IQAC-14
07/02/2021

ITEM NO. 1	Minutes of the last Meeting held on 25/11/2020

Minutes of the meeting held on 25-11-2020 were read and confirmed.

ITEM NO. 2	Teaching-Learning Process

2.1 Innovation in Teaching Learning

During semester-I following things are implemented

- 12 instructional strategies and 10 ICT tools are employed.

- Total 652 videos are created by faculty members and uploaded on institute YouTube channel. Course e-contents in the form of video are still continuing. As on date, No. of subscribers are 18700 and, No. of Views are 2679996.

- The process of e-content generation for semester -II shall be taken out.

2.2 Self learning to inculcate Lifelong Learning and credit transfer.

During semester-I,

- Out of 1224 Students registrations, 1025 students successfully completed the NPTEL courses out of them 22 are Toppers. 8 gold, 379 Elite, 175 Silver certifications are received by students.

- 486 students have successfully completed coursera courses.

During semester-II, as on date

- 752 Students have registered for 208 NPTEL courses

- 327 students have registered for 113 various courses on coursera platform.
- Under AICTE –EDX platform institute received 2500 free licences for faculty & students for online certifications. This platform provided various MOOC courses offered by various international universities and industries. Therefore to avail the opportunity all faculty members and students shall register on edx platform to undertake various courses. The target set for the registration shall be to utilise all the licences available.

This exercise of taking additional relevant courses will help to improve the attainment of POs & PSOs. These initiatives shall be reinforced through coordinated student development model for MOOC certifications.

2.3 Problem based/Project based learning (PBL)

To strengthen PBL, institute is making necessary efforts through alumni to make projects available which are of societal relevance and industry collaborated. Accordingly,
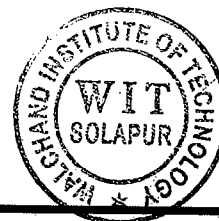
- Seven teams participated in the competition of Toycathon-2021, a MHRD initiative.
- Consolation prize in SYNFIG Studio 2D Animation Hackathon conducted by IIT Bombay.

2.4 Employability Enhancement & Skill Development

- **Training**

For employability enhancement of students

- The one hour training session everyday for all students is continued.

- Under the Ready Engineer Programme, Tata Technologies trained 140 students on various software. Total 90 students qualified with "A grade", in the online examination. WIT ranked amongst top 5 institutes in India in Ready Engineers Programme. 02 students are recruited by Tata Technologies through DRE drive.

- The training program by industry experts is continued, eight guidance sessions by our alumni & experts and in house training sessions were organized.

- Various competitions were organized to enhance soft skill, logical thinking, reasoning, programming skills etc. for employability enhancement.

- **Student Internship**

During semester-I, 304 internships are successfully completed by students and many students are undergoing interships.

Due to constraint of Covid-19, necessary encouragement & support shall be rendered to students to undertake online internships concurrently with academics.

- **Placement**

For graduating batch 2021, till date students got 295 offers from 9 companies namely Infosys, Persistent Systems, Tata Consultancy Services, Tech Mahindra, Virtusa, Hexaware Technologies, Xoriant, Anglo Eastern Group and Bitwise have 295 offers for placement. Some more companies are visiting for campus placement. Some of them are iASYS Center Pvt. Ltd., Apprely Technologies, Accenture, Faurecia, FACE, Coditas etc.

Recruitment for 2022 graduating batch will commence in the next month accordingly training sessions shall be arranged. Review of placement of 2021 graduating batch was taken. It is observed that the placement for Mechanical, Civil and Electronics Engg. is not up to the mark, therefore training sessions shall be arranged for non placed students.

2.5 Assessment of students Learning Outcome (COs, POs & PSOs) & Corrective measures, if any

In the 1st week of December 2020, the results of remaining classes i.e. UG- I, II & III year are declared. The CO, PO and PSO assessment is done. On the basis of attainment with respect to target set, Overview of the attainment of POs & PSOs was taken. It is observed that some of the POs/PSOs are not attained or attained marginally. In this regard it is necessary to prepare course wise action plan for content delivery, assessment, content beyond syllabi in consultation with DAB and various stakeholders.
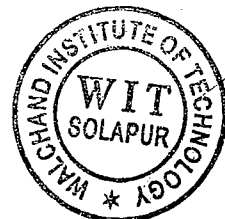
ITEM NO.3	Faculty and staff Development

As a part of strategic objective of the institute, department shall continuously update & execute comprehensive plan for the following key activities:

3.1 Faculty Qualification & Competency up gradation

During this academic year

- As a result of facilitation & encouragement, Six faculty members have registered for Ph.D. and Two are in process of registration.
- As on date total 297 certifications are successfully completed by faculty members through 216 FDP/Workshop/STTP etc. 66 courses are completed by faculty members on various MOOC platforms.
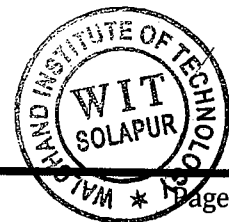
3.2 Research & Development activities

The R&D activities are carried out by faculty

- In addition to ASHREA and Breakthrough research proposals following proposals were submitted for to AICTE for various grants,
- One Major research proposal under AICTE-RPS scheme entitled 'Data driven condition monitoring of a CNC hobbing cutter: A machine learning approach' with Dr. B.B. Deshmukh as a principal investigator.
- Idea (Idea Development, Evaluation & Application) Lab proposal.
- The proposal SPICES-Scheme for Promoting Interests, Creativity and Ethics among Students.
- Two proposals to AICTE-ISTE for conducting Refresher program one entitled 'Low Power VLSI System Design' by Dr. S. R. Gengaje and the other entitled 'Machine Learning' by Dr. B.B. Deshmukh.
- During 20-21 till date 49 research papers are published in various National, International Journals & Conferences by faculty members.
- A total revenue of Rs. 10,77,030/- was generated through testing and consultancy in F.Y. 2020-21 till date.

3.3 Awards

08 faculty members have submitted nominations for various ISTE awards (Individual category) at national level

Department shall set a target for more quality research publications by faculty and shall generate funds through research grants and consultancy work.

ITEM NO. 4 — Innovations

- Based on AICTE's NISP-2019 policy to promote start-up activities in the institute Dr. K. G. Valase is nominated as NISP Co-ordinator of Institute. He attended two training programs organised by AICTE to formulate and implement institute level policy based on NISP 2019 guidelines. The expert committee is constituted to formulate the "WIT innovation and start-up policy – 2021".

- It is proposed to have efforts to support Innovation Start-up and Intellectual Property rights related activities and align these activities with the National Innovation & Start-up policy 2019;
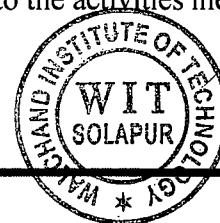
Following activities were organised to promote innovation culture among faculty & students

1. National level Webinar on "Challenges in Startup"
2. A workshop was organised to facilitate T-L of 'Creativity & Design Thinking' for the Benefit of all faculties of affiliated institutions before commencement of the course.
3. Expert session on "How to plan for Start-up and legal & Ethical Steps"

- Data filling on portal for 'Atal Ranking of Institutes on Innovation Achievements' is in progress.

ITEM NO. 5 — Extension Activities

Institute Participated in AICTE's 'Lilavati Award' for two sub themes 'Women's Health' and 'Sanitation & Hygiene' and 'Green Campus Clean Campus' award.

Following are some of the extension activities organized in addition to the activities mentioned in previous meeting dated 25th Nov. 2021.

- Under green initiative, Tree Plantation drive was organised. 60 saplings are planted at our Trust's school campus - Ashti, Solapur.
- A Voter awareness programme was organized. In this program online poster making and elocution competition was conducted.
- On the occasion of `World Wetland Day` a Quiz Competition and Poster Making Competition was organized for students.

  It is proposed to organise an awareness program on Covid-19 Vaccination.

ITEM NO. 6   Facilities Enhancement

Due to COVID-19 pandemic all the academic activities including co-curricular & extracurricular activities need to be mandatorily in online mode. Google Meet platform is used for delivering online lectures and co-curricular & extension activities. Institute had received licence for every faculty member of GMeet from Google for 100 participants.

Since the above licence is only for 100 participants and in many cases the requirement is more than 100, therefore it is proposed to purchase the GMeet licences for 250 participants on continue to smooth conduction of all activities in online mode.
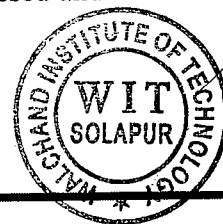
ITEM NO. 7   Quality Assurance initiatives

7.1 Annual Academic Audit

Annual Internal Audit & Bi-annual external audit of every department has been carried out.

Recommendations given by the experts shall be taken into consideration for implementation.

7.2 Feedback from all stakeholders

Comprehensive feedback from all stakeholders are continuously collected and analyzed for overall improvement. Action on the feedback received was discussed and finalised. The feedback from the various stakeholders shall be taken continuously.

7.3 Quality initiatives

7.3.1 Participation in various in evaluation surveys

Institute participates in various Govt./non Govt. surveys like NIRF, AICTE-CII survey for 'Best Industry Linked Institute' and such other surveys for quality assurance and as a brand building exercise.

In this academic year till date

➤ The submission for NIRF Ranking is on the verge of completion.

➤ Submitted nomination to ISTE for 'Best Institute Award' at national level.

➤ Submitted an application for 'Clean & Smart Campus' Award

➤ Participated in AICTE's 'Lilavati Award' for two sub themes 'Women's Health' and 'Sanitation & Hygiene'

7.3.2 Accreditation

A) NAAC:

The data collection & preparation with respect to AQAR of AY 2019-20 is in progress.
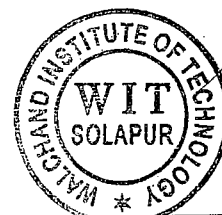
B) NBA :

The preparation of compliance report is completed and we have paid necessary fees for the same to NBA.

For the remaining two UG programmes namely Computer Sci. & Engineering & Information Technology, the visit is still awaited.

C) Autonomy

We had submitted an application to UGC for grant of fresh autonomous status. The visit for on spot inspection is scheduled on 20-21 February 2021. The preparation of files for on the spot visit is going on.

As a part of autonomy various deans and various activity heads are gearing up for the on the spot inspection by UGC committee.

7.3.3 Courses in Emerging/Multidisciplinary Area

AICTE recommends that no additional seats are approved in traditional Engineering areas, but Institutions need to be encouraged to convert current capacity in traditional disciplines to emerging new technologies. This will help to enhance placement opportunities.
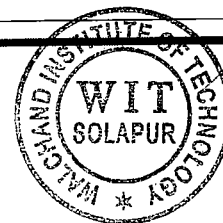
In view of above, it is proposed to suggest possible nomenclatures in Emerging / Multidisciplinary areas for existing traditional courses.
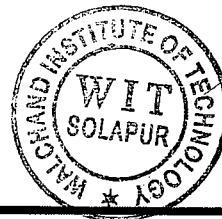
ITEM NO. 8	Strategic Management-Review of key activities

The various activities done during this year till date are reviewed. On the basis of the review of various key strategic activities, it is proposed that following areas needs attention for improvement.

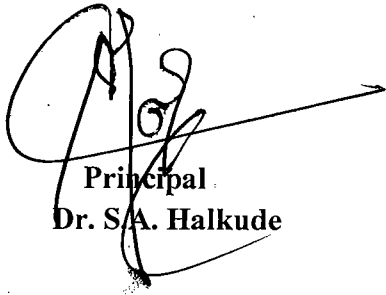| Sr. No.	Key Activity	Remark
1	Up gradation to Ph.D. qualification	06 faculty members have registered for Ph.D. at four different universities More Faculty Members shall be encouraged to register for Ph.D. qualification.
2	Faculty Competency through FDP/Workshop	297 certifications are successfully completed by faculty members through 216 FDP/Workshop/STTP etc. 66 courses are completed by faculty members on various MOOC platforms. Faculty shall undertake more certifications to upgrade their competency.
3	Faculty members to prepare & submit a proposal for research grant	One research and Three other new proposals are submitted to AICTE.
4	Quality Research Publication	Faculty members are publishing research papers. Focus to have more quality research publications.
5	Employability Enhancement Training	Under the Ready Engineer Programme, Tata Technologies trained 140 students on various software. 90 students qualified with "A grade". 02 students are recruited by Tata Technologies through DRE drive.

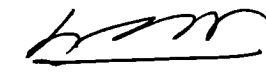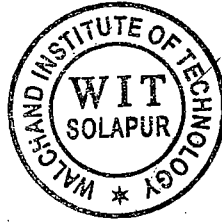|		Student's training and guidance sessions are to be continued. Focus to have more students' internship with stipend. 295 students are placed till date. More companies are for placement.
6	Creation of e-course content for blended T-L process	652videos are created by faculty members and uploaded on institute YouTube channel. As on date, No. of subscribers are 18700 and, No. of Views are 2679996.
8	Initiatives towards Innovations, Product Development, IPR and establishing Pre-incubation centre and Incubation Centre	Institute shall formulate Innovation policy based on NISP 2019 guidelines. It is proposed to collect data of innovation activities. Organise more workshops & expert sessions on Innovative project ideas, Corporate Entrepreneurship etc.
10	Organization of various co-curricular & extracurricular activities	• 49 various co-curricular activities such as workshop/webinars/competitions were organised were organised under Extra-curricular Activities during A.Y. 2020-21. • Extension activities conducted under various initiatives such as Green Initiative, Voter Awareness etc. • Participation in AICTE's 'Lilavati Award' for two sub themes 'Women's Health' and 'Sanitation & Hygiene'.
11	Collaborations	As on date institute has 23 active MOUS with various organisations. As a part of these MOUs webinars, trainings are organised.
12	Offerings of Skill based courses	In semester-I, 03 skill based courses were conducted for students. It is proposed to conduct more skill based courses.

ITEM NO. 9	Any other subject with permission of the Chair.

After considering the items and agenda, no other subject was discussed and the meeting concluded with a vote of thanks to the Chair.

Principal
Dr. S.A. Halkude

Co-ordinator
Dr. S.R. Gengaje

Shri Aillak Pannalal Digamber Jain Pathashala's

WALCHAND INSTITUTE OF TECHNOLOGY
(An Autonomous Institute)

- Accredited by **NAAC A+ Grade and NBA, New Delhi** for Civil Engg., Mechanical Engg., Electronics Engg., Electronics & Telecommunication Engg.
- Winner of AICTE-CII Survey 2013, 2014 & 2018 Award for Best Industry - Linked Institute.
- Recognized by **AICTE, New Delhi**
- Permanently affiliated to **Punyashlok Ahilyadevi Holkar Solapur University, Solapur**
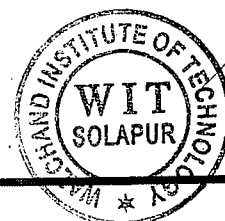- Solapur Jurisdiction only.

Seth Walchand Hirachand Marg, Ashok Chowk, Post Box No. 634, SOLAPUR - 413006.
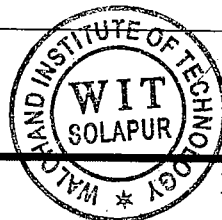● ☎ : 0217- 2653040, 2652700 ● **Fax :** (0217) 2651538 ● **Email :** principal@witsolapur.org ● **Website :** www.witsolapur.org

Internal Quality Assurance Cell
Action taken Report on meeting held on 07-02-2021

Item on Agenda	Description	Action Taken
2.1	**Innovation in Teaching Learning**	In this year till date ● 12 instructional strategies and 10 ICT tools are employed. ● 1184 videos are created by faculty members and uploaded on institute YouTube channel. As on date total no of videos created are 3454, no of subscribers are 22993 and views are 3421803.
2.2	**Self Learning to inculcate Lifelong Learning and credit transfer**	● 274 students have successfully completed various coursera courses. ● 908 students for 74 courses *have registered for various MOOC offered by various international universities and industries on Edx platform* ❖ 2484 students from FE to BE have registered for various courses on Infosys Springboard platform. Each department have assigned one faculty as a mentor for 20 students. Till date 253 students have completed the certifications.
2.3	**Problem based/Project based learning (PBL)**	21 industry collaborated projects are successfully completed by students.

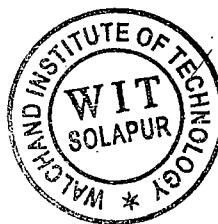| 2.4	Employability Enhancement & Skill Development	❖ **Training** ▪ The daily One hour training for employability enhancement of students were imparted. . Nearly 475 students benefited from special training from industry certifications such as InfyTQ, various National Recruitment Test and various Hackathons ▪ Nine guidance sessions are conducted by industry experts. ▪ Fourteen training sessions are conducted to enhance General Aptitude i.e. Quantitative ability, Logical reasoning, verbal ability. ❖ **Internship** 1244 internships have been completed by students during semester-II. ❖ **Placement** Till date 58 companies visited campus for placement and students got 483 offers during A.Y. 2020-21 with maximum package of Rs. 10 lacs p.a.
3.1	Faculty Qualification & Competency up gradation	● Nine faculty members have registered for award of Ph.D. degree ● During this academic year, till date total 488 certifications are successfully completed by faculty members through 346 FDP/Workshop/STTP etc. and 142 through MOOC courses on various platforms like NPTEL, Coursera. ● 97 faculty members for 175 courses have registered for various MOOC offered by various international universities and industries on Edx platform. ●

3.2	Research & Development activities	• A webinar on "Effective Utilization of E-Resources for Research Publication" was organised for faculty
		• During A.Y. 2020-21 Till date
		  ➤ 03 research proposals are sanctioned.
		  ➤ Eighty Eight (88) quality research publications in various Scopus. indexed/Web of science/UGC care.
		  ➤ Faculty members have attended 44 conferences and financial support of Rs. 1,46,440/- is provided.
		  ➤ Total revenue of Rs. 16, 81,018/- was generated through testing and consultancy in F.Y. 2020-21.

3.3	Awards	06 faculty members have submitted nominations for various ISTE awards (Individual category) for Maharashtra-Goa section.

4	Innovations	• Institute has prepared Innovation and Start-up Policy 2021.
		• Following events are organised
		  ➤ An awareness program on 'WIT Innovation and Start-up Policy' was organised for all students & faculties.
		  ➤ Webinar entitled "Overview of Intellectual Property Rights in India"
		  ➤ National Level Hardware Hackathon-2021and Software Hackathon-2021 is started. The final round is scheduled by June end.
		  ➤ MATLAB Innovative Design & Simulation Contest
		  ➤ Project competition

5	Extension Activities	An awareness program on Covid-19 Vaccination was organised
6	Facilities Enhancement	Ten GMeet licences were procured
7.1	Feedback from all stakeholders	Based on feedback received from faculty, students & employers internet bandwidth has been increased from 260 mbps to 400 mbps.

7.2.1	Participation in various evaluation surveys	Till date institute has participated in • AICTE-CII Survey • AICTE's 'Lilavati Award' • NIRF Ranking. • Submitted nomination to ISTE for 'Best Institute Award' for Maharashtra-Goa Section. • 'Clean & Smart Campus' Award. • 'Atal Ranking of Institutes on Innovation Achievements' • 'Best Engineering College' survey by India Today
7.2.2	Accreditation	**A. NAAC:** The AQAR of AY 2019-20 is submitted. **B. NBA :** The compliance reports of 4 UG programmes Civil Engg., Mechanical Engg., Electronics Engg., Electronics & Telecommunication Engg. are submitted to NBA. **C. Autonomy** ➢ The UGC committee visited the institute for on spot inspection on 20-21 February 2021 for grant of **fresh** autonomous status. ➢ UGC committee decided to grant an autonomous status to WIT for the period of 10 years and accordingly issued a letter requesting P.A.H. Solapur University, Solapur to issue necessary notification/order regarding the grant of autonomous status to the college.
7.2.3	**Emerging/Multidisciplinary Area**	Obtained NOC from PAH Solapur University, Solapur for change in change the nomenclature of following two UG courses 1. From Electronics Engineering to Electronics & Computer Engineering 2. Mechanical Engineering to Mechanical & Automation Engineering

Principal
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