YEARLY STATUS REPORT - 2022-2023

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   02172653040

- Alternate phone No.   02172652700

- Mobile No. (Principal)   9356993992

- Registered e-mail ID (Principal)   principal@witsolapur.org

- Address   Seth Walchand Hirachand Marg, Ashok Chowk

- City/Town   Solapur

- State/UT   Maharashtra

- Pin Code   413006

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy)   12/03/2021

- Type of Institution   Co-education

- Location   Urban

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr. Sachin Ratikant Gengaje**

- Phone No.   **02172652700**

- Mobile No: **9028874000**

- IQAC e-mail ID   **iqac@witsolapur.org**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://witsolapur.org/wp-content/uploads/2023/07/AQAR-Submitted-2021-22.pdf

4.Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://witsolapur.org/academic-calendar/

5.Accreditation Details

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

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

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Faculty	**Organizing Conference**	**Punyashlok Ahilyadevi Solapur University, Solapur**	**24/01/2023**	**20000**

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   Yes
  compliance to the decisions taken
  uploaded on the institutional website?

- If No, please upload the minutes of the   No File Uploaded
  meeting(s) and Action Taken Report

10.Did IQAC receive funding from any   No
funding agency to support its activities during
the year?

- If yes, mention the amount

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

1. Imparting quality education with digital literacy through the global eLearning platform Infosys Springboard. WIT, Solapur is awarded as the Top institute in Maharashtra for having the highest certifications and the Second Top in Maharashtra for course completion on Infosys Springboard platform. In the academic year 2022-23, approximately 776 students, along with 27 faculty members, were successfully on boarded onto the Infosys Springboard. ? 8 faculty members have been trained by Infosys through the Faculty Enablement Program (FEP) and 6 faculty members have completed Google Certifications in association with Coursera in the domain of Google Project Management and Google Finance Data Analytics Professional. ? 18 Students have completed Internship and 12 Students have completed Google Certifications offered by Infosys in various domains. ? As of today students have completed 563 certifications in various domains like Python Foundation Certification, Artificial Intelligence Primer Certification, Java Developer

2. 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. During the academic year 2022-23, • Faculty members have published ? 103 research papers. Out of them, 56 are published in Scopus Indexed/WOS/Springer journals. ? 02 Books and 05 Book Chapters ? 01 patent is granted and 03 are published • Two Faculties received an award at a research competition organized by P.A.H. Solapur University • 09 research proposals submitted to

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3. Implementation of NEP-2020 The NEP-2020 will be implemented from the academic year 2023-24. For effective implementation and creating awareness among stakeholders, the following are the activities conducted • Established NEP Implementation Cell. • A Webinar on "NEP Implementation in Autonomous OBE Environment" was organised. • The institute has started sensitizing all stakeholders on the effective implementation of the new curricular framework • A special meeting of the Academic Council is conducted on 22/07/2023 for the adoption of the NEP 2020 aligned curriculum • Poster Competition & Presentation, Essay Competition, Debate Competition & Slogan Competition, Quiz (in association with PAH Solapur University) was organised • Three Videos on the YouTube Channel of the institute

4. Incorporating Hackathons into Engineering Education: A Best Practice to foster innovations and enhance Problem-Solving Skills To boost the participation in various Hackathons, an internal Hardware & Software Hackathon various Idea generation, Design competitions were organized for students Students' have participated in various Hackathon, Project competitions and won prizes in 51 competitions. Some of them are as follows • Secured 1st Rank in Empower 5.0 Business Competitions at NITIE, Mumbai. • One team is winner in 'Ready Engineer- Magic Starup' program which is a seed fund & 7-month incubation program organised by Marthwada Accelerator for Growth and Incubation Council in collaboration with Tata Technologies. The team has received Seed funding of Rs. 1.05 lakh • Winner at 5.0 Social Entrepreneurship Challenge Avartan 2022. • Secured 1st prize at National Level Robo Race event organised by Indian Institute of Information Technology, Nagpur and 2nd Prize in robotics competition at IIT Raipur. • Won 2nd prize and received iPads worth 2 Lakhs in a design competition organized by Dassault Systems. • All India Rank 211 at Innovate India Coding Competition. • 2nd and 3rd prize at University Level Project Competition Avishkar 2023. • Rs. 1 Lakh Seed funding at MSME organized by PAHSUS, Solapur. Institute Won incubation services worth Rs 1 Lac by Uddyam PAHSUI Foundation Solapur.

5. To increase the industry collaborations Institute is collaborating with various industries/organizations for the Exchange of Technical Know-how, Research, and Technical and Financial support for projects, internships and placements. During 2022-23 • 04 new MOUs are signed and 4 MOUs are renewed. At present institute is

having 29 active MOUs. • In association of Tech Mantra, a workshop on 'Auto Desk Fusion 360' was organised for faculty members. • Students visited 12 industries • Students have undertaken 19 industry collaborated projects • 06 industries have provided mentorship support for the WIT-Incubation Centre • Total revenue of Rs. 38.42 lacs is generated through 34 testing and consultancy services in F.Y. 2022-23. • A total of 832 students have undertaken internships in various organizations, out of them 117 are with stipends. The maximum stipend received is Rs. 40,000/- p.m. and the average stipend received is Rs. 26,000/- p.m.

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
Inculcate life-long learning through self-learning using Coordinated Student Development (CSD) model.	WIT, Solapur is awarded as Top institute in Maharashtra for having highest number of certifications and Second Top in Maharashtra for course completion on Infosys Springboard platform. In the academic year 2022-23, ? approximately 776 students, along with 27 faculty members, were successfully on boarded onto the Infosys Springboard. ? 8 faculty members have been trained by Infosys through Faculty Enablement Program (FEP) and 6 faculty members have completed Google Certifications in association with Coursera in the domain of Google Project Management and Google Finance Data Analytics Professional. ? 18 Students have completed Internship and 12 Students have completed Google Certifications offered by Infosys in various domains. ? As of today students have completed 563 certifications in various domains like Python Foundation Certification, Artificial Intelligence Primer Certification, Java Developer Certification, and Associate in IT Foundation Skills (Python). A total 87 students have registered for 04 NPTEL courses and 55 Students got credit transfer through NPTEL Certification in the Third Year Part-I for Self-Learning (HSS) subject by PAHSUS, Solapur.
Enhance students' learning through PBL	Students have successfully completed 19 industry

	collaborated projects.
Implementation of NEP-2020 from the A.Y. 2023-24	NEP Implementation Cell is established,
Incorporating Hackathons into Engineering Education: A Best Practice to foster innovations and enhance Problem-Solving Skills	To boost the participation in various Hackathons, an internal Hardware & Software Hackathon various Idea generation, Design competitions were organized for students Students' have participated in various Hackathon, Project competitions and won prizes in 51 competitions. Some of them to mention are as follows • Secured 1st Rank in Empower 5.0 Business Competitions at NITIE, Mumbai. • One team is winner in 'Ready Engineer- Magic Starup' program which is a seed fund & 7-month incubation program organised by Marthwada Accelerator for Growth and Incubation Council in collaboration with Tata Technologies. The team has received Seed funding of Rs. 1.05 lakh • Winner at 5.0 Social Entrepreneurship Challenge Avartan 2022. • Secured 1st prize at National Level Robo Race event organised by Indian Institute of Information Technology, Nagpur and 2nd Prize in robotics competition at IIT Raipur. • Won 2nd prize and received iPads worth 2 Lakhs in a design competition organized by Dassault Systems. • All India Rank 211 at Innovate India Coding Competition. • 2nd and 3rd prize at University Level Project Competition Avishkar 2023. • Rs. 1 Lakh Seed funding at MSME organized by PAHSUS, Solapur on 4th Jan. 2022. • Won

	incubation services worth Rs 1 Lac by Uddyam PAHSUI Foundation Solapur.
To enhance the employability and Skill development of the students	To enhance the employability and Skill development of the students following activities were conducted • Sessions by 12 industry experts • Daily one hour in house training • 17 Seminars/Webinars/Workshops This has enhanced the employability of students resulting in overall improvement in placement. In the year 2022-23 total 80 companies visited campus for placement and 372 students are placed. The maximum package received is Rs. 12.50 lacs p.a. and Average Package Rs. 4.70 lacs
To encourage entrepreneurship among students various activities to be organised.	During the year 2022-23 09 Expert sessions and various competitions, Quizes, tests were conducted.
Focus to enhance students' internship with stipend	In the academic year 2022-23, 832 students have undertaken internships in various companies out of them 117 are with stipends. The maximum stipend received is Rs. 40,000/- p.m. and the average stipend received is Rs. 26,000/- p.m.
To increase the industry collaborations	Institute is collaborating with various industries/organizations for the Exchange of Technical Know-how, Research, and Technical and Financial support for projects, internships and placements. During 2022-23, 04 new MOUs are signed and 4 MOUs are renewed. At present institute is having 29 active MOUs. • In association of Tech Mantra, a workshop on 'Auto Desk

	Fusion 360' was organised for faculty members. • During this year to date, students visited 12 industries. • 06 industries have provided mentorship support for the WIT-Incubation Centre
Facilitate to encourage faculty to acquire doctoral qualification	As on date 34 faculty members are having Doctorate Degree and 32 faculty members from different departments are pursuing Ph.D. at various universities.
Skill up gradation of faculty by attending FDP/STTP/Training/ Workshop/ Seminar/ conferences to keep the pace with the industrial revolution shall be done.	During this year faculty members have attended 108 various FDPs, Workshops, Seminars & conferences.
To increase Research & Development activities	During 2022-23, • During this year, faculty members have published ? 103 research papers. Out of them, 56 are published in Scopus Indexed/WOS/Springer journals. ? 02 Books and 05 Book Chapters ? 01 patent is granted and 03 are published • Two Faculties received award at research competition organized by P.A.H. Solapur University • 09 research proposals submitted to P.A.H.Solapur University for Seed Funding. • 04 research proposals sanctioned in 2021-22 are continued for second year. • One faculty translated a book on Workshop and Manufacturing Processes in regional language Marathi for First Year Engineering students.
Feedback from stake holders	A comprehensive feedback from students and faculty on Course Curriculum for the year 2022-23 is collected and analyzed.

	Corrective actions are measured and implemented for Academic year 2023-24.
Faculty shall generate funds through various govt. / non govt. funding schemes, sponsored projects and consultancy	The second installment of Rs. 106,500/- was received from PAH Solapur University, Solapur of seed money research proposals sanctioned in 2021-22 for 2 years • Total revenue of Rs. 38.42 lacs is generated through 34 testing and consultancy services in F.Y. 2022-23.
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	In the year 2022-23 Institute has participated in a) NIRF Ranking b) Atal Ranking for Institute Innovative Achievements (ARIIA) c) India Today Survey
Accreditation	NBA has granted accreditation to UG programmes Electronics Engineering, Electronics & Telecommunication Engineering, Civil Engineering and Mechanical engineering for 3 years i.e. up to 30 June, 2025.
Faculty shall continue the creation of • Learner Centric MOOC (LCM) using newly created and earlier videos • Videos of average duration of 12 minutes towards course contents for the courses.	During 2022-23 • @25% curriculum is covered through LCM, @167 partial LCMs were deployed on institute MOODLE server. • 125 videos are created by faculty members and uploaded on institute YouTube channel. • As on date, a total of 4264 videos are uploaded on the institute's YouTube channel. There are 43700 subscribers and 72,16,151 are the total views for this YouTube Channel.
Faculty members shall implement at least one Innovative Teaching Learning Practice per semester	During the Year 2022-23 In Semester-I, 15 Instruction Strategies and 10 ICT tools are employed and in Semester -II 12 instructional Strategies and 10

	ICT tools are employed.

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	21/02/2024

14.Was the institutional data submitted to AISHE ?   Yes

- Year

Part A

Data of the Institution

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• Designation	Principal
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• Type of Institution	Co-education
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• Phone No.	**02172652700**
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
College Development Committee	21/02/2024

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
2022-23	16/02/2024

15.Multidisciplinary / interdisciplinary

The vision of the Institute is to produce young globally competent graduates, postgraduates/ doctoral engineers with an aptitude for leadership and research to face the challenges of modernization and globalization courageously, who will be instrumental for the overall growth of society.

The institute has developed an approach towards the integration of Humanities and Social Sciences (HSS) with Science, Technology, Engineering, and Mathematics (STEM). The curriculum of all UG program offers courses from HSS viz. Introduction to Sociology, Professional Ethics and Human Values, Economics, Intellectual Property Rights for Technology Development and Management, Stress and Coping, which are evaluated through End-semester evaluation.

Also, students can select and enroll for 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 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 34 Ph.D. holding faculty on the roll and 32 faculty members are pursuing Ph.D.

In view of bringing 'Equity and Inclusion in Higher Education', the meritorious students of the institute are provided with

scholarships through 'Bhausaheb Gandhi Foundation' of the Institute and other organizations. Bank loans are availed by the meritorious students admitted to the institute.

In view of Catalyzing Quality Academic Research in all Fields through a New National Research Foundation, The institute has formed Institution Innovation Council to create a vibrant local innovation ecosystem. Start-up supporting Mechanism in Institute, Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.

In the last few years Smart India Hackathons have become the biggest platform for solving the challenges of our country. WIT Solapur students have been regularly participating in these competitions.

- In 'Smart India Hackathon 2023', total 5 teams were selected for grand finale out of them one team won a prize of Rs. 1 lac. And another team received an appreciation Trophy in an idea pitching competition. one team won a prize of Rs. 1 lakh in REFCOLD India Hackathon.
- One student won Rs. 12.5 lakhs in MSME 3.0 Women's Idea Innovation Contest
- Four Teams won prizes of Rs. 1 lakh each in Maharashtra Student Innovation Challenge.
- Our students have received Rs. 50,000/- each from Tata Magic REMS Funding for two projects and Rs. 40,000/- for a project under Bharat Cycle Design Challenge (BCDC) organized by AICTE.

16.Academic bank of credits (ABC):

Our institute has got autonomous status from year 2021-22. As this is our Second year in autonomous status the ABC initiation has started. The NAD Portal registration is completed. The institute has registered for ABC and as the initial stage student's portal registration is started for First Year, Second Year and Third Year UG course students. The Final Year student's have already registered for ABC under PAH Solapur University, Solapur. 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 NPTEL, Edx and Coursera platforms are conducted. To strengthen Conventional Teaching-Learning (T-L) process through blending Education Technology (ET) practices for active learning and to facilitate disruptive innovations in T-L process, we have established Professional Learning Community (PLC) in 2015-16. PLC focuses on e-content creation, continuous use of instructional strategies & ICT tools during course delivery, use of learning management system (LMS): MOODLE for publishing courses, Assessment and Feedback etc. For creating contents in the form of videos, we have established recording studio titled 'E-Learning Centre'.As on date, we have created @3000 videos of 12 minutes average duration, which are published on institute's YouTube Channel. Overall at institute level, on an average 15 instructional strategies & 10 ICT tools are employed in T-L process, leading to enhancement in student's learning while making T-L process a joyous experience. These blended T-L process is benefitting both students as well as faculty members to a great extent heralding the dawn of disruptive innovation in T-L process. This inculcation of blended T-L under PLC resulted into smoothly shifting overnight from physical classroom to an online mode of teaching during COVID-19 pandemic. Nearly all faculty members took formal training in ET through various FDPs/MOOCs.Now, they are employing instructional strategies & ICT Tools during content delivery. Various instructional strategies and ICT tools are used by teachers to make effective teaching and to engage learners. Some of instructional strategies & ICT Tools used are: *ICT Tools:*

17.Skill development:

Workforce, Lifelong learning and Information Management, Ethics, morals and professionalism, Leadership skills & personality of the students by making them "Industry ready". Focused programs including training, expert talks, and competitions are conducted regularly.

Industry experts are invited to these events. The experts give feedback and suggestions to the students for their improvements.

Institute has designed add-on programs on soft skills & aptitude as per the industry requirements.

Universal Human Values (UHV) has been introduced for 3 Credits in

Third Semester for all UG programmes. The course develops a holistic perspective towards life & profession, emphasizes 'value-based living' and highlights ethical human conduct, trustful and mutually fulfilling human behaviour, and mutually enriching interaction with Nature.

'Democracy, Elections & Good Governance' is introduced as a mandatory course. The rationale of the study is to make the pupils aware of the importance of democracy. This module also aims to make the individual understand the different aspects of democracy and its implications for the overall development of the state.

A Three-week Induction program for First-year Students :

This Program aims at producing engaged, productive, and 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.

The institute encourages students to complete the skill based certificate courses on different on-line platforms made available by technology companies like Infosys (Infosys Springboard) and TXC (TCS iON). Many students have registered and completed these courses which has benefited them for the placement.

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

The institute has taken significant strides in integrating the Indian Knowledge System (IKS) into its curriculum and extracurricular activities. Teaching in Indian languages and incorporating Indian culture into online courses has been initiated by the affiliating University and followed diligently by the institute.

Efforts to integrate IKS have been spearheaded through student cells and the Institute Cultural Committee. Various events such as traditional festivals, art exhibitions showcasing Indian architecture, and performances like flute playing at university youth festivals have received appreciation. Additionally, the Institute Yoga Club has organized expert talks, workshops, and celebrations for occasions like International Yoga Day, promoting the importance of yoga and meditation for overall well-being.

Encouraging Sanskrit writing through the Institute Magazine Committee has been a recurring effort, with annual awards for the best Sanskrit articles. Plans are underway to establish a dedicated IKS Cell, focusing on interdisciplinary research, preservation, dissemination, and promotion of traditional knowledge across various fields.

To further enhance student involvement, the institute plans to integrate IKS into induction programs and offer bilingual classroom delivery. Two faculty members have undergone IKS FDP training at the Nasik city. Moreover, student internships and research proposals under the IKS Competitive Research Proposal Program have been submitted for funding, aiming to advance research and application of Indian knowledge systems.

In summary, the institute's journey towards integrating IKS into its academic and cultural fabric is characterized by a multifaceted approach that engages students in experiential learning, celebrates India's diversity, and promotes holistic development. Through these endeavors, the institute seeks to nurture a deeper understanding and appreciation of India's rich heritage among its students and faculty members.

Recent Accomplishments

1.   Two faculty members underwent FDP training.

2.   Introduction sessions on Sanskrit and traditional arts for faculty and students.

3.   One-week yoga training for students.

4.   Submission of research proposal for funding under the Bharatiya Gyan Sanvardhan Yojana IKS Competitive Research Proposal Program.

5.   Inclusion of IKS in student induction programs.

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

Institute is following Outcome Based Curriculum and practices for more than a decade which comprises of OBE based planning, execution, assessment and evaluation for curricular, co-curricular and extra-curricular activities.

The syllabus has provisions for below types of courses

1.   Professional core

2.   Humanities and social sciences

3.   Finance and management

4.   Basic sciences

5.   Computer programming

6.   Professional electives

7.   Open electives

Given below is the process followed in designing the OBE syllabus

1. Taking the bird's eye view to decide the overall knowledge and skill competencies of the graduate with due consideration for Programme Educational Objectives, Program Outcomes (POs), Programme Specific Outcomes (PSOs) and overall requirements by industry and society

2.   Deciding the courses to be included in the syllabus

3.   Deciding the outcomes expected for each course (COs)

4.   Deciding the course objectives meet the required course outcomes

5.   Drafting the syllabus content to achieve the intended course outcomes

The syllabus for each course includes below -

1.   Prerequisite knowledge and skill

2.   A brief introduction to the course

3.   Course Objectives

4.   Course Outcomes

5.   Detailed course contents

6.   Details for in-semester and end-semester assessment

7.   Books and references

The courses are delivered (theory, labs and other activities) keeping the Course Outcomes in view. Various delivery methods like chalk and talk, power point presentation, simulation, case study project-based learning etc are used by the teachers depending upon the nature of the course content. All the internal assessment tests, assignments, tutorials and other activities are mapped to Course Outcomes and Bloom's Taxonomy Levels. The evaluation follows every assessment activity critically appraising for the targeted outcomes. Course Outcomes are assessed at every semester after the declaration of the end-semester examination. Programme Outcomes and Programme Specific Outcomes (PSOs) are assessed every year. A detailed evolution by faculty members follows the assessment. The consolidated results of the assessment and evaluation of the different outcomes are presented in the Departmental Advisory Board (DAB) meeting to invite suggestions for different aspects of the curriculum, teaching-learning process and assessment, which are used for fine-tuning these systems for the next academic cycle.

Institute follows below good practices pertaining to the Outcome based education (OBE) in view of NEP 2020-

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 practices innovations where students can learn anywhere, anytime, many times. This includes e-content generation and at the e-Learning Center and offering it to students,

implementation of Learner Centric MOOCS (LCM), and Blended teaching- learning Process while employing ICT Tools & instructional strategies. For this purpose, the institute has set two MOODLE servers, which is accessible to all students and faculty from outside campus too. This platform is effectively used for deploying LCM, Feedback on T-L process, Training & Placement activities etc.

For generating quality course e-content, we have established a recording studio titled 'E-Learning Centre' at our institute. The e- learning centre has the facility of lecture capturing and live lecture streaming. Continuously every semester, faculties are adding videos in a phased manner. As of date, total 4264 videos are created and uploaded on institute YouTube channel. (https://www.youtube.com/channel/UCb9okJF6NGPDUGgAQxu3TcA). These videos are found useful across the globe. Indian Viewers are @70% and 30% are across the globe. Viewers across the globe are on the rise.

Every faculty member creates at least one LCM partial using created videos on the Institute MOODLE server. Implementation of LCM includes the design of the course, schedule for the release of the course and Feedback. These LCMs are deployed on institute MOODLE spread over the semester as per a predefined schedule. Every semester approx. 170 Partial LCM are created.

Faculties are employing instructional strategies & ICT Tools 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.

The institute encourages students to complete the skill based

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

Extended Profile

1.Programme

1.1	**10**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**2558**
Total number of students during the year:	

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

2.2	**676**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**676**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1	**445**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**146**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

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

4.Institution

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

4.2	**42**
Total number of Classrooms and Seminar halls	

4.3	**700**
Total number of computers on campus for academic purposes	

4.4	**848**
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, is currently (22-23) 'Second Year B. Tech.' with an autonomous curriculum. The third and final year follow the

curriculum of P.A.H. Solapur University, Solapur. Both curricula have good relevance to local, national, and global developmental needs.

WIT Solapur offers programs and curricula that follow the AICTE model curriculum. WIT Solapur as well P. A. H. Solapur University has adapted the '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 the programme look into the relevance and requirements of each course. The curriculum is revised to cater to the Industry needs and market trends. POs, PSOs, and the course objectives and outcomes are clearly defined in the curriculum. The targets set and achieved status 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 the 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

65

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

40

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

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

10

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

1.3 - Curriculum Enrichment

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

The institute 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' at S.Y. B. Tech level for all branches develops a holistic perspective towards life and profession and emphasizes 'value based living'. The course on 'Environmental studies' S.Y. B. Tech level for all branches 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 lady 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, lady 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	[View File](#)

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

3

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

200

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

1172

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/2024/05/Report-of-Feedback-on-the-syllabus_2022-23.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/2024/05/Report-of-Feedback-on-the-syllabus_2022-23.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

772

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)

270

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	**No File Uploaded**
Paste link for additional information	https://drive.google.com/file/d/1ftLd5Z3Z9 1nBxH9Yg8iZKZ3t9SzvZa3z/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
02/05/2024	**2558**	**146**

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: Collaborative learning, role-playing, debate, group discussions, presentation competitions, internships, and other techniques are used in participatory learning. PBL, or problem/project-based learning, involves creating and designing answers to problems posed by topics like AI and its applications, renewable energy, and food control management.

To develop foundational knowledge and core competencies,

experiential learning is put into practice 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 05research publication in education technology.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	https://drive.google.com/drive/folders/1kq Ri-9rO1ZC-UK9CnIoVdMgDknVlH_BO?usp=sharing

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

To facilitate disruptive innovations in T-L process, we have established Professional Learning Community (PLC), which focuses on e-content creation, continuous use of instructional strategies & ICT tools during course delivery, use of learning management system (LMS): MOODLE. For creating contents in the form of videos, we have established recording studio titled 'E-Learning Centre'.

Nearly all faculty members took formal training in Education Technology, various FDPs/MOOCs namely Education Technology for Engineering Teachers, Foundation of program in ICT for Education and Pedagogy for online and blended Teaching-Learning Process. Now, they are employing instructional strategies & ICT Tools during content delivery. Thus, the conventional teaching learning process is strengthened by blending following ET practices for active learning.

At the commencement of semester, every faculty member submits course plan along with ET Activity planning which includes name of course &topics, name of instructional strategies and/or ICT tools to be employed, Schedule for activity etc.

Some of instructional strategies & ICT Tools:

Instructional Strategies: Gamification, Project-based/Problem-based Learning,Role Play, Visualization (Animation, Simulation, Live Coding etc.), Flipped Classroom, Think-Pair-Share, Team-Pair-Individual-Share, Team-Pair-Solo, etc, Pair Programming, Peer Instruction, Teaching by Example, Collaborative Competitive Learning, Competitive Learning, Collaborative 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/1epcDlLWLR BZVCOJuF04BbY8iwRo62SwO/view?usp=sharing
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

130

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

146

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

34

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)

1786

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

16

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

121

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

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

Autonomy has been conferred to institute from A.Y. 21-22. Academics and autonomy processes are automated through software platform. This software executes full academic autonomy culminating in secure, confidential, accurate examination. The examination system automates all the key processes of end semester examinations i.e. Pre-Exam, Exam Conduction and Post Exam. This

includes Exam form & Hall-ticket generation, Seating arrangement, Marks-entry, Percentage and CGPA, preparation and analysis of results.

Institute follows CBCS System for evaluation. Student's performance is assessed in two parts, namely Continuous-Internal-Evaluation(CIE) and End-Semester-Evaluation(ESE). CIE comprises of Internal-Continuous-Assessment (ICA) for tutorial, laboratory Courses and In-Semester-Evaluation(ISE) for theory Courses. Assessment weightages for theory courses are 40% for ISE and 60% for ESE. Overall weightage for ISE and ESE is 50%. Total three ISE tests shall be conducted during the semester. Additional modes of assessment are assignments, seminar, quizzes etc. ICA is based student's performance throughout the semester and due weightage is for attendance, performance in laboratory/tutorials, timely completion of assignments, orals & practical performance. Along with conventional assessment modes, ICT tools like Socrative, Google forms, LMS such as MOODLE, etc. are used. Virtual Programming Lab(VPL) on MOODLE is used for programming languages. Platforms such as HackerEarth, HackerRank, codechef,LeetCodeetc. are used for enhancing problem solving and programming skills.

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

2.6 - Student Performance and Learning Outcomes

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

While implementing outcome-based education (OBE) since 2011, institute provides the formal training to faculty and staff regularly by arranging workshops making them competent to Implement OBE. Even some of the teachers undergo the courses on OBE. In course curriculum COs are well defined. CAM is prepared for all courses. The curriculum which also contains PEOs, POs and PSOs along with COs for all the courses is well disseminated through the following modes to students.

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

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

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

Dissemination to the external stakeholders

- Department Advisory Board (DAB) meeting
- Parents meeting
- Alumni meeting, Alumni Visit/interaction
- Campus drive, training sessions

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

647

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/1Y0TZ7h0cDnle0py9nJRG1v9OnINhgCXg/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/2024/05/2.7.1-Student-Satisfaction-Survey-22-23.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

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

The institute has a subscription of 81 journals (hard copies) &

542 journals (e-copies). We also have membership in e-ShodhSindhu & National Digital Library.

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

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

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

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

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

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

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

This year additionally 3D printing facility is created for the research work.

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	View File

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)

2.59

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

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

2

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)

1.89

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	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

`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://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). Fourteen trained faculty members are working as Innovation

Ambassadors. Our institution has been selected as a mentor for five institutes.

Well disseminated Innovation & Startup Policy of the institute is in public domain. Facilitation & promotion to students & faculties for innovations is done by organizing various programmes which include internal hackathons, idea pitching events, innovative project competitions, to become successful innovators & entrepreneurs.

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

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

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

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

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

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

Students are getting seed funds for incubating their ideas.

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

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

24

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

0

File Description	Documents
URL to the research page on HEI website	https://witsolapur.org/research/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

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

14

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

30

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/15MB9y-fGb CeLGFf1iPesXd7Nv6JAXM-9/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

343

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

13

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)

31.8

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

6.71

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

3.6 - Extension Activities

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

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

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

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

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

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

An awareness rally on "Ending inequality and eliminating Aids" was also arranged.

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

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

Students participated in Kirloskar Vasundhara Ecorangers competition. "Green College Clean College" (GCCC).

More than 1400 students were sensitized through above programmes.

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

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

52

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)

13

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

1420

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

30

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)

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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

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

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

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

Two computer centers are provided, admeasuring total 338 sq.m. against required 300sq.m. There are 751 computers and 46 printers, against AICTE-requirement of 400 and 20 respectively. 09 servers, 60 manageable, 07 POE manageable switches, 34 Wi-Fi Access points, Sophas-XGS3300 Firewall, 850 Mbps Internet bandwidth, 55 application and 06 system software are available.

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

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

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1DS6H1P1hh YuVCsfmZj92n-cUUDi0K4SY/view?usp=sharing

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

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

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

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

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

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

42

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

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

19130580

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

4.2 - Library as a Learning Resource

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

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

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

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

(a) Details of library facility.

Sr. No.

Particulars

Availability

1

Total Area of Library

1262.14 sq.mts

2

Total seating capacity of Library

265

3

Working Hours of Library

All working days: 8.00 am to 8.30 pm

Academic weekend: 10.00 am to 6.15 pm

Examination period 8.00 am to 10.00pm

(b) Details of library holdings:

I. Central Library Books:

Resources

No. of Resources

Book Titles

20767

Volumes

61325

Journals

81

e-journals

542

Thesis:

Ph.D. Dissertations

47

M.E Thesis

523

1. II. Department library Books:
2. Book Titles 1561
3. Volumes 3619

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://drive.google.com/file/d/1b9wERLmxr B8UelnvB4_6yPcAWkS4Rerg/view?usp=sharing

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)

2879355.00

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

296.95

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

4.3 - IT Infrastructure

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

Institute has provided a campus wide networking in all the buildings through structured cabling, Wi-Fi and client-server architecture. The continuous scaling up depending upon usage is

done by increasing numbers of manageable switches and VLANs. In campus, there are Sixty L2 and four L3 manageable switches. Laboratory wise Virtual LANs are created. Total six servers are active including LDAP, MOODLE, Tally and Oracle.

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

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

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

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

No. of computers/laptops available are 751 out of which 115 are recently added. Annual cost incurred on up-gradation is @57lakhs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1-zS7j-St-uOrHCH0mKZ0dRltBR-Btyic/view?usp=sharing

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2558	700

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

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

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

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

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	[https://drive.google.com/file/d/1VkhyEPb6j 3dzVQooOKOpg1wHDC4iFQKR/view?usp=sharing](#)
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)

837.43

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. The institute follows the 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 the college sports in charge.

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

5. Classrooms: The College has various committees for the 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/1ZlQ-zuzvK AiQmDbZ0ymhZHOkBQRPNffD/view?usp=sharing

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

1913

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

83

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

551

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

339

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

18

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

7

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

29

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

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

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

Administrative & Academic College Committees having Students' Representation

1. College Development Committee

2. Internal Quality assurance Cell (IQAC)

3. Anti-ragging Committee

4. Grievance Redressal Committee

Students' Representation and Engagement in various Co-Curricular activities

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

2. Engineer's Week Celebration

3. Entrepreneurship Development Cell, Soft Skill Development Cell.

4. Professional Chapters like ISTE, IEI and CSI

Students' Representation and Engagement in various Extracurricular activities

A variety of extracurricular activities such as

1. Atharva Culture Program

2. Ganesh Utsav

3. University Yuva Mohotsav

4. Art Exhibition

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

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

contribute to their alma mater.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1bs2Zv56se PTESpTdKKp17cfUwLO-jdNK/view?usp=sharing

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

38

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

5.4 - Alumni Engagement

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

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

There is regular representation of alumni on various statutory bodies such as IQAC, BOS, DAB. This year more than 196 alumni contributed to curriculum updates and quality assessment of various administrative activities. They also share their knowledge and skills by giving expert talk, guiding students for project work, providing placement drives and training students on emerging technologies through webinars sometimes providing collaborative projects with the industries they work in. Also some alumni contributed for infrastructure development which total cost around 5 lakh rupees

This year six alumni meets were organized and at different places like Pune, New Delhi and Solapur at the Institute

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	https://drive.google.com/file/d/1OZnJKA8YB HRfIM9I0prtM6_aGeq0L6_N/view?usp=sharing

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 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.

A global exposure is extended to students through offerings of training in emerging areas. Students completed certifications: 103 from Coursera, 85 from NPTEL and Around 776 students and 27 faculty members are on boarded on Infosys Springboard. Two Hackathons were organized providing students necessary mentoring and required facilities. Faculty members completed 542 certifications through FDPs/Seminars/Workshops/industry training to build competencies and Students underwent 44 training sessions.

To generate Doctoral Engineers and promote research, a concentration was directed to generate 105 publications, out of which 57are UGC/Scopus/WOS/SCI indexed. Leadership was established by involving student participation in campaigning and comparing events such as 3 symposiums, 5 project competitions, 1 programming contest and 24 entrepreneurial activities with an Innovation Club. 30 activities were organized under the professional student chapters.

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

19 industry collaborating projects and 16 extension activities were organized for the growth of society.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drive.google.com/file/d/1uJg01K5-ch5MuWUzZHJoFFq_YgoXPjYk/view?usp=sharing

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

Participative management is exhibited by @42% of faculty members in statutory bodies and committees at The institute. Faculty members work various capacities independently to organize curricular, co-curricular and extracurricular activities with adequate student representation. Professional Society studentchapters have a faculty advisor as their head and havea well formulated structure consisting of committee and event coordinators. They have well-set decentralized policies followed for the implementation of activities. They plan, organize and budget with financial liberty stipulated by the institution.

The Computer Society of India (CSI) organized a total of 11 activities that included a Hackathon, Programming contests, Workshops and Project competitions in 2022-23 @ 52% students participated.

Institute of Engineers, India (IEI) organized 14 events, including webinars and Panel discussions. @ 24% of 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	https://drive.google.com/file/d/1AXUF1pXuT19M0AOOtHgn0utp-IYQo77Z/view?usp=sharing

6.2 - Strategy Development and Deployment

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

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

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

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

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

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

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

- **Characteristics of PSE:**

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

- **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

-

- Entrepreneurship Development(ED) Cell

- Intellectual Property Rights(IPR) Cell

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

- Liaising with Alumni (Entrepreneur)

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://witsolapur.org/wp-content/uploads/2024/05/6.1.2-Strategic-Plan1.pdf
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	No File Uploaded
Paste link for additional Information	https://drive.google.com/file/d/1dUgUbnqq797k4Oh_37Ac-kMiAtGfTPYb/view?usp=sharing

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

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Following are the Welfare measures for teaching and non-teaching staff 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1UgvjxOMPA 8LKfAmv5vGviWGWIzU7zTLX/view?usp=sharing

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

20

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.)

76

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	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1pUkyUYBMTe8D8Fv4PPuiXWE3dfKcRplk/view?usp=sharing

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)

16.59300

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	View File

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: Optimal Utilization is insured through the following process.

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

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

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

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

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

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

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

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

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

6.5 - Internal Quality Assurance System

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

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

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.

WIT, Solapur is awarded as Top institute in Maharashtra for having

highest number of certifications and Second Top in Maharashtra for course completion on Infosys Springboard platform

It is also 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.

This year Nine research proposals are submitted to PAH Solapur University Solapur. 04 research proposals sanctioned in 2021-22 are continued for second year. Two Faculties received award at research competition organized by P.A.H. Solapur University. 103 quality publications and 19 collaborated projects completed. A total revenue of Rs. 30,35,009/- is generated through testing and consultancy. One faculty translated a book on Workshop and Manufacturing Processes in regional language Marathi for First Year Engineering

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/186Fa-2YjUg5EXMxeHZuzsUzb16doEBkh/view?usp=sharing

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

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

Following Parameters are reviewed during Academic audit:

1. Students Admissions and quality

2. Faculty Strength and Qualification

3. Infrastructure & Amenities

4. Curriculum

5. Identification of Curriculum Gap & Action Taken

6. Teaching-learning Process

7. Students Assessment

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

9. Industry-Institute Interaction

10. Feedback from various stakeholders

11. Overall Student Performance

12. Faculty Development and R&D

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1mZNvnwiAD zb4Hf7oZy_WBSc-UpI9Gfar/view?usp=sharing

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://witsolapur.org/wp-content/uploads/2024/05/Final-Annual-Report-2022-23-for-Magazine.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institute is well aware that Gender equality is not only afundamental 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 counselling 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	**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

In the campus, solid waste zones are prepared using smart measurements/weighing techniques. All types of wastes are measured/ weighed as per their technical criteria viz. garbage, rubbish, inerts, construction and demolition waste, E- waste, & Hazardous waste. Solid biodegradable waste generated in Institute campus and Institute canteen is recycled in 'Vermicomposting Plant'. This is the most successful project and large quantities of high quality vermicompost have been produced for use within the campus. Garbage consists of Garden, Horticultural waste, Mess, Canteen etc. Average quantity of vermicompost produced is 2250 kg/year. E-Waste generated from various departments are segregated and sent to E- waste recycling. Rubbish produced from Institute is outsourced to Municipal Corporation, Solapur. 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 two filtration chambers and sedimentation tank 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 us stored in the Sedimentation tank. Treated water is used for secondary usage like gardening purposes in Boys Hostel campus.

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: — `B. Any 3 of the above`

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

File Description	Documents
Geotagged photos / videos of the facilities	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	<u>View File</u>
Certification by the auditing agency	<u>View File</u>
Certificates of the awards received	<u>View File</u>
Any other relevant information	<u>View File</u>

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 and traditional day with joy and enthusiasm. Various activities are organized through NSS such as expert lectures on women empowerment, Yoga, environmental issues, Marathi Bhasha Samvardhan Pandharwada, etc. Students are encouraged to write articles and participate in competitions in different regional languages such as in Witness, Engineers Day, Youth Festival, our Cultural fest Atharva, etc. Mandatory course on environmental science is added in curriculum. Institute render service to society by providing counselling for Engineering aspirants, through our PLC YouTube channel of educational videos, Testing and Consultancy, etc. 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. 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. Students' induction programs are conducted to create the right understanding about human beings, family, society, environment and civilization which facilitates the students to improve their life skills, employability and global competence significantly. Sessions were arranged during student's induction programs by faculty and external experts to inculcate the values necessary to render students into responsible citizens. In the curriculum too, value-added audit course of 'Democracy', mandatory course of 'Universal Human Values', and HSS course of 'Professional Ethics and Human Values' is included to create awareness about rights and duties and inculcate professional ethics among students. Students showcase their professional ethics and etiquettes through their behaviour in classrooms, in various competitions, while working on projects, preparation of reports, presentation, etc.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution 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. 'International Yoga Day was celebrated on 21st June 2022. 'Har Ghar Tiranga Abhiyan' celebrated from 13 to 15 Aug. 2022 under Azadi ka Amrit Mahotsav. 'Gandhi Jayanti` and 'Lal Bahadur Shastri Jayanti' is celebrated on 2nd Oct. 2022. 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 31 Oct. 2022. Students and staff took the 'Ekta Oath'. 'Constitution Day' was celebrated on 26th Nov. 2022 and took the `Constitution Oath`. Students participated 'Green College Clean College' competition and bagged 3rd prize. National Voters Days was celebrated on 25 Jan. 2023, all the Faculty, Students and staff took 'Voters Oath' and competitions namely poster making and Slogan competition were also conducted. On 1st Dec. 2023, 'Worlds Aids Day' was celebrated by conducting awareness rally. 'Marathi Bhasha Gourav Din' was celebrated on 27th Feb. 2023. On this occasion, Poems and essay contests were organized. 'International Woman's Day' was celebrated on 8th March 2023. 'World Environment Day' celebrated on 5th June 2023.

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 Practiceto 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, fosterinnovation, enhance problem-solving skills, and provide practicalexposure to real-world challenges and build soft skills.

Best Practice 2

1. Title of the Practice: Inculcating life-long learning throughself-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 following documents:

https://drive.google.com/file/d/1tp1BDHQKLaEkVaZiIZz-

`a76QrPzrTNpL/view?usp=sharing`

File Description	Documents
Best practices in the Institutional website	https://witsolapur.org/best-practices-2022-23/
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

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

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. Testing and consultancy work by the Institute is helping industry in the qualitative work. During consultancy work, students are encouraged to participate and learn in applying the learned concepts as per industry demand.

The institute has 27 active MOU with various industries. These MOUs are helping students to interact with the industry to learn and apply gained knowledge in the industry. MOUs are helping students to get trained in the industry through internships and placements in the industry. Industries are offering long duration internships (3 to 6 months) during final year final semester. This is helping students to become system conversant & deliver early output to industry. Total 79 companies visited campus for recruitment drives and students have received 347 job offers with highest package of Rs. 12.5 Lakh.

File Description	Documents
Appropriate link in the institutional website	https://witsolapur.org/wp-content/uploads/2024/05/7.3.1-Appropriate-link-in-the-institutional-website.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 of Technology, 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:

1. Bringing more flexibility in design and offering of curriculum to incorporate courses/ skill requirement as per industry need along with facilitation of credit transfer and incorporation of MOOC
2. Providing quality internship to 100 % students of the final year
3. Strengthening collaborations with industry by entering into MoUs and through the activities like project, internship and curriculum development
4. Strengthening incubation activities and getting 'Host Institute (HI)/Business Incubator (BI) of MSME
5. Strengthening the sponsored research and seeking funding from government and non government organizations. Also improving quality and quantity of the faculty / student research publications
6. Continue to undertake various programs for up-gradation in qualification and enhancement of competencies of faculty, Nonteaching staff
7. Increasing students participation in various co-curricular activities like Smart India Hackathon (SIH), Project Competitions, Paper presentation, etc
8. Nurturing self-learning ability of the students by facilitation to enroll for various courses available on the platforms like Springboard and TCS ION
9. Efforts to make the campus Smarter and Greener
10. Continue to participate in various quality evaluation surveys like NIRF, AICTECII Survey for Industry Linkages, Times of India survey, etc.
11. Setting Collaborations with foreign universities for possible student and faculty exchange