



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>WALCHAND COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Prof, Dr. U.A. Dabade</b>	
• Designation	<b>Incharge Director</b>	
• Does the institution function from its own campus?	<b>Yes</b>	
• Phone No. of the Principal	<b>02332303433</b>	
• Alternate phone No.	<b>02332303433</b>	
• Mobile No. (Principal)	<b>9820542138</b>	
• Registered e-mail ID (Principal)	<b>director@walchandsangli.ac.in</b>	
• Address	<b>Opp. Willingdon Post Office, Vishrambag, Sangli</b>	
• City/Town	<b>Sangli</b>	
• State/UT	<b>Maharashtra</b>	
• Pin Code	<b>416415</b>	
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>21/11/2006</b>	
• Type of Institution	<b>Co-education</b>	
• Location	<b>Urban</b>	

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. A. K. Kokane				
• Phone No.	02332303115				
• Mobile No:	9822964111				
• IQAC e-mail ID	msiqac@walchandsangli.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.walchandsangli.ac.in/iqac/AOAR%202019-20.pdf">http://www.walchandsangli.ac.in/iqac/AOAR%202019-20.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.walchandsangli.ac.in/academics2122.asp#Academic%20Calendars%2020-21">http://www.walchandsangli.ac.in/academics2122.asp#Academic%20Calendars%2020-21</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.25	2016	29/03/2016	31/12/2022
<b>6.Date of Establishment of IQAC</b>			05/05/2015		
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	01/06/2020	Nil	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	3				
• Were the minutes of IQAC meeting(s) and	Yes				

compliance to the decisions taken uploaded on the institutional website?		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>1. Seed funding project "Sanitizer Tunel for WCE" 2.2 days online FDP on Engineering Pedagogy in Post Covid - 19 Paradigm 3. online guest lecture on" Unlocking the Opportunity by unboxing the mind power" 4. Online Workshop conducted on 24 &amp; 25 Sep 2020 on "Outcome based Education" 5. One week online workshop on "Digital Transformation &amp; Pedagogies" at WCE on 10 to 14 August 2020</p>		
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>		

Plan of Action	Achievements/Outcomes
<p>Organizing e-baja competition for battery operated all-terrain vehicle. Developing IPR policy for institute</p>	<p>Organized e-baja competition for battery operated all-terrain vehicle. Effi-cycle competition for battery operated tricycle. Funding is provided for patent filing. IPR policy for institute is developed. In 2020-21 following patents are filed. a) Contactless Sanitation System b) Real-time temperature monitoring system for casting plant. C) Water Supply System for Multistory Buildings. d) A Method of working of a Vibration Isolation system using Phononic Material in a Structure. e) Handy device and process for non- destructive identification of devgad alphonso mango and its ripening percentage f) Design and Development of SOA based context aware pervasive system frame work g) A Smart Egg incubation system with gender identification and machine learning based automatic controlling h) Vibration Suppression of civil Engineering structures by using three dimensional isolator i) Device to detect Harmonic Distortion</p>
<p><b>13.Was the AQAR placed before the statutory body?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p>AC</p>	<p>24/07/2021</p>
<p><b>14.Was the institutional data submitted to AISHE ?</b></p>	<p><b>Yes</b></p>

- Year

Year	Date of Submission
2021-2022	09/01/2023

### 15. Multidisciplinary / interdisciplinary

NEP-2020 is a comprehensive policy emphasizing higher education's multidisciplinary & multimode approaches with significant technical support. Walchand College of Engineering, Sangli, had its modest establishment in 1947 with only a single UG program. With 75 years of excellence, the entire Institute journey has proved its acquiescence with modern technology by expanding itself to six UG, ten PG programs, and a Ph.D. research center status. In 2019 the institute further progressed with the announcement of minor and value-added courses. Since its academic autonomy, i.e., 2007-08, the institute has become a pioneer in offering professional elective courses, a few with the help of industry support. Well before the launch of NEP-2020 i.e., July 2020, the institute had envisaged the need for an interdisciplinary approach given the convergence of the aptitude. Way back in 2015 itself, the institute introduced a concept of Open Electives from the 5th to 8th semester, wherein the students were required to choose an Open Elective from the other branch than their branch. On similar grounds, open electives were included in PG courses. Such knowledge exchanges provided a prominent platform to work in teams with multidisciplinary skill sets. Introduction of Mini projects from the 4th to 7th semester, in addition to the mega project in the 8th semester, enables students to undertake interdisciplinary problem statements involving nearly all disciplines. Since 2016, a research symposium has been arranged as a yearly activity. The institute being residential, many of the students work after working hours 24x7 laboratories open to all. The culture is so developed that students used to be more active with supporting extra-curricular activities. This interaction inspires students to form various student clubs. To date, fourteen clubs have been created, and it has become a regular practice to arrange various national and even international events where platforms are made open to demonstrate collaborative and cooperative knowledge, skills, and attitude. Thus, offering multidisciplinary, current-state of art professional electives, a Minor in Engineering, Value Added Courses (VAC), mini projects, hackathons, ideathons, bookethons, innovation cells, etc., are the

proven practices followed by WCE. These practices infiltrate NEP policies into the institute premises.

#### **16.Academic bank of credits (ABC):**

UGC has introduced the "Academic Bank of Credits (ABC)" to promote student-centric education. ABC's primary focus is building a transformative educational framework that helps faculty members manage and check the credits earned by their students at will. In short, ABC is a digital storehouse that contains information on the credits earned by individual students throughout their learning journey. It enables students to open their accounts and gives multiple options for entering and leaving colleges or universities. There may be "multiple exits" & "multiple entries" points during the higher education tenure, and credits will be transferred through the ABC seamlessly by helping students to hold a multi-disciplinary educational approach. The idea is to make students "skillful professionals" and support their growth. Accordingly, WCE has registered for ABC and given wide publicity amongst the students through the institute website (<http://www.walchandsangli.ac.in>) with a link to register for ABC. The request made by WCE to register for ABC is approved and verified by National Academic Repository (NAD). WCE ID is 'NAD036768'.

It is worth mentioning that, even well before the concept of the Academic Bank of Credits was introduced, WCE started the Student Exchange Program with other institutions in 2015. Around six students of WCE have already benefited from the credit transfer system by collaborating with the College of Engineering, Pune. Academic office of WCE also permits students to undergo NPTEL courses instead of Professional and Open Electives, and the grades obtained are to be transferred and amalgamated in WCE Grade Cards. These executions of reserving credits for the fulfillment of the award of the college degree are the shreds of evidence that WCE has prepared its mindset to follow ABC policies.

#### **17.Skill development:**

While knowledge and research are the focus of undergraduate engineering education, multi-domain skills are needed for employability readiness. It can not be ignored. The WCE is addressing the concern of skill development in multiple ways. WCE has incorporated skill-based laboratories right from the first year of the UG program. In total, provisions of five mini-projects and one mega-project have been introduced in the curriculum. A simultaneous endowment of five to seven professional electives and an industry internship of two to twelve weeks can prove necessary means to gain various required skills for the Students. A special

incorporation of the courses named 'IPR' and 'Technical Report Writing', 'Learning Foreign (German) language' has improved students' learning ability.

A special task force under training and placement is in action to enhance students' overall ability toward personality development. WCE has specifically designed a Value Added Course on Aptitude Training, and other Value Added Courses on Programming Languages. As mentioned earlier, students' clubs are very active in arranging the weekly event for overall skill improvements in technical, behavioral, learning, listening, analytical, linguistic, and coding domains. MoU with various industry partners and setting up a Center of Excellence (CoE) make critical problems available to students. The optimal or near-optimal solution pathways allow them to find non-deterministic, feasible, cost-effective solutions. An MoU with STEAM by Diana laboratory has allowed students to reach school students and demonstrate and build educational models. Hence, these active engagements are helpful for skill development for students.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Walchand College of Engineering offers higher education in engineering and technology; its official language of communication is English. However, as many of the students admitted to this college have a rural background; the additional mentoring system is made available where the local language, i.e., 'Marathi' is also used as a supporting language to clarify doubts and re-explain a few facts and concepts, mentioned in the curriculum. Few yearly programs are arranged to exhibit Indian traditions and culture with the most enthusiasm.

WCE has introduced courses like 'Ethics and Management,' 'Human Relations at Work,' 'Law and Engineering,' 'Environmental Science,' 'Constitution of India,' 'Ecology,' 'Biology,' 'Geology,' etc. as additional supporting courses. Faculty members actively translate technical content into the regional languages under various banners and AICTE schemes. A central library and each department's exclusive library is equipped with many titles and online subscriptions that are appropriately integrated into the Indian Knowledge system.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Various programs offered by the institute were accredited by the National Board of Accreditation, which essentially certified the implementation of OBE in accordance with the Washington Accord. Since Engineering Education has changed its conventional track from a teacher-centric approach to a student-centric outcome-based system, the WCE has redesigned the curriculum structure and syllabus



of courses integrating the OBE. The Course Outcomes were designed with appropriate cognitive levels using Bloom's revised taxonomy. Further, a scientific mapping is done of each Course Outcome (CO) with all Program Outcomes (POs) and Program Specific Outcomes (PSOs) and given in a mapping table in the curriculum itself.

Further, WCE is most probably the pioneer in mapping each sub-question in the Mid Semester and End Semester examinations to the Course Outcomes as per examination reforms and guidelines stipulated by AICTE. Hence, it is pretty easy to quantify the attainment of each Course Outcome directly. Further, we have incorporated indirect methods based on the Course Feedback from Students, Employers, and Alumni to evaluate the attainment of Program Outcomes. Indirect attainment is suitably factored in process of computing the overall attainment of the course and program outcomes.

A provision of continuous assessment in the form of In-semester evaluation (ISE) gives a good opportunity for teacher evaluators to implement various modes and pre-defined rubrics for better assessment in view of OBE.

## **20.Distance education/online education:**

The COVID-19 situation has geared the infrastructure and overall attitude toward Distant Education through online modes. WCE met the COVID challenge effectively and started ONLINE Classes as early as April 2020 itself without even waiting for directives from University/UGC/AICTE, State, and Central Governments. Moreover, WCE effectively has utilized Free Certification Courses offered by COURSERA under their COVID-specific program. WCE now has a complete setup for conducting ONLINE Sessions as and when needed, even after COVID-19 Pandemic is over, and OFFLINE Academics is started with a licensed Microsoft Teams Platform, Google Meet, and licensed ZOOM Platform, licensed Impartus platform as well. The State-of-the-art Recording Studio is in place; many faculty members upload their sessions on YouTube. Few Faculty members even record actual lectures conducted in the classroom to benefit absent students and for revision. Online Education has helped a lot in conducting Virtual Sessions with Eminent personalities from India and abroad. WCE has already permitted to transfer of the Credits earned by Students from NPTEL Courses instead of Elective subjects. WCE further intends to offer Online Certification Programs as well through its Center for Continuous Education.

## **Extended Profile**

### **1.Programme**

1.1

16



Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 2.Student

2.1 **2237**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 **623**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 **2237**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 3.Academic

3.1 **581**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 **118**

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>16</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>2237</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>623</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>2237</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>581</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	118
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	90
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	335
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	38
Total number of Classrooms and Seminar halls	
4.3	1183
Total number of computers on campus for academic purposes	
4.4	640.53
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The recommendations are discussed with multiple industry-academia interaction bodies. These bodies are grouped into various committees like the Department Committee, Board of Studies (BoS), Department Advisory Board (DAB), and Industry Consultation Committee (ICC). The department committee analyses the formal and informal feedback from alumni, employers, and local society. The curriculum is correspondingly framed to address the needs of local

and global communities to meet the requirement of critical thinking, scholarship of knowledge, industrial application, etc. The course syllabi and course outcomes (CO) are decided in Department Committee and are sent to BoS for further suggestions and hence the decisions. The curriculum approved in BoS is forwarded to the Academic Council for endorsement and approval. The curriculum of each program department takes into account the local, regional, national, and global developmental needs. The topics related to Civil Engineering are typically related to the environment, water quality, air quality, pollution, green ambiance, and designing cost-effective and robust civil structures. The curriculum also has courses such as foreign language, human relations at work, techno-socio activity, etc., relevant to international, national, and local developmental needs. DAB mainly focuses on academic quality monitoring, curriculum assessment mechanisms, and attainment calculations; thus, it actively decides policy matters.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="http://www.walchandsangli.ac.in/AllDept.asp">http://www.walchandsangli.ac.in/AllDept.asp</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

49

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

49

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Higher education always has ancestries incorporating human values

and ethics in the curricula. It is witnessed at the first entry level of the student at FY UG, where an induction program is provided. Thus the entry-level students undergo various activities related to human values, ethics, and gender-related issues for around two to three weeks. The highest authority of the college addresses the gathering of the fresher aspirants and their parents by welcoming and briefing them about the institute's vision, mission, objectives, philosophy, and culture.

A step further, a few credit courses on human values, legal knowledge, IPR, and safety are offered as core and professional electives to students in their second, third, and final year of education. Every department organizes social development activities. Students frequently organize blood donation camps, health check-up camps, digital literacy camps, social and public health workshops, etc.

Content plagiarism checks and avoidance of similarity duplications are brought into force with special software tools to maintain ethical values in publishing results and textual reports. It is worth mentioning that students are very active in celebrating Environment Day, Earth Day, Water Day, etc., on yearly occasions in appropriate, meaningful manners.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

14

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

736

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

372

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf">http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>



### 1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="http://www.walchandsangli.ac.in/iqac/naac/1.4.2.pdf">http://www.walchandsangli.ac.in/iqac/naac/1.4.2.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

539

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

291

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institutional assessment is relative if the number of student batch sizes opting for a specific course is more than or equal to fifteen. It is quite possible to assess the learning levels of a student within a group with certain expectations than to assess as fail or pass criteria. The assessment is often subjective to

specific predefined criteria framed into the rubrics. The continuous assessment pattern of the Institute helps to identify advanced and slow learners in a particular batch of students or even across the batches.

As per the announcement by AICTE in 2018, WCE has initiated Minor Certification Program equivalent to twenty additional credits. mechanism exists for earning additional credits to advanced learners in Value Added Courses (VAC). A provision of an additional Honours Program is under the necessary approval process.

The Supporting learning material is made available to all students in the form of Virtual labs, MOOC, recorded lectures, NPTEL, Coursera, etc. Few attempts are made to provide an academic YouTube channel and Impartus facility. Platforms like Google Class, Moodle, Edpuzzle, etc., provide additional content to the students that they can refer to frequen.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/documents/Academics/2223/UG%20CS/Credit%20System%20of%20Minor%20certification%20in%20CSE%202019-2022.pdf">http://www.walchandsangli.ac.in/documents/Academics/2223/UG%20CS/Credit%20System%20of%20Minor%20certification%20in%20CSE%202019-2022.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
02/05/2022	2237	118

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Walchand College of Engineering has proved its significant initiative for instigating various learning methodologies since

its academic autonomy i.e., 2007-08. The experimental and experiential teaching-learning drives have developed a mature process to define student-centric methods for student participative leanings. The problem-solving methodologies involve open book and a wide range of solutions to attempt for every other option to arrive at optimal or near-optimal solutions.

The students are grouped into teams and are asked to visit the actual site or the location to understand the problem instead of having a theoretical interpretation. This blended learning has proved to gain necessary exposure to the project management and software engineering cycles. The institute has a total of fourteen student clubs having weekly event organizations for transferring knowledge and skills from senior students to junior students.

In curriculum design provision of tutorials, mini projects, capstone project help students to gain problem solving skills and participative learning through teamwork. Many courses facilitates site visits and outside world interactions to promote experiential learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://wcecesa.in/">https://wcecesa.in/</a>

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Around thirty-two classrooms, six seminar halls, two conference rooms, the auditorium 'Tilak Hall,' and a few laboratories are equipped with high-resolution LCD projectors. Additional ten classrooms are furnished with digital boards with necessary interfaces. Six classrooms are supported with the content recording facility 'Impartus' storage mechanism at CLOUD and college servers. A fully customized learning management scheme is being utilized through 'MOODLE.' Online library resources are available to every faculty and student for e-resources. Subscriptions to well-known national and international level learning platforms are made through Coursera, NPTEL, Virtual laboratories, etc. A special laboratory using Apple machines is devised to experience the latest technology. A licensed ZOOM and Microsoft Teams platform connecting to all probable stakeholders with a capacity of around four thousand users is made available. G-

suite with domain mail id i.e., username@walchandsangli.ac.in is brought into force for maintaining authorization in legitimate communication. The MAC-based learning platform is provided as an additional competence. A soundproof recording studio is developed for content creation and audiovideo recording with modern camera and editing tools.

The central exam section utilizes dedicated, customized software for exam preparation, record keeping, question paper designing, answer book scanning, and result processing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://a.impartus.com/login/#/">https://a.impartus.com/login/#/</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The institute has an academic culture to outline the semester activities in advance of the commencement of every semester in the form of an academic calendar. This academic calendar is the roadmap for all academic and allied activities and should get approved by the highest academic committee, Academic Council. All expected dates for these activities with minute instructions are supposed to get indicated in the academic calendar. A provision of student activities, cultural events, frequency of meeting schedules, question paper evaluation and assessment duration, result declaration, re-exam dates, and all other concerned activities of UG, PG and Ph.D. are to be announced in the academic

calendar. Apart from a minimum of fourteen weeks of actual teaching engagement, excluding around thirteen government holidays, one-week MSE and two weeks of ESE are engaged. The remaining four to five weeks are reserved for industry drives, summer, and winter internship activities, make-up classes for academically weak students, etc.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full-time teachers against sanctioned posts during the year

118

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

44

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1886

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

34

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

1

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The examination cell delivers continuous efforts to facilitate students and teachers, in examinations, by providing state-of-the-art facilities for contributing to the institute's vision. The onset of the pandemic posed several challenges for the smooth conduction of examinations due to different constraints like social distancing, the need to conduct online exams, in-time result processing, and result declaration, which led to the need to have an automated online system. A cost-effective and efficient

cloud and web-based system was procured and is also under customization. Initially, all examinations were conducted using objective question banks. Now the automated examination system supports 1. Online Paper Setting order generating system. 2. Supports online examination with both objective and descriptive type question banks 3. Online Submission of question banks via faculty portal. 4. Answer sheet scanning system for documentation and assessment. 5. On Screen Marking assessment system along with online two-way verification and reassessment systems. 6. Online Paper showing system.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

As per the instructions given by the AICTE, individual courses, and programs are to be assessed based on the action verbs to attain Outcome Based Education (OBE). The program educational objectives (PEO), program outcomes (PO), program specific outcomes (PSO), and course outcomes (CO) are defined as per OBE requirements.

All COs and their mapping with POs are identified in three levels. The content is available to every stakeholder over MOODLE and the college website. Hence, instead of listing all course CO in this description, it is recommended to observe the details at a common platform i.e., college website indicating departments and academic sections with thorough syllabi.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="http://www.walchandsangli.ac.in/academics223.asp">http://www.walchandsangli.ac.in/academics223.asp</a>



## 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The POs, PSOs, and COs are defined for each program and course under that program. Looking at the category of the course; if it is a hardcore or professional elective, or skillbased project course, the expectations for the outcome are mapped using graduate attributes. Once the examination assessment is over, individual students' marks for a particular question attempt with assigned CO to that question are tabulated. The valid attempts' percentage value is calculated. And a number of students exceeding the pre-defined expected threshold of the course and hence for cumulative courses i.e., program threshold, is calculated. Depending on the percentage calculation of this attainment to the threshold, a subjective evaluation is declared in linguistic parameters like 'excellent,' 'satisfactory,' or 'needs improvement.' Few attempts are made to calculate attainment further to the mapping level of CO to PO by assigning equivalent weights to the levels L1, L2, and L3. This attainment is declared as direct attainment.

Few mechanisms are implemented through questioning and feedback sessions for obtaining indirect attainment. The direct-to-indirect attainment ratio is maintained at 70:30 or 80:20. These calculations are maintained with course books and are reviewed with academic audits. Department advisory board (DAB) members generally regulate these activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 2.6.3 - Pass Percentage of students

### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

601

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="http://walchandsangli.ac.in/result1.asp">http://walchandsangli.ac.in/result1.asp</a>

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink**

[http://www.walchandsangli.ac.in/igac/naac/sss\\_2.7.1.pdf](http://www.walchandsangli.ac.in/igac/naac/sss_2.7.1.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

WCE Sangli is a recognized research center of Shivaji University. WCE Research center also admits QIP Ph. D. and AICTE-ADF students. The director of the Institute heads the research and development cell. The following are responsibilities i) It should plan and execute the research training activities. ii) Motivate all Faculties to pursue research in their respective areas of expertise iii) IPR and consultancy activities related to R&D iv) Disbursement of Institute Research Funds v) To monitor and enhance the quality of research programs, projects, and the research infrastructure within the Institute, including training research scholars. vi) Formulate incentive schemes for promoting research activities with teachers and students/scholars Each department has one industry-sponsored lab with state-of-the-art equipment for the research. Faculty and PG students are offered financial assistance for attending the National conferences to present their research papers. Financial aid to the faculty is provided to submit the paper and attend the conference aboard. Institute has well defined IPR policy to protect the Intellectual property rights of faculty and students. Institute has provided financial assistance to file patents. Financial assistance is provided to conduct National conferences, workshops, faculty, and students training programs.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="http://www.walchandsangli.ac.in/rnd/Research%20and%20Development%20policy%20of%20WCE%20sangli.pdf">http://www.walchandsangli.ac.in/rnd/Research%20and%20Development%20policy%20of%20WCE%20sangli.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

8.24

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

125.18

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

29

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

#### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institute has set up the IIE Cell during the academic year 2015-16 with the following objectives: 1. To create awareness among WCE students for innovation, incubation, and entrepreneurship. 2. To provide a platform for promoting ideas/projects to product development/commercialization. 3. To set up the pre-incubation space for startups. 4. To set up the idea lab and incubation center. 5. To assist the WCE students in getting funds / financial support under various schemes from venture capitalists, industries, and Govt. schemes. The cell has infrastructure scattered across various departments like Startup Enclave: physical cubical space for incubates - CSE Dept, learning factory - Mech Dept, Product Innovation Lab - Mech Dept. and research labs in each dept. The cell organizes various activities every year like a hackathon, ideation, seminars, guest lectures, and showcasing (exhibition) of projects/ideas/research of students/faculty members. In this context, the institute has signed MoU with various industries like Perfect Consultants, Kolhapur, Samruddhi TBI Foundation, and Sangli. The IIE cell has promoted various early-stage startups in the IT sector and 3D printer manufacturing initiatives. The cell promotes state and national-level competitions. The WCE students are consistent winners/participants in Smart India Hackathon, Seneca (Canada) -COEP Innovative Project Competition.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/naac/3.3/IIE%20Cell%20Committee-2023.pdf">http://www.walchandsangli.ac.in/igac/naac/3.3/IIE%20Cell%20Committee-2023.pdf</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

7

File Description	Documents
URL to the research page on HEI website	<a href="http://www.walchandsangli.ac.in/rnd/Institute%20details%20of%20Ph.%20D%20Completed%20in%20last%205%20years%20final.pdf">http://www.walchandsangli.ac.in/rnd/Institute%20details%20of%20Ph.%20D%20Completed%20in%20last%205%20years%20final.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

73

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

21

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

592

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>



### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

36

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

219.28

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

35.78992

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

WCE has 13 student clubs that conduct at least one social outreach activity annually. These include visiting unprivileged schools and training them in new technology trends, visiting orderly shelter homes (Wrudhashram) and spending time with them, celebrating birthdays & creating joyous moments in orphan/ differently abled (divyang) schools, etc. WCE Rotaract club organizes a blood camp every year in collaboration with 2/3 Sangli district blood banks, and around 160 plus packets bold is donated every year for humanity's cause. ACSES (Association of CSE Students) conducts a unique SITAC (Social IT Awareness Campaign) initiative led by Faculty advisor in nearby unprivileged schools and trains students and their teachers about IT technology and encourages them about engineering opportunities in the upcoming future. Another extension activity example from the department of Civil Engineering student's organization (CESA) is the testing of water quality and water treatment of Danoli village at Danoli from 22-Mar-2019 to 22-Mar-2019. Civil Engineering students accomplished the activity under guidance of CESA staff advisor. The institute sponsored part of this social initiative through TEQIP III funding. CESA staff advisor has also undertaken a TEQIP III-sponsored mentoring program to Guide Sangli- Miraj- Kupawad Municipal Corporation Civil Contractors.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

7

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

1

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

100

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

18

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

5

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college was established in 1947. Since then, the adequate availability of physical infrastructure has been duly identified, planned, and constructed accordingly. Each of the six departments is provided with built-up space as per the requirements of AICTE in the form of classrooms, laboratories, tutorial, and seminar rooms, staff rooms, and a departmental library. In addition to this, there are central facilities in the form of a library, computing facility, canteen, student recreational facilities, and auditorium. Allied areas in the form of hostels and mess cater to the need of students. The staff quarters provide residing facilities for teaching and non-teaching staff. The campus also offers appropriate parking facilities for two-wheeler and four-wheeler vehicles. Some of the common areas are equipped with vending machines for beverages in addition to two kiosks. The central facilities are common areas for all the institutional components. Every college department has a Seminar Hall of different capacities in addition to a common auditorium and open-

air theatre as a central facility. Any department may utilize these depending on availability and requirement for conducting guest lectures, workshops, training programs, and co-curricular and extra-curricular activities. Every department has its own office.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The WCE Gymkhana provides excellent infrastructure for indoor and outdoor sports and related extracurricular activities. Spacious playgrounds surrounded by scenic greenery, a jogging track, and well-equipped gymnasiums are the attractions of the College. The Gymkhana provides facilities for outdoor games like Cricket, Volleyball, Basketball, Football, Kabbadi, Kho-Kho, Lawn tennis, and Athletics (Running, Shot-put, Discus throw, Javelin throw, etc.) at the main ground. Facilities in indoor games like Badminton, Table-Tennis, Carom, and Chess are also made adequately available to the students. Besides indoor and outdoor games, WCE Gymkhana provides a separate facility of a well-equipped fitness center for boys, girls, and the college staff. Gymkhana provides a facility of 800-meter jogging track for students and college staff. Sports events are organized yearly with annual social gatherings at the college level. Nearly 2000 students participate in the selection process of various sports to select the best players to represent the College at the Inter-Collegiate, District, State, and National Level Tournaments. Participation in sports keeps the students physically fit and develops the sportsman spirit, crucial to living a happy life.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

38

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

293.3

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

All the active book collection is updated in the library software database, and the online public access catalog (OPAC) is available for students and faculty members. The issue and return of the book have been activated in the library software SLIM21: SLIM21 has fully featured ILMS software for Libraries of varying types and sizes, volunteers, and support companies worldwide. AGC library is fully automated using the SLIM21 software by using the following modules for regular activities. All reading material, including Books, Bound Volumes of Periodicals, Dissertations, and Non-Print Material such as C.D.s etc., are included in the library database. It provides Intranet based Online Public Access Catalogue campus-wide facility to all readers and allows open access to all members. Electromagnetic Security System for books. The library has got the Tattle Tape Security Strips System. Knimbus Standalone Remote Access: The U.G., P.G., Research Students and Faculties need this Knimbus Platform in the covid-19 (Corona Virus) situation and also post covid-19 situations, for their academics and research work. E-Books Springer-1890, GIST Book-435, Nlist

INFLIBNET-3135000 available in the library will be made available on this portal which can be accessed from anywhere anytime.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/SupportDepartments/Library.asp">http://www.walchandsangli.ac.in/SupportDepartments/Library.asp</a>

**4.2.2 - Institution has access to the following:** A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**26.88**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**540**



File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Institute has an IT policy for fair and transparent use of various IT resources owned or managed by WCE. Institute IT policy covers faculty, staff, students, alumni, guests, external individuals, departments, hostels, and administrative offices. Due to the policy initiative and setting up of high-end campus-wide network infrastructure, IT resource utilization in the campus has grown rapidly during the last decade. Institute provides a substantial annual budget for the upgradation of IT facilities. The recent upgradation in the IT infrastructure at the Institute are as follows: 1. Internet Bandwidth: The total bandwidth enabled in the Institute is now 1100 Mbps, which consists of RailTel-500mbps, Reliance Jio-500 Mbps, and NKN of 100 Mbps each. 2. Wi-Fi facility: Institute has deployed 169 Access Points with Wi-Fi 6 technology solution. 3. Firewall: Sophos XGS 4300. 4. CCTV Surveillance System: More than 180 CCTV cameras are available on the campus, connected with four 64-channel NVR at the new Data Center. 5. Institute has also recently developed a digital content creation studio with the latest technology multimedia device i.e., Apple Mac pc, sound mixer, and different types of video cameras. Recently the Institute has deployed the NMS and Asset management system for 5000 devices,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2236	1183

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**      **A. 50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

**4.3.4 - Institution has facilities for e-content development:**      **A. All four of the above**  
**Facilities available for e-content development**  
**Media Centre**  
**Audio-Visual Centre**  
**Lecture Capturing System (LCS)**  
**Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/naac/4.3.4/4.3.4.m4v">http://www.walchandsangli.ac.in/igac/naac/4.3.4/4.3.4.m4v</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)**

**347.23**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.4.2 - There are established systems and procedures for maintaining and utilizing physical,**

academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The college has Campus Coordination Committee comprising a Chairperson, Seven regular teaching staff as a member, and a Member Secretary. The external agency is appointed to deal with the housekeeping work on campus. The routine maintenance is looked after by this cell. Moreover, if any maintenancerelated issues arise, the department sends requests to Campus Coordination Committee (CCC). According to the nature of maintenance work, an in-house or external agency is appointed to work through the central store to execute the maintenance work. Construction and refurbishment of works at individual departments and central common facilities are planned and executed through the services of the building works department and designated officer for land records from the Civil Engineering department. For the major works, consultation from external professional agencies is taken for the design and supervision of civil works. The housekeeping work of central facilities like the administrative building, academic complex, sports centers, and library surrounding is maintained by CCC. Staff in different departments maintains their own computers through departmental assistance, whereas other computing facilities provided centrally at the department are maintained by WIC. Usually, equipment is maintained through AMC with the supplier.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1043

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

120

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

### 5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

593

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

### 5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of

A. All of the above

**statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

468

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

101

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

### 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

38

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 5.3 - Student Participation and Activities

### 5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

12

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Notion of WCE Student Council Student Council is a representative structure for students only, through which they can be part of the development of the institution, working in sync with college authorities, faculties and parents for the zenith of the institution, mainly the students. Role of the Student Council

- To inculcate technical and cultural interests among all the students with imbibing ethical behaviour
- To facilitate assistance-ship and advisory mechanism for the grooming of students
- To represent students with faculty and management in institutional strategic planning

Formation of Student Council Members of Council will be decided every year among the secretaries of WCE clubs. The WCE student Council is constituted by twelve members including general secretary. Among twelve, six posts (secretaries) are technical branch specific ie secretaries of Mechanical, Civil, Electrical,

Electronics, Computer and IT student clubs. The working duration of the student council is for one academic year. It will be renewed every year. General Secretary will lead the council. Every year the selection of general secretary is based on rotation among the technical club secretaries. Student council is governed by chairperson, ECAC (Extra Curricular Activity Committee). Student council will be instrumental in organizing Mega technical events

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

45

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Association of Past Students .[ Reg. No. MAH/5147/ SANGLI ] Association of Past Students of Walchand College of Engineering Sangli is a platform founded to promote the interests of Past Students, i.e., the entire fellow Walchandians. This is also to help further develop and strengthen the inherent ties of goodwill among them & to develop a sound communication channel for a noble cause. A united, strong bond of anyone with this platform should be helpful for everyone, including existing as well as future alumni members. The association enables the express integral identity of past students to motivate everyone to give the advantage of experience, knowledge, and skills to the rest of society. In the opinion of the senior members, this is strongly felt as the need of the time. The association came into existence after official registration with Charity Commissioner in

1995.[Reg. No. MAH/5147/ SANGLI ]. The donations to the association are exempted from Income Tax under Section 80G. At present the membership strength is about 1000 & with little more effort of all the members, it is anticipated that the potential growth within one year shall be 10 times its present figure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/alumni/alumni_landing.asp">http://www.walchandsangli.ac.in/alumni/alumni_landing.asp</a>

#### 5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

WCE Sangli is exercising governance through participative approaches. This is ensured through statutory bodies, i.e., the Administrative Council (AC), Academic Council, Board of Studies(BoS), Department Advisory Boards(DAB), Finance and Planning & other non-statutory bodies like College Development Committee (CDC), IQAC, Antiragging, Students Council, etc. These committees comprise vital stakeholders such as Government officials, educationalists, faculty, staff, industry, employer, alumni, parents, and students. Administrative Council (AC) is our apex body for designing strategies for growth, progress, and success . The AC actively participate in quarterly meetings (Scheduled well in advance - minimum of four meetings in a year) to ensure that the policy statements and action plans are aligned for attaining the strategic plans, Goals of the institute. All HoDs, sections in charge, deans, and coordinators have formulated action plans in consultation with faculty, staff, and students; to review the outcomes from implementing action plans through meetings with functional committees and make necessary changes in action plans if required. The AC regularly takes review of quality



policies and makes amendments to quality policies if needed. The Director ensures that all stakeholders are involved in different activities. . Through participative management, all stakeholders are involved in various decision-making bodies of the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/AboutUs/AdminCouncil.asp">http://www.walchandsangli.ac.in/AboutUs/AdminCouncil.asp</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Administrative Council (AC) being the apex body, the members are involved in strategic planning of WCE Sangli. Decisions taken in Administrative Council (AC) meeting, which is conducted once in three months span, are reflected in the minutes of meetings and action taken report. These decisions are percolated in the college management committee (CMC) chaired by Director . Deans, Registrar, Librarian, HODs, and Training Placement officer are members of this committee. It implements directions given by AC. Departmental meetings convey Deliberations in CMC to the department faculty and staff. In this way, the chain of command is maintained, and decentralization and participation are ensured Annual Reports of the Institute, AQAR, NIRF, AISHE, AC minutes, and Academic Council meetings are published on Institute's website. Appropriate information is communicated to employees and students through circulars, emails, notice boards, digital displays, website, etc. Recommendations given in Finance and Planning committee are presented in AC and CDC meetings, such as budget, employer issues, etc.

Financial power is delegated to Director, Registrar, Dean, and HODs. All HODs are members of the Academic Council in which major Academic decisions are taken. In order to establish departmental communication channels with functional heads department coordinators are identified.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf">http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

1. Strategic Plan Implementation of ICT in Examination Section The exam section has started working on software-based automation to capture the student life cycle, starting from admission and ending with a Provisional passing certificate. Out of various life cycle stages, we make a strategy according to current implementation needs. . 2. ERP system for WCE processes The institute recently floated a Request for Proposal for implementing a Cloud-based Enterprise Resource Planning (ERP) System as part of the strategic plan. The scope includes Services (Process Analysis, customization, and implementation) for cloud-based ERP Systems for institutional management, which provides for developed ERP application as a service, its training and implementation, and maintenance and support

3. Detailed Budget formulation process The institute has implemented a fairly detailed bottom-to-top budget system. Every last-tier member plans for an activity, works out its expenditure and puts it into a detailed excel sheet which generates a summative view for heads.

4. Walchand Informatics Center(WIC) WIC has been realized, wherein Data Center, Content creation Studio, Network Operation Center, and Executive training Hall are key facilities developed.

Following also forms the part of IDP implementations.

5. Academic reforms, 6. Platinum Jubilee events 7. Guidebooks 8. Reorganising physical infrastructure

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/iqac/WCE%20strategic%20plan..pdf">http://www.walchandsangli.ac.in/iqac/WCE%20strategic%20plan..pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

**Governance, Leadership and Management** The Chairman of the Administrative Council, Mr. Ajit Gulabchand, is an industrialist and has keen interest in raising the academic level of this institute to world class. All the members of AC and stake holders of the institute are continually striving hard to march on the path of meeting the Vision of the institute. The organization has good decentralization of authorities, and the overall improvements are closely monitored. The administrative, academic and financial policies are designed at the Administrative Council level, however inputs for the policy making are derived from various stake holders namely; internal faculty, staff, students, University, DTE, Alumni, academicians, Industries, Research Organizations etc. All the committees have been constituted as per the UGC guidelines.

Various positions, namely, Registrar, Dean (Academics), MSIQAC, Dean (R&D) ,TPO, Chairman (Students Council), Chairman (BWC), Chairman (Central Purchase Committee), Campus Coordination committee, Hostel wardens, Rector, Security In-charge, Canteen In-charge, TEQIP Coordinator, Heads of Departments etc. positions are available and working is very smooth. Establishment section of the institute is face of office administration section.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="http://www.walchandsangli.ac.in/AboutUs/OrganisationChart.asp">http://www.walchandsangli.ac.in/AboutUs/OrganisationChart.asp</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

**Career Development/Progression** - The college implemented and completed various TEQIP phases. In all these phases college has trained teaching and non-teaching staff in various areas as listed below. As per the institute development plan (IDP), skill enhancement for faculty and staff is also considered one of the important tasks. The following types of activities have been conducted

- Faculty training in core areas, soft skills, software
- Senior faculty training for "Change Management."
- Non-teaching training for technical skill development, Life skill developments .
- Interpersonal / team building/leadership programs .
- Paper presentation/conference participation for faculty.

There is also a provision to upgrade qualification viz Ph.D., post-

doctorate under various government schemes like QIP, NDF as per AICTE, DST and UGC, etc.

Existing welfare measures for teaching and non-teaching staff The college implements the provision of accidental group insurance of Ten Lakh to all stakeholders as per the government of Maharashtra resolution number 69 dated 11th August 2017. The college also implements similar insurance of Two Lakh (University Welfare Fund) as per the provision made by Shivaji University Kolhapur for all students, teaching, and non-teaching staff. The college also provides emergency help for the needy non-teaching staff member through a "Staff Welfare Fund (SWF)."

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

15

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

1

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

39

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

**Internal Audit** A firm of Chartered Accountant is appointed as internal Auditor. Quarterly audit is conducted by internal auditor. Quarterly Financial statements are prepared. Extent of checking is 100% **External Audit** A firm of Chartered Accountant is appointed as statutory Auditor. Audit is conducted at the end of the year Extent of checking - Sample checks Balance sheet is examined with books of accounts Audit objections are compiled as per periodicity of audits

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/iqac/naac/6.4.1-%20-%20internal%20and%20external%20audit%20report.pdf">http://www.walchandsangli.ac.in/iqac/naac/6.4.1-%20-%20internal%20and%20external%20audit%20report.pdf</a>

**6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

1

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

##### Strategies for mobilization of funds

- Student fees are collected at the time of admissions as per state government norms.
- Fees from concessional students are recovered from respective government departments, For this scholarship forms are timely taken and forwarded to respective agencies through online portal of government.
- Testing and consultancy activities are carried out by the department staff as per expertise.
- Research grant and project grants are obtained by faculty with submitting the proposals to different agencies and industry.
- Outside examinations and coursed are conducted in the College from which income is generate

##### Optimum utilization

- Yearly budget is prepared by the departments for their revenue and capital expenses which get reviewed and sanctioned from Finance committee / Administrative council.
- Quarterly review is taken to examine the utilization of budget.
- Funds are allocated according to need and priority to each department and college.

Institute finance committee is in place quarterly meetings are scheduled and discussions and approvals for

- Review of quarterly income expenditure,
- Budget and financial proposals regarding income expenses
- All statutory compliances
- Audit compliances
- Review of Fees/ Funds receivable

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

At WCE Sangli, importance is given to quality of education and to improve the performance of academic's faculty qualification improvement is essential and most important. Accordingly, WCE adopted the policy of deputation of faculty, for higher studies under QIP and other schemes. Every year 2-3 faculty members are deputed.

The present practice of quality assurance has contributed to the planning and execution of the policies uniformly throughout the college. All quality assurance strategies are applied uniformly throughout the college. Dean (Academic and Quality assurance) plans, and schedules both internal and external academic audits. It also keeps track of the accreditation status of various programmes and makes arrangements for an application to accreditation agencies. IQAC has external committee members as per the guidelines of NAAC. Each department have Department advisory board (DAB) is department Committee chaired by the Head of the Department and comprising external members (academician, industry expert, alumni), senior teachers in the department who are UG and PG Program coordinators, The DAB and IQAC shall have the following mandates: To ensure implementation of the resolutions and recommendations of the academic council, BoS, in the department, towards overall quality improvement in the 'curriculum review, analysis and design', and Content Delivery.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="http://walchandsangli.ac.in/rnd.asp">http://walchandsangli.ac.in/rnd.asp</a>



6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Efforts are taken by IQAC in coordination with all WCE officials towards improving the academic environment consisting teaching, and learning process, curriculum and evaluation methods and research, IPR as well as extra and co-curricular culture in the institute. The institution reviews its teaching-learning processes, structure, and methodologies of operations and learning outcomes at periodic intervals. The institution reviewed and found the different gaps in the Teaching learning process. The gaps were: Skill development courses such as communication skills, soft skills, and technical skills. Human values and professional ethics. Focused courses on Entrepreneurship. The above gaps are filled by introducing new subjects such as skill development courses for improving the communication skills, soft skills, employability training IQAC in coordination with depts. conducts an overall feedback, of course faculty related to teaching, learning as well as the overall behavior of the faculty in each semester. Faculty whose performance is not satisfactory are informed, counseled and such faculty gives action taken report for future improvement.

As per AICTE announcement in 2018, The Institute has implemented Minor certification programs wherein students can learn interdisciplinary and advanced courses. It is planned to offer an Honor Certification scheme

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/academics223.asp">http://www.walchandsangli.ac.in/academics223.asp</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="http://www.walchandsangli.ac.in/igac/AnnualReports.asp">http://www.walchandsangli.ac.in/igac/AnnualReports.asp</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. If gender equity is exactly achieved, this will contribute to the future of girls and boys more than approaches men-centered, and girls will benefit from public and domestic life as much as boys. WCE Shows gender sensitivity through various initiatives and actions for creating a safe, Secure and healthy atmosphere on campus. Sensitization of the students is done through special lectures and functions. Internal Complaints Committee is active in the college. It organizes various events on awareness issues. College has appointed counselors to guide the students and attend to the issues of the students. They motivate them regularly and guide them to lead a good life.

The Institute keeps visitors as well as students IN/OUT register to record the details of any person entering the college premises/hostel Female Warden Staff in Hostel: Girls' hostels have female wardens. Street Lights for the Female Hostel: Pole mounted Web Camera for on-road monitoring. Power backup during electricity failure. Ladies security Guard during Examination for maintaining the comfort zone of girls. Ladies squad during Examination

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)**

**Solid waste management :** WCE has a massive amount of waste collection daily. Waste from various sections is collected and filled in a human-operated car. On the WCE campus, the method used to dispose of degradable waste is dumping in composting pits.

**Liquid waste management :**WCE owns two wastewater treatment systems inside its campus. There are two Constructed Wetlands present for the treatment of generated wastewater.

**Biomedical waste management :**The college does not produce any biomedical waste.

**E-waste Management:**The generation of e-waste is apparent in every educational institute, mainly at the campus level, where there are several pieces of equipment and instruments used for administrative and scientific execution.

**Waste recycling system :**Paper waste is regularly sold to an outside agency for recycling. The answer sheets are shredded and sold to the licensed purchaser. Moreover, the non-working equipment, which is declared "Obsolete," are sold through auction to a licensed vendor on a periodical basis.

**Hazardous chemicals and radioactive waste management:**College does not produce much hazardous waste or radioactive waste.

**Water harvesting :**Rooftop rainwater harvesting is carried out at the Main Administrative building, civil ,mechanical , electronics , and IT department.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.4 - Water conservation facilities available in the Institution:** Rain water harvesting  
Bore well /Open well recharge Construction of tanks and bunds Waste water recycling  
Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

**7.1.6 - Quality audits on environment and energy undertaken by the institution**

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

**A. Any 4 or all of the above**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

We regularly monitor and keep a track of students. Students enrolled at WCE Sangli are coming from a large variety and diversity of backgrounds. Students from gulf countries, NRI and J&K, Northeastern states, and belonging to minorities of the country are admitted based on merit as per State approved quota of seats. The institute is committed to provide an inclusive environment where student, faculty and staff can work together for their development, learning and upward mobility.

Different festivals & days like are celebrated. During cultural events / competition organised by Art circle at WCE Sangli, traditional dress competition as well as regional / state culture is always presented.

During annual social gathering, a traditional day and competition is organized to represent our Indian culture, which helps students to admire different cultures of our nation. It assists to develop the tolerance and harmony towards regional, communal socioeconomic and other diversities. An official committee was established in WCE Sangli which comprised of members appointed on the basis of Vishakha guidelines. This committee has been officially appointed and conducts periodic meetings to review cases.

Gender Equality action plan was prepared according to the TEQIP - III guidelines.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Walchand Engineering College Sangli has been doing the sacred work of technical education since last 75 years. The college prides itself on strengthening the foundation of technical education to develop its students as good citizens of the country. Students and staff should know their duties, rights, values and responsibilities. It is necessary for everyone to know about the Indian Constitution, which contains the duties, rights and values of the citizens, that's why the college decided to include the subject of the Indian Constitution in the curriculum. Currently this subject "Constitution of India" is in both the semesters of Final Year B. Tech of all branches.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

**B. Any 3 of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Shivswarajya Day:** Shivswarajya Day was celebrated on 06th June 2021. This day is the coronation day of the great king Ch. Shivaji Maharaj and is celebrated as his inspiration. Marathi Rajbhasha Gaurav Din: is celebrated on 27th February every year. T Ganesh Festival: Every year students of WCE organize Ganesh Festival and celebrate the same with unity. Dandiya Festival (Navratra): Every year Art Circle organizes Dandiya Night Event for all the students of WCE. All students participate and enjoy dancing and playing Dandiya with discipline. Thai Thai Vithai : Ashadhi Ekadashi is a big festival celebrated with great devotion in Maharashtra. In our college, the students of Art Circle also celebrated this festival with different activities. Art Circle club organised online competition of different art forms for providing platform to all the artist's.

Diwali festival: Fort making, Rangoli and photography competitions were organised. Deepotsav: Art circle organized "Deepotsav" in the premises of Sarasvati idol of Walchand College of Engineering Sangli. Birth anniversary programs of state and national great personalities: The college celebrates the birth anniversary of all great men-women's and sends its report to the government from time to time. Below are some photographs of the Jayanti event.



File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice 1

- **Title of the Practice:** Training programs to enhance students' skill sets for better employability, research, and leadership.
- **The Practice:** At the beginning of the first Semester, the Institution delivers well-structured skill training programs for students of all branches of B Tech, M Tech, and Ph.D. students, allowing them to learn more effectively. As a professional institute, we have to use applicable scientific knowledge for engineering practices. Applied sciences is a bridge that connects pure science with engineering practices. It aims to provide a strong foundation for engineering students. The Department of Humanities and Sciences is one of the integral parts of the institute. The department offers multi-disciplinary courses in Chemistry, Physics, Professional Communication, Environmental Science, the Constitution of India, course, etc. English language and communication skill course is part of the curriculum in 1st and 2nd Semester,

### Best Practice 2 Title: Research Symposium on Computing

**The Practice:** At Walchand College of Engineering (WCE) Sangli, Computer Science and Engineering (CSE) Department is active in promoting research in advances in CSE/ IT under Association for Computing Machinery (ACM) India. This has resulted in instituting the WCE-ACM Student chapter.

File Description	Documents
Best practices in the Institutional website	<a href="http://www.walchandsangli.ac.in/igac/best-practies%20walchand.pdf">http://www.walchandsangli.ac.in/igac/best-practies%20walchand.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Started with an undergraduate program in Civil Engineering in 1947, various other Undergraduate Engineering Programs are added in the year 1955, 1986 & 2001. Renowned FacultyMembers with a Focus on imparting theoretical as well as practical knowledge to students and adhering to strict norms of Academic discipline ensured necessary academic rigor which is necessary for maintenance of higher educational standards.

To support the regular academic activities, the institution has a rich legacy of Students Clubs since long and their various co-curricular and extra-curricular activities have been extremely helpful in overall development of Students. Even one of reputed international organization, Rotary Club has made an exception and established a separate Rotract Club exclusively for WCE Students way back in February 1975

The data shows that we are amongst top placement institutes in the state with almost all interested students getting placed. Also most of these students get internship offers in the final semester itself. Also many of our students who participate in various events like BAJA, Hackathons etc. . At the same time many students pursue their post-graduation in reputed institutes like IITs here or abroad. Our students also find their place in the competitive examinations conducted by UPSC, MPSC.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The recommendations are discussed with multiple industry-academia interaction bodies. These bodies are grouped into various committees like the Department Committee, Board of Studies (BoS), Department Advisory Board (DAB), and Industry Consultation Committee (ICC). The department committee analyses the formal and informal feedback from alumni, employers, and local society. The curriculum is correspondingly framed to address the needs of local and global communities to meet the requirement of critical thinking, scholarship of knowledge, industrial application, etc. The course syllabi and course outcomes (CO) are decided in Department Committee and are sent to BoS for further suggestions and hence the decisions. The curriculum approved in BoS is forwarded to the Academic Council for endorsement and approval. The curriculum of each program department takes into account the local, regional, national, and global developmental needs. The topics related to Civil Engineering are typically related to the environment, water quality, air quality, pollution, green ambiance, and designing cost-effective and robust civil structures. The curriculum also has courses such as foreign language, human relations at work, techno-socio activity, etc., relevant to international, national, and local developmental needs. DAB mainly focuses on academic quality monitoring, curriculum assessment mechanisms, and attainment calculations; thus, it actively decides policy matters.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="http://www.walchandsangli.ac.in/AllDept.asp">http://www.walchandsangli.ac.in/AllDept.asp</a>

#### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

<b>16</b>	
File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year</b>	
<b>49</b>	
File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.2 - Academic Flexibility</b>	
<b>1.2.1 - Number of new courses introduced across all programmes offered during the year</b>	
<b>49</b>	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>
<b>1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System</b>	
<b>16</b>	

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Higher education always has ancestries incorporating human values and ethics in the curricula. It is witnessed at the first entry level of the student at FY UG, where an induction program is provided. Thus the entry-level students undergo various activities related to human values, ethics, and gender-related issues for around two to three weeks. The highest authority of the college addresses the gathering of the fresher aspirants and their parents by welcoming and briefing them about the institute's vision, mission, objectives, philosophy, and culture.

A step further, a few credit courses on human values, legal knowledge, IPR, and safety are offered as core and professional electives to students in their second, third, and final year of education. Every department organizes social development activities. Students frequently organize blood donation camps, health check-up camps, digital literacy camps, social and public health workshops, etc.

Content plagiarism checks and avoidance of similarity duplications are brought into force with special software tools to maintain ethical values in publishing results and textual reports. It is worth mentioning that students are very active in celebrating Environment Day, Earth Day, Water Day, etc., on yearly occasions in appropriate, meaningful manners.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

14

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

736

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

372

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.4 - Feedback System

<b>1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni</b>	<b>A. All 4 of the above</b>
---	------------------------------

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf">http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf">http://www.walchandsangli.ac.in/igac/naac/1.4.2.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

539

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

291	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>
<b>2.2 - Catering to Student Diversity</b>	
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.	
<p>The institutional assessment is relative if the number of student batch sizes opting for a specific course is more than or equal to fifteen. It is quite possible to assess the learning levels of a student within a group with certain expectations than to assess as fail or pass criteria. The assessment is often subjective to specific predefined criteria framed into the rubrics. The continuous assessment pattern of the Institute helps to identify advanced and slow learners in a particular batch of students or even across the batches.</p> <p>As per the announcement by AICTE in 2018, WCE has initiated Minor Certification Program equivalent to twenty additional credits.mechanism exists for earning additional credits to advanced learners in Value Added Courses (VAC).A provision of an additional Honours Program is under the necessary approval process.</p> <p>The Supporting learning material is made available to all students in the form of Virtual labs, MOOC, recorded lectures, NPTEL, Coursera, etc. Few attempts are made to provide an academic YouTube channel and Impartus facility. Platforms like Google Class, Moodle, Edpuzzle, etc., provide additional content to the students that they can refer to frequen.</p>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsanqli.ac.in/documents/Academics/2223/UG%20CS/Credit%20System%20of%20Minor%20certification%20in%20CSE%202019-2022.pdf">http://www.walchandsanqli.ac.in/documents/Academics/2223/UG%20CS/Credit%20System%20of%20Minor%20certification%20in%20CSE%202019-2022.pdf</a>



**2.2.2 - Student – Teacher (full-time) ratio**

Year	Number of Students	Number of Teachers
02/05/2022	2237	118

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**2.3 - Teaching- Learning Process**

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Walchand College of Engineering has proved its significant initiative for instigating various learning methodologies since its academic autonomy i.e., 2007-08. The experimental and experiential teachinglearning drives have developed a mature process to define student-centric methods for student participative leanings. The problem-solving methodologies involve open book and a wide range of solutions to attempt for every other option to arrive at optimal or near-optimal solutions.

The students are grouped into teams and are asked to visit the actual site or the location to understand the problem instead of having a theoretical interpretation. This blended learning has proved to gain necessary exposure to the project management and software engineering cycles. The institute has a total of fourteen student clubs having weekly event organizations for transferring knowledge and skills from senior students to junior students.

In curriculum design provision of tutorials, mini projects, capstone project help students to gain problem solving skills and participative larning through teamwork. Many courses facilitates site visits and outside world interactions to promote experentail learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://wcecesa.in/">https://wcecesa.in/</a>

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Around thirty-two classrooms, six seminar halls, two conference rooms, the auditorium 'Tilak Hall,' and a few laboratories are equipped with high-resolution LCD projectors. Additional ten classrooms are furnished with digital boards with necessary interfaces. Six classrooms are supported with the content recording facility 'Impartus' storage mechanism at CLOUD and college servers. A fully customized learning management scheme is being utilized through 'MOODLE.' Online library resources are available to every faculty and student for e-resources. Subscriptions to well-known national and international level learning platforms are made through Coursera, NPTEL, Virtual laboratories, etc. A special laboratory using Apple machines is devised to experience the latest technology. A licensed ZOOM and Microsoft Teams platform connecting to all probable stakeholders with a capacity of around four thousand users is made available. G-suite with domain mail id i.e., username@walchandsangli.ac.in is brought into force for maintaining authorization in legitimate communication. The MAC-based learning platform is provided as an additional competence. A soundproof recording studio is developed for content creation and audiovideo recording with modern camera and editing tools.

The central exam section utilizes dedicated, customized software for exam preparation, record keeping, question paper designing, answer book scanning, and result processing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://a.impartus.com/login/#/">https://a.impartus.com/login/#/</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The institute has an academic culture to outline the semester activities in advance of the commencement of every semester in the form of an academic calendar. This academic calendar is the roadmap for all academic and allied activities and should get approved by the highest academic committee, Academic Council. All expected dates for these activities with minute instructions are supposed to get indicated in the academic calendar. A provision of student activities, cultural events, frequency of meeting schedules, question paper evaluation and assessment duration, result declaration, re-exam dates, and all other concerned activities of UG, PG and Ph.D. are to be announced in the academic calendar. Apart from a minimum of fourteen weeks of actual teaching engagement, excluding around thirteen government holidays, one-week MSE and two weeks of ESE are engaged. The remaining four to five weeks are reserved for industry drives, summer, and winter internship activities, make-up classes for academically weak students, etc.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

#### 2.4 - Teacher Profile and Quality

##### 2.4.1 - Number of full-time teachers against sanctioned posts during the year

118

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

44

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1886

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5 - Evaluation Process and Reforms

#### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

34

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

1

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The examination cell delivers continuous efforts to facilitate students and teachers, in examinations, by providing state-of-the-art facilities for contributing to the institute's vision. The onset of the pandemic posed several challenges for the smooth conduction of examinations due to different constraints like social distancing, the need to conduct online exams, in-time result processing, and result declaration, which led to the need to have an automated online system. A cost-effective and efficient cloud and web-based system was procured and is also under customization. Initially, all examinations were conducted using objective question banks. Now the automated examination system supports 1. Online Paper Setting order generating system. 2. Supports online examination with both objective and descriptive type question banks 3. Online Submission of question banks via faculty portal. 4. Answer sheet scanning system for documentation and assessment. 5. On Screen Marking assessment system along with online two-way verification and reassessment systems. 6. Online Paper showing system.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

As per the instructions given by the AICTE, individual courses, and programs are to be assessed based on the action verbs to attain Outcome Based Education (OBE). The program educational objectives (PEO), program outcomes (PO), program specific outcomes (PSO), and course outcomes (CO) are defined as per OBE requirements.

All COs and their mapping with POs are identified in three levels. The content is available to every stakeholder over MOODLE and the college website. Hence, instead of listing all course CO in this description, it is recommended to observe the details at a common platform i.e., college website indicating departments and academic sections with thorough syllabi.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="http://www.walchandsangli.ac.in/academics_2223.asp">http://www.walchandsangli.ac.in/academics_2223.asp</a>

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The POs, PSOs, and COs are defined for each program and course under that program. Looking at the category of the course; if it is a hardcore or professional elective, or skillbased project course, the expectations for the outcome are mapped using graduate attributes. Once the examination assessment is over, individual students' marks for a particular question attempt with assigned CO to that question are tabulated. The

valid attempts' percentage value is calculated. And a number of students exceeding the pre-defined expected threshold of the course and hence for cumulative courses i.e., program threshold, is calculated. Depending on the percentage calculation of this attainment to the threshold, a subjective evaluation is declared in linguistic parameters like 'excellent,' 'satisfactory,' or 'needs improvement.' Few attempts are made to calculate attainment further to the mapping level of CO to PO by assigning equivalent weights to the levels L1, L2, and L3. This attainment is declared as direct attainment.

Few mechanisms are implemented through questioning and feedback sessions for obtaining indirect attainment. The direct-to-indirect attainment ratio is maintained at 70:30 or 80:20. These calculations are maintained with course books and are reviewed with academic audits. Department advisory board (DAB) members generally regulate these activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

601

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="http://walchandsangli.ac.in/result1.asp">http://walchandsangli.ac.in/result1.asp</a>

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution

may design its own questionnaire). Results and details need to be provided as a weblink

[http://www.walchandsangli.ac.in/igac/naac/sss\\_2.7.1.pdf](http://www.walchandsangli.ac.in/igac/naac/sss_2.7.1.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

WCE Sangli is a recognized research center of Shivaji University. WCE Research center also admits QIP Ph. D. and AICTE-ADF students. The director of the Institute heads the research and development cell. The following are responsibilities

- i) It should plan and execute the research training activities.
- ii) Motivate all Faculties to pursue research in their respective areas of expertise
- iii) IPR and consultancy activities related to R&D
- iv) Disbursement of Institute Research Funds
- v) To monitor and enhance the quality of research programs, projects, and the research infrastructure within the Institute, including training research scholars.
- vi) Formulate incentive schemes for promoting research activities with teachers and students/scholars

Each department has one industry-sponsored lab with state-of-the-art equipment for the research. Faculty and PG students are offered financial assistance for attending the National conferences to present their research papers. Financial aid to the faculty is provided to submit the paper and attend the conference abroad. Institute has well defined IPR policy to protect the Intellectual property rights of faculty and students. Institute has provided financial assistance to file patents. Financial assistance is provided to conduct National conferences, workshops, faculty, and students training programs.



File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="http://www.walchandsangli.ac.in/rnd/Research%20and%20Development%20policy%20of%20WCE%20sangli.pdf">http://www.walchandsangli.ac.in/rnd/Research%20and%20Development%20policy%20of%20WCE%20sangli.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

8.24

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

125.18

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

29

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institute has set up the IIE Cell during the academic year 2015-16 with the following objectives: 1. To create awareness among WCE students for innovation, incubation, and entrepreneurship. 2. To provide a platform for promoting ideas/projects to product development/commercialization. 3. To set up the pre-incubation space for startups. 4. To set up the idea lab and incubation center. 5. To assist the WCE students in getting funds / financial support under various schemes from venture capitalists, industries, and Govt. schemes. The cell has infrastructure scattered across various departments like Startup Enclave: physical cubical space for incubates - CSE Dept, learning factory - Mech Dept, Product Innovation Lab - Mech Dept. and research labs in each dept. The cell organizes various activities every year like a hackathon, ideation, seminars, guest lectures, and showcasing (exhibition) of projects/ideas/research of students/faculty members. In this context, the institute has signed MoU with various industries like Perfect Consultants, Kolhapur, Samruddhi TBI Foundation, and Sangli. The IIE cell has promoted various early-stage

startups in the IT sector and 3D printer manufacturing initiatives. The cell promotes state and national-level competitions. The WCE students are consistent winners/participants in Smart India Hackathon, Seneca (Canada) -COEP Innovative Project Competition.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/naac/3.3/IIE%20Cell%20Committee-2023.pdf">http://www.walchandsangli.ac.in/igac/naac/3.3/IIE%20Cell%20Committee-2023.pdf</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	<a href="http://www.walchandsanqli.ac.in/rnd/Institute%20details%20of%20Ph.%20D%20Completed%20in%20last%205%20years%20final.pdf">http://www.walchandsanqli.ac.in/rnd/Institute%20details%20of%20Ph.%20D%20Completed%20in%20last%205%20years%20final.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

73

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

21

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

**3.4.5.1 - Total number of Citations in Scopus during the year****592**

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

**3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University****3.4.6.1 - h-index of Scopus during the year****36**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.5 - Consultancy****3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****219.28**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year****35.78992**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

WCE has 13 student clubs that conduct at least one social outreach activity annually. These include visiting unprivileged schools and training them in new technology trends, visiting orderly shelter homes (Wrudhashram) and spending time with them, celebrating birthdays & creating joyous moments in orphan/ differently abled (divyang) schools, etc. WCE Rotaract club organizes a blood camp every year in collaboration with 2/3 Sangli district blood banks, and around 160 plus packets bold is donated every year for humanity's cause. ACSES (Association of CSE Students) conducts a unique SITAC (Social IT Awareness Campaign) initiative led by Faculty advisor in nearby unprivileged schools and trains students and their teachers about IT technology and encourages them about engineering opportunities in the upcoming future. Another extension activity example from the department of Civil Engineering student's organization (CESA) is the testing of water quality and water treatment of Danoli village at Danoli from 22-Mar-2019 to 22-Mar-2019. Civil Engineering students accomplished the activity under guidance of CESA staff advisor. The institute sponsored part of this social initiative through TEQIP I11 funding. CESA staff advisor has also undertaken a TEQIP III-sponsored mentoring program to Guide Sangli- Miraj- Kupawad Municipal Corporation Civil Contractors.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

7

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

1

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

100

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/



**student exchange/ internship/ on-the-job training/ project work**

18

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**

5

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college was established in 1947. Since then, the adequate availability of physical infrastructure has been duly identified, planned, and constructed accordingly. Each of the six departments is provided with built-up space as per the requirements of AICTE in the form of classrooms, laboratories, tutorial, and seminar rooms, staff rooms, and a departmental library. In addition to this, there are central facilities in the form of a library, computing facility, canteen, student recreational facilities, and auditorium. Allied areas in the form of hostels and mess cater to the need of students. The staff quarters provide residing facilities for teaching and non-teaching staff. The campus also offers appropriate parking facilities for two-wheeler and four-wheeler vehicles. Some of the common areas are equipped with vending machines for

beverages in addition to two kiosks. The central facilities are common areas for all the institutional components. Every college department has a Seminar Hall of different capacities in addition to a common auditorium and open-air theatre as a central facility. Any department may utilize these depending on availability and requirement for conducting guest lectures, workshops, training programs, and co-curricular and extra-curricular activities. Every department has its own office.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The WCE Gymkhana provides excellent infrastructure for indoor and outdoor sports and related extracurricular activities. Spacious playgrounds surrounded by scenic greenery, a jogging track, and well-equipped gymnasiums are the attractions of the College. The Gymkhana provides facilities for outdoor games like Cricket, Volleyball, Basketball, Football, Kabbadi, Kho-Kho, Lawn tennis, and Athletics (Running, Shot-put, Discus throw, Javelin throw, etc.) at the main ground. Facilities in indoor games like Badminton, Table-Tennis, Carom, and Chess are also made adequately available to the students. Besides indoor and outdoor games, WCE Gymkhana provides a separate facility of a well-equipped fitness center for boys, girls, and the college staff. Gymkhana provides a facility of 800-meter jogging track for students and college staff. Sports events are organized yearly with annual social gatherings at the college level. Nearly 2000 students participate in the selection process of various sports to select the best players to represent the College at the Inter-Collegiate, District, State, and National Level Tournaments. Participation in sports keeps the students physically fit and develops the sportsman spirit, crucial to living a happy life.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

38

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

293.3

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

##### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

All the active book collection is updated in the library software database, and the online public access catalog (OPAC) is available for students and faculty members. The issue and return of the book have been activated in the library software SLIM21: SLIM21 has fully featured ILMS software for Libraries of varying types and sizes, volunteers, and support companies worldwide. AGC library is fully automated using the SLIM21 software by using the following modules for regular activities.

All reading material, including Books, Bound Volumes of Periodicals, Dissertations, and Non-Print Material such as C.D.s etc., are included in the library database. It provides Intranet based Online Public Access Catalogue campus-wide facility to all readers and allows open access to all members. Electromagnetic Security System for books. The library has got the Tattle Tape Security Strips System. Knimbus Standalone Remote Access: The U.G., P.G., Research Students and Faculties need this Knimbus Platform in the covid-19 (Corona Virus) situation and also post covid-19 situations, for their academics and research work. E-Books Springer-1890, GIST Book-435, Nlist INFLIBNET-3135000 available in the library will be made available on this portal which can be accessed from anywhere anytime.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/SupportDepartments/Library.asp">http://www.walchandsangli.ac.in/SupportDepartments/Library.asp</a>

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

26.88

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

##### 4.2.4.1 - Number of teachers and students using the library per day during the year

540

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Institute has an IT policy for fair and transparent use of various IT resources owned or managed by WCE. Institute IT policy covers faculty, staff, students, alumni, guests, external individuals, departments, hostels, and administrative offices. Due to the policy initiative and setting up of high-end campus-wide network infrastructure, IT resource utilization in the campus has grown rapidly during the last decade. Institute provides a substantial annual budget for the upgradation of IT facilities. The recent upgradation in the IT infrastructure at the Institute are as follows: 1. Internet Bandwidth: The total bandwidth enabled in the Institute is now 1100 Mbps, which consists of RailTel-500mbps, Reliance Jio-500 Mbps, and NKN of 100 Mbps each. 2. Wi-Fi facility: Institute has deployed 169 Access Points with Wi-Fi 6 technology solution. 3. Firewall: Sophos XGS 4300. 4. CCTV Surveillance System: More than 180 CCTV cameras are available on the campus, connected with four 64-channel NVR at the new Data Center. 5. Institute has also recently developed a digital content creation studio with the latest technology multimedia device i.e., Apple Mac pc, sound mixer, and different types of video

cameras. Recently the Institute has deployed the NMS and Asset management system for 5000 devices,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2236	1183

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**      A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.3.4 - Institution has facilities for e-content development:**      A. All four of the above  
**Facilities available for e-content development**  
**Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/naac/4.3.4/4.3.4.m4v">http://www.walchandsangli.ac.in/igac/naac/4.3.4/4.3.4.m4v</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

347.23

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The college has Campus Coordination Committee comprising a Chairperson, Seven regular teaching staff as a member, and a Member Secretary. The external agency is appointed to deal with the housekeeping work on campus. The routine maintenance is looked after by this cell. Moreover, if any maintenancerelated issues arise, the department sends requests to Campus Coordination Committee (CCC). According to the nature of maintenance work, an in-house or external agency is appointed to work through the central store to execute the maintenance work. Construction and refurbishment of works at individual departments and central common facilities are planned and executed through the services of the building works department and designated officer for land records from the Civil Engineering department. For the major works, consultation from external professional agencies is taken for the design and supervision of civil works. The housekeeping work of central facilities like the administrative building, academic complex, sports centers, and library surrounding is maintained by CCC. Staff in different departments maintains their own computers

through departmental assistance, whereas other computing facilities provided centrally at the department are maintained by WIC. Usually, equipment is maintained through AMC with the supplier.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1043

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

120

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

**A. All of the above**



File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

593

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
468	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
101	
File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year</b>	
38	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.3 - Student Participation and Activities</b>	
<b>5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year</b>	
12	

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Notion of WCE Student Council Student Council is a representative structure for students only, through which they can be part of the development of the institution, working in sync with college authorities, faculties and parents for the zenith of the institution, mainly the students. Role of the Student Council

- To inculcate technical and cultural interests among all the students with imbibing ethical behaviour
- To facilitate assistance-ship and advisory mechanism for the grooming of students
- To represent students with faculty and management in institutional strategic planning

Formation of Student Council Members of Council will be decided every year among the secretaries of WCE clubs. The WCE student Council is constituted by twelve members including general secretary. Among twelve, six posts (secretaries) are technical branch specific ie secretaries of Mechanical, Civil, Electrical, Electronics, Computer and IT student clubs. The working duration of the student council is for one academic year. It will be renewed every year. General Secretary will lead the council. Every year the selection of general secretary is based on rotation among the technical club secretaries. Student council is governed by chairperson, ECAC (Extra Curricular Activity Committee). Student council will be instrumental in organizing Mega technical events

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

45

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Association of Past Students .[ Reg. No. MAH/5147/ SANGLI ] Association of Past Students of Walchand College of Engineering Sangli is a platform founded to promote the interests of Past Students, i.e., the entire fellow Walchandians. This is also to help further develop and strengthen the inherent ties of goodwill among them & to develop a sound communication channel for a noble cause. A united, strong bond of anyone with this platform should be helpful for everyone, including existing as well as future alumni members. The association enables the express integral identity of past students to motivate everyone to give the advantage of experience, knowledge, and skills to the rest of society. In the opinion of the senior members, this is strongly felt as the need of the time. The association came into existence after official registration with Charity Commissioner in 1995.[Reg. No. MAH/5147/ SANGLI ]. The donations to the association are exempted from Income Tax under Section 80G. At present the membership strength is about 1000 & with little more effort of all the members, it is anticipated that the potential growth within one year shall be 10 times its present figure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/alumni/alumni_landing.asp">http://www.walchandsangli.ac.in/alumni/alumni_landing.asp</a>

5.4.2 - Alumni's financial contribution

A. ? 15 Lakhs

<b>during the year</b>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	
<p>WCE Sangli is exercising governance through participative approaches. This is ensured through statutory bodies, i.e., the Administrative Council (AC), Academic Council, Board of Studies(BoS), Department Advisory Boards(DAB), Finance and Planning &amp; other non-statutory bodies like College Development Committee (CDC), IQAC, Antiragging, Students Council, etc. These committees comprise vital stakeholders such as Government officials, educationalists, faculty, staff, industry, employer, alumni, parents, and students. Administrative Council (AC) is our apex body for designing strategies for growth, progress, and success . The AC actively participate in quarterly meetings (Scheduled well in advance - minimum of four meetings in a year) to ensure that the policy statements and action plans are aligned for attaining the strategic plans, Goals of the institute. All HoDs, sections in charge, deans, and coordinators have formulated action plans in consultation with faculty, staff, and students; to review the outcomes from implementing action plans through meetings with functional committees and make necessary changes in action plans if required. The AC regularly takes review of quality policies and makes amendments to quality policies if needed. The Director ensures that all stakeholders are involved in different activities. . Through participative management, all stakeholders are involved in various decision-making bodies of the institute.</p>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/AboutUs/AdminCouncil.asp">http://www.walchandsangli.ac.in/AboutUs/AdminCouncil.asp</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Administrative Council (AC) being the apex body, the members are involved in strategic planning of WCE Sangli. Decisions taken in Administrative Council (AC) meeting, which is conducted once in three months span, are reflected in the minutes of meetings and action taken report. These decisions are percolated in the college management committee (CMC) chaired by Director. Deans, Registrar, Librarian, HODs, and Training Placement officer are members of this committee. It implements directions given by AC. Departmental meetings convey Deliberations in CMC to the department faculty and staff. In this way, the chain of command is maintained, and decentralization and participation are ensured Annual Reports of the Institute, AQAR, NIRF, AISHE, AC minutes, and Academic Council meetings are published on Institute's website. Appropriate information is communicated to employees and students through circulars, emails, notice boards, digital displays, website, etc. Recommendations given in Finance and Planning committee are presented in AC and CDC meetings, such as budget, employer issues, etc.

Financial power is delegated to Director, Registrar, Dean, and HODs. All HODs are members of the Academic Council in which major Academic decisions are taken. In order to establish departmental communication channels with functional heads department coordinators are identified.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf">http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

### 1. Strategic Plan Implementation of ICT in Examination Section

The exam section has started working on software-based automation to capture the student life cycle, starting from admission and ending with a Provisional passing certificate. Out of various life cycle stages, we make a strategy according to current implementation needs. . 2. ERP system for WCE processes The institute recently floated a Request for Proposal for implementing a Cloud-based Enterprise Resource Planning (ERP) System as part of the strategic plan. The scope includes Services (Process Analysis, customization, and implementation) for cloud-based ERP Systems for institutional management, which provides for developed ERP application as a service, its training and implementation, and maintenance and support

3. Detailed Budget formulation process The institute has implemented a fairly detailed bottom-to-top budget system. Every last-tier member plans for an activity, works out its expenditure and puts it into a detailed excel sheet which generates a summative view for heads.

4. Walchand Informatics Center(WIC) WIC has been realized, wherein Data Center, Content creation Studio, Network Operation Center, and Executive training Hall are key facilities developed.

Following also forms the part of IDP implementations.

5. Academic reforms, 6. Platinum Jubilee events 7. Guidebooks 8. Reorganising physical infrastructure

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf">http://www.walchandsangli.ac.in/igac/WCE%20strategic%20plan..pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

**Governance, Leadership and Management** The Chairman of the Administrative Council, Mr. Ajit Gulabchand, is an industrialist and has keen interest in raising the academic level of this instate to world class. All the members of AC and

stake holders of the institute are continually striving hard to march on the path of meeting the Vision of the institute. The organization has good decentralization of authorities, and the overall improvements are closely monitored. The administrative, academic and financial policies are designed at the Administrative Council level, however inputs for the policy making are derived from various stake holders namely; internal faculty, staff, students, University, DTE, Alumni, academicians, Industries, Research Organizations etc. All the committees have been constituted as per the UGC guidelines.

Various positions, namely, Registrar, Dean (Academics), MSIQAC, Dean (R&D) ,TPO, Chairman (Students Council), Chairman (BWC), Chairman (Central Purchase Committee), Campus Coordination committee, Hostel wardens, Rector, Security In-charge, Canteen In-charge, TEQIP Coordinator, Heads of Departments etc. positions are available and working is very smooth. Establishment section of the institute is face of office administration section.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="http://www.walchandsangli.ac.in/AboutUs/OrganisationChart.asp">http://www.walchandsangli.ac.in/AboutUs/OrganisationChart.asp</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**

**A. All of the above**



File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

**Career Development/Progression** - The college implemented and completed various TEQIP phases. In all these phases college has trained teaching and non-teaching staff in various areas as listed below. As per the institute development plan (IDP), skill enhancement for faculty and staff is also considered one of the important tasks. The following types of activities have been conducted

- Faculty training in core areas, soft skills, software
- Senior faculty training for "Change Management."
- Non-teaching training for technical skill development, Life skill developments .
- Interpersonal / team building/leadership programs .
- Paper presentation/conference participation for faculty.

There is also a provision to upgrade qualification viz Ph.D., post-doctorate under various government schemes like QIP, NDF as per AICTE, DST and UGC, etc.

**Existing welfare measures for teaching and non-teaching staff**  
The college implements the provision of accidental group insurance of Ten Lakh to all stakeholders as per the government of Maharashtra resolution number 69 dated 11th August 2017. The college also implements similar insurance of Two Lakh (University Welfare Fund) as per the provision made by Shivaji University Kolhapur for all students, teaching, and non-teaching staff. The college also provides emergency help for the needy non-teaching staff member through a "Staff Welfare Fund (SWF)."

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year**

15

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year**

1

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**

39

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

##### 6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit A firm of Chartered Accountant is appointed as internal Auditor. Quarterly audit is conducted by internal auditor. Quarterly Financial statements are prepared. Extent of checking is 100% External Audit A firm of Chartered Accountant is appointed as statutory Auditor. Audit is conducted at the end of the year Extent of checking - Sample checks Balance sheet is examined with books of accounts Audit objections are compiled as per periodicity of audits

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/igac/naac/6.4.1-%20-%20internal%20and%20external%20audit%20report.pdf">http://www.walchandsangli.ac.in/igac/naac/6.4.1-%20-%20internal%20and%20external%20audit%20report.pdf</a>

##### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

**Strategies for mobilization of funds**

- Student fees are collected at the time of admissions as per state government norms.
- Fees from concessional students are recovered from respective government departments, For this scholarship forms are timely taken and forwarded to respective agencies through online portal of government.
- Testing and consultancy activities are carried out by the department staff as per expertise.
- Research grant and project grants are obtained by faculty with submitting the proposals to different agencies and industry.
- Outside examinations and courses are conducted in the College from which income is generated

**Optimum utilization**

- Yearly budget is prepared by the departments for their revenue and capital expenses which get reviewed and sanctioned from Finance committee / Administrative council.
- Quarterly review is taken to examine the utilization of budget.
- Funds are allocated according to need and priority to each department and college.

Institute finance committee is in place quarterly meetings are scheduled and discussions and approvals for

- Review of quarterly income expenditure,
- Budget and financial proposals regarding income expenses
- All statutory compliances
- Audit compliances
- Review of Fees/ Funds receivable

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

At WCE Sangli, importance is given to quality of education and to improve the performance of academic's faculty qualification improvement is essential and most important. Accordingly, WCE adopted the policy of deputation of faculty, for higher studies under QIP and other schemes. Every year 2-3 faculty members are deputed.

The present practice of quality assurance has contributed to the planning and execution of the policies uniformly throughout the college. All quality assurance strategies are applied uniformly throughout the college. Dean (Academic and Quality assurance) plans, and schedules both internal and external academic audits. It also keeps track of the accreditation status of various programmes and makes arrangements for an application to accreditation agencies. IQAC has external committee members as per the guidelines of NAAC. Each department have Department advisory board (DAB) is department Committee chaired by the Head of the Department and comprising external members (academician, industry expert, alumni), senior teachers in the department who are UG and PG Program coordinators, The DAB and IQAC shall have the following mandates: To ensure implementation of the resolutions and recommendations of the academic council, BoS, in the department, towards overall quality improvement in the 'curriculum review, analysis and design', and Content Delivery.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="http://walchandsangli.ac.in/rnd.asp">http://walchandsangli.ac.in/rnd.asp</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Efforts are taken by IQAC in coordination with all WCE officials towards improving the academic environment consisting teaching, and learning process, curriculum and evaluation methods and research, IPR as well as extra and co-curricular

culture in the institute. The institution reviews its teaching-learning processes, structure, and methodologies of operations and learning outcomes at periodic intervals. The institution reviewed and found the different gaps in the Teaching learning process. The gaps were: Skill development courses such as communication skills, soft skills, and technical skills. Human values and professional ethics. Focused courses on Entrepreneurship. The above gaps are filled by introducing new subjects such as skill development courses for improving the communication skills, soft skills, employability training IQAC in coordination with depts. conducts an overall feedback, of course faculty related to teaching, learning as well as the overall behavior of the faculty in each semester. Faculty whose performance is not satisfactory are informed, counseled and such faculty gives action taken report for future improvement.

As per AICTE announcement in 2018, The Institute has implemented Minor certification programs wherein students can learn interdisciplinary and advanced courses. It is planned to offer an Honor Certification scheme

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.walchandsangli.ac.in/academics_2223.asp">http://www.walchandsangli.ac.in/academics_2223.asp</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="http://www.walchandsangli.ac.in/igac/AnnualReports.asp">http://www.walchandsangli.ac.in/igac/AnnualReports.asp</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. If gender equity is exactly achieved, this will contribute to the future of girls and boys more than approaches men-centered, and girls will benefit from public and domestic life as much as boys. WCE Shows gender sensitivity through various initiatives and actions for creating a safe, Secure and healthy atmosphere on campus. Sensitization of the students is done through special lectures and functions. Internal Complaints Committee is active in the college. It organizes various events on awareness issues. College has appointed counselors to guide the students and attend to the issues of the students. They motivate them regularly and guide them to lead a good life.

The Institute keeps visitors as well as students IN/OUT register to record the details of any person entering the college premises/hostel Female Warden Staff in Hostel: Girls' hostels have female wardens. Street Lights for the Female Hostel: Pole mounted Web Camera for on-road monitoring. Power backup during electricity failure. Ladies security Guard during Examination for maintaining the comfort zone of girls. Ladies squad during Examination

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid waste management : WCE has a massive amount of waste collection daily. Waste from various sections is collected and filled in a human-operated car. On the WCE campus, the method used to dispose of degradable waste is dumping in composting pits. Liquid waste management :WCE owns two wastewater treatment systems inside its campus. There are two Constructed Wetlands present for the treatment of generated wastewater. Biomedical waste management :The college does not produce any biomedical waste. E-waste Management:The generation of e-waste is apparent in every educational institute, mainly at the campus level, where there are several pieces of equipment and instruments used for administrative and scientific execution. Waste recycling system :Paper waste is regularly sold to an outside agency for recycling. The answer sheets are shredded and sold to the licensed purchaser. Moreover, the non-working equipment, which is declared "Obsolete," are sold through auction to a licensed vendor on a periodical basis. Hazardous chemicals and radioactive waste management:College does not produce much hazardous waste or radioactive waste.

Water harvesting :Rooftop rainwater harvesting is carried out at the Main Administrative building, civil ,mechanical , electronics , and IT department.



File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution											
<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>A. Any 4 or all of the above</b></p>										
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Reports on environment and energy audits submitted by the auditing agency</td> <td><a href="#">View File</a></td> </tr> <tr> <td>Certification by the auditing agency</td> <td><a href="#">View File</a></td> </tr> <tr> <td>Certificates of the awards received</td> <td>No File Uploaded</td> </tr> <tr> <td>Any other relevant information</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>	Certification by the auditing agency	<a href="#">View File</a>	Certificates of the awards received	No File Uploaded	Any other relevant information	<a href="#">View File</a>	
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Any other relevant information	<a href="#">View File</a>										
<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>A. Any 4 or all of the above</b></p>										

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

We regularly monitor and keep a track of students. Students enrolled at WCE Sangli are coming from a large variety and diversity of backgrounds. Students from gulf countries, NRI and J&K, Northeastern states, and belonging to minorities of the country are admitted based on merit as per State approved quota of seats. The institute is committed to provide an inclusive environment where student, faculty and staff can work together for their development, learning and upward mobility.

Different festivals & days like are celebrated. During cultural events / competition organised by Art circle at WCE Sangli, traditional dress competition as well as regional / state culture is always presented.

During annual social gathering, a traditional day and competition is organized to represent our Indian culture, which helps students to admire different cultures of our nation. It assists to develop the tolerance and harmony towards regional, communal socioeconomic and other diversities. An official committee was established in WCE Sangli which comprised of members appointed on the basis of Vishakha guidelines. This committee has been officially appointed and conducts periodic meetings to review cases.

Gender Equality action plan was prepared according to the TEQIP - III guidelines.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Walchand Engineering College Sangli has been doing the sacred work of technical education since last 75 years. The college prides itself on strengthening the foundation of technical education to develop its students as good citizens of the country. Students and staff should know their duties, rights, values and responsibilities. It is necessary for everyone to know about the Indian Constitution, which contains the duties, rights and values of the citizens, that's why the college decided to include the subject of the Indian Constitution in the curriculum. Currently this subject "Constitution of India" is in both the semesters of Final Year B. Tech of all branches.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

**B. Any 3 of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Shivswarajya Day:** Shivswarajya Day was celebrated on 06th June 2021. This day is the coronation day of the great king Ch. Shivaji Maharaj and is celebrated as his inspiration. Marathi Rajbhasha Gaurav Din: is celebrated on 27th February every year. T Ganesh Festival: Every year students of WCE organize Ganesh Festival and celebrate the same with unity. Dandiya Festival (Navratra): Every year Art Circle organizes Dandiya Night Event for all the students of WCE. All students participate and enjoy dancing and playing Dandiya with discipline. Thai Thai Vithai : Ashadhi Ekadashi is a big festival celebrated with great devotion in Maharashtra. In our college, the students of Art Circle also celebrated this festival with different activities. Art Circle club organised online competition of different art forms for providing platform to all the artist's.

**Diwali festival:** Fort making, Rangoli and photography competitions were organised. Deepotsav: Art circle organized "Deepotsav" in the premises of Sarasvati idol of Walchand College of Engineering Sangli. Birth anniversary programs of state and national great personalities: The college celebrates the birth anniversary of all great men-women's and sends its report to the government from time to time. Below are some photographs of the Jayanti event.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice 1

- **Title of the Practice:** Training programs to enhance students' skill sets for better employability, research, and leadership.
- **The Practice:** At the beginning of the first Semester, the Institution delivers well-structured skill training programs for students of all branches of B Tech, M Tech, and Ph.D. students, allowing them to learn more effectively. As a professional institute, we have to use applicable scientific knowledge for engineering practices. Applied sciences is a bridge that connects pure science with engineering practices. It aims to provide a strong foundation for engineering students. The Department of Humanities and Sciences is one of the integral parts of the institute. The department offers multi-disciplinary courses in Chemistry, Physics, Professional Communication, Environmental Science, the Constitution of India, course, etc. English language and communication skill course is part of the curriculum in 1st and 2nd Semester,

### Best Practice 2 Title: Research Symposium on Computing

**The Practice:** At Walchand College of Engineering (WCE) Sangli, Computer Science and Engineering (CSE) Department is active in promoting research in advances in CSE/ IT under Association for Computing Machinery (ACM) India. This has resulted in instituting the WCE-ACM Student chapter.

File Description	Documents
Best practices in the Institutional website	<a href="http://www.walchandsangli.ac.in/igac/best-practies%20walchand.pdf">http://www.walchandsangli.ac.in/igac/best-practies%20walchand.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Started with an undergraduate program in Civil Engineering in 1947, various other Undergraduate Engineering Programs are added in the year 1955, 1986 & 2001. Renowned FacultyMembers with a Focus on imparting theoretical as well as practical knowledge to students and adhering to strict norms of Academic discipline ensured necessary academic rigor which is necessary for maintenance of higher educational standards.

To support the regular academic activities, the institution has a rich legacy of Students Clubs since long and their various co-curricular and extra-curricular activities have been extremely helpful in overall development of Students. Even one of reputed international organization, Rotary Club has made an exception and established a separate Rotract Club exclusively for WCE Students way back in February 1975

The data shows that we are amongst top placement institutes in the state with almost all interested students getting placed. Also most of these students get internship offers in the final semester itself. Also many of our students who participate in various events like BAJA, Hackathons etc. . At the same time many students pursue their post-graduation in reputed institutes like IITs here or abroad. Our students also find their place in the competitive examinations conducted by UPSC, MPSC.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	<a href="#">View File</a>

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year :

- To apply for accreditations like NAACcycle 2, NBA for UG programmes, NIRF.
- To gear up for implementation of NEP with intensive deliberations.
- Digitilization through ERP procurement.
- To apply for alteration of seats in PG programmes as per admission trends
- To celebrate Platinum Jubiliy with thrust on all dimentions.