YEARLY STATUS REPORT - 2021-2022

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	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02172652700
• Alternate phone No.	02172653040
• 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`
• Mobile No:	`9834303876`
• IQAC e-mail ID	`iqac@witsolapur.org`
3.Website address (Web link of the AQAR (Previous Academic Year)	https://witsolapur.org/wp-content/uploads/2022/08/aqar-submitted-2020-21.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/wp-content/uploads/2023/07/7-Academic-calendar-21-22-I.pdf

5.Accreditation Details

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

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
Faculty	Seed Money for research	P..A.H. Solapur University, Solapur	11/07/2022	84000
Faculty	Seed Money for research	P.A.H. Solapur University, Solapur	11/07/2022	95000
Faculty	Seed Money for Research	P.A.H. Solapur University, Solapur	11/07/2022	100000
Faculty	Seed Money for Research	P.A.H. Solapur University, Solapur	11/07/2022	85000
Department	AICTE-ISTE Induction/ Refresher Program	ISTE	20/09/2021	93000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

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)

Imparting quality education with digital literacy though global eLearning platform Infosys Springboard. This contribution aims ? To empower student with digital learning, emerging technologies, and life skills ? To facilitate an access to Infosys Springboard micro site for the Institute. ? To encourage participation in Coding Challenges, Technology Quizzes and increase knowledge quotient. Infosys Springboard provides a holistic set of courses, developed in collaboration with world-leading digital educators like Coursera and Harvard Business Publishing. It is fully aligned with India's National Education Policy 2020. As an outcome- Institute has received "Star Achievers" award in 2021 for maximum learners and certifications on springboard platform. We are top in Maharashtra zone for having highest number of certifications completed by students. Total registered users are 2587 and potential users are 2399 (93% of all potential users) and Total number of certifications completed by users through Examination are 416.

To facilitate faculty create Learner centric MOOC(LCM) with an increased percentage of course e-content which can be used effectively by students. As an outcome of this practice, during AY 2021-22 ? 12 instructional strategies and 10 ICT tools are being used. ? 1000 videos are created by faculty members and uploaded on the institute's YouTube channel. ? As on date total no of videos created are 3953, no of subscribers are 41500 and views are 6,680,788. ? The study material deployed on institute Moodle for respective classes as a part of the teaching-learning process ? Approximately 25% of the course contents are delivered through LCM. 167 LCM (partial courses) are created on the institute's Moodle Server.

Encouraging and facilitating faculty for R&D - Faculty members shall carry out R&D activities through funded & collaborated research by applying to various govt. / non govt. funding schemes, sponsored projects and consultancy and shall publish their research in quality journals & conferences. Below is the outcome for AY 2021-22 ? Four proposals for SEED Money for Research are sanctioned by PAH Solapur University for a duration of 2 years. A total of Rs. 3.64 lacs are sanctioned under these four projects ? Total revenue of Rs. 31,88,244/- is generated through testing and consultancy in F.Y.

2021-22 ? 02 patents are granted and 02 patents are published by faculty members. 23 industry-collaborated research/consultancy projects were successfully completed. ? 76 quality research papers are published in various National, International Journals & Conferences by faculty members. ? One faculty member received an award for "Best Women Teaching Faculty (Engineering)" by ISTE (Maharashtra-Goa section).

Mandate various quality initiatives for ensuring quality for the various stakeholders Accordingly, in AY 2021-22 institute participated in 1. AICTE-CII Survey for 'Best Industry Linked Institute' 2. NIRF Ranking 3. Atal Ranking for Institute Innovative Achievements (ARIIA) 4. AICTE 'Lilavati Award' 5. India Today Survey 6. Applied for 'Best Knowledge Centre' to ISTE for Maharashtra-Goa Section As an outcome - ? Institute has been recognized in the Band "Performer" in 'Atal Ranking of Institutes on Innovation Achievements. ? Institute received an award of " Best Knowledge Centre" by ISTE (Maharashtra-Goa section).

To strengthen Project Based Learning , institute is making necessary efforts to make projects available which are of societal relevance and industry collaborated. Accordingly in A.Y. 2021-22 – ? During the year 23 industry collaborated projects were completed. ? A National level Synfig Studio 2D Animation Hackathon Contest - CG animation-synfig software base pre-hackathon contest- Animation presentation online in Google meet by IIT Bombay & FOSSEE was organized. 160 students participated in this event. ? A national level Technical symposium namely Acceleration-21 offering various competitions like Logo Quiz, Assembly Drawing Race, Workholics, CAT-MAT-ability for Mechanical Engineering students was organised. 126 students from various Engineering Colleges and from different regions participated in this competition. ? A national level Technical symposium containing various competitions like Ad Mac-Advertisement Making Competition, Programming Contest, Ideathon (presentation of Idea Implementation from given topics), E-Debate for students of Soft branches were organised. 246 students from various Engineering Colleges and from different regions participated in this competition. ? Internal SIH for Hardware & Software edition was organised. ? Competition on "Innovative Circuit Simulation Contest" was organised ? Distance Ready Engineer (D.R.E) Training Program in association with Tata Technologies Ltd. was conducted for the Mechanical Engg. T.Y. Students. 102 students participated out of them 76 were certified as 'Ready Engineers' As an Outcome some of the achievements are: • A total of four teams of our institute are winners at Smart India Hackathon (SIH)-2022 and received Rs. 1 Lakh each. Out of four winners, three are for the software edition and

One team for the hardware edition. • WIT Team is Winner at Toycathon 2022 Physical Edition organized by Ministry of Education, Ministry of Information and Broadcasting, Ministry of MSME, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of Textile, AICTE, MoE's Innovation Cell (Government of India). The team received a Cash prize of Rs. 25000, trophies and certificates. • WIT bagged First & Second Prize at RIT Hackathon. A National Level event organised by Rajarambapu Institute of Technology, Sangali, sponsored by Bharat Forge Kalyani • Second prize was bagged by the students of the Department of Electronics and Telecommunication in Ideathon 1.0 a University Level Project Competition organised by PAH Solapur University, Solapur in collaboration with the Ministry of MSME and Maharashtra State Innovation Society. • Institute ranked 2nd in "Top 10 Ready Engineer Colleges with Highest Certified Ready Engineers ("All India Level amongst 32 Institutes)".

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
All faculty shall continue creation of Videos and Learner centric MOOC (LCM)	**Approx. 25% curriculum is covered through LCM, @167 partial LCMs were deployed on institute MOODLE server. ? 1000 videos are created by faculty members and uploaded on institute YouTube channel. ` ? As on date Total number of videos uploaded is 3953. Number of subscribers are 41500 and Number of views are 6,680,788 for our YouTube channel. Total Views for this YouTube Channel, which constitute 70% Indian and 30% across the globe views.**
Innovations in Teaching-Learning shall be encouraged	**Innovations in Teaching-Learning process employing 15 instructional strategies & 10 ICT tools have improved student's learning. In this academic year, we have 07 publications in Education Technology. Thus we have 59 research publications in Education Technology to our**

	credit.
Inculcate life-long learning through self-learning using Coordinated Student Development (CSD) model.	Total 2590 users have registered on Infosys Springboard platform for 211 different courses. The total number of certifications completed by users through examination are 416. Institute has received "Star Achievers" award in 2021 for maximum learners and certifications on springboard platform. We are top in Maharashtra zone for having highest number of certifications completed by students. • Total 565 enrollments are made by students on NPTEL platform. Total 43 certifications are completed by students.
Enhance students' learning through PBL	23 industry collaborated projects are successfully completed by students.
Encourage students to participate in various Hackathon	To boost the participation in various Hackathons, an internal Hardware & Software Hackathon was organised. Students' participated in various Hackathon and bagged many prizes as follows- • Total four teams of our institute are winner at Smart India Hackathon (SIH)-2022 and received Rs. 1 Lakh each. Out of four winners three are for software edition and One team in hardware edition. • WIT's Team is Winner at Toycathon 2022 Physical Edition organized by Ministry of Education, Ministry of Information and Broadcasting, Ministry of MSME, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of Textile, AICTE, MoE's Innovation Cell

	(Government of India). Team received Cash prize of Rs. 25000, trophy and certificates. • WIT bagged First & Second Prize at RIT Hackathon. A National Level event organised by Rajarambapu Institute of Technology, Sangali, sponsored by Bharat Forge Kalyani • Second prize was bagged by students of ETC Department in Ideathon 1.0 a University Level Project Competition organised by PAH Solapur University, Solapur in collaboration with Ministry of MSME and Maharashtra State Innovation Society.
One hour everyday training and for employability enhancement of students shall be imparted for all SE, TE, BE students	Employability of students is enhanced resulting in overall improvement in placement. In the year 2021-22 total 60 companies visited campus for placement & 797 offers are received in these companies with a maximum package of Rs. 30 lacs p.a.
Training on Emerging Technologies in sync with Industry 4.0 shall be conducted	Distance Ready Engineer (D.R.E) Training Program in association with Tata Technologies ltd. was conducted for Mechanical Engg. T.Y. Students. 102 students were participated out of them 76 are certified as 'Ready Engineers'. Institute ranked 2nd in "Top 10 Ready Engineer Colleges with Highest Certified Ready Engineers ("All India Level amongst 32 Institutes)". • Atlas-Copco has given training to Mechanical Engineering students. @90 students are benefitted. • Various competitions like Ideathon, Innovative Circuit Simulation Contest", Project competition and National level

	technical symposiums Wi-Tech and Acceleration were organised.
Focus to enhance students' internship with stipend.	During the year 2021-22, total 1124 internships are completed by students out of which 48 were with stipend.
Facilitate to encourage faculty to acquire doctoral qualification	One faculty member is awarded Ph.D. degree • Eight faculty members have registered for award of Ph.D. degree • As on date 33 faculty members are having Doctorate Degree and 39 faculty members from different departments are pursuing Ph.D. at various universities.
Continuous up gradation of faculty competency by attending FDP/STTP/Training/Workshop/Seminar/ conferences to keep the pace with the industrial revolution shall be done.	Total 506 certifications are successfully completed by faculty members through 154 various FDP/Workshop/STTP/Seminar etc. • Faculty has enrolled for 101 various MOOC courses on NPTEL and Infosys Springboard platforms.
To increase the industry collaborations	Institute is collaborating with various industries/organizations with various fields like agriculture, health etc. During 2021-22, 06 new MOUs are signed and 3 MOUs are renewed. At present institute is having 29 active MOUs.
To encourage faculty to have more quality research publication	Faculty members have published 76 quality research publications in various national/international journals & conferences. ? A one faculty member is awarded for 'Best Paper' in the international conferences. ? Two patents are granted and two are published.
Faculty shall generate funds	04 Seed money research proposals

through various govt. / non govt. funding schemes, sponsored projects and consultancy	are sanctioned for Rs. 3.84 lacs by PAH Solapur University, Solapur. • Total revenue of Rs. 31,88,244/- is generated through testing and consultancy in F.Y. 2021-22.
To ensure the quality to the various stakeholders' institute shall participate in various Govt./non Govt. evaluation surveys to know the institute's relative position	Institute has participated in 1. AICTE-CII Survey for 'Best Industry Linked Institute' 2. NIRF Ranking 3. Atal Ranking for Institute Innovative Achievements (ARIIA) 4. AICTE 'Lilavati Award' 5. India Today Survey 6. Applied for 'Best Knowledge Centre' to ISTE for Maharashtra-Goa Section As an outcome - • Institute has recognized in the Band "Performer" in 'Atal Ranking of Institutes on Innovation Achievements' • Institute received an award of "Best Knowledge Centre" by ISTE (Maharashtra-Goa section).
To have Accreditations	NBA : NBA has extended the Accreditation by 1 year i.e. up to 30-06-2022 of four UG programmes Civil Engg., Electronics Engg., Electronics & Telecommunication Engg. and Mechanical Engg. For Further accreditation of these four UG programmes institute has submitted a compliance report with CAY 2021-22. The expert visit is scheduled on 28th August 2022. • NBA has granted accreditation for 3 years to two UG programmes namely Computer Sci. & Engineering & Information Technology. • Autonomy Under Autonomous status, institute has successfully conducted End Semester Examination in

	descriptive form for First Year UG & PG Students during the period 25th April 2022 to 6th May 2022. Now the assessment and marks entry is going on. The results are expected to be declared in the first week of July 2022.
Proposal for Variation in intake in UG Courses	It is decided to have variation in intake from A.Y. 2022-23 in the following UG courses and accordingly applied on AICTE portal for • Increase in intake of 1. Computer Science and Engineering from 120 to 180 and 2. Information Technology from 60 to 120. • Reduction in intake of Mechanical & Automation Engineering from 120 to 60. Both the increase in intake and Reduction in intake are approved by AICTE, State Govt. and P.A.H. Solapur University, Solapur.
To encourage entrepreneurship among students various activities on the themes of Inspiration, Motivation and Ideation, Validation and Concept Development, Business Model Development And Start-Up Development to be organised.	Activities were organised under Institute Innovation Cell 1. Expert talks and Motivational Sessions :18 2. Workshops : 3 3.Competitions like Ideathon, Innovational Ecosystem, Internal Smart India Hackathon, Innovative Projects : 08 4. One Bootcamp for Idea Generation

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	05/05/2023

14.Was the institutional data submitted to	Yes

AISHE ?	

- Year

Year	Date of Submission
2021-22	10/12/2022

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 enrol for University 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 P. A. H. Solapur University, Solapur has appointed WIT, Solapur as a RESOURCE (Robust Extensions for Spoken Tutorial project on Open-Source Software Usage for Recruitment, Community and Education) Center for promoting the Spoken Tutorial project supported by NMEICT, MHRD & IIT Bombay.

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.

Entry for the UG program is at First Year as well as the second year (diploma students).

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 Honours degree in 'Artificial Intelligence and Machine Learning' or 'Data Science'. Electronics and Telecommunication Engineering and Electronics and Computer Engineering students can take the Honours degree in 'The Internet of Things' or 'Artificial Intelligence and Machine Learning'.

The students can exit from the Honours 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:

In view of the NEP 2020, 'Institutional Restructuring and Consolidation', the Institute is accredited thrice by the National Board of Accreditation (NBA) and awarded A+ grade by NAAC in 2021. The institute was conferred with 'Autonomous Status' from the Academic year 2021-22.

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 32 Ph.D. holding faculty on the roll and 39 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 5-6 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. Four WIT teams won prizes of Rs. 1 lakh each in SIH 2022 and one team won a prize of Rs. 25000/- in Toycathon 2022 physical edition.

16.Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. ABC can be considered as an authentic reference to check the credit record of any student at any given point in time. Our institute has got autonomous status from year 2021-22. As this is our first year in autonomous status the ABC initiation has started. The institute has registered for ABC and as the initial stage student's portal registration is started. 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. Various skill based activities are conducted through workshops, seminars and events. MOOC courses through various platforms such as NPTEL, Edx

and Coursera 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 @3900 videos of 12 minutes average duration, which are published on institute's YouTube Channel.Nearly all faculty members took formal training in ET through various FDPs/MOOCs. Now, they are employing instructional strategies & ICT Tools during content delivery. 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.

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 Value(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 contributing

citizens for building an equitable, inclusive, and plural society as envisaged by our Constitution

- Creativity 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.

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

The Institute has begun integrating Indian Knowledge Systems (IKS) into its curriculum through the efforts of its student cells and the Institute's Cultural Committee. The Committee has incorporated Indian arts and culture by holding various festivals and traditional days. In fact, the Institute's students recently achieved third place at a classical Bharatnatyam dance competition organized by the University. Additionally, the Institute's Yoga Club has hosted several expert talks and workshops to highlight the benefits of yoga

and meditation for promoting daily well-being.

To mark the 8th International Yoga Day in 2022, the Institute organized a celebration on June 21st, inviting trainers Dr. Prakash Salunke and Mrs. Pratibha Pawar to guide faculty, students, and staff in various asanas, including Surya Namaskar, Tadasan, Pavan Muktasan, Kapal Bharti, and Pranayam. The Institute also participated in the "75 Crore Suryanamaskar" program organized by the Ministry of Ayush and the Government of India to mark the 75th anniversary of independence. All faculty, staff, and students participated in online Surya Namaskar for 21 days from January 8thto 28th2022.

The Institute has encouraged Sanskrit writing through its Institute Magazine Committee, which annually awards prizes to students for their best Sanskrit articles in categories such as interviews, travelogues, and book reviews. The Institute plans to establish a dedicated IKS Cell that will work in a mission-oriented manner to promote interdisciplinary research on all aspects of IKS, preserve and disseminate IKS for further research and societal applications, and actively engage in spreading the rich heritage of the country and traditional knowledge in fields such as arts and literature, agriculture, basic sciences, engineering and technology, architecture, management, and economics. The Institute also plans to train its faculty to deliver classroom instruction in both English and vernacular languages. A roadmap has been developed to create and promote student internships, faculty development programs, and research proposals for the next academic year, and to include IKS in faculty and student induction programs at the Institute.

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

Institute is following Outcome Based Curriculum since long. 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 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-

1. Multidisciplinary and a holistic education with focus on the intended outcomes
2. Conducting all curricular, co-curricular and extra-curricular activities in such a way that they contribute to program

outcomes and program specific outcomes
3. Emphasis on conceptual understanding rather than rote learning and learning-for-exams
4. Mandatory six month industrial internship for each student
5. Inclusion of a course 'Creativity and Design Thinking' in the curriculum to encourage creativity and innovation
6. Inclusion of courses 'Universal Human Values' and 'Environmental Science' and 'Democracy, Election and Good Governance' in the curriculum
7. Curriculum includes credit and audit courses\
8. Extensive use of technology in teaching and learning
9. 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 is practising 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 3900 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 @66% and 34% 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 during

content 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.

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:	**2472**

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**656**

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:	**493**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**286**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**162**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**157**
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	**42**
Total number of Classrooms and Seminar halls	

4.3	**667**
Total number of computers on campus for academic purposes	

4.4	**662**
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 Solapur, an Autonomous Institute from 2021-22, has currently 'First Year B. Tech.' with autonomy curriculum. The second, third year and Final year follow curriculum of P.A.H. Solapur University, Solapur. Both the curricula have good relevance to local, national, and global developmental needs.

WIT Solapur offers programs and curricula that follows AICTE model curriculum. WIT Solapur as well P.A. H. Solapur University have adapted 'Choice Based Credit System' (CBCS) for all programmes. Every programme has a separate Board of Studies (BoS), comprising of Senior faculty members, External domain experts, Industry Experts and Alumni who after deliberations, approve the curriculum of the course. The BoS and faculties of programme looks into the relevance and requirements of each course. The curriculum is revised to cater the Industry needs and market trends. POs, PSOs and the course objectives and outcomes are clearly defined in the curriculum. The targets and status achieved are presented and suggestions from stakeholders are given due consideration. The learning outcomes for each course are assessed suitably and it is ensured that program outcome targets are met.

The local needs can be understood at two levels, viz. Geographical needs of Solapur and Western part of Maharashtra State for Infrastructure development, and the needs nearest industrial belt of Pune & Mumbai having industries in Information Technology, Automobile Engineering, Mechanical Engineering and Automation.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	Nil

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

46

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

15

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	View File
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 integrates Cross-cutting issues relevant to Environment & Sustainability, Human Values and Professional Ethics through about 10 courses in the Curriculum and one 'Honors Degree' in 'Sustainable Engineering'. 'Induction program' for UG students develops awareness, sensitivity, and understanding of the self, and the society at large. The course of 'Universal Human Values' develops a holistic perspective towards life and profession and emphasizes 'value based living'. The course on 'Environmental studies' emphasizes on need pollution-free environment and the need of protecting & preserving natural resources such water bodies, forests etc. Courses on Economics, IPR, Sociology, Stress & Coping, Professional Ethics & Human Values cover different aspects of cross-cutting issues. Institute is keen on sensitizing 'Gender equity', by providing opportunities through various relevant activities to ladies staff and students. Fearless environment is well insured to women through CCTVs, Security personnel, and mentoring. Girl students have representation on various committees and activities. Special efforts are taken to enlighten on various 'Health issues in Ladies', 'Personal Health Care', 'Food and Nutrition', and 'Stress Management for Working Women', etc. Yoga & Health club, Gymnasium facilities are also provided. A special 'Internal complaint committee' for girls, ladies faculties, and staff takes into consideration their grievances if any.

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	No File Uploaded

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

2

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

208

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

1280

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 from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://witsolapur.org/wp-content/uploads/2023/07/Feedback-on-the-syllabus_Report_final.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	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://witsolapur.org/wp-content/uploads/2023/07/Feedback-on-the-syllabus_Report_final.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

676

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)

231

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 till they become advanced learner:

- **Make-up Classes, Remedial/Revision classes/lab sessions**

- **More 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 IEI, CSI, ISTE, ED Cell and ISHRAE 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	View File
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
23/12/2022	**2473**	**162**

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:

Student-Centered Teaching-Learning focuses on the needs, abilities, interests, and learning styles of the students. Institute encourages innovations in Teaching-Learning (T-L). Blended T-L is our practice. Our teachers employ various innovations in teaching-learning process to improve students' learning with several student centric methods. At the commencement of the semester, teachers plan appropriate student centric methods for content delivery.

Some of the strategies employed by faculty members during their content delivery are: Participative Learning methods employed are Gamification, Treasure Hunt, Story Telling, Role Play, Jigsaws, Visualization (Animation, Simulation, and Live Coding etc.), Flipped Classroom, Think-Pair-Share, Team-Pair-Solo, etc, Pair Programming, Peer Instruction. Problem/Project Based Learning (PBL) includes open ended quizzes, competitive and collaborative learning to design and

develop solutions to given problem statements. Experiential learning is practiced through hands-on sessions, industrial/vocational training, Hackathons, Mini-projects, Virtual-labs to build fundamentals and core competency. At institute level on an average 15 instructional strategies are employed in every semester leading to enhancement in student's learning. As an outcome we have 04 research publication in education technology.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://drive.google.com/file/d/1kbL9529Kgxc YBYQUVG-CWHzpr9QEipnw/view?usp=sharing

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

Nearly all faculty members took formal training in Education Technology (ET). They are employing instructional strategies & ICT Tools such as Socrative, Kahoot, Model Sim, Selenium, Logic Sim, Weka, Parsing emulator, JFLAP, Visualization Tutor, Tableau, Simulation tools etc. during content delivery and assessment.

Thus, the conventional teaching-learning (T-L) process is strengthened by blending ET practices. They are using own created e-contents as well as available resources such as NPTEL, Vlab, Spoken Tutorial, other MOOCs to supplement the content of curriculum and beyond. In addition to conventional ways of assessment, different ICT tools are employed for effectiveness and immediate feedback on content delivery.

Both faculty and students are registered on two MOODLE servers that are remotely accessible. The MOODLE platform is successfully used for tasks such as publishing courses and their assessments, receiving feedback on T-L process, and enhancing employability.

All programming languages are efficiently employed in MOODLE's Virtual Programming Lab (VPL), which is advantageous to both instructors and students. For a variety of courses, virtual lab experiments are utilised to carry out laboratory experiments virtually utilising animation or simulation. Every semester, an average of 10 ICT tools are used in T-L to improve student learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://drive.google.com/file/d/1-W0k9VFY_94yXpJUkl4BquxDd5Tr16aR/view?usp=sharing
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

128

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 vivavoce 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 analysed 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

162

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

36

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)

1873

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

18

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

11

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	**No File Uploaded**

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 etc. 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 curriculums 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	**No File Uploaded**
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 on the 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 is a 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 proportion of 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 Outcome Survey 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

655	

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/file/d/1nXYXgPC_Gxl PNpBpY2PQ9qGJ40gN3wKv/view?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/2023/05/student-satisfaction-survey-2021-22.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 is having subscription of 83 journals (hard copies) & 647 journals (e-copies). We have 1428 Delnet ebooks also. We are also having membership of e-ShodhSindhu.

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

The institute is in a process of getting subscription/membership of Shodhganga also.

Remote access to e-resources through Knimbus:m-Library was made available to students & faculty members during the COVID-19 period.

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

Appropriate funding to 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 Intellectual Property Right Cell at the institute.

Institute promotes innovation & entrepreneurship related activities through Institution's Innovation Council setup at the institute.

Our institute is a recognized Ph. D. research centre 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.

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)

1.21

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	No File Uploaded

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

01

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)

2.76

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

05

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

16

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

05

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	[https://su.digitaluniversity.ac/,](https://su.digitaluniversity.ac/) http://www.sus.ac.in/
Any additional information	[View File](#)

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). Fifteen trained faculty members are working as Innovation Ambassadors.

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 agreed to mentor 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 also registering their startups during their graduation.

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

33

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	A. All 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

16

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	View File

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

17

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

32

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1UBfAbso7znNxc_5vDmYfzMOT3Bt-pmAh/view?usp=sharing

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

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

15

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)

17.73

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

2.97

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. Swachha Bharat Abhiyan initiatives inculcate habits involving importance of cleanliness in the stakeholders of society including school children, villagers & local body representatives. In collaboration with SMC, Solapur and Kirloskar Vasundhara, students conducted different activities in nearby villages and also planted different sapling under tree plantation drives.

To educate voting rights and importance of participating in the

electoral process students conducted various programs like new voter registration drives, street plays to create voting awareness among stake holders to encourage them for the active participation in the election process to build transparent democratic nation. Students spread awareness about blood donation 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. In these activities more than 100 students participated which helped them to build confidence and leadership skills.

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

37

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)

18

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

1920

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

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

34

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)

18

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 20081sq.m., against AICTE-requirement of 10387sq.m. Instructional area is 14309sq.m. (AICTE-requirement: 7604sq.m). Central library is of 1457.65sq.m area, against AICTE-requirement of 566 sq.m. and workshop of 627sq.m. against AICTE-requirement of 400 sq.m. Against

AICTE-requirement of 33 classrooms, we have 40 classrooms (Total area: 3084.05sq.m.) All are well-ventilated and well-equipped (LCD projector, laptops, speakers, and internet connectivity). 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 338 sq.m. against requirement of 300sq.m. Total 800 computers and 40 printers available, against AICTE-requirement of 400 and 20 respectively. Six servers, sixty manageable, seven POE manageable switches, thirty-four Wi-Fi Access points, Sophas-XGS 3300 Firewall, 750 Mbps Internet bandwidth, fifty-five application and six system software are available. Two ICT-enabled Seminar halls, with area of 526.21sq.m. against AICTE-requirement of 01 hall of area 132sq.m are available. Institute established e-Learning Centre for e-content generation, which are uploaded on Institute YouTube Channel. MOODLE is used as LMS. @10 ICT tools are used for content delivery and assessment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1mzieKU0D3oz-3oHdLkHo7U48stNZ2xS8/view?usp=share_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	https://drive.google.com/file/d/1neANpmagAi_5OM_GaSXwrWH8uHUUHaeO/view?usp=share_link

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)

16594205

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)

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

The library has an Online Public Access Catalogue (OPAC) is accessible in campus. Faculty members and students can access it by giving author and title details.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/19kyApZ9NQtE jHg08ClBJ6FUhEs4RHXqG/view?usp=share_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)

22,35,400.00

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

125

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

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 fifty-six L2 and four L3 manageable switches. Laboratory wise Virtual LANs are created. Total six servers are active including LDAP, MOODLE, Bodhi-Tree 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 750 Mbps from 500Mbps 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 800 out of which 90 are recently added. Annual cost incurred on up-gradation is @30lakhs.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2436	667

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	Nil
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)

594.46

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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/1aYQ02weL9uo7ckwaVK0ZdjdG3hFdZinZ/view?usp=share_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

1799

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

82

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/2023/05/Capacity-Building-and-Skills-Enhancement-.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

456

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

429

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

10

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

27

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

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, A Road Safety Awareness Programme etc.

Involving students in various administrative bodies 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

34

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.

Every year alumni meets are organized. This year two alumni meets were organized. Alumni from the Mechanical Department met in Pune on 6th April 2022 and alumni of the batch 1991 to 1996 from Civil Engineering department met on 5th June, 2022, at Walchand Institute of Technology Solapur.

This year more than 106 alumni contributed to curriculum updates and quality assessment of various administrative activities like their representation in IQAC, DAB, BOS bodies. They also share their knowledge and skills through expert talks, guidance for project work and training to students on emerging technologies, webinars. They also give collaborative projects with the industries they work in.

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	E. <2 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 Institute 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 with their corresponding activities to be organized.

A global exposure is extended to students through offerings of training in emerging areas. Students completed certifications: 121 from Coursera, 55 from NPTEL and 480 from Infosys Springboard. Two Hackathons(hardware and software edition) were organized by providing students necessary mentoring and required facilities. Faculty members completed 152 certifications through FDPs/Seminars/Workshops/industry trainings to build competencies and Students underwent 74 trainings.

To generate Doctoral Engineers & promote research, a concentration was directed to generate 83 publications, out of which 37 are UGC/Scopus/WOS/SCI indexed. Leadership was established by involving student participation in campaigning and compering for events such as 2 symposiums, 6 project competitions, 1 programming contests and 14 entrepreneurial activities. 32 activities were organized under professional student chapter.

Modernization was enforced using virtual labs, creating 801 videos,

online submissions and assignments using MOODLE, Google Classroom and Project based learning. 04 workshops w.r.t. automation were organized.

19 industry collaborated projects and 17 extension activities were organized for the growth of society.

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

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

Participative management is exhibited by @39% of faculty members in statutory bodies and committees at the institute. Faculty member's work is various capacities independently to organize curricular, co-curricular and extracurricular activities with adequate student representations. Professional Society student' chapters have faculty advisor as their head and has a well formulated structure consisting of committee and event coordinators. They have well set decentralized policies followed for implementation of activities. They plan, organize and budget with financial liberty stipulated by institution.

The Computer Society of India (CSI) organized a total of 8 activities that included a Hackathon, Programming contests, Workshops and Project competitions in 2021-22 @ 54% students participated. This chapter was awarded best accredited student branch in period 2016-2019 and Best Coordinator for 2016-17.

Indian Society for Technical Education (ISTE) organized 4 events involving Team building & communication, Ideathon and Assembly drawing competition. @ 24% students participated in ISTE chapter was awarded Best Student Chapter in 2016-17 and Best women Teaching faculty award in 2021-22.

Institute of Engineers, India (IEI) organized 20 events including webinars and Panel discussions. @ 22% students from the institute participated. This chapter offers scholarships to needy students and is one of the best chapters in Maharashtra.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

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 Highschool-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 process, 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	Nil
Upload any additional information	View File

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.

Institute started functioning under Autonomous status since AY 2021-22. Functioning of the Institute is well structured and monitored by the Governing body, an apex body headed by trust Chairman and Principal is secretary. Deans of various domains & College Development Committee assist the Principal in executing various activities of the 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 are two verticals; lead by Registrar & Finance Officer respectively and has well defined structure.

Governance is monitored through various statutory bodies/committees, formed as per the norms. Academic Council supports the Principal in executing allied activities. Library is the independent entity looked after by library committee headed by faculty and coordinated by 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, Delegation of Financial Powers, etc. are transparent, being well disseminated on 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	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) 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 adapted 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	View File
Paste link for additional information	Nil

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

12

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

8

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.)

63

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)

7

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

Response:

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 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 minimise 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:

It was decided to continue inculcation of life-long learning skills through self learning using Coordinated Student Development model. Students successfully completed certifications Infosys-Springboard NPTEL and Coursera platforms.

As an outcome, institute has received "Star Achievers" award in 2021 for maximum learners and certifications on springboard platform. We are top in Maharashtra zone for having highest number of certifications completed by students. Total registered faculty and students are 2329. Total number of course completion number is 7409 and number of certifications are 480.

In the same meeting of IQAC, it is recommended that 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.

As an outcome, this year

- Five proposals out of 19, received grants from PAH Solapur University Solapur.
- 89 quality research publications
- 19 collaborated projects completed
- Total revenue of Rs. 31,88,244/- is generated through testing and consultancy.

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 & external audit.

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

1. Quality Initiate 1: Project Based Learning (PBL)

It was observed that the use of PBL would enhance the T-L Process.

With discussions during IQAC meeting it was decided to focus the efforts on PBL at Institute level to elevate the overall potential

capabilities of the students.

Outcomes:

? Enhanced exposure of students to multidisciplinary approach.

? Increased/improved contribution of the students in National/International events/ competitions.

? Students with higher employability in the emerging thrust areas.

2. Quality Initiate 2: Improvement in Quality of Assignments:

The need was realised to increase the Taxonomy Levels to higher once to analysis and apply and beyond.

Through continuous efforts in view of accreditation, IQAC has been keen on promoting and providing guidelines towards elevating the quality standards of assignments at the institute level.

Outcomes:

? Improved knowledge levels of students to cope up with the practical requirements.

? Enhanced competitiveness of the students due to higher taxonomy levels in handling the assignments.

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	**Nil**
Upload e-copies of accreditations and certification	<u>View File</u>
Upload details of quality assurance initiatives of the institution	<u>View File</u>
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

Institute is well aware that Gender equalityis not only a fundamental human right, but a necessary foundation for peaceful and sustainable world. Without gender equity, the nation cannot progress. Keeping this in mind, the following initiatives have been taken for attainment of gender equity:

- **To provide an equal opportunity to women in all areas in order to have their own policies: Overall 27% of employees are ladies. @21% of employees who are in administration are ladies.**
- **To undertake activities for the development of women and provide necessary facilities and security:. Facilities like common rooms with first aid kit, sanitary napkin vending & incinerator machines are provided. A separate girl's cell organizes activities for girls and provides counseling on personal hygiene. This year, activities on skin care, breast cancer, health issues, webinars and eye donation awareness have been conducted. The Institute has constituted a Women's grievance redressal cell to address the issues of girls and women.**
- **Encourage participation of all students equally in curricular, co-curricular & extra-curricular activities: Overall 51% of participants in various activities are girls.**
- **Motivate women for higher education and research: @5% of lady faculty members completed Ph.D. and 7% are pursuing.**

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	**B. Any 3 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)

All types of wastes are measured/ weighed as per their technical criteria. Solid biodegradable waste generated in college campus and college canteen is recycled in 'Vermicomposting Unit'. This is the most successful project and large quantities of high quality vermi compost have been produced for use within the campus. Garbage consists of Garden / Horticultural waste, Mess/ Canteen, Paper. Average quantity of vermicompost produced is 2000 kg/year. E- Waste produced from various departments are segregated and sent to E-waste recycling. Rubbish produced from the Institute is outsourced to Municipal Corporation, Solapur.

Waste water namely Grey water generated from Boys Hostel (mainly bathroom wastewater) and guest house is treated using anaerobic wastewater Treatment plant. An anaerobic filter is a fixed-bed biological reactor with one or more filtration chambers in series. As waste water passes through the filter, particles are trapped and organic matter is degraded by the active biomass which is attached to the surface of the filter material. Treated water is used for secondary usage like gardening purposes.

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

B. Any 3 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**	**A. Any 4 or all 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	[View File](#)
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).

Institute always takes efforts to provide an inclusive environment for students and staff to facilitate development of tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Institute celebrates the different festivals with joy and enthusiasm. Various activities are organized through NSS such as expert lectures on women health,Yoga, environmental issues, Marathi Bhasha Samvardhan Pandharwada, etc.Students are encouraged to write articles and participate in competitions in different regional languages. Mandatory course on Environment Science is added in curriculum. Institute render service to society by providing counseling for Engineering aspirants, through our PLC YouTube channel of educational videos, Testing and Consultancy, etc. In this pandemic, institute offered helping hand to society by providing financial aid through COVID relief fund, Hostel Campus for Quarantine centers. Institute has permitted students to pay admission fees in installment to support the parents to cope up with the COVID financial implications. Institute plays a role of a facilitator to help students to get scholarships through government and private agencies and organizations.

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. This year due to COVID-19 pandemic, the events were conducted in online mode. On the occasion of 'Constitution Day' and 'National Voter's Day', an awareness program was arranged through the NSS cell to educate about constitutional and voter rights. Many faculties attended online workshops on 'Universal Human Values' being organized by AICTE, New Delhi. 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' 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 behavior in classrooms, in various competitions, during team work, 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 organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	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 festivals are celebrated throughout the year. Independence Day is celebrated on 15th August 2021. `Gandhi Jayanti` and `Lal Bahadur Shastri Jayanti' is celebrated on 2nd October 2021. On this occasion students and staff took the `Swachhata Oath and few staff members participated in cleaning the college campus `Sardar Vallabhbhai Patel Jayanti' was celebrated on 31st Oct. 2021. Students and staff took the `Ekta Oath'. `Constitution Day' was celebrated on 26th November 2021 and took the `Constitution Oath`. In the month of Dec.-2021, Election Commissioner office Solapur and P.A.H. Solapur University, Solapur has organized online `Voter Registration Camp` and 365 students registered on the occasion of `National Voters Day'. `Netaji Subhash Chandra Bose Jayanti' was celebrated as Parakram Divas on 23rd Jan. 2022. National Republic Day is celebrated on 26th January 2022. Poster Making competition, Essay competition, Quiz competition, Animation competition on the occasion of "Azadi Ka Amrit Mohotsav" . Birthday of Marathi Poet V. V. Shirwadkar is celebrated as `Marathi Bhasha Gourav Din` on 27th February. 2022.On the occasion of International `Women's Day`, 8th March 2022 Mrs.Tejaswini Chandane is invited as guest. They shared their traveling experience from Solapur to Kashmir and Kashmir to Kanyakumari and to Solapur. "International Yoga Day`` was celebrated on 21st June 2022. This event included common yoga protocol and Yoga pratyakshik demonstrated by Yoga expert Mr. Prakash Salunke and Mrs. Pratibha Pawar.

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 hackathons and their benefits, develop strategies for maximizing hackathon benefits, foster innovation, enhance problem-solving skills, and provide practical exposure to real-world challenges and build soft skills.

Best Practice 2

1. Title of the Practice: Inculcating life-long learning through self-learning using Coordinated Student Development (CSD) model

2. Objectives of the Practice

- **To inculcate lifelong learning through a CSD model**
- **To facilitate an access to various global platforms**
- **To empower student with emerging technologies**

For more details refer the follwoing documents: https://drive.google .com/file/d/17u-fwhLdNdp1KNlw8jdJfS754AuYslsB/view

File Description	Documents
Best practices in the Institutional website	https://witsolapur.org/best-practices/
Any other relevant information	https://drive.google.com/file/d/17u-fwhLdNdp1KNlw8jdJfS754AuYslsB/view

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)

Mutually Beneficial Industry-Institute Collaboration: Institute has a well-structured Industry Institute Partnership Cell (IIPC) for engaging collaborative activities with Industry. Various activities conducted through this cell help to bridge the gap between academics and industry. Representatives from industries are invited on various academic bodies. The institute continues to undertake industry sponsored/collaborated research projects.

The institute has various active MOUs with various industries. Institute has received a research grant of 4000USD from ASHRAE. Institute is recipient of certificate of excellence from Infosys. Institute is ranked as a top performer by Tata Technologies as part of their "Industry Ready Engineer program".

Industries are offering long duration internships (2 to 3 months) during final year final semester. This is helping students to become system conversant & deliver early output to industry. Total 53 companies visited campus for recruitment drives and students have received 772 job offers with highest package of Rs. 14 Lakh.

File Description	Documents
Appropriate link in the institutional website	https://witsolapur.org/wp-content/uploads/2023/07/Distictiveness.pdf
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

An Autonomous Status is conferred on Walchand Institute ofTechnology, Solapur for 10 years from A.Y. 2021-22 by University Grants Commission, New Delhi (UGC) and Punyashlok Ahilyadevi Holkar Solapur University, Solapur Solapur. Accordingly, the entire system for autonomy is geared for Examination, Academic, industry

collaborations, Innovation and R&D etc. Following is the action plan:

- Bringing more flexibility in design and offering of curriculum to incorporate courses/ skill requirement as per industry need along with facilitation of credit transfer

- Setting Collaborations with foreign universities for possible student and faculty exchange

- Strengthening collaborations with industry through the activities like project, internship and curriculum development

- Strengthening incubation activities and getting 'Host Institute (HI)/Business Incubator (BI) of MSME

- Strengthening the sponsored research and seeking funding from government and non government organizations. Also improving quality and quantity of the faculty / student research publications

- Continue to undertake various programs for up-gradation
- in qualification and enhancement of competencies of faculty, Nonteaching staff

- Increasing students participation in various co-curricular activities like Smart India Hackathon (SIH), Project Competitions, Paper presentation, etc

- Nurturing self-learning ability of the students by facilitation to enroll for various courses available on the platforms like Springboard

- Efforts to make the campus Smarter and Greener

- Continue to participate in various quality evaluation surveys like NIRF, AICTECII Survey for Industry Linkages, Times of India survey, etc.