YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Walchand Institute of Technology, Solapur
• Name of the Head of the institution	Dr. Vijay Anant Athavale
• Designation	Professor & Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02172653040
• Alternate phone No.	02172652700
• Mobile No. (Principal)	9356993992
• Registered e-mail ID (Principal)	principal@witsolapur.org
• Address	Seth Walchand Hirachand Marg, Ashok Chowk
• City/Town	Solapur
• State/UT	Maharashtra
• Pin Code	413006
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	12/03/2021
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. Sachin Ratikant Gengaje**
• Phone No.	**02172652700 ext. 311**
• Mobile No:	**9028874000**
• IQAC e-mail ID	**iqac@witsolapur.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://witsolapur.org/wp-content/uploads/2024/06/AQAR-2022-23.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://witsolapur.org/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A+**	**3.26**	**2018**	**30/11/2018**	**31/12/2026**

6.Date of Establishment of IQAC	**02/01/2017**

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.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
link is https://witsolapur.org/wp-content/uploads/2025/01/Point-7-List-of-Special-Status.pdf	**Nil**	**Nil**	**06/11/2023**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the	View File

composition of the IQAC by the HEI			
9.No. of IQAC meetings held during the year	4		
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded		
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No		
• If yes, mention the amount			

11.Significant contributions made by IQAC during the current year (maximum five bullets)

NEP 2020 is created to make education more flexible, inclusive, and holistic. In view of the recommendations of NEP 2020 released by UGC, DTE Maharashtra and P.A.H. Solapur University Solpaur, IQAC steered various Board of Studies to implement these recommendations immediately and to make curriculum multi-disciplinarily and holistic. Outcomes: ?Curriculum of First Year of all branches is revised as per the NEP 2020 and was implemented from AY 2023-24. Curriculum structure for higher classes as per NEP 2020 is prepared after deliberation with industry experts, employers, alumni and academic experts. NEP 2020 curriculum for the higher classes will be implemented as below - 1.SY - From AY 2024-25 2.TY - From AY 2024-25 3.Final Year - From AY 2025-26 ?The salient features of this NEP 2020 curriculum are - 1.Comprehensive credit-based Academic & Skill Qualification frameworks 2.Assignment, Accumulation, Storage, and Transfer of Credits in ABC. 3.Digital/ Online learning 4.Credit transfer from MOOC courses 5.Provision for Multidisciplinary Minor (MDM) Courses along with Major Degree 6. Provision for Open Electives, Professional Elective Courses 7.Provision for Community Engagement Project, Field Project, Entrepreneurship/Economics/ Management Course , Value Education Course, Vocational & Skill Enhancement Course, Ability Enhancement Course, Indian Knowledge System Course, Vocational & Skill Enhancement Course, Research Methodology Course 8.Provision for Long Duration Internship / On Job Training

Encouraging and facilitating faculty for R&D - Faculty members shall engage in R&D activities through funded and collaborative research, applying for various government and non-government funding schemes, sponsored projects, and consultancy opportunities. They will also focus on publishing their research in high-quality journals and presenting at reputable conferences. For this, an R&D cell has been established at the institute level to guide & review the activities. During the academic year 2023-24, ?i. Faculty members have published a.111 research papers in various national and International journals and conferences. Out of them, 66 papers have been published in Scopus Indexed/WOS/Springer journals. b.01 Book and 13 Book Chapters. c.02 patents are granted and 06 are published ?ii. One faculty received the 'Best Paper Award' ?iii. One faculty received an award at a research competition organized by P.A.H. Solapur University ?iv. Rs. 4,45,000 are sanctioned for 06 research proposals under seed funding by P.A.H.Solapur University. ?v. Total funds of Rs. 3,25,000/- has ben received from 3 industries for projects. ?vi. Total revenue of Rs. 30.16 lacs is generated through consultancy projects in F.Y. 2022-23.

3. Incorporating Hackathons into Engineering Education: A Best Practice to foster innovations and enhance Problem-Solving Skills To encourage greater participation in Smart India Hackathon and other Hackathos and various competitions like project competitions, innovative idea presentations etc. Every year, the institute organizes an internal Hardware & Software Hackathon along with idea generation and design competitions for students. Students actively participated in various Hackathons and project competitions.These initiatives encouraged student involvement, resulting in strong engagement across different events and winning prizes. Some of them are as follows i.In the Smart India Hackathon 2023, a total of 5 teams were selected for the grand finale, with one team emerging as the winner and receiving a prize of Rs. 1 lakh. ii.In the Idea Pitching Competition for SIH finalist teams, our students were awarded an Appreciation Trophy for their innovative ideas. iii.One of our teams emerged as the winner of the REFCOLD India Hackathon, securing a prize of Rs. 1 lakh. iv.A student from our institution won the MSME 3.0 Women's Idea Innovation Contest, receiving a prize of Rs. 12.5 lakhs. v.Our students received Rs. 1,00,000/- each for four projects in the Maharashtra Student Innovation Challenge. vi.Our students were awarded Rs. 50,000/- each from Tata Magic REMS Funding for two projects and Rs. 40,000/- for a project under the Bharat Cycle Design Challenge (BCDC) organized by AICTE. vii.WIT students bagged four prizes in the 'Avishkar' Research Competition organized by Solapur University, winning three 1st prizes and one 2nd prize. viii.WIT students secured the 2nd Prize at the Giant

Metrewave Radio Telescope competition at Khodad, Pune, a national-level event organized by the National Centre for Radio Astrophysics (NCRA) and the Tata Institute of Fundamental Research (TIFR). Apart from these, a total of 44 prizes were won by our students in various project/paper presentation competitions organised by various colleges.

To increase industry collaborations, the Institute collaborated with a diverse range of industries and organizations to facilitate the exchange of technical expertise, and research collaboration, and provide both technical and financial support for projects, internships, and placements. During 2023-24, i.Seven new MOUs have been signed, and the MOU with Infosys has been renewed. At present institute has 32 active MOUs. ii. Students have participated in eight industrial visits, providing them with an opportunity to observe real-world operations and gain firsthand experience of the industrial environment. iii. The institute had mandated six-month industrial internships for all students which will provide them with practical, hands-on experience in their respective fields. Out of the total internships done by students, a total of 110 students have done internships with stipends. The maximum stipend received is Rs. 42,000/- p.m. and the average stipend received is Rs. 12,000/- p.m. iv. Students have completed 20 industry-collaborated projects. v.A total of 46 industry experts have mentored and guided students on a variety of topics, sharing their valuable insights and expertise. vi. Two faculty members have provided training to two different industries. A total of 40 participants from one industry and 50 participants from another industry have benefitted from the sessions. vii. Fourteen industries have actively participated in the seminars and workshops organized by the institute, contributing valuable insights and expertise. viii.Total funds of Rs. 3,25,000/- has ben received from 3 industries. ix. Total revenue of Rs. 30.16 lacs is generated through consultancy projects in F.Y. 2022-23.

Quality Initiate 1: Full Semester internship for Final Year students of all branches   The demand for engineering graduates is high, yet many struggle to find employment due to the large number of graduates each year. One key issue is their lack of hands-on experience. Internships provide a perfect opportunity for engineering students to apply the theoretical knowledge gained in college to real-world situations. Long duration internships offer students valuable insights into the professional realm, highlighting the differences from their academic experiences. They provide a chance to explore various career options and determine which paths align best with their interests. Internships also allow students to build their professional networks and establish relationships with

industry professionals. On view of this IQAC decided that every final year student must complete an industrial internship in Semester VIII (second semester of the final year) and must submit the detailed report about the same. This internship should be closely guided and assessed by both - industrial and faculty mentors. As per this decision, all Board of Studies (BOS) updated the syllabus for final year wef AY 2023-24 including one semester long internship for all students of all branches. Outcomes: ?All students of all branches successfully competed industrial internships in semester VIII in AY 2023-24, many with lucrative stipend. Few example companies which offered internships to the students includes - IBM, Josh Software, Persistent Systems, Intellipaat Software Solutions Pvt Ltd, Talentcorp Soution Pvt Ltd, Pune, Smart Spend Operations, Ireland, ISRO, DRDO, Ahmadabad, Defence Institute of Advanced Technology, Pune, AdrekUSA, Pune, Riktam Technology Consulting Pvt. Ltd., Indian Railways, L&T Construction (L&T), Mumbai, Tata Consultancy Services, Mumbai, Atlas Copco India Pvt. Ltd GECIA, Bharat Forge Ltd.

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:

Plan of Action	Achievements/Outcomes
Link of document is https://wits olapur.org/wp-content/uploads/20 25/01/12-Action-plan-chalked-out.pdf	Link of document is https://wits olapur.org/wp-content/uploads/20 25/01/12-Action-plan-chalked-out.pdf

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
College Development Committee	15/10/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2023-24	16/02/2024

15.Multidisciplinary / interdisciplinary

The vision of the Institute is to produce young globally competent graduates, postgraduates/ doctoral engineers with an aptitude for leadership and research to face the challenges of modernization and globalization courageously, who will be instrumental for the overall growth of society. The institute has developed an approach towards the integration of Humanities and Social Sciences(HSS) with Science, Technology, Engineering, and Mathematics (STEM). The curriculum of all UG program offers courses from HSS viz. Introduction to Sociology, Professional Ethics and Human Values, Economics, Intellectual Property Rights for Technology Development and Management, Stress and Coping, which are evaluated through End-semester evaluation. Also, students can select and enroll for approved minimum of eight weeks NPTEL HSS courses, complete its assignments, and appear for a certificate examination conducted by NPTEL. The credits obtained by the students are transferred to the student. The institution offers flexible and innovative curricula that include credit-based courses. The University as well as the Institution has adopted CGPA and CBCS systems. All UG programs include a compulsory course in 'Environmental Science' to impart environmental education. The Unit of 'National Service Scheme' (NSS) of the institute has embarked on community engagement and services through Blood donations, Projects related to Rural Development, Clean Campus Green Campus, Environment protection etc. The institute consistently participates and wins prizes in 'Smart India Hackathon' and Similar Technical competitions organized by the Ministry of Education Govt. of India and other institutions to find out solutions for the pressing problems of society and mankind. The teams are multidisciplinary, the approach is holistic and it leads to multidisciplinary projects. Students are encouraged to take on multidisciplinary projects. The UG students can take Honors Degree along with a main degree to acquire specialization in allied multidisciplinary fields. Civil Engineering students can opt for an Honors degree in 'Sustainability Engineering' or 'Infrastructure Engineering'. Computer Science and Engg.and Information Technology students can opt for an Honors degree in 'Artificial Intelligence and Machine Learning' or 'Data Science'. Electronics and Telecommunication Engineering and Electronics and Computer Engineering students can take the Honors degree in 'The Internet of Things' or 'Artificial Intelligence and Machine Learning'. The students can exit from the Honors degree channel at any time,

irrespective of their basic degree curriculum, thus giving flexibility in learning. The students are encouraged and guided to take on multidisciplinary problems for their UG projects. The problem statements given by various ministries for Hackathon are referred to while deciding UG projects. The Institute is a Research Centre of the affiliating P.A.H. Solapur University Solapur. The Research Scholars are encouraged and supported to undertake multidisciplinary research. Many Research Projects awarded by AICTE, DST etc. are undertaken and successfully completed by the faculty members. Following are the best practices of the institution to promote a Multidisciplinary/interdisciplinary approach in view of NEP 2020: NEP 2020 is created to make education more flexible, inclusive, and holistic. In view of the recommendations of NEP 2020 released by UGC, DTE Maharashtra and P.A.H. Solapur University Solpaur, IQAC steered various Board of Studies to implement these recommendations immediately and to make curriculum multi-disciplinarily and holistic. Curriculum of First Year of all branches is revised as per the NEP 2020 and was implemented from AY 2023-24. Curriculum structure for higher classes as per NEP 2020 is prepared after deliberation with industry experts, employers, alumni and academic experts. NEP 2020 curriculum for the higher classes will be implemented as below - SY - From AY 2024-25 TY - From AY 2024-25 Final Year - From AY 2025-26 The salient features of this NEP 2020 curriculum are - Comprehensive credit-based Academic & Skill Qualification frameworks Assignment, Accumulation, Storage, and Transfer of Credits in ABC. Digital/ Online learning Credit transfer from MOOC courses Provision for Multidisciplinary Minor (MDM) Courses along with Major Degree Provision for Open Electives, Professional Elective Courses Provision for Community Engagement Project, Field Project, Entrepreneurship/Economics/ Management Course , Value Education Course, Vocational & Skill Enhancement Course, Ability Enhancement Course, Indian Knowledge System Course, Vocational & Skill Enhancement Course, Research Methodology Course Provision for Long Duration Internship / On Job Training In view of Optimal Learning Environments and Support for Students, the institute developed its own Professional learning community almost 10 years ago, which practices different Pedagogical techniques in Teaching Learning process. It leads to increased creativity and innovation, critical thinking and higher-order thinking capacities, problem-solving abilities, teamwork, and communication skills among students. In view of developing Motivated, Energized, and Capable Faculty, the institution has a total 34 Ph.D. holding faculty on the roll and 32 faculty members are pursuing Ph.D. In view of bringing 'Equity and Inclusion in Higher Education', the meritorious students of the institute are provided with scholarships through 'Bhausaheb Gandhi Foundation' of the Institute and other organizations. Bank

loans are availed by the meritorious students admitted to the institute. In view of Catalyzing Quality Academic Research in all Fields through a New National Research Foundation, The institute has formed Institution Innovation Council to create a vibrant local innovation ecosystem. Start-up supporting Mechanism in Institute, Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework. In the last few years Smart India Hackathons have become the biggest platform for solving the challenges of our country. WIT Solapur students have been regularly participating in these competitions. In the Smart India Hackathon 2023, a total of 5 teams were selected for the grand finale, with one team emerging as the winner and receiving a prize of Rs. 1 lakh. In the Idea Pitching Competition for SIH finalist teams, our students were awarded an Appreciation Trophy for their innovative ideas. One of our teams emerged as the winner of the REFCOLD India Hackathon, securing a prize of Rs. 1 lakh. A student from our institution won the MSME 3.0 Women's Idea Innovation Contest, receiving a prize of Rs. 12.5 lakhs. Our students received Rs. 1,00,000/- each for four projects in the Maharashtra Student Innovation Challenge. Our students were awarded Rs. 50,000/- each from Tata Magic REMS Funding for two projects and Rs. 40,000/- for a project under the Bharat Cycle Design Challenge (BCDC) organized by AICTE. WIT students bagged four prizes in the 'Avishkar' Research Competition organized by Solapur University, winning three 1st prizes and one 2nd prize. WIT students secured the 2nd Prize at the Giant Metrewave Radio Telescope competition at Khodad, Pune, a national-level event organized by the National Centre for Radio Astrophysics (NCRA) and the Tata Institute of Fundamental Research (TIFR). Apart from these, a total of 44 prizes are won by our students in various Project/Paper presentation competitions organised by various colleges, Our students have received Rs. 50,000/- each from Tata Magic REMS Funding for two projects and Rs. 40,000/- for a project under Bharat Cycle Design Challenge (BCDC) organized by AICTE.

16.Academic bank of credits (ABC):

The Institute NAD Portal registration is completed. The institute has registered for ABC and as the initial stage student's portal registration is started for First Year, Second Year, Third Year and Final Year UG course students. Institute has started bulk ABC-Id Creation through NAD Portal. Till now total 2628 number of students ABC Ids are created. The Results data uploading of our students through NAD portal is in progress and as on date 09/01/2024 , 231 number of students First Year Exam data is uploaded on NAD portal for the students admitted in 2021-22. The result data for the students admitted in 2021, 2022, 2023 and 2024 is ready for

uploading and is in process. The syllabus framing and revision takes place every year according to the recent trends and state of art technology. The respective Board of studies (BOS) is responsible for syllabus revision and almost all faculty members are involved in this process. Appropriate weightage is provided for Core and Elective courses. According to NEP-2020 MDM courses are added along with Open Electives too. Various skill based activities are conducted through workshops, seminars and events. MOOC courses through NPTEL, Edx and Coursera platforms are conducted. To strengthen Conventional Teaching-Learning (T-L) process through blending Education Technology (ET) practices for active learning and to facilitate disruptive innovations in T-L process, we have established Professional Learning Community (PLC) in 2015-16. PLC focuses on e-content creation, continuous use of instructional strategies & ICT tools during course delivery, use of learning management system (LMS): MOODLE for publishing courses, assessment and feedback etc. For creating contents in the form of videos, we have established recording studio titled 'E-Learning Centre'. As on date, we have created @4000 videos of 12 minutes average duration, which are published on institute's YouTube Channel. Overall at institute level, on an average 15 instructional strategies & 10 ICT tools are employed in T-L process, leading to enhancement in student's learning while making T-L process a joyous experience. These blended T-L process is benefitting both students as well as faculty members to a great extent heralding the dawn of disruptive innovation in T-L process. These blended T-L process is benefitting both students as well as faculty members to a great extent heralding the dawn of disruptive innovation in T-L process. Nearly all faculty members took formal training in ET through various FDPs/MOOCs. Now, they are employing instructional strategies & ICT Tools during content delivery. Various instructional strategies and ICT tools are used by teachers to make effective teaching and to engage learners. Some of instructional strategies & ICT Tools used are: Gamification, Project-based Learning, Problem based Learning, Role Play, Jigsaws, Visualization (Animation, Simulation, Live Coding etc.), Flipped Classroom, Think-Pair-Share, Team-Pair-Individual-Share, Peer Instruction, Competitive Learning, Collaborative Learning along with the ICT Tools: Virtual Lab, Virtual Programming Lab (VPL), ModelSim, Selenium, LogicSim, Weka, Parsing emulator, JFLAP, Visualization Tutor, Tableau, Wireshark, NS2,Simulation Tools etc.

17.Skill development:

Workforce, Lifelong learning and Information Management, Ethics, morals and professionalism, Leadership skills & personality of the students by making them "Industry ready". Focused programs including

training, expert talks, and competitions are conducted regularly. Industry experts are invited to these events. The experts give feedback and suggestions to the students for their improvements. Institute has designed add-on programs on soft skills & aptitude as per the industry requirements. Universal Human Values (UHV) has been introduced for 3 Credits in Third Semester for all UG programmes. The course develops a holistic perspective towards life & profession, emphasizes 'value-based living' and highlights ethical human conduct, trustful and mutually fulfilling human behaviour, and mutually enriching interaction with Nature. 'Democracy, Elections & Good Governance' is introduced as a mandatory course. The rationale of the study is to make the pupils aware of the importance of democracy. This module also aims to make the individual understand the different aspects of democracy and its implications for the overall development of the state. A Three-week Induction program for First-year Students: This Program aims at producing engaged, productive, and contributingcitizens for building an equitable, inclusive, and plural society as envisaged by our ConstitutionCreativity and Design Thinking subject is added to First Year Engineering to develop human-centric problem-solving abilities in students. Design thinking is a systematic method of solving problems. This course is introduced in accordance with NEP 2020 in incorporating global ideas emphasizing creativity and critical thinking rather which would push students to just enjoy education without any fear. Every semester every teacher creates at least one Learner Centric MOOC (LCM) partial course on the institute MOODLE server spread over the semester as per a predefined schedule. @25% curriculum is covered through LCM. Institute takes pride in onboarding Adjunct Faculty members from the industry for partial delivery of courses, to impart the latest trend-setting cutting-edge technologies in the industry to the academia. To develop a useful and viable collaboration between institutions and industry and enhance the quality of education and skills by the involvement of academicians, scholars, practitioners, policymakers and skilled professionals in teaching, training, research and related services on a regular basis. To recognize the skills of professionals in their respective areas of excellence to impart training to the learners of skill-based courses in college. Institute has set best practice of inculcating lifelong learning through self-learning using Coordinated Student Development (CSD) model. The objective is to facilitate access to various global platforms through tie-ups, including industry collaborations to enhance professional development and to encourage students to take up appropriate courses to earn credits and/or for overall development, in self-learning mode at their pace. The institute encourages students to complete the skill based certificate courses on different on-line platforms

made available by technology companies like Infosys (Infosys Springboard) and TXC (TCS iON). Many students have registered and completed these courses which has benefited them for the placement.

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

The institute has made significant progress in incorporating the Indian Knowledge System (IKS) into its curriculum by offering a UG Level IKS Course (Course Code 24GEU2IKS7T) with 02 Credit course on Indian Science & Technology and at PG Level Course on IKS is Introduced with 02 Credits . IKS courses are delivered with subject-specific expertise, covering topics such as Metallurgy, Temple Construction and Architecture, Ancient Mathematical Works, and Social Aspects. These efforts are further enriched by the institute's commitment to fostering a deeper understanding of Indian heritage. To promote IKS, student cells and the Institute Cultural Committee have played a pivotal role. The institute organizes various events, such as traditional festivals, art exhibitions showcasing Indian architecture, and cultural performances, including flute recitals at university youth festivals, which have garnered widespread appreciation. The Institute Yoga Club has also been instrumental in hosting expert talks, workshops, and events like International Yoga Day, highlighting the significance of yoga and meditation for overall well-being. Sanskrit writing is encouraged through the Institute Magazine Committee, which awards annual prizes for the best Sanskrit articles. Looking ahead, the institute plans to establish a dedicated IKS Cell. This cell will focus on interdisciplinary research, preservation, dissemination, and promotion of traditional knowledge across various domains. Faculty members trained in IKS attended online Traditional Knowledge Digital Library (TKDL) workshops conducted by CSIR. To further enrich the academic experience, the institute plans to integrate IKS into induction programs and offer bilingual classroom delivery. Additionally, student internships and research proposals under the IKS Competitive Research Proposal Program have been submitted for funding, aiming to advance the study and application of Indian knowledge systems. In summary, the institute's approach to integrating IKS is multifaceted, combining academic rigor with cultural celebration. These initiatives engage students in experiential learning, nurture an appreciation for India's diversity, and promote holistic development. By embedding IKS into its educational and cultural practices, the institute aspires to cultivate a deeper understanding of India's rich heritage among students and faculty. Recent Accomplishments 1. Faculty Members trained in IKS attended online IKS - Traditional Knowledge Digital

Library (TKDL) by CSIR 2. Conducted introductory sessions on IKS and traditional arts for faculty and students. 3. Organized a one-week yoga training program for students. 4. Submitted a research proposal for funding under the IKS Portal 5. Incorporated IKS into student induction programs. 6. Faculty members are publishing their contribution in IKS Conferences

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

Institute is following Outcome Based Curriculum and practices for more than a decade which comprises of OBE based planning, execution, assessment and evaluation for curricular, co- curricular and extra-curricular activities. The syllabus has provisions for below types of courses 1. Professional core 2. Humanities and social sciences 3. Finance and management 4. Basic sciences 5. Computer programming 6. Professional electives 7. Open electives Given below is the process followed in designing the OBE syllabus 1. Taking the bird's eye view to decide the overall knowledge and skill competencies of the graduate with due consideration for Programme Educational Objectives, Program Outcomes (POs), Programme Specific Outcomes (PSOs) and overall requirements by industry and society 2. Deciding the courses to be included in the syllabus 3. Deciding the outcomes expected for each course (COs) 4. Deciding the course objectives meet the required course outcomes 5. Drafting the syllabus content to achieve the intended course outcomes The syllabus for each course includes below - 1. Prerequisite knowledge and skill 2. A brief introduction to the course 3. Course Objectives 4. Course Outcomes 5. Detailed course contents 6. Details for in-semester and end-semester assessment 7. Books and references The courses are delivered (theory, labs and other activities) keeping the Course Outcomes in view. Various delivery methods like chalk and talk, power point presentation, simulation, case study project-based learning etc are used by the teachers depending upon the nature of the course content. All the internal assessment tests, assignments, tutorials and other activities are mapped to Course Outcomes and Bloom's Taxonomy Levels. The evaluation follows every assessment activity critically appraising for the targeted outcomes. Course Outcomes are assessed at every semester after the declaration of the end-semester examination. Programme Outcomes and Programme Specific Outcomes (PSOs) are assessed every year. A detailed evolution by faculty members follows the assessment. The consolidated results of the assessment and evaluation of the different outcomes are presented in the Departmental Advisory Board (DAB) meeting to invite suggestions for different aspects of the curriculum, teaching-learning process and assessment, which are used for fine-tuning these systems for the next academic cycle. Institute follows below

good practices pertaining to the Outcome based education (OBE) in view of NEP 2020- Multidisciplinary and a holistic education with focus on the intended outcomes Conducting all curricular, co-curricular and extra-curricular activities in such a way that they contribute to program outcomes and program specific outcomes Emphasis on conceptual understanding rather than rote learning and learning-for-exams Mandatory six month industrial internship for each student Inclusion of a course 'Creativity and Design Thinking' in the curriculum to encourage creativity and innovation Inclusion of courses 'Universal Human Values' and 'Environmental Science' and 'Democracy, Election and Good Governance' in the curriculum Curriculum includes credit and audit courses Extensive use of technology in teaching and learning Continuous review of the attainment of the targeted outcomes and leveraging the results of the review for improvement ad betterment

20.Distance education/online education:

Institute practices innovations where students can learn anywhere, anytime, many times. This includes e-content generation and at the e-Learning Center and offering it to students, implementation of Learner Centric MOOCS (LCM), and Blended teaching- learning Process while employing ICT Tools & instructional strategies. For this purpose, the institute has set two MOODLE servers, which is accessible to all students and faculty from outside campus too. This platform is effectively used for deploying LCM, Feedback on T-L process, Training & Placement activities etc. For generating quality course e-content, we have established a recording studio titled 'E-Learning Centre' at our institute. The e- learning centre has the facility of lecture capturing and live lecture streaming. Continuously every semester, faculties are adding videos in a phased manner. As of date, total 4264 videos are created and uploaded on institute YouTube channel. (https://www.youtube.com/channel/UCb9okJF6NGPDUGgAQxu3TcA). These videos are found useful across the globe. Indian Viewers are @70% and 30% are across the globe. Viewers across the globe are on the rise. Every faculty member creates at least one LCM partial using created videos on the Institute MOODLE server. Implementation of LCM includes the design of the course, schedule for the release of the course and Feedback. These LCMs are deployed on institute MOODLE spread over the semester as per a predefined schedule. Every semester approx. 170 Partial LCM are created. Faculties are employing instructional strategies & ICT Tools duringcontent delivery. Thus, the conventional T-L process is strengthened by blending the following ET practices for active learning. At the commencement of the semester, every faculty member submits a course

plan along with ET Activity planning. Activity planning template includes the name of topics, name of instructional strategies and/or ICT tools to be employed, Schedule for activity etc. In spite of lock down, we succeeded in our commitment to engage T-L virtually. This has become possible due to the inculcation of blended T-L in earlier years under the Professional Learning Community (PLC), which is a blended formulation of administration. The institute encourages students to complete the skill based certificate courses on different on-line platforms made available by technology companies like Infosys (Infosys Springboard) and TXC (TCS iON). Many students have registered and completed these courses which has benefited them for the placement

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	10

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	2584

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	624

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	593

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**454**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**136**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**123**
Number of sanctioned posts for the year:	

4.Institution

4.1	**0**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**45**
Total number of Classrooms and Seminar halls	

4.3	**833**
Total number of computers on campus for academic purposes	

4.4	**1017.94**
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.

Walchand Institute of Technology (WIT), Solapur, has been an autonomous institute since 2021-22, offering an academic framework designed to meet local, national, and global development needs. The institute follows an autonomous curriculum for its Second and Third Year B. Tech. program (2023-24), while the Final Year programs align with P.A.H. Solapur University's curriculum. Both curricula adopt the AICTE model and the Choice Based Credit System (CBCS) to provide flexibility and a student-focused learning approach.

Each program has a dedicated Board of Studies (BoS) comprisingsenior faculty, industry experts, alumni, and external domain specialists. The BoS ensures the curriculum is relevant to industry trends, revising it periodically based on stakeholder feedback. Program Outcomes (POs), Programme-Specific Outcomes (PSOs), and course objectives are clearly defined, regularly assessed, and updated to align with the latest educational and industrial requirements.

The curriculum addresses local infrastructure needs in Solapur and western Maharashtra, while also preparing students for industries in nearby hubs like Pune and Mumbai. Focus areas include Information Technology, Automobile Engineering, Mechanical Engineering, and Automation. WIT Solapur ensures its graduates are industry-ready and capable of contributing to diverse professional and societal advancements.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://www.sus.ac.in/bos/Faculty-Of-Science-And-Technology-UG-Syllabus-2023-24

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

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

45

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	[View File](#)
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

21

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File](#)

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

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

The institute addresses cross-cutting issues related to Environment & Sustainability, Human Values, and Professional Ethics through approximately ten courses integrated into the curriculum.

An 'Induction Program' for undergraduate students fosters self-awareness, sensitivity, and a deeper understanding of society. The 'Universal Human Values' course at the S.Y. B. Tech level develops a holistic perspective on life and profession, emphasizing value-based living. Similarly, the 'Environmental Studies' course for S.Y. B. Tech students focuses on creating awareness about pollution-free environments and the importance of protecting natural resources such as forests and water bodies. Additional courses, including Economics, Sociology, IPR, Stress and Coping, and Professional Ethics & Human Values, comprehensively address various cross-cutting issues.

The institute also prioritizes gender equity by creating opportunities for female staff and students through targeted activities. A safe and secure campus environment is maintained with CCTVs, security personnel, and mentoring systems. Girl students are well-represented on committees and activities. Initiatives such as workshops on 'Health Issues in Women,' 'Personal Health Care,' 'Food and Nutrition,' and 'Stress Management for Working Women' are regularly conducted. Facilities like a yoga and health club, a gymnasium, and an 'Internal Complaint Committee' ensure well-being and grievance redressal for female students and staff.

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	View File
Any additional information	View File

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

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

310

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1126

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
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	A. All 4 of the above

from 1) Students 2) Teachers 3) Employers and 4) Alumni	

File Description	Documents
Provide the URL for stakeholders' feedback report	https://witsolapur.org/wp-content/uploads/2025/01/Report-of-Feedback-on-the-syllabus_2023-24-updated-1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://witsolapur.org/wp-content/uploads/2025/01/Report-of-Feedback-on-the-syllabus_2023-24-updated-1.pdf
Any additional information	View File

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

734

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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)

184

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

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.

A student is continuously assessed during theory & laboratory sessions through classroom interactions, attentiveness, willingness to participate actively in Q & A sessions/discussions, student learning ability, etc. Students' learning levels are appraised through In-Semester Evaluations (ISE), Internal Continuous Assessment (ICA). Student is identified either as a slow learner if the student's score is up to 50%, or as an advanced learner.

Following facilitations are provided to slow learners:

- Make-up Classes, Remedial/Revision classes/lab sessions
- Extra Assignments, Subjective & Objective Tests
- Retest
- Course Videos created by faculty members are provided to facilitate students learning by watching the videos anywhere, any time at their pace.

The programs for advanced learner are:

- Guidance for competitive exam for higher studies and employment
- Encouraging for participation through National/International Technical Events and Hackathon competition.
- Various professional society activities through CSI, ISTE, MESA, ED Cell and Organization of various events at the national level technical symposium at the institute to showcase their leadership and interact with outside counterparts.
- Self-learning through online certification courses (NPTEL, Infosys Springboard etc.) Mentoring system is in place to support students in all circumstances.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drive.google.com/drive/folders/1g8Up vIUbFsE5olcXzdsWjfIbOdUK_NMH?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/07/2024	2584	136

File Description	Documents
Upload any additional information	View File

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:

The needs, skills, interests, and learning preferences of the students are the main focus of student-centered teaching and learning. Innovations in Teaching-Learning (T-L) are encouraged by the institute. Blended T-L is our practice. Our teachers use a variety of student-centered approaches and innovations in the teaching-learning process to enhance students' learning. At the commencement of the semester, teachers plan appropriate student centric methods for content delivery.

Faculty members use a variety of tactics when delivering their courses, including debate, group discussions, competitions for presentations, internships, and other interactive learning practices. Problem/ project-based learning, or PBL, entail coming up with and designing solutions to issues.

Through practical workshops, industrial/vocational training, mini-projects, and virtual laboratories, experiential learning is implemented to acquire foundational knowledge and core capabilities.As an outcome we have research publication in education technology.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	https://drive.google.com/drive/folders/1dc2uj1Hdo0yDmV5OVJ0Fmwk1zhtnZ8xZ?usp=sharing

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

To facilitate disruptive innovations in T-L process, we have established Professional Learning Community (PLC), which focuses on e-content creation, continuous use of instructional strategies & ICT tools during course delivery, use of learning management system (LMS): MOODLE.

For creating contents in the form of videos, we have established recording studio titled 'E-Learning Centre'. Nearly all faculty members took formal training in Education Technology, various FDPs/MOOCs namely Education Technology for Engineering Teachers, Foundation of program in ICT for Education and Pedagogy for online and blended Teaching-Learning Process.

Now, they are employing instructional strategies & ICT Tools during content delivery. Thus, the conventional teaching learning process is strengthened by blending following ET practices for active learning.

At the commencement of semester, every faculty member submits course plan along with ET Activity planning which includes name of course & topics, name of instructional strategies and/or ICT tools to be employed, Schedule for activity etc. Some ICT Tools: Proteus Design Suite, Keil, Matlab, Xilinx, Verilog, Wokwi, Parsing Emulator, JFlap, HackerRank, E-Draw, etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://drive.google.com/drive/folders/12a8avaPKzmEG-ogrmywmfSs6IUAJgclD?usp=sharing
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

117

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

An academic calendar is prepared at institute level to plan the curricular activities and is published well before the commencement of the semester. Department Head in consultation with various activity in-charges prepares academic calendar for the department in sync with institute academic calendar. Academic calendar includes a schedule for start and end of teaching as well as laboratory work. In Semester Evaluation (ISE) and Internal Continuous Assessment (ICA) forms an integral part of the departmental academic calendar which includes internal tests, seminars, presentation, internal viva-voce and submission. All activities related to assessment and examinations are strictly carried out in accordance with the schedule indicated in the academic calendar. Variation, if any, along with the reason becomes part of the 'Executed Academic Calendar", prepared after completion of the semester. The reasons for variation, if any, are analyzed and are considered as an input for improving the academic calendar of the next cycle. At the commencement of semester, every faculty member submits teaching plan.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

136

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
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

29

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	View File
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)

19628

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

35

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

217

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

Autonomy has been conferred to institute from A.Y. 21-22. Academics and autonomy processes are automated through software platform. This software executes full academic autonomy culminating in secure, confidential, accurate examination. The examination system automates all the key processes of end semester examinations i.e. Pre-Exam, Exam Conduction and Post Exam. This includes Exam form & Hall-ticket generation, Seating arrangement, Marks-entry, Percentage and CGPA, preparation and analysis of results.

Institute follows CBCS System for evaluation. Student's performance is assessed in two parts, namely Continuous-Internal-Evaluation(CIE) and End-Semester-Evaluation(ESE). CIE comprises of Internal-Continuous-Assessment (ICA) for tutorial, laboratory Courses and In-Semester-Evaluation(ISE) for theory Courses. Assessment weightages for theory courses are 40% for ISE and 60% for ESE. Overall weightage for ISE and ESE is 50%. Total three ISE tests shall be conducted during the semester. Additional modes of assessment are assignments, seminar, quizzes etc. ICA is based student's performance throughout the semester and due weightage is for attendance, performance in laboratory/tutorials, timely completion of assignments, orals & practical performance. Along with

conventional assessment modes, ICT tools like Socrative, Google forms, LMS such as MOODLE, etc. are used. Virtual Programming Lab(VPL) on MOODLE is used for programming languages. Platforms such as HackerEarth, HackerRank, codechef,LeetCodeetc. are used for enhancing problem solving and programming skills.

File Description	Documents
Upload any additional information	[View File](#)
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

While implementing outcome-based education (OBE) since 2011, institute provides the formal training to faculty and staff regularly by arranging workshops making them competent to Implement OBE. Even some of the teachers undergo the courses on OBE. In course curriculum COs are well defined. CAM is prepared for all courses.

The curriculum which also contains PEOs, POs and PSOs along with COs for all the courses is well disseminated through the following modes to students.

Website of the institute (www.witsolapur.org).

At the commencement of semester, teachers give in depth knowledge about COs. The COs is displayed in the laboratories.

PEOs, POs and PSOs of the programme are widely displayed at all prominent places of department such as HOD cabins, Notice boards, Classrooms, Laboratories and Newsletters, Lab manuals etc.

Dissemination to the external stakeholders

Department Advisory Board (DAB) meeting Parents meeting

Alumni meeting, Alumni Visit/interaction Campus drive, training sessions

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

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

For Outcome based Assessment, appropriate assessment methods and tools are used after reviewing by the DAB to improve teaching-learning on a continuous basis.At the commencement of semester, teacher prepares CO assessment plan. As well the course outcomes are mapped with POs and PSOs onthe scale of 1(low), 2(moderate) and 3(high). The Tools used for assessing CO attainment are: Internal Assessment Tool (IAT) and End Semester Examination Tool(ESET), each with weightage of 50%. IAT isa Formative Assessment and based upon In-Semester Examination (ISE) and Internal Continuous Assessment (ICA). ESET consists of End Semester Examination (ESE) and Practical & Oral Examination (POE). The question paper is well mapped with all COs. Attainment levels are defined through Targets which are in terms of percentage of maximum marks for which a relevant CO is assessed.

It is ensured that each CO is adequately (and separately) assessed using various methods of IAT. The total attainment of POs and PSOs is calculated using Direct Tool and Indirect Tools in the proportionof 80:20 respectively. Direct attainment level of a PO/PSO is computed by taking the average across all courses addressing that PO/PSO. Indirect attainment is calculated through Course OutcomeSurvey and Program Exit Survey.

File Description	Documents
Upload any additional information	View File
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

598

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/drive/folders/1Vn7g UEa3ReMWxLO_M7d7I10sYOuYmq0a?usp=sharing

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

https://witsolapur.org/wp-content/uploads/2025/01/2.7.1-Student-Satisfaction-Survey.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

Walchand Institute of Technology has a well-defined research policy.

The institute has a subscription of 542 journals (e-copies). We also have membership in e-ShodhSindhu & National Digital Library.

The databases accessible at the institute are ASCE, ASME, Sci. Direct, IEEE.

iThenticate Plagiarism Software is also available.

As per the need, journals related to the emerging areas are subscribed.

Appropriate funding for the research projects is done by the institute.

Financial assistance to attend conferences & publish research papers in quality journals is available.

Assistance to file patents is also available through the Intellectual Property Right Cell at the institute.

The institute promotes innovation & entrepreneurship-related activities through the Institution's Innovation Council set up at the institute.

Our institute is a recognized Ph. D. research center of P.A. H. Solapur University, Solapur for Mechanical Engineering, Civil Engineering, Electronics Engineering & Computer Engineering fields. Faculty members are guiding the Ph.D. scholars in these areas.

The 3D printing facility is being fully utilized for training of the students & faculty members for development of prototypes.

We are planning to purchase a 3D scanner & high configuration computer to strengthen the research facility.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://witsolapur.org/wp-content/uploads/2023/07/Research-Policy.pdf
Any additional information	No File Uploaded

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)

1.25

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

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

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
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)

3.955

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

9

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

20

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

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

5

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.sus.ac.in/, https://su.digitaluniversity.ac/
Any additional information	**No File Uploaded**

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.

Institution has functional Institution's Innovation Council (IIC). Eighteen trained faculty members are working as Innovation Ambassadors. Our institution has mentored five institutes.

Well disseminated Innovation & Startup Policy of the institute is in public domain. Facilitation & promotion to students & faculties for

innovations is done by organizing various programmes which include internal hackathons, idea pitching events, innovative project competitions, to become successful innovators & entrepreneurs.

Fifteen courses related to innovation, IPR & entrepreneurship are offered to students. Eight number of Centre of Excellence with advanced tools & equipments are made available to all. Students are using 3D Printing machine at our institute to prepare prototype.

Entrepreneurship Development Cell & IPR Cell is assisting students in their journey towards startup.

Facilities in the form of shared office/rooms, labs, equipments, computational facility along with mentoring & guidance are provided.

Students participate in Hackathons and other Innovation & Entrepreneurship related events within and outside the institution.

Institution has signed MoUs with different organizations for incubation of ideas. Institution has started mentoring two schools having Atal Tinkering Labs for transferring knowledge to society.

Institution is in a process of getting recognition from MSME as Host Institute/Business Incubator.

Students are getting seed funds for incubating their ideas.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
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	View File
Any additional information	No File Uploaded

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

0

File Description	Documents
URL to the research page on HEI website	https://witsolapur.org/research/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
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

0.25

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

0.22

File Description	Documents
Upload any additional information	[View File](#)
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

833

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	[View File](#)

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

31

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

36.91

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**View File**
List of consultants and revenue generated by them	**View File**
Any additional information	**View File**

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

4.41 Lacs

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	**View File**
List of training programmes, teachers and staff trained for undertaking consultancy	**View File**
List of facilities and staff available for undertaking consultancy	**View File**
Any additional information	**View File**

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

Different extension activities such as street plays, rallies, competitions, seminars etc. are carried out in the neighborhood communities to make aware of social issues among students.

Students spread awareness about blood donation by donating blood as it is a major community responsibility.

Students & faculties participated in different yoga and meditation sessions which helped them to understand the role of yoga & meditation in maintaining physical as well as mental health.

Yoga course has been introduced to both UG & PG programmes as per NEP 2020.

Students took new voter registration drive & encouraged others for the active participation in the election process to build transparent democratic nation.

Various days & Jayantis are celebrated by arranging competition or guidance sessions to make aware students contribution made by these great leaders.

Constitution Day is also celebrated to increase nationalism & awareness about their rights.

A programme on organ donation was also conducted to create awareness amongst students.

A programme under Meri Mati Mera Desh Campaign was conducted as a part of Azadi Ka Amrit Mahotsav.

Har Ghar Tiranga Abhiyan was celebrated by all students & faculty members.

Induction Programme on Stress Management is conducted for students admitted to first year.

More than 2336 students were sensitized through above programmes.

File Description	Documents
Upload any additional information	[View File](#)
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

53

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
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)

12

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

2336

File Description	Documents
Reports of the events	View File
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

29

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

12

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 Institute campus is spread over 22.31 acres, as against AICTE-requirement of 7.5 acres. Overall Carpet area of the Institute is 20554.13sq. m., against AICTE-requirement of 10387sq.m.

Instructional area is 14309 sq. m. (AICTE-requirement: 7604 sq.m). Central library is of 1457.65 sq.m. area, against AICTE-requirement of 566 sq.m. and workshop of 627sq.m. against AICTE-requirement of 400 sq.m.

40 well-equipped (LCD projector, laptops, speakers, connectivity), well-ventilated classrooms with total area 3084.05sq.m. (AICTE-requirement: 33). Additionally tutorial rooms are provided.

The Institute has 73 well-equipped laboratories with total area of 6781.77sq.m. (AICTE requirement: 68) out of which, some are supported by industry/statutory bodies.

Two computer centers are provided, admeasuring total 338 sq.m. against required 300sq.m. There are 886 computers and 46 printers, against AICTE-requirement of 265 and 15 respectively. 09 servers, 65 manageable, 07 POE manageable switches, 34 Wi-Fi Access points, Sophas-XGS3300 Firewall, 850 Mbps Internet bandwidth, 55 application and 06 system software are available.

Two ICT-enabled Seminar halls, with area of 526.21sq.m. (AICTE-requirement: 01 with area 132 sq.m.)

Institute established e-Learning Centre for e-content generation, uploaded on Institute YouTube Channel.

MOODLE is used as LMS. @10 ICT tools are used for content delivery and assessment. G-Suite is used effectively for T-L.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1JMkK8f8_Ex2 wI1fwinhoypp1wPmaX-tn/view?usp=drive_link

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 Institute has a well-balanced environment of academic, cultural, and sports activities for students' overall personality development. Play fields admeasuring 42199 sq.m. are available on campus where the outdoor sport grounds including a Cricket field, Hockey field, Football field, Kho-Kho Court, Kabaddi Court, Tennis Court, Volleyball Court, Basket Ball Court, Handball Court, and 8 lane 400m running track are existing. There are also well-equipped indoor Chess, Carom, and Table tennis courts.

Additionally, Badminton court at Bhagat Singh Market, Markandeya Swimming Pool for swimming, Shree Health Club and Officers club for Wrestling, Gymnasium, Body Building, and Weightlifting are made available to students.

There is a spacious hall on campus for Pranayama and Yoga for students and faculty. Auditorium of area 324.0 sq.m. with a seating capacity of 500 persons is available. There is a 537.80 sq.m. open-air theatre for cultural activities.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	**Nil**

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

42

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

1451.45

File Description	Documents
Upload audited utilization statements	<u>View File</u>
Details of Expenditure, excluding salary, during the years	<u>View File</u>
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

- **Name of the ILMS software: LIB-MAN (Library Management System); Year of automation 2010,Version 1.0**

The library is fully automated through LIB-MAN Software. The book circulation is registered based on students bar coded identity card and barcode on books. 1 TSC bar Code Printer and four Laser bar code scanner devices are available to make books issue-return process easy and accurate.

The library is the heart of all academic activities of the Institute. Students are motivated to make the best use of library facilities to promote affinity towards reading and learning which are vital for the holistic development of the students. The library extends vital support to the academic and research needs of the college by providing updated and comprehensive collection of reading material.

(a) Details of library facility.

Sr. No.

Particulars

Availability

1

Total Area of Library

1262.14 sq.mts

2

Total seating capacity of Library

265

3

Working Hours of Library

All working days: 9.00 am to 6.30 pm

Academic weekend: 10.00 am to 6.15 pm

Examination period 8.00 am to 10.00pm

(b) Details of library holdings:

1. Central Library Books:

Resources

No. of Resources

Book Titles

20892

```
Volumes

62112

e-journals

542

Thesis:

Ph.D. Dissertations

083

M.E Thesis

547
```

- **Department library Books:**
- **Book Titles 1561**
- **Volumes 3619**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1KUqJqQ7C-jd-M1N5NXutJkFhUzlt3AsS/view?usp=drive_link

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	View File
Upload any additional information	**No File Uploaded**

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

2993305.00

File Description	Documents
Audited statements of accounts	View File
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)	View File

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

226.55

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

Institute has provided a campus wide networking in all the buildings through structured cabling, Wi-Fi and client-server architecture. The continuous scaling up depending upon usage is done by increasing numbers of manageable switches and VLANs. In campus, there are Sixty five L2 and four L3 manageable switches. Laboratory wise Virtual LANs are created. Total six servers are active including LDAP, MOODLE, Tally and Oracle.

Entire hostel campus is Wi-Fi enabled and connectivity is through P2P. Wi-Fi zones are created in institute campus depending upon their usability.

Institute continuously keeps on upgrading the internet bandwidth, upgraded to 850 Mbps from 700 Mbps this year. Security is ensured through upgraded Sophos (XGS 3300) firewall and e-Scan Antivirus.

Institute has deployed Learning Management System (LMS) MOODLE on two servers. These servers are accessible even from outside campus, to students and faculties.

Legal licensing is taken care through Microsoft Campus agreement and various perpetual licenses. Total fifty-five legal application software are available.

No. of computers/laptops available are 886 out of which 135 are recently added. Annual cost incurred on up-gradation is @63.45 lakhs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1O4A09o3RsF9PZTjsDQY18za13Xhjy_N6/view?usp=drive_link

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2584	833

File Description	Documents
Upload any additional information	[View File](#)

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	View File
Upload any additional information	**No File Uploaded**

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

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drive.google.com/file/d/1ZwXZTQRVDi-_PmL4ornOA8aI5BjAIy7H/view?usp=drive_link
List of facilities for e-content development (Data Template)	View File

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)

916.75

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

Institute ensures optimal allocation and utilization of the available financial recourses for maintenance of various facilities through regular meetings with stakeholders. The budget allocation is factual, as it is done department-wise, leading to highest utilization of allocated budget.

1. Laboratory: The Laboratories are regularly maintained by Lab

Incharge and assistant. Preventive maintenance is carried in-house and record is documented. Equipments are maintained properly and serviced periodically. Institute follows defined Upgradation/write off Policy of equipment.

2. Library: Regular issue and return of the books is assured by library software. The maintenance of the reading room and stock verification of library books is done regularly by library staff.

3.Sports: Maintenance of sports equipment is supervised by college sports in- charge.

4.Computers: All necessary software are installed and maintained by Laboratory assistant. Regular maintenance work is carried through Institute level maintenance cell. In case of major break down, external agencies are deployed.

5. Classrooms: The College has various committees for maintenance and upkeep of infrastructure.

6.Other Maintenance: Regular cleaning of water tanks, water purifiers, garbage disposal, pest control, landscaping and maintenance of lawns.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1cc6fzN7tOm9QeK9Hcm1aHOlSiW745joB/view?usp=drive_link

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

1884

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

91

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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	https://witsolapur.org/wp-content/uploads/2025/01/5.1.3_Website.pdf
Details of capability development and schemes	View File
Any additional information	View File

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

459

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

332

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

26

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
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

8

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

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

14

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

The Institute encourages student representatives to participate/contribute in numerous decision-making, academic, and administrative committees, facilitating them to be beneficiary for overall development with conducive academic environment.

Administrative & Academic College Committees having Students' Representation

1. College Development Committee

2. Internal Quality assurance Cell (IQAC)

3. Anti-ragging Committee

4. Grievance Redressal Committee

Students' Representation and Engagement in various Co-Curricular activities

1. A National Level Technical Symposium: WITECH, Acceleration, WITCHAR

2. Engineer's Week Celebration

3. Entrepreneurship Development Cell, Soft Skill Development Cell.

4. Professional Chapters like ISTE, IEI and CSI

Students' Representation and Engagement in various Extracurricular activities

A variety of extracurricular activities such as

1. Atharva Culture Program

2. Ganesh Utsav

3. University Yuva Mohotsav

4. Art Exhibition

National Social Service (NSS) committee seeks to integrate social responsibility with personality development. These committees are active in organizing several extension activities like Workshop on Yoga, Blood Donation Camp, etc.

Involving students in various professional bodies/student chapters has made them more responsible and strengthened their ties to the institute, resulting in many of them coming back to contribute to

their alma mater.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

30

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

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

The Alumni Association at our institute is registered on 12-12-2005 having number MHA/1465/05/Solapur. This association is active and is a strong interface between the alumni and the institute. It provides opportunities to the present students to develop in their field of interest using expertise and guidance of successful alumni who have turned out to be reputed professionals and entrepreneurs.

There is regular representation of alumni on various statutory bodies such as Internal Quality Assurance Cell (IQAC), Board of Studies (BOS), Department advisory board (DAB). Alumni contribute to curriculum updates and quality assessment of various administrative activities. They also share their knowledge and skills by giving expert talk, guiding students for project work and training students on emerging technologies through webinars sometimes providing collaborative projects with the industries they work in.

Throughout the year many alumni from various departments were contributed to curriculum updates and quality assessment of various administrative activities and their representation in IQAC, DAB, BOS etc. Also alumni are invited for guest lectures, oral examinations, cultural activities , technical symposiums etc.

The feedback given by alumni on various issues helps in taking corrective action for overall development of student, faculty and the institute at large.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

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

Having formulated the Institute's Vision and Mission stringently and carrying out a SWOC analysis has resulted in an elaborate strategic plan preparation at the Institute level. This strategic plan exhibits crisp objectives to be carried out.

A global exposure is extended to students through offerings of training in emerging areas. Students completed certifications: 19from Coursera, 24 from NPTEL, and Around 767 students and 24 faculty members are onboarded on Infosys Springboard. Two Hackathons were organized providing students with necessary mentoring and required facilities. Faculty members completed 154 certifications through FDPs/Seminars/Workshops/industry training to build competencies and Students underwent 95 training sessions.

To generate Doctoral Engineers and promote research, a concentration was directed to generate 124 publications, out of which 66 are UGC/Scopus/WOS/SCI indexed. Leadership was established by involving student participation in campaigning and comparing events such as 4 symposiums, 6 project competitions, 1 programming contest, and 25 entrepreneurial activities with an Innovation Club. 33 activities were organized under the professional student chapters.

Modernization was enforced using virtual labs, creating videos, online submissions,and assignments using MOODLE, Google Classroom, and Project-based learning. 03 workshops on Automation were organized.

19 industry collaborating projects and 11 extension activities were organized for growth of society.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://drive.google.com/file/d/15jDDyiUsVap GJ1C4KCJSzsaswSRr-Hn5/view?usp=sharing

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

Participative management is evident as 42% of faculty members actively contribute to statutory bodies and committees at the institute. They independently organize curricular, co-curricular, and extracurricular activities with significant student representation. Professional society chapters, led by faculty advisors, follow a structured framework with committees and event coordinators. These chapters operate under decentralized policies, allowing them to plan, organize, and budget their activities with financial autonomy provided by the institution.

The Computer Society of India (CSI) conducted 15 activities in 2023-24, including hackathons, programming contests, workshops, and project competitions, with 54% student participation. This chapter has received accolades such as the Best Accredited Student Branch award (2016-2019) and the Best Coordinator award (2016-17).

The Indian Society for Technical Education (ISTE) organized six events focusing on team building, communication, ideathons, and assembly drawing competitions, with 36% student participation. It has been recognized with the Best Student Chapter award (2016-17), Best Women Teaching Faculty award (2021-22), and Best Teacher award (2023-24).

The Institute of Engineers, India (IEI), held 21 events, including webinars and panel discussions, with 34% student participation. This

chapter offers scholarships to needy students and is renowned as one of the best in Maharashtra.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://drive.google.com/file/d/1yyJj9ZEQv4P9YWZG51HTbe663NhhLfv2/view?usp=sharing

6.2 - Strategy Development and Deployment

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

Promote Student Entrepreneurship (PSE) The Strategic Management Process of the institute is designed to achieve the strategic objective through various important key activities, like "Promote Student Entrepreneurship." The idea of infusing entrepreneurship into education has spurred much enthusiasm in recent decades. A myriad of effects has been stated to result from this, such as economic growth, job creation, and increased societal resilience, but also individual growth, increased institute engagement, and improved equality.

Importance/Objectives of PSE: Explain concepts & the process of becoming an entrepreneur.

- **Promoting conversation of student/graduate to an entrepreneur**

- **Providing incubation knowledge source, and ecosystem**

- **Accelerating the ideas/concepts to participate and test in various competitive environments.**

- **Awareness about innovation rights like copyright and patents**

Characteristics of PSE:

- **Institute's Innovation Council(IIC)**

- **Entrepreneurship Development(ED) Cell**

- **Intellectual Property Rights(IPR) Cell**

- **ATAL Tinkering Lab-Mentoring to two High school-Junior Colleges**

- **Liaising with Alumni (Entrepreneur)**

Activities: Organized to guide, train, share, and exchange views/suggestions through offline and online sessions with assignments, tests, experiments & continuous assessment processes by industry experts.

- **Training Workshops**

- **Industrial visits**

- **Industrial Training**

- **Internship programs**

- **Participation in National and International competitions like Hackathon**

- **MOU with Industries-Industry Associations & Institutions**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1WhzJAZDvzrO2-scwI06JZ4qxQCKEr8zN/view?usp=sharing
Upload any additional information	**No File Uploaded**

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.

The institute started functioning under Autonomous status from AY 2021-22. The functioning of the Institute is well-structured and monitored by the Governing body, an apex body headed by the trust Chairman and the Principal is secretary. Deans of various domains & College Development Committee assist the Principal in executing

various activities of Institute.

Head of the departments, reporting to principal are supported by the faculties and staff in the working of Laboratories and various departmental activities. Proper student's representation is ensured on statutory bodies/committees for effective functioning. Administration & Accounts ; lead by Registrar & Finance Officer respectively and have defined structure.

Governance is monitored through various statutory bodies/committees formed as per the norms. The Academic Council supports the Principal in executing allied activities. The library is looked after by librarycommittee headed by faculty and coordinated by a librarian.

Extra-curricular/Co-curricular activities are carried out by various committees, headed by faculties. Training & Placement officer coordinates the activities like employability-enhancement, Internship, T&P.

Governance and Policies of the institute such as Strategic Management including vision mission statement, Code of Conduct, Policies of Deputation of Faculty, Promotional, and Delegation of Financial Powers, etc. are transparent, being well disseminated on the institute website.

File Description	Documents
Paste link to Organogram on the institution webpage	https://witsolapur.org/wp-content/uploads/2023/05/Organization-Structure-of-WIT.pdf
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1zyj1eE3TfSh9nHkbkNoI4903_YRVd8ws/view?usp=sharing

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

Following are the Welfare measures for teaching and non-teaching staff adopted by the Institute:

1. Appreciation to faculty and staff for acquiring higher qualifications.

2. Recognition to outstanding faculty and staff with "Bhausaheb Gandhi Sevabhavi Puraskar.

3. The facility of Group Medical Insurance, EPF, and Gratuity Fund for regular staff in the college.

4. Availability of financial support through various schemes of 'Employee's co-operative society'. (Pathapedhi)

5. Provision of 'Employee Welfare Fund' Savings Scheme by Credit Co-operative Society.

6. Recognition / Promotions for good work based on PBAS performance and outstanding contribution.

7. "Earn while you learn" scheme for staff, for higher education during service.

8. Extending facilities for higher studies to faculty and staff.

9. Felicitate faculty and staff for completing their higher education and distinguished achievements.

10. Promotion to higher posts for faculty/staff.

11. Opportunities for staff and faculty to upgrade their qualification.

12. Leave type: Casual, Duty, Medical, Earned, study & Maternity leave

13. Birthday celebration.

14. Faculty members are provided with TA and DA for presenting Technical papers at National and International conferences.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drive.google.com/file/d/1enFu6UoEo-9 4H9JtNIoL5Gqg0eKqIl7j/view?usp=sharing

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

10

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

110

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institute for its transparency and consistency in operational activities carry out internal audit continuously through a qualified person appointed on the roll of the institute. It focuses on routine activities and suggests the areas for improvement. The internal audit also aims at minimizing discrepancies to be identified through external audit. As an impact of judicious Internal audit, external auditors report has no adverse remarks regarding the state of affairs of the Institute.

The financial audit of the institute is conducted annually by an independent external firm of Chartered Accountants. Auditors visit our premises twice a year owing to large volume of financial transactions. Our staff cooperates fully by providing all the necessary information and explanation, so that the audit can be completed on timely basis. Auditors give their opinion whether financial statements present true and fair view of state of affairs of the institute at the end of that financial year and whether the financial statements are prepared in accordance with specified Accounting and Auditing standards formats specified by ICAI. The audited financial statements are submitted to various competent authorities. These annual audited statements are available on institute website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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)

40.037

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

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

Resource mobilization policy of the institute:

Following are the sources through which funds are mobilized for the institute.

- **Students fee collection.**

- **Providing Testing and consultancy services to society.**

- **Real time projects funded by various industries/agencies.**

- **Submission of proposals to various Govt. & non Govt. agencies like AICTE, DST, BCUD, UGC, SERB, IEI, ASHRAE etc. for receipt of grant**

- **Undertaking various training programs**

- **Surplus generated through organization of various activities.**

- **Funds from parent trust**

```
Optimal Utilization:

Optimal Utilization: Optimal Utilization is insured through the
following process.
```

- **The requirement is judicially arrived at by taking inputs from the stakeholders (number of pages reduced in journal as per requirement).**

- **All purchases are done through competitive bidding resulting in least cost of procurement.**

- **Promoting digital processes (paperless administration)**

- **In-house maintenance of equipment to maximum extent possible.**

- **Doing collaborative programs with society leading to minimization of expenditure.**

- **Our buildings are green and require minimum use of electricity during the day.**

- **Use of solar panels to minimize the usage of electricity.**

- **Use of intranet to minimize efforts of menial staff and paper consumption to convey messages.**

File Description	Documents
Upload any additional information	[View File](#)
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)

```
IQAC is ensuring clarity and focus in the institution's march
towards quality enhancement. Various practices have been
institutionalized as a result of IQAC initiatives, out of which two
```

are mentioned below:

1.Fostering Life-Long Learning Skills: To promoting life-long learning, the institution has continued to implement the Coordinated Student Development Model, which encourages self-directed learning. Students successfully completed certifications Infosys-Springboard, NPTEL platforms.

Outcome: WIT, Solapur is awarded as Top institute in Maharashtra for having highest number of certifications. Additionally, the institution was honoured with the SPoC of the Month at November, 2023.

2.Faculty members shall carry out R&D activities through funded & collaborated research by applying to various govt./non govt. funding schemes, sponsored projects & consultancy and shall publish their research in quality journals/conferences.

Outcome: Faculty members have published 111 quality research publications. 01 Book and 13 Book Chapters are published. 02 patents are granted and 06 are published. One faculty member has received 'Best Paper Award'. One faculty received award at research competition organized by P.A.H.Solapur University.

Rs.4,45,000 for 06 research proposals under seed funding by P.A.H.Solapur University and Rs.3,25,000/- from 3 industries for projects has been received. Total revenue of Rs. 30.35 lacs are generated through consultancy projects.

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

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

Assessment and evaluation of various academic activities and suggestions for improvement in the same is implemented through two tier academic audit system - an internal audit (annually through IQAC members) and external audit (biannually through members outside the institutions and/or from industry). Objective of the audit is to review teaching learning and assessment process. The review of infrastructure and facility is also taken with view to note its

adequacy/deficiency, if any so that facilities and infrastructure will assist in proper delivery of teaching learning process.

Following Parameters are reviewed during Academic audit:

1. Students Admissions and quality

2. Faculty Strength and Qualification

3. Faculty - Research & Development, Consultancy and Publications

3. Infrastructure & Amenities

4. Curriculum in view of NEP 2020

5. Identification of Curriculum Gap & Action Taken

6. Teaching-learning Process and Innovations in it

7. Students Assessment

8. Results Analysis, evaluation of COs, POs and PSOs attainment and measures taken

9. Industry-Institute Interaction

10. Feedback from various stakeholders

11. Overall Student Performance

Two examples of institutional reviews and implementation of T-L reforms facilitated by the IQAC:-

1. Quality Initiate 1: Full Semester internship for Final Year students of all branches

2. Quality Initiate 2: NEP 2020 implementation

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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	https://witsolapur.org/wp-content/uploads/2025/01/Annual-Report-2023-24.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

The Institute recognizes gender equality as a fundamental human right and a key to building a peaceful, sustainable world. Without gender equity, national progress is unattainable. To promote gender equity, the Institute has taken the following initiatives:

- Equal Opportunities for Women: Women are given equal opportunities across all areas. Currently, 27% of employees are women, with 21% in administrative roles.
- Support and Security for Women: The Institute provides facilities such as common rooms with first aid kits, sanitary

napkin vending machines, and incinerators. A dedicated girls' cell organizes activities on personal hygiene, skincare, breast cancer awareness, and health issues. Webinars and eye donation awareness sessions were also conducted this year. A Women's Grievance Redressal Cell addresses concerns raised by women and girls.

- **Equal Participation in Activities: The Institute ensures equal representation, with girls constituting 51% of participants in curricular, co-curricular, and extracurricular activities.**
- **Encouraging Higher Education and Research: The Institute motivates women to pursue advanced education and research, with 5% of female faculty completing their Ph.D. and 7% currently pursuing it.**

These initiatives reflect the Institute's commitment to fostering gender equity for sustainable progress.

File Description	Documents
Upload any additional information	View File
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	View File
Any other relevant information	View File

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)

On campus, solid waste is managed using advanced measurement and weighing techniques. Various types of waste, including garbage, rubbish, inerts, construction and demolition debris, e-waste, and hazardous materials, are measured based on technical criteria. Biodegradable waste from the campus and canteen is processed in the

Vermicomposting Plant, which is a highly effective initiative producing 2,250 kg of high-quality vermicompost annually for on-campus use. Garbage primarily consists of garden, horticultural, mess, and canteen waste.

E-waste generated by different departments is segregated and sent for recycling, while rubbish is outsourced to the Solapur Municipal Corporation. Greywater from the Boys' Hostel (mainly bathroom wastewater) and the guest house is treated through an anaerobic wastewater treatment plant. This plant includes a fixed-bed biological reactor with two filtration chambers and a sedimentation tank arranged in series.

As wastewater passes through the filtration system, particles are captured, and organic matter is broken down by active biomass on the surface of the filter material. The treated water is collected in the sedimentation tank and reused for secondary purposes, such as gardening within the Boys' Hostel campus. These initiatives highlight the Institute's dedication to sustainable waste and water management practices.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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	View File
Any other relevant information	View File

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	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

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	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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).

The institute fosters an inclusive environment, promoting tolerance and harmony across cultural, regional, linguistic, and socioeconomic diversities. Festivals and Traditional Day are celebrated with enthusiasm, while NSS organizes activities like expert lectures on women empowerment, yoga, and environmental issues. Students actively participate in competitions and write articles in regional languages during events like Witness, Engineers Day, Art Exhibition, Youth Festival, Atharva, and National Science Day. A mandatory course on environmental science is included in the curriculum to enhance awareness. The institute contributes to society by offering counseling for engineering aspirants, sharing educational content through the PLC YouTube channel, and providing testing and consultancy services. Additionally, it facilitates scholarships for students through government and private organizations, ensuring equal opportunities. These efforts collectively nurture holistic development and societal engagement among students and staff.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Through various activities, Institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. On the occasion of 'Constitution Day' and 'National Voter's Day', National Science day, awareness program was arranged through the NSS cell to educate about constitutional and voter rights. Students' induction programs are conducted to create the right understanding about human beings, family, society, environment and civilization which facilitates the students to improve their life skills, employability and global competence significantly. Sessions were arranged during student's induction programs by faculty and external experts to inculcate the values necessary to render students into responsible citizens. In the curriculum too, value-added audit course of 'Democracy', mandatory course of 'Universal Human Values', and HSS course of 'Professional Ethics and Human Values' is included to create awareness about rights and duties and inculcate professional ethics among students. Students showcase their professional ethics and etiquettes through their behaviour in classrooms, in various competitions, while working on projects, preparation of reports, presentation, etc.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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	**B. Any 3 of the above**

organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	

File Description	Documents
Code of Ethics - policy document	[View File](#)
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	[View File](#)
Any other relevant information	**No File Uploaded**

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

National and international commemorative days, events and festivalsare celebrated throughout the year. 'International Yoga Day was celebrated on 21st June 2024. On this occasion all faculty members and staff participated with great enthusiasm. 'Har Ghar Tiranga Abhiyan' celebrated from 13th to 15th August 2023 under the aegis of Azadi ka Amrit Mahotsav.'Gandhi Jayanti` and 'Lal Bahadur ShastriJayanti' is celebrated on 2nd Oct. 2023. On this occasionstudents and staff took the `Swachhata Oath and few staff membersparticipated in cleaning the college campus.'Sardar VallabhbhaiPatel Jayanti' was celebrated on 31st Oct. 2023. Students and stafftook the 'Ekta Oath'.'Constitution Day' was celebrated on 26th Nov. 2023 and took the `Constitution Oath`. Faculty members participated in Mari Mati Mera Desh campaign in Enthusiasm on 9th August 2023. National Voters Days was celebrated on 25th Jan. 2024, all the Faculty, Students and staff took 'Voters Oath' and competitions namely poster making and Slogan competition were conducted for students. On 8th March 2024, 'International Woman's Day' was celebrated. The seminar was arranged on "Glamorous Life style and Health" delivered by Guest Dr. Saroj Bolde & Ratna Antrolikar Shah.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

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:

1. Title of the Practice:

"Incorporating Hackathons into Engineering Education: A Best Practice to foster innovations and enhance Problem-Solving Skills"

2. Objectives of the Practice:

- **To introduce engineering students to the concept of hackathons and the benefits.**
- **To develop strategies and recommendations for maximizing the benefits of hackathons including guidance on how to prepare for and participate in hackathons.**
- **To foster innovation, enhance problem-solving skills, and provide practical exposure to real world challenges.**
- **To build the soft skills amongst the students.**

Best Practice 2:

1. Title of the Practice:

"Rendering consultancy services to the Society: A Best Practice for driving innovations, delivering expertise and empowering society".

2. Objective of the Practice:

- **Bridging the gap between academic research and industrial applications.**
- **Enhancing the professional skills of faculty through hands-on experience.**

- Strengthening industry-academia partnerships for mutual benefit.
- Contributing to local, regional, and national development through innovative solutions.

For more details refer the following documents:

https://drive.google.com/file/d/1VZ2nz96Nasy6plGzVWadzr8AmMg2gl45/view?usp=sharing

File Description	Documents
Best practices in the Institutional website	https://witsolapur.org/best-practices-2023-24/
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)

The institute has a well-established Industry-Institute Partnership Cell (IIPC) designed to foster collaboration with industries. Through this cell, various initiatives bridge the gap between academics and industry practices. Industry representatives are regularly invited to participate in academic bodies, enriching the curriculum with practical insights.

The institute actively undertakes industry-sponsored and collaborative research projects, along with testing and consultancy services that support industries in achieving qualitative excellence. These consultancy opportunities also involve students, enabling them to apply theoretical knowledge to real-world industry challenges and demands.

Currently, the institute has 32 active MOUs with various industries, providing students with valuable exposure through interactions, internships, and knowledge application. These partnerships facilitate long-term internships (3 to 6 months) for final-year students, helping them gain system proficiency and deliver industry-ready outputs from the outset.

In the previous year, 108 companies participated in campus recruitment drives, resulting in 377 job offers, with the highest package offered being Rs. 18.00 lakh per annum. These collaborations are instrumental in preparing students for successful careers while addressing industry requirements.

File Description	Documents
Appropriate link in the institutional website	https://witsolapur.org/wp-content/uploads/2025/01/7.3.1-Appropriate-link-in-the-institutional-website-1.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Walchand Institute of Technology, Solapur, has been granted Autonomous Status by the University Grants Commission (UGC), New Delhi, and Punyashlok Ahilyadevi Holkar Solapur University, Solapur, for 10 years starting A.Y. 2021-22. The institute is aligned to enhance academic excellence, industry collaboration, innovation, and R&D under autonomy.

Key initiatives include:

1. Flexible curriculum design addressing industry needs, credit transfer, MOOC integration, and curriculum gaps in POs/PSOs.
2. Curriculum reforms aligned with NEP 2020.
3. Ensuring 100% quality internships for final-year students.
4. Strengthening industry collaborations via MoUs, projects, internships, faculty training, and curriculum development.
5. Boosting incubation activities and achieving Host Institute (HI)/Business Incubator (BI) status under MSME.
6. Expanding sponsored research, securing funding, and enhancing the quality and quantity of research publications.
7. Faculty and staff upskilling programs.
8. Encouraging student participation in co-curricular activities like Smart India Hackathon, project competitions, and paper presentations.
9. Promoting self-learning via platforms like Springboard and TCS ION.
10. Advancing campus sustainability and smart initiatives.
11. Participating in quality surveys like NIRF and AICTE-CII.
12. Establishing collaborations with foreign universities for student and faculty exchange programs.