰ Jan. 2024

17ᵗʰ Academic Council_Minutes of Meeting:

The 17ᵗʰ Academic Council meeting of Walchand College of Engineering (WCE), Sangli was held on 10ᵗʰ January 2024 at 3.00 p.m. in WCE conference hall. The meeting was conducted in a hybrid communication mode and a *Zoom* meeting link was shared for joining external members online.

Following members attended the meeting:

1. Dr. U. A. Dabade - Chairperson
2. Dr. G. R. Munvalli, HoD, Civil Engg. WCE Sangli
3. Dr. S. B. Kadam, I/C HoD, APM. WCE Sangli
4. Dr. S. U. Sapkal, HoD, Mechanical Engg., WCE Sangli
5. Dr. D. S. More, HoD, Electrical Engg., WCE Sangli
6. Dr. S. D. Ruikar, HoD, Electronics Engg., WCE Sangli
7. Dr. Mrs. M. A. Shah, HoD, Computer Science and Engg. , WCE Sangli
8. Dr. R. R. Rathod, HoD, Information Technology, WCE Sangli
9. Prof. A. A. Powar , F.Y. B.Tech Co-coordinator, WCE Sangli
10. Dr. K. S. Gumaste, Associate Professor, Civil Engg. Dept. WCE Sangli
11. Dr. B. F. Momin, Associate Professor, CSE, Dept. WCE Sangli
12. Prof. N. V. Marathe, Associate Professor, Electronics Engg. Dept. WCE Sangli
13. Dr. Sandeep Wankhade, Chairman, TRIZ Chapter Pan India, Pune (online)
14. Shri.. Deepak Shinde-Mhaisalkar, Independent Director of (HAL)
15. Shri. Hemant Gadgil, Exec. Director, Dassault Sys.Foundation, Pune (online)
16.) Dr. S. J. Wagh, Government College of Engg. Karad (online
17. Dr. V. R. Ghorapade, Bharati Vidhyapith College of Engg., Kolhapur (online)
18. Dr. B. N. Naik, CoE, WCE Sangli
19. Shri. Amol Chavan, Administrative Council Member, WCE Sangli - Invitee
20. Dr. S. G. Tamhankar – Registrar - Invitee
21.Dr. (Mrs) A. A. Agashe – Dean R&D - Invitee
22. . Dr. A. K. Kokane, MS-IQAC, WCE Sangli - Invitee
23. Dr. S. P. Sonavane, Dean Academics, Member Secretary, WCE Sangli

Leave of absence was granted to Shri.. H. J. Dhande, Academic Relationship Manager, TCS, Pune and Dr. P. V. Kadole RIT, Sakharale.

An attendance sheet is attached as an Annexure I

- **Discussions on Agenda:**

Agenda Item AC.17.01: To welcome and to take a note of change in member nominations on WCE Academic Council

The Academic Council (AC) meeting was started in a hybrid mode. The I/C Director of WCE Sangli welcomed all AC and invitee members as the Chairperson of the committee. He briefed about the recent updates in the AC committee member composition due to positional change in Controller of Examination and FY Coordinator in WCE Sangli.

Resolution:

The committee noted and accepted the change in internal members in AC composition.

Agenda Item AC.17.02: To confirm minutes of 16th AC and 35th -36th ASC

Dean Academics shared the minutes and highlighted the major discussions in the following meetings for confirmation:

i)   The 16th AC meeting was held on 28th July 2023. The major points discussed in the meeting were to finalize TY-UG Structure & Syllabus, FY-UG &PG structure (w.e.f. AY 2023-24) under NEP2020 guidelines and to make amendment in the WCE Exam Rules and Regulations.

ii)   The 35th ASC meeting was held on 31st July 2023. The meeting was aimed to finalize FY-UG &PG syllabus (w.e.f. AY 2023-24) under NEP2020 guidelines, to overview NEP2020 activity timeline and to undergo reports of NEP2020 celebration week.

iii)   The 36th ASC meeting was held on 13th Oct. 2023. The decision of engaging Supplementary Exam for Year Down failed students (AY 2023-24) was taken in the meeting. The additional discussion was carried out to decide the equivalence course policy applicable to the re-registration course.

Resolution:

The committee members went through the minutes of these three meetings and confirmed those minutes. (Ref: Annexure-II, III, IV)

Agenda Item AC.17.03: To update and review the performance of WCE in NAAC and NBA

The members were updated about the recent visit of NAAC peer review committee during 30th Nov- 1st Dec.. 2023. WCE's performance under NAAC accreditation was discussed.

The members were also informed about the scheduled NBA visit during the period of 19th -21st Jan 2024. The preparedness of the Civil department (Cycle-2); Mechanical and IT departments (Cycle-1) was overviewed.

Resolution:

Members shared their expert inputs for fulfilling necessary requirements towards accreditation visits.

Agenda Item AC.17.04: <u>To review Vision, Mission and Objective (VMO) statements of the Institute</u>

The VMO and Quality Policy statements of WCE, Sangli were shared with members and the forum was made open for review and discussions.

Members expressed that VMO, Quality Policy of the Institute and hence, VMO and PEO of the programs need to be relooked considering the recent trends, OBE practices and interdisciplinary approaches suggested in NEP2020 guidelines.

Resolution:

Members asked to have brainstorming exercise at the Institute level and to arrange for a separate meeting to revise the VMO of the Institute and of the departments.

Agenda Item AC.17.05: <u>To note Academic Calendar for even semester AY2023-24 and odd semester AY 2024-25</u>

The academic calendars for following semesters were shared mentioning that:

- Even Semester AY2023-24

  (for FY to final year B.Tech UG and FY, SY PG Classes)
- Odd Sem. AY 2024-25

  (for SY to final year B.Tech UG and SY PG Classes)

The members were also informed that the laboratory examinations are scheduled prior to the end semester theory examination. (Ref: Annexure- V, VI)

Resolution:

The members noted and approved the academic calendars to implement in the respective semesters.

Agenda Item AC.17.06: <u>To discuss inclusion of SWAYAM-NPTEL course credits for WCE curriculum</u>

Under the AICTE supported credit transfer scheme; recommendations from Electronics, CSE and IT departments were received to offer SWYAM- NPTEL courses to students. A list consisting of four courses; 'Blockchain and its Applications', 'Social Networks', 'Internet of Things', 'Privacy and Security in Online Social Media' was put by heads of the departments to offer the courses at UG VIIIth semester and PG IInd semester. The matter was discussed in length and following resolution was passed.

Resolution:

- The courses recommended by HoDs were approved and are allowed to offer at any semester to UG and PG programs. It was suggested that, the list can further be expanded with additional SWAYAM-NPTEL course titles with the procedural approval from respective department's BoS committee.
- Initially, a student can undertake only one NPTEL course per semester under credit transfer scheme. For any additional policy, department BoS recommendation is required for further consideration.
- In general, NPTEL course-work of four weeks is required to obtain one WCE credit.

- Student's NPTEL course performance and marks be considered for aligning it to WCE examination results. Department should assign faculty member to coordinate the activity.
- In case if NPTEL registered student fails to clear the NPTEL course exam, a provision of equivalent course having WCE course code should be made available by respective department. The respective department should arrange for the course teacher to engage teaching for remedial classes (maximum 4 remedial class hours for 1 credit course; as a guideline) for the equivalent course syllabus. The student is to be allowed to appear for the examination conducted by WCE for that equivalent course. This examination for equivalent course is to be arranged along with re-exam schedule and as per re-exam guidelines.

  The question paper for this equivalent course exam should be set and answer books should be assessed by the course teacher recommended by HoD of the respective department.
- In case, if a student fails to clear in this equivalent course exam, he/she should re-register in the successive year with equivalent course recommended by HoD of the respective department.
- Institute can support student with full/partial NPTEL registration fees; once student submits NPTEL pass certificate to the respective department.

Agenda Item AC.17.07: To propose conversion of diploma to degree program, increase in program student intake, change in program nomenclature and initiation of new program

In view of streamlining a few of the strategic decisions as attached in Annexure-VII, a discussion leading to the scope of the following proposal was carried out:

i) Starting new programs /divisions at UG/PG

ii) Discussions on AICTE scheme of UG/PG for Working Professionals

iii) Changing the nomenclature for PG programs

iv) Initialization of certificate programs

v) Consideration of proposal of Diploma to Degree program with option of award of Diploma at appropriate exit as per NEP 2020

vi) Discussions on curriculum making process as per NEP 2020

Resolution:

Committee members agreed with the potential of the proposal and recommended for further processing.

Agenda Item AC.17.08: To start teaching at FY UG/PG /Diploma in hybrid mode

WCE faculty members are using ICT (Information and Communication Technology) since long for lecturing purpose. As a progression step, it was proposed to strengthen the e-content creation facility in WCE campus. Hence, FY UG, FY PG and FY Diploma

classes are selected for lecture capturing and recording. To achieve the purpose, it was informed that the WCE Recording Studio facility, Impartus/UpGrad and supporting Open Source Software (OSS) are planned as appropriate platforms. It was further informed that the recorded contents are to be made available to students in the view of distance learning reference.

Resolution:

Members appreciated the initiative and approved to have online access to the lecture recordings.

Agenda Item AC.17.09: To incorporate Value Education in Teaching Learning Process

In line with the NEP2020 guidelines, Value Education is planned in the UG academic structure for engineering students. To offer the Value Education course at second year UG in AY 2024-25; a few external agencies were shortlisted by WCE. The course contents given by those agencies were overviewed. It was also informed that some related infrastructure and Value Education laboratories are planned for development in WCE campus.

Resolution:

Members went through the proposal and asked to prepare detail course contents for offering Value Education course. Members also informed to get the course contents approved in H&S BoS for its implementation in line with the NEP2020 policy.

Agenda Item AC.17.10: To initiate online learning and coding environment

HOD CSE proposed online learning and coding platforms for a few programming languages. She mentioned about the importance of such environments to improve the students' skill sets. She presented the reports of Vocareum Lab, CodeZinger and asked for the approval to consider the students' automated assessment through these platforms.

Resolution:

AC members went through the proposals and approved it in principle. Members asked to put the proposal with further details and suggested to explore additional similar platforms including Open Source Software that can help to improve students' proficiency by adapting modern technologies.

Agenda Item AC.17.11: Any other points with the permission of Chairperson

The forum was made open and following points were discussed:

i) HoD CSE, Dr. Mrs. M. A. Shaha requested to consider TY-UG student's application for joining full time industry internship for his VIth semester. Student requested to allow for joining at internship and continuing his regular academics in absentia simultaneously.

Resolution: As per the curriculum structure, a provision of full semester internship is made available only in VIIIth semester. Student is not allowed to continue his/her academics without attending classes and laboratories.
Hence, the request was denied.

ii) CoE, Dr. B. N. Naik requested to allow M.Tech dissertation III and/or dissertation IV i.e. external evaluation in the online mode.
Resolution: It was resolved that, M.Tech dissertation III and/or dissertation IV evaluations can be arranged in the online mode. However, only external examiner can join in the online mode. M.Tech student should remain present in WCE college campus along with his/her Guide/Internal examiners and appear for the evaluation. It is further decided that in any other special case, appropriate permissions from college authority can be obtained for the mode of engagement.

The meeting ended with vote of thanks. On behalf of WCE Sangli, Chairperson expressed his gratefulness towards valuable time and suggestions given by the AC and invitee members.

16 | 1 | 2024

Dr. S. P. Sonavane
Dean Academics
Member Secretary

Director WCE Sangli
Chairperson, Academic Council

Walchand College of Engineering

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संदर्भ: वाअम/तंशिविकापु/अभ्या.आढावा/अभ्यासक्रम/२८५० दिनांक:१४/१२/२०२३

प्रति,
मा. सहसंचालक,
तंत्रशिक्षण विभागीय कार्यालय,
४१२ ई शिवाजीनगर,
पुणे — ४११ ०१६

विषय: अशासकीय अनुदानित पदविका, पदवी व पदव्युत्तर अभ्यासक्रमांच्या संस्थामध्ये सुरु असलेल्या अभ्यासक्रमांचा आढावा घेवून शैक्षणिक वर्ष २०२४-२५ पासून सुरु असलेले अभ्यासक्रम बंद करणे, अभ्यासक्रमाची प्रवेश क्षमता कमी करणे, मागणीनुसार नवीन अभ्यासक्रम सुरु करणे इ.साठी प्रस्ताव सादर करणेबाबत...

संदर्भ: आपले पत्र क्र. तंशिविकापु/विवि/शासकीय व अनुदानित संस्था अभ्या.आढावा/ २०२३/५७४८, दि. १२/१२/२०२३

महोदय,

उपरोक्त संदर्भीय पत्रानुसार व आज दिनांक १४/१२/२०२३ रोजी आपलेशी झालेल्या ऑनलाईन बैठकीस अनुसरुन या महाविद्यालयातील पदविका, पदवी व पदव्युत्तर अभ्यासक्रमांमधील शैक्षणिक वर्ष २०२४-२५ पासून सुरु असलेले अभ्यासक्रमाची प्रवेश क्षमता वाढविणे, नावात बदल, मागणीनुसार नवीन अभ्यासक्रम सुरु करणे इ.साठी प्रस्ताव सोबत जोडलेल्या प्रपत्रामध्ये भरुन सोबत आपले माहितीसाठी व पुढील कार्यवाहीसाठी पाठवित आहोत.

सदर प्रस्तावासाठी महाविद्यालयाच्या नियामक मंडळाच्या दिनांक १२/१२/२०२३ रोजी झालेल्या २४४ व्या बैठकीमध्ये ठराव संमत झालेला असून, ठरावाची प्रत आपणांकडे विहीत वेळेत सादर करण्यात येईल.

कळावे,

आपला विश्वासू

प्रा. डॉ. यु. ए. दबडे
प्र.संचालक

सोबत: वरीलप्रमाणे

20631

WCE 's Apex Governing Body named Administrative Council vide 12th Dec. 2023, resolved in following way -

A) Conversion of Diploma to Degree courses

In view of NEW EDUCATION POLICY 2020 mandate and going towards UGC framework and **multiple entry and exit option to students shall lead to students getting Diploma** even in Degree programs, it is proposed to convert entire Diploma Programs to Degree programs in aided section only by accommodating all staff etc.

Programs	Diploma (Aided)	Proposed Conversion to UG (Aided)
Civil Engineering	40	40
Electrical Engineering	60	60
Mechanical Engineering	60	60
Electronics Engineering	40	40
	200	200

B) Introduction of New Courses / Increase in Intake capacity of current UG (UNAIDED)

In addition to current aided intake in UG and in addition to above proposed converted intake, we propose additional **unaided** intake in following new courses/ existing courses.

Domain	Course Name	B Tech - Proposed additional - Unaided
Mechanical Engineering	Robotics and Automation	60
Computer Science and Engineering	Artificial Intelligence and Machine Learning	60
	Computer Science and Engineering	90
Information Technology	Information Technology	60
		270

Above is in addition to existing aided courses.

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I/c. DIRECTOR,
Walchand College of Engineering
Sangli.

C) Introduction of New Courses at Current PG (UNAIDED)

In addition to current aided intake in PG, we propose NEW INATAKE in following new emerging technological courses to suit to current manpower needs and also to ensure compliance to New education policy.
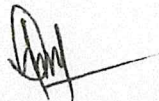
Domain	Course Name	M Tech – Proposed additional – Unaided
Civil Engineering	Construction Management	12
Mechanical Engg.	CAD/ CAM /CAE	12
	Robotics and Automation	18
Electronics Engg.	Embedded Systems and VLSI	12
Electrical Engg.	Electrical vehicle Technology	12
Computer Science and Engg.	Cyber Security	12
	Artificial Intelligence and Data Science	12

Above is in addition to existing un-aided courses.

D) Conversion of PG course nomenclature to suit new emerging technologies with last year intake capacity -

Domain	Course Name-Current	Course Name-Proposed
Mechanical Engineering	Heat Power Engineering	Thermal Engineering
	Production Engineering	Manufacturing Engineering
Electrical Engineering	Control System Engineering	Control and Instrumentation
Electronics Engineering	Electronics Engineering	Electronics and communication Engineering
Information Technology	Computer Science and Information Technology	Data Sciences

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E) In view of the AICTE policy of granting additional supernumerary division for UG/PG for working professionals, WCE as it is eligible based on admitted student strength, propose to apply for additional divisions in each UG and select PG courses for working professionals –

Programs	B Tech – current	Additional Division for Working professionals as supernumerary
Civil Engineering	60	30
Mechanical Engineering	60	30
Electrical Engineering	60	30
Electronics Engineering	60	30
Computer Science and Engineering	90	30
Information Technology	60	30
	390	**180**

Programs	Course Name	M Tech – Current	Additional Division for Working professionals as supernumerary
Civil Engineering	Civil - Structural Engineering	30	15

F) Change in Nomenclature in Diploma in IE.

WCE has current Diploma in Industrial Electronics. We propose to change to Electronics and Communication engineering for existing courses.

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