YEARLY STATUS REPORT - 2023-2024

Part A
Data of the Institution

1.Name of the Institution	Kakatiya Institute of Technology & Science
• Name of the Head of the institution	Prof. K. Ashoka Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08702564888
• Alternate phone No.	
• Mobile No. (Principal)	7382520585
• Registered e-mail ID (Principal)	principal@kitsw.ac.in
• Address	Opp. Yerragattu Hillock, Hasanparthy Mandal, Warangal
• City/Town	WARANGAL
• State/UT	Telangana
• Pin Code	506015
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	14/06/2014
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**UGC 2f and 12(B)**
• Name of the IQAC Co-ordinator/Director	**Prof. C. Venkatesh**
• Phone No.	
• Mobile No:	**9440031922**
• IQAC e-mail ID	**iqac@kitsw.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.kitsw.ac.in/homepage_pages/NAAC.html#
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.kitsw.ac.in/almanacs/Almanac_Autonomous-2023-24.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**A**	**3.19**	**2024**	**28/03/2024**	**27/03/2029**

6.Date of Establishment of IQAC	**12/03/2012**

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
Mechanical Engineering (ME)	AICTE	AICTE	07/02/2022	400000
Electronics and Communication Engineering (ECE)	SERB-CRG	DST	04/05/2021	3861264
Physical Sciences (PS)	SERB	DST	17/01/2022	1822400

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	1	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

• Course teaching is Integrated with I2RE (innovation incubation Research and Entreprnuership) in course teaching under PRR20. Under this, the course faculty should facilitate different dimensions of

learning on course research papers, course patents, course projects and business ideas related to course to the students as a part of systematic continuous internal evaluation (CIE). • To promote quality research and innovation among the faculty community in the institute, administration introduced two research policies to encourage the faculty carryout their research work namely Faculty Research Support Scheme (FRSS) and Faculty Research Incentive Scheme (FRIS). • To uphold the Academic Integrity and prevention of plagiarism in higher education institutions, in accordance with the UGC regulations, institute adopted Anti-plagiarism policy, with an objective of Uncompromising Academic Integrity through Prevention of Plagiarism in UG and PG programmes offered by the institute. A Turnitin Software purchased by the institute to inspect and validate the quality of research work carried out by the student, faculty, researcher and staff of KITSW. • OBE in teaching Learning by implementing a Table of specifications (ToS) for all courses, CDLL and CO mapped question papers, Evaluation of attainments of CO and CDLL.KSQ tables created and mapped with CO and PO • Implementation of Program Skill Development (PSD) classes over and above curriculum URR18 for B.Tech II & III Year students

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
Almanac (Academic Calendar) to be released weel in advance before the academic year starts	Almanac released on 03-07-2023 for the classwork from 19.07.2023
Departments are informed to identify Adjunct faculty from Industries for course teaching	One industry expert was identified from each department for course teaching
Faculty Development Programmes two per department per year	Enriched research activity among the faculty and motivation to pursue PhD programs
Guest Lectures and Workshops in advanced areas	Students could understand the advanced topics and implement in minor and major project works and publication of research articles
Publish research contribution in peer reviewed journals	Faculty have published research articles in SCI and Scopus indexed journals
Quality improvement through NPTEL/SWAYAM, industrial trianing	All faculty have updated their learning in advanced technologies through NPTEL/SWAYAM courses and have undergone atleast two-weeks of industrial trianing

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Internal Quality Assurance Cell (IQAC)	27/02/2024

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

- Year

Year	Date of Submission
2024	20/03/2024

15.Multidisciplinary / interdisciplinary

To promote Multidisciplinary/interdisciplinary learning the students are given an option to choose the advanced course and inter disciplinary courses through the Honor and Minor curriculum framework. Guidelines for Honors Program: 1.   Honours: Honours is an additional credential a student may earn, if he/she does additional learning for 20 credits in his/her own discipline of B.Tech programme. These additional credits shall be acquired through MOOCs from the list of courses for Honours, prescribed by the respective departments. These courses shall mostly be advanced courses (or) courses designed to give more exposure to different areas of one's own discipline. On successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as "Bachelor of Technology in XXX Engineering/Technology, with Honours" 2. A student shall be eligible to register for a Honours in the same discipline of his/her study. 3.   Student who has completed B.Tech. IV semester in his/ her regular B.Tech. programme without any standing backlogs and with a minimum CGPA of 8.0 shall be allowed to register for Honours.   4.   Student who wants to register for Honours shall opt for registration at the end of IV semester of his/ her B.Tech. programme, subject to the conditions prescribed by the AAC from time to time   5.   Student registered for Honours shall ensure the following in his/her regular B.Tech programme.   i. student should maintain a minimum SGPA of 7.0 from V semester to VIII semester of regular B.Tech programme and ii. student should maintain a CGPA of 8.0 at the end of VIII semester of regular B.Tech programme   If the student fails to meet the above criteria, his/her registration for Honours shall stand cancelled and he/she will be awarded only regular B.Tech degree The Honours course - credit distribution is as below S.No. Type of Honours Course No. of Courses No. of Credits 1. Honours elective courses 6 - 9 18 2. Honours laboratory courses   2   2 Total: 8 - 11 20 The student has to earn 20 credits from the list of courses proposed under Honours Curriculum. ------ Guidelines for Minor in Engineering Program: 1.   Minor in Engineering: A minor in engineering is an additional credential a student may earn, if he/she does additional learning for 20 credits in a discipline other than his/her major discipline of B.Tech programme. These additional credits shall be acquired through MOOCs from the list of courses for a Minor Engineering prescribed by the respective departments. On

successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as "Bachelor of Technology in XXX Engineering/Technology, with Minor in YYY Engineering/Technology" 2. A Minor in Engineering allows students to officially explore interested engineering programme other than their own and thus an opportunity to expand their breadth of study in engineering disciplines. 3.   Student who has completed B.Tech. IV semester in his/ her regular B.Tech. programme without any standing backlogs and with a minimum CGPA of 8.0 shall be allowed to register for Minor in Engineering. 4.   Student who wants to register for Minor in Engineering shall opt for registration at the end of IV semester of his/ her B.Tech. programme, subject to the conditions prescribed by the AAC from time to time   5.   Student registered for Minor in Engineering shall ensure the following in his/her regular B.Tech programme   iii. student should maintain a minimum SGPA of 7.0 in every semester from V semester to VIII semester of regular B.Tech programme and   iv. student should maintain a CGPA of 8.0 at the end of VIII semester of regular B.Tech programme   If the student fails to meet the above criteria, his/her registration for Minor in Engineering shall stand cancelled and he/she will be awarded only regular B.Tech degree The Minor course - credit distribution is as below S.No. Type of Minor Course No. of Courses No. of Credits 1. Minor compulsory courses   3 18 2. Minor elective courses 3 - 6 3. Minor laboratory courses   2   2 Total: 8 - 11 20 The student has to earn 20 credits from the list of courses proposed under Minor Curriculum.

16.Academic bank of credits (ABC):

As per the guideliness from the University Grants Commission(UGC), our institution has registed on NAD website & uploaded the data of academic awards with Digilocker.By storing student academic grade sheet data in the DigiLocker, the students can access their academic certificates in a single online account and authorize access for verification purpose and also to facilitate employers to access degree and related certificates of students with consent of the student. After meeting all the requirements of the NAD template to upload the student records, the following number of student records are uploaded in DigiLocker NAD website along with the student photos. Total number of grade sheets uploaded in DigiLocker: 39,684 Total number of student Photos uploaded in DigiLocker: 39,684 No. of years of data uploaded: Autonomous batch data (7 Years: From 2014 admitted batch) After consistent efforts, the DigiLocker NAD published the above records on DigiLocker on 05-01-2022 and the data can be accessed by KITSW students. Academic bank of credits (ABC):

The ABC will ensure opening, closure and validation of Academic Bank of Accounts, verification, accumulation and transfer or redemption for students. To enhance the reach of ABC program, our Institute KITSW has initiated the registration process on ABC. With the already available data under National Academic Depository (NAD) and total 103 ABC accounts have been created by the students through their individual registrations till date.

17.Skill development:

The vision of our institute KITSW, To make our students technologically superior and ethically strong by providing quality education with the help of our dedicated faculty and staff and thus improve the quality of human life.In line with our institute visio, we have added skill development couses in our curriculum as well as skill development activities organized by the Innovation Incubation Research and Entrepreneurship (I2RE) Center to make our students technological superior. I2RE center conducts the activities for the students such as skilling Program, Awareness Program,Industry Interactions,Faculty Development Programs (FDPs), workshps etc. It encompasses four Important avenues for the students to showcase their innovative and creative abilities viz., Institutions Innovation Council, MSME-Business Incubator, Entrepreneurship Development Cell and National Innovation Startup policy. KITSW introduced additional learning leading to UG DEGREE WITH HONOURS / MINOR IN ENGINEERING In line with the provisions laid down in AICTE Model Curriculum for Undergraduate Degree Course in Engineering & Technology, January 2018. Every student has specific abilities, interests, career goals and wishes to enhance his/her academic learning experience. Employers look for graduates with different combinations of competencies with T-shaped skills. Hence, opportunities for additional learning are the major requirement for students to bridge the industry-academia gap. At KITSW, to support students' additional learning needs, the following provisions are made in URR18 curriculum: HONOURS & MINOR IN ENGINEERING A student will be eligible to get UG Degree with Honours in one's own discipline and/or additional Minor in Engineering in a discipline other than one's own, if he/she completes an additional 20 credits, in addition to basic degree 160 credit requirement. These additional 20 credits could be acquired through MOOCs.

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

As per the AICTE model curriculm, we have added the mandatory courses related to indian knowledge system into our curriculum i.e Universal Human Values (UHV-1) through Induction program for first

year students, YOGA/SPORTS/NSS, Essence of Indian Traditional Knowledge (EITK), Universal Human Values (UHV-2) in 5th semester. Similarly, workshops are arranged for the creation of awareness towards the importance of the Indian language and culture like yoga day, art exhibitions, etc. The institute is in the process to train the faculty in this regard. The Institute does not teach degree courses in local languages i.e Telugu, the course syllabus is taught in the English language only. The institute conducts various cultural programs wherein various competitions like Rangoli, Pottery, Painting/sculpting, Theater/ Skit, Literature, and Food are held through Student Activity Center (SAC).

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

KITSW is implementing OBE as per NEP 2020 into our curriculum: In OBE, the students, have to take the ownership of your learning to master the 21st century knowledge, skills and qualities (KSQs). The outcome-based lecture schedule (OBLS) is designed to implement student-centered active learning pedagogy. OBLS is aimed at involving students in active learning which harness skills. You are no more a passive recipient of knowledge from teacher, but an active learner of 21st century education. In the classroom discussions, students have to actively engage with prior preparation of content. In OBLS, students will be properly guided towards self-learning topics(SLTs), Classroom Discussion Topics(CDTs). OBLS is prepared based on the course content of the recommended course textbook SLTs: The resources (video lectures, handouts) will be posted along with Lecture Summary. Students are advised to engage in self-learning by watching the videos/ reading the handouts or the topics listed from textbook. After completing every SLT, you have to read the lecture summary and solve the lecture level practice problem (LLPs) CDTs: The course faculty will engage students in discussion in the classroom on these topics. As an active learner, you are expected to read the topic as per the resources mentioned in OBLS, and participate in discussion. In the class itself, students are expected to solve all the LLPs listed in the CDT lecture summary, which test your learning outcomes. In student- centered active learning, reading the content from course textbook,as indicated in OBLS, is very essential. So, students are advised to purchase the course textbook and engage yourself in active learning, using the resources,as indicated in OBLS. The students are encouraged to participate in the online courses through different online learning platforms like Couresera, SWAYAM NPTEL, UDEMY, etc. The institute allote faculty incharge for SWAYAM/ MOOCs online course to faciliate the online education to both students and faculty. The institute conducted online lectures and webinars for

the students through Microsoft Teams (MS), Google Meet, etc. where ever required for industry lectures and course handling by industry experts. The institute has adapted a new platform which is called " COURSEWEB", from this platform all students in our campus access the course content through this platform like course video lectures prepared by faculty, Classroom Discusson Topic (CDT) summary, Self learning Topics (SLT) summary, and course PPTs. This is the platform for all the learning material and content development and sharing with the students. Also, KITSW adapted new platofrm for submission of propgraming based assignments (A1 &A2) and special assignments (summary on course patents & course research paper) through 42learn platform, which is specially designed for our students to identify the plagiarism content of each students. All the faculty members have their MS team accounts for effective content sharing for students' learning and recording course video lectures.

20.Distance education/online education:

Distance education / Online learning is promoted in URR18-R22 curicullum therough: 1. Students are encouraged to do NPTEL/SWAYAM courses 2. Honours and Minor in Engineering programs 3. SWAYAM-NPTEL MOOCs for B.Tech Professional Electives 4. Acceleration Program (AP) for B.Tech V & VI semester students 5. Self Learning(SL) for B.Tech VII & VIII semester students   1. Students are encouraged to do NPTEL/SWAYAM courses: Instructions are dessiminated to students with regard to various courses offered by AICTE/SWAYAM/NPTEL platforms. Professor I/c Honours/Minor programms and Faculty I/c HMP will circulate the information to departments. Faculty counsellors (Mentors) will guide students for proper selection of courses. Many students take up AICTE/SWAYAM/NPTEL courses. 2. Honours and Minor in Engineering programs: Student who has completed B.Tech. IV semester in his/ her regular B.Tech. programme without any standing backlogs and with a minimum CGPA of 8.0 shall be allowed to register for Honours or Minor in Engineering.   The Honours course - credit distribution is as below S.No. Type of Honours Course No. of Courses No. of Credits 1. Honours elective courses 6 - 9 18 2. Honours laboratory courses   2   2 Total: 8 - 11 20 The student has to earn 20 credits from the list of courses proposed under Honours Curriculum.   The Minor course - credit distribution is as below S.No. Type of Minor Course No. of Courses No. of Credits 1. Minor compulsory courses 3 18 2. Minor elective courses 3 - 6 3. Minor laboratory courses 2   2 Total: 8 - 11 20 The student has to earn 20 credits from the list of courses proposed under Minor Curriculum.   3. SWAYAM-NPTEL MOOCs for B.Tech Professional Electives: The students of B.Tech have to do six Professional Elective courses (PE-I to PE-

VI). Professional Elective MOOCs: The students are allowed to opt SWAYAM-NPTEL MOOCs for completing the Professional Elective courses. The equivalent SWAYAMNPTEL MOOCs released under professional elective category of URR- 18 shall be considered as PE-MOOCs. 4. Acceleration Program (AP) for B.Tech V & VI semester students: To create ample time during final year to focus on placement internship/ industry connect internship/ industrial project, the pre-final year students are facilitated with acceleration programme (AP). In acceleration programme (AP), the pre-final year students shall be allowed to complete the final year courses i.e., VII & VIII semester courses of URR-18 scheme (except Lab courses & major project), by opting SWAYAM- NPTEL MOOCs, while studying their V and VI semesters. (a) Eligibility: Students who have completed B.Tech IV-semester without any standing backlogs and a minimum CGPA of 8.0 are eligible to take up the acceleration programme. (b) BoS Chair-Releases equivalent MOOCs for final year theory courses in April/May &Nov/Dec: From the list of courses released by the SWAYAMNPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM-NPTEL MOOCs for theory courses. 5. Self Learning(SL) for B.Tech VII & VIII semester students: The final year student need to prioritize their time for multiple activities, which include academic goals like (i) preparation for campus placements (ii) preparation for higher education (GATE/GRE/others) (iii) doing major projects (iv) placement internship/industry connect internship/industrial project (v) research papers/patents and other academic activities. To focus on the above activities, the final year students are given the option to complete the final year courses through self-learning mode. Self Learning Mode: In self learning mode, the final year students shall be allowed to complete their VII & VIII semester courses of the URR-18 scheme online (except lab courses & major projects), by opting for SWAYAM-NPTEL MOOCs during the VII and VIII semesters. (a) Students of VII semester are allowed to take & complete all theory courses of VII semester online during July-Dec session of SWAYAM-NPTEL. Students of VIII semester are allowed to take & complete all theory courses of VIII semester online during Jan-June session of SWAYAM-NPTEL. (b) Eligibility: Only students without backlogs are permitted to take SWAYAM-NPTEL MOOC courses in self learning mode. BoS Chair-Releases equivalent MOOCs for final year theory courses in April/May &Nov/Dec: From the list of courses released by the SWAYAM-NPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM- NPTEL MOOCs for theory courses. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for that academic year/semester, well before the commencement of academic year/semester, preferably in April/May for VII semester courses & in Nov/Dec for VIII semester courses, and get

the options from the willing students to take MOOCs under self learning mode.

Extended Profile

1.Programme

1.1	**18**
Number of programmes offered during the year:	

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

2.Student

2.1	**4772**
Total number of students during the year:	

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

2.2	**1162**
Number of outgoing / final year students during the year:	

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

2.3	**4562**
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	**1194**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**304**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**308**
Number of sanctioned posts for the year:	

4.Institution

4.1	**2346**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**82**
Total number of Classrooms and Seminar halls	

4.3	**1736**
Total number of computers on campus for academic purposes	

4.4	**2151.48**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institute has Vision and Mission to impart quality education to the students by providing skills for employability and to meet industrial needs. Curricula of UG and PG programs are designed in line with Program Outcomes (POs), Program Specific Outcomes (PSOs)

and Program Educational Objectives (PEOs).

Curricula is developed and revised on regular basis, based on inputs from the following:

1. Feedback from stakeholders - to meet local requirements

2. Inputs from industry experts (In & abroad) - to meet industry & global developmental needs

3. Suggestions from academicians of reputed institutions - to meet regional & global needs

KITSW curricula is revised on a regular basis to reflect changes in the needs in the local and global scenario.

1. The procedure for developing curricula is provided below:

2. Course Committees are constituted with senior faculty of the department and those who have taught the course for a minimum of two years.

3. The course committees look into the local, regional, national and global needs and identify the real-world problems which help in preparing the course content.

4. The course contents are put forward to the Board of Studies for approval for necessary inputs and approval.

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

18

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

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

439

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	**No File Uploaded**
Any additional information	[View File](#)

1.2 - Academic Flexibility

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

439

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

18

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 curriculum is well designed to integrate courses related to Environment and Sustainability, Human Values and Professional Ethics to be in line with institution Vision and Mission.**

- **Following courses have been introduced in the curriculum.**

Name of the area

Details of course introduced

Semester/Program

Human Values

U18MH111 Universal Human Values-I

Induction Program

Environment and Sustainability

U18CH109:Environmental Studies

B.Tech. I semester

Personality Development

U18EA110EAA* : Sports/Yoga/NSS

B.Tech. I semester

Professional Ethics

U18MH415:Essence of Indian Traditional Knowledge

B.Tech. IV semester

Human Values

U18MH501:Universal Human Values - II

B.Tech. V semester

Environment and Sustainability

U18EE502A: Renewable Energy Systems

B.Tech. V semester

Environment and Sustainability

OE 701A: Disaster Management

B.Tech. VII semester

Professional Ethics

OE701C: Professional Ethics in Engineering

B.Tech. VII semester

Environment and Sustainability

OE 701D: Rural Technology and Community Developments

B.Tech. VII semester

Environment and Sustainability

P20PE102:Renewable Energy Systems

M.Tech. I semester

India & its traditions

P20AC108B:Sanskrit for Technical Knowledge

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M.Tech. I semester

India & its traditions

P20AC108C:Constitution of India

M.Tech. I semester

Personality Development

P20AC208A:Stress Management by Yoga

M.Tech. II semester

Professional Ethics

P20AC208B:Value Education

M.Tech. II semester

Professional Ethics

P20AC208C:Personality Development through Life Enlightenment Skills

M.Tech. II semester
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File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	[View File](#)
Any additional information	**No File Uploaded**

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

136

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

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

10722

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

3468

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://docs.google.com/document/d/1EFHWy-nBgw83laclmLrSgJJA4j1bRj0U/edit?usp=sharing&ouid=101564788441012265059&rtpof=true&sd=true
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://docs.google.com/document/d/1EFHWy-nBgw83laclmLrSgJJA4j1bRj0U/edit?usp=sharing&ouid=101564788441012265059&rtpof=true&sd=true
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

4772

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)

3366

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.

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Special activities for slow learners:

  1. Bridge courses in basic programming, mathematics, and
     communication skills are conducted for lateral entry students
     to fill the gap between diploma and engineering
  2. Remedial classes/extra classes are conducted for slow learners
     who secured less marks in minor examinations and Mid-semester
     examinations
  3. Special attention/counseling by the counsellors
  4. Faculty members across various departments identify students
     who may be academically challenged and offer them mentoring
     support.
  5. During parent-teacher meetings, faculty members engage with
     parents to identify the reasons behind a student's academic
     struggles and address them effectively.

The faculty of the Institute focuses on advanced learners in the
following aspects:

  1. Advanced learners are guided by faculty to go for additional
     courses with self-learning like NPTEL, MOOCs, encouraged for
     (i) self-learning at final year,(ii) Acceleration Programme
     and (iii) Open and Professional Electives (OE & PE) through
     MOOCs
  2. Exposed to new technologies like IoT, AI & ML, Data science,
     etc.
  3. Encouraged to participate in competitions, Smart India
     Hackathon Smart City Hackathon, challenges, coding contests,
     etc.
  4. Students are encouraged to be members of professional bodies
     like IETE, IEEE, CSI, IEI, SAE
  5. Advanced learners are permitted to take Honors and Minors in
     subsequent years.
  6. Advanced learners areencouraged for Competitive Examinations.
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/17uWXws_fq-d5tP6OMkn-CsPXSAqr9Z8Y/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2024	4772	308

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

- **The Institute practices a teaching methodology that focuses on imparting education through a student-centric approach (after completion of a lecture in class, students are encouraged to discuss the topicand asked to solve lecture-level problems. At the end students are asked to summarize the lecture). This methodology helps to transform students from being relegated to the role of passive recipients toactive and involved stakeholders, apart from boosting their confidence and encouraging independence.**
- **For every courseOutcome Based Lecture Scheduled (OBLS)is prepared and shared to students at the beginning ofthe semester.**
- **Course Web- thelearning management software (LMS) is used. In this CourseWeb, OBLS and session wise summaries are made available for the students in order to support OBE.**
- **Tutorial classesare scheduled for every course.**
- **Problemsolving methodologies are employed through Tutorial classes andProgram based Assignments.**
- **Participative Learning:Expert Talks, Workshops, seminars, MOOCs, Group Discussions and Role plays.**
- **Course Project work will becarried out by interested students related to course.**
- **Mini project and major project work helps the students to do a**

practical/hardware/simulation work as a single/team and employ suitable problem solving methods and contribute to develop a hardware/software product.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The Institute practices a teaching methodology that focuses on imparting education through astudent-centric approach (after completion of a lecture in class, students are encouraged to discussthe topic and asked to solve lecture-level problems. At the end students are asked to summarizethe lecture). This methodology helps to transform students from being relegated to the role ofpassive recipients to active and involved stakeholders, apart from boosting their confidence andencouraging independence.

For every course Outcome Based Lecture Scheduled (OBLS) is prepared and shared to studentsat the begining of the semester.

CourseWeb - the learning management software (LMS) is used. In this CourseWeb, OBLS andsession wise summaries are made available for the students in order to support OBE. Tutorial classes are scheduled for every course.

Problem solving methodologies are employed through Tutorial classes and Program basedAssignments.

Experiential Learning: In the laboratories, student involve in designing, making connections,performing experiments and verifying the results. This helps students to develop practical skills,team work and record writing. Industrial Visits Field works, Industry Oriented Mini Projects/Case studies Community Outreach Programme. Participative Learning: Expert Talks, Workshops, seminars, MOOCs, Group Discussions andRole plays .

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://kitsw.rlabs.in/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

308

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

The Dean for Academic Affairs in consultation with the Principal, Coordinator of the Internal Quality Assurance Cell, Controller of Examinations, and other officials, prepares the Academic Calendar for the effective functioning of the Institution.

The calendar of programmes is printed in the handbook and distributed to all students at the beginning of the academic year. The same is also uploaded on the website. The institution carries out the activities as per the calendar.

The process of academic planning and monitoring will be carried out through a systematic procedure as described below

1. Preparation of the Institute Academic Calendar by Dean Academics
2. Allocation of courses to faculty based on electives considering the student choices, faculty choices, and their expertise
3. Preparation of all timetables (Class/ Class Room/ Lab and faculty timetables):
4. Preparation of OBLS (Teaching Plan), CDLL, and CO allocation

as per the Table of Specifications (ToS)
5. Curriculum Delivery (Theory and Practical Sessions).
6. Teaching Plans: KITSW adopted a new procedure integrating into teaching-learning process which is called Innovation Incubation Research and Entrepreneurship (I2RE).
7. Academic Monitoring: HOD, Principal, and Dean Academics will monitor the progress of syllabus coverage and necessary corrective actions will be taken for filling the gap.

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

308

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded
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

151

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)

2971

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
Upload any additional information	**No File Uploaded**

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

The Information Technology is used for integrating various processes related to the examinations as detailed hereunder. The College Management System (CMS) software is utilized to post all the examination-related information like Assignments, marks secured by the students (in Assignments and MSEs).

Examination fee notification, schedules of examinations (MSE and ESEs), results of ESEs, schedule for revaluation process is posted

in the institute website.

Institute has tied-up with dBase Solutions to ensure 100% automation of examination related processes. A separate server exclusively for the Examination Branch is available in the examination branch to store and retrieve any examination-related data pertaining to any student.

The online payment of examination(s) fee and online registration for the examination(s) (regular and supplementary) have been introduced and being implemented successfully. This Institute has entered into MoU with "Bill Desk" and "Atom" for secured payment gateways.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.kitsw.ac.in/examinations/Examinations.html

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After formulation of POs, PSOs and COs the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

1. Website
2. Curriculum /regulations books
3. Class rooms
4. Department Notice Boards
5. Laboratories

1. The direct method includes the following:

Assessment of theory courses, through internal examinations and end-semester examinations. Assessment of laboratory course, Assessment of Project work is also by internal examinations and end-semester

examinations,

2. The indirect method includes the course end survey and student exit survey.

The overall attainment of the PO is calculated by both direct and indirect assessment; this overall attainment level is compared with the expected level. If the expected attainment level is reached then it is attained.

The revision of the syllabus and the incorporation of new subjects in line with the market requirements suggest how KITSW has prioritized discipline knowledge as first and foremost in learning outcomes and graduate attributes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://kitsw.ac.in/academics/home.html

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

POs, PSOs, and COs are communicated to the teachers and students Attainment of program outcomes and course outcomes are evaluated by the institution. Assessment of learning outcomes is carried out using data collected from direct and indirect methods.

1. The direct method includes the following: Assessment of theory courses, through internal examinations and end-semester examinations. Assessment of laboratory course, Assessment of Project work is also by internal examinations and end-semester examinations,

2. The indirect method includes the course end survey and student exit survey. The overall attainment of the PO is calculated by both direct and indirect assessment; this overall attainment level is compared with the expected level. If the expected attainment level is reached then it is attained.

Attainment of POS is calculated for all courses. For a batch of pass out students overall PO attainment is calculated using Program Articulation Matrix.

DAAC meeting is conducted to review the gaps between attainment and PO targets. Action to be taken are planned to fill the gaps.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://docs.google.com/document/d/1hurvS8ZciA_s0cUdTVAlrUPLwhRvsbSU/edit?usp=sharing&ouid=101564788441012265059&rtpof=true&sd=true

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

1131

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://kitsw.ac.in/homepage_pages/annualreport.html

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://drive.google.com/file/d/1mQLo9ZexAbFZ7sAsO42ZWur85NUN0TAK/view?usp=sharing

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

To encourage research among the faculty, the Institute has the facility of granting study leave,reimbursing a part of the expenditure incurred in establishing the experimental set-ups for

their research and deputing the faculty to national/International conferences with complete registration fee, TA & DA.

Presently the R&D Cell is taking care of:

1. Creation of eco system for innovative and quality research and development environment on the campus

2. Setting up new research centres recognized by Kakatiya University, Warangal and renewal of the existing ones

3. Administration of research scholars joining in various research centres of the institution

4. Encourage the faculty to apply for Faculty Research Incentive Scheme (FRIS) and Faculty Research Support Scheme (FRSS) to publish research in high quality Non-Paid SCI / SCOPOUS Indexed Journals.

5. Supervise the faculty in submitting research projects to various funding agencies

6. Facilitate the Faculty / Staff / Students using AntiPlagiarism (Turnitin) Software

7. Submission of research proposals prepared by faculty members and students to various funding agencies

8. Preparation of annual R&C brochure

9. Setting up new centres of excellence in various departments

10. Authentication of originality in project/thesis reports and paper publications with anti plagiarism software.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	**No File Uploaded**
Provide URL of policy document on promotion of research uploaded on the website	https://www.kitsw.ac.in/research/Research%20 Promotion%20Policy%202021.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)

4.55

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<u>View File</u>
List of teachers receiving grant and details of grant received	<u>View File</u>
Any additional information	**No File Uploaded**

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

6

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	<u>View File</u>
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)

304.37

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	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

8

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

47

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

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

The KITSW has created eco system for innovation and undertaking initiative for creation of transfer ofknowledge to the community. It has established centre for Innovation, Incubation, Research &Entrepreneurship. It has established 5 different centres.

1. AICTE IDEA Lab

2. Institution Innovation Council (IIC)

3. MSME (Micro Small Medium Enterprise) Business Incubation

4. Entrepreneurship Development Cell (EDC)

5. National Innovation Start-up Policy (NISP)

The college has strengthened its research infrastructure by obtaining funds to create conducive researchenvironment and promote research works on the campus. Specialized research equipments and Centralresearch facilities were established.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kitsw.ac.in/i2re/

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

91

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	View File

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

64

File Description	Documents
URL to the research page on HEI website	https://kitsw.ac.in/research/research.html
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

93

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

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

the year

20

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

9526

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

787

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)

19.85513

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	No File Uploaded

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

218230.20

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

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

KITSW proudly conducts many extension activities for the benefit of surrounding community. KITSWstrongly believes that extracurricular activities will open avenues for the students to make socialparticipation and contribute for the social empowerment.

AIMAND OBJECTIVES OF NSS:

To develop comptence required for group-living and sharing of responsibilities

To gain skills in mobilising community participation

To acquire leadership qualities and democratic attitude

To develop capacity to meet emergencies and natural disasters

To practice national integration and social harmony

To understand the community in which they work

To understand themselves in relation to their community.

To identify the needs and problems of the community and involve them in problem solving process.

To develop among themselves a sense of social and civic responsibility.

Under the aegis of NSS, KITSW has conducted following programmes involving the student volunteers:Swatch Bharath,Vanam Manam (Tree plantation program),Legal awareness programme,Blood Donation camp,Clean and Green,Voter's Enrollment, Webcasting state Assembly and parliament, Ban Plastic

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/sac/SAC%20Clubs%20reports/NSS%20Reports/NSS-2023-2024.pdf

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

4

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	[View File](#)

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)

78

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

3966

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

298

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

138

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	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Facilities of Teaching – learning, viz., classrooms, laboratories, computing equipment etc. in the Institute:

1. Class Rooms (No. of class rooms and covered area in sq. Ft.) : 82& 51,932 Sq. Ft.

2.Laboratories (No. of labs rooms and covered area in sq. Ft.): 96 Laboratories (For the academic year2022-2023 the i2RE building with 5 Labs & Block-7 building with 15 Labs are constructed andbrought to use)

3.Central Library: Total Area : 12,497 sq.ft.

4.78 class rooms and 03 Seminar halls with ICT facility,03 Drawing halls and 01Workshops,96 laboratories across all departments Computing facilities as per the norms

5. Internet through LAN and Wi-Fi facility across the campus including hostels 150 access pointsforWi-Fi connectivity

6. NILABVIEW, Cadence Tool, ANSYS,MATLAB, e-CAD, and open source softwares

7. Dedicated Research laboratories for all departments

8. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium,auditorium etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.kitsw.ac.in/Amenities/Infrastructure%20facilities.pdf

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

Facilities for Sports:

The institution is committed to motivate students for participating

in various extra curricular activities byensuring consistent motivation, sports complex was spread with an area of 54,000 Sq.mts with necessaryfacilities and adequate funds are allotted.

The Sports and Cultural Committees supervise theextracurricular activities. The institution is having a separate Physical Education Department withqualified Physical Director to train the students and to promote interest in Sports and Games.

Gymnasiums with required facilities are made available to the boys and girls separately to keep theirbody fit. Daily 250 to 300 students are utilizing the ground facilities.

A number of yoga classes areconducted in the campus through qualified trainers from outside.

Facilities for Cultural Activities: Aseparate cultural hall provides ample opportunity to the students to nurture their musical bent of mind.Training for the following instruments is arranged by external experts: Maddela, dholak, veena, violin,kanjeera, pads and keyboard Institution is striving to fulfill the axiom "Student needs healthy body andsound mind" through institute's yoga center. A trained GURU imparts techniques to tame the body andmind.

The college has an auditorium and is used for conducting all types activitiesrelated to students aswell faculty, SUMSHODHINI andSANSKRITHI day celebrations.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://kitsw.ac.in/departments/Phy_dept/Play_fields.html

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

82

File Description	Documents
Upload any additional information	View File
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)

693.60308

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)

Library Automation: The library software was developed by Department of CSE. Some of the libraryfunctions like circulation, OPAC and office functions have been computerized. Bar-coding technologyhas been introduced at circulation counter.

The Central Library supports the teaching learning program of the Institute. It provides reading &lending facility to the users. It is located in the ground floor of Block II.. It has a collection of 86,872books with 16,605 Titles, back volumes, pamphlets, standards, CD-ROMs, Video cassettes etc. Itreceives 156 National and International Journals and provides Remote access (through Knimbusplatform) to 9358 – E Journals, 6022 – E-Books, 50866- Journals & Articles thorough AICTErecommended Journal Subscriptions.

The institute has the subscription of AICTE recommended E-Journals package with which we can accessE-Journals & E-Books of ASCE, ASME, ELSEVIER-Science Direct, IEEE, Springer Links, J-GATE(S&MS), Taylor & Francis, NDL and N-List.

FACILITIES & SERVICES:

Remote Access facility for E-resources.

Library Automation with Barcode facility.

OPAC (Online Public Access Catalogue)

Reading room with 12 newspapers and 24 magazines

Reference section with 156 technical journals, back volumes & reference books.

Reprographic facility

Digital Library with 25 Computers

NPTEL Laboratory with DLP Projector & Screen

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/Library/home.html

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	**No File Uploaded**
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)

23.96013

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

431

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

Kakatiya Institute of Technology and Science, Warangal has an IT policy covering Wi-Fi, cybersecurity, etc. and has allocated budget for updating its IT facilities KITSW Institute is having campusnetwork with Optical Fiber Cable (OFC) as back bone supporting different services like audio, videostreaming and telephone network with 1.5Gbps one-one internet connections to all the systems. Wireless

coverage for all the connected devices in entire campus is also been provided. The bandwidthwas increased to 1.5Gbps from vaishnavi online and BSNL services .The entire college campus covered with 200 Wi-Fi Access points to access Internet and Intranet educational resources. The Wi-Fi facilityhas been extended to all the hostels connected through Wireless bridges with Fiber optic cable. All the

access points are password protect. MAC filtering for device registration is applied for Wirelessdevices/Laptops. Protection of College IP address Web filtering option Application filtering Webpolicy and Filtration: The College has adapted the web policy and applied filtration forum healthy andnon working websites. The websites are classified as Productive, Neutral, Unhealthy, and Non

working.

The primary usage of IT resources is for academic and research purposes.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.kitsw.ac.in/Academic_support_center/pdfs/CNI/CNI%20annual%20Report%202023-24.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4772	**1736**

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	**A. All four of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kitsw.rlabs.in/
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)

2257.43488

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

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

The Institute adopts regular maintenance of the infrastructure of

Buildings/Roads

Generators

Electrical Installations

Solar Captive power plant

Water Supply and storage

Fire Fighting Equipment

Library

Sports complex

Classrooms, Laboratories

Seminar Halls.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/Amenities/pdfs/7.1.6_all%20recognition%20certificates%20with%20sign.pdf

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

2697

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	**No File Uploaded**

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

56

File Description	Documents
Upload any additional information	**No File Uploaded**
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://www.kitsw.ac.in/departments/Training_placement/activities.html
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

116

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

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

638

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

310

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	No File Uploaded
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

327

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

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

11

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

Student Council is constituted in the Institution from academic year 2013-14.

OBJECTIVE OF THE STUDENT COUNCIL:

To make the students to participate in the development of the institute and develop their career, personality and organisational skills through interactive programs with the faculty, administration and society.

COMPOSITION OF THE STUDENT COUNCIL:

1. **One student from each section of I/IV B.Tech**
2. **One student from each branch / section of II/IV B.Tech**
3. **One student from each branch/ section of III/IV B.Tech**
4. **One student from each branch/ section of IV/IV B.Tech**
5. **One M.Tech student from each Engg. Department**
6. **One student from MBA Program**
7. **One student from research scholars of recognized research centre**
8. **Five students to be nominated by the Principal representing various sections of student community such as foreign students, girl students etc.,**
9. **General Secretaries of various clubs.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/sac/pdf/GS%20&%20JS%20of%20SAC%20Clubs%20AY%202023-24.pdf

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

4

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

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

ALUMNI are well placed and very supportive: It has been a source of inspiration to all of us. KITS Warangal Alumni Association (KITSWAA) registered with No. 292/2007. KITSW Alumni has three chapters i.e. Hyderabad, Warangal and also U.S.A. Alumni working in prestigious organizations are made part of administrative positions such as member of Board of Studies, Governing Body, Academic Council and Staff Selection Committees. Alumni are guiding in academic matters i.e., designing curriculum, syllabus of courses, providing internships and placements. KITSWAA NEC, the past presidents and the present president Sri Sridhar Nagulavancha of 1989-93 have been a great helping hand to the institute.

Vision & Mission

1. **To link all the Alumni members with theAlma Mater**
2. **To update Alumni members about the activities ofKITSand theAlumni associationwith a quarterly news bulletin.**
3. **Organizing theguest lecturesto disseminate and update the knowledge of the students with the latest information.**

Alumni web site: https://alumni.kitsw.ac.in/

Alumni Meet and Silver Jubilee Reunion Batch (for class of 1998) was organized on 23rd December, 2023 (https://www.kitsw.ac.in/homepage_pages/SJR-alumni-1998.html)

Alumni Meet and Silver Jubilee Reunion Batch (for class of 1999) was organized on 22nd June, 2023 (https://www.kitsw.ac.in/homepage_pages/SJR-alumni-1999.html)

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.kitsw.ac.in/

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision, following Mission is practiced:

1. **To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced.**

NEP Implementation:

KITSW is implementing OBE as per NEP 2020 into our curriculum, In OBE, the students, have to take the ownership of your learning to master the 21st century knowledge, skills and qualities (KSQs).

The outcome-based lecture schedule (OBLS) is designed to implement student-centered active learning pedagogy. OBLS is aimed at involving students in active learning which harness skills.

In the classroom discussions, students are actively engaged with prior preparation of content. In OBLS, students will be properly guided towards self- learning topics(SLTs), Classroom Discussion Topics(CDTs).

The students are encouraged to participate in the online courses through different online learning platforms like Couresera, SWAYAM NPTEL, UDEMY, etc.

Sustained institutional growth:In order to enhance the teaching learning and research institute has adapted industry corroboration in the form of MoUs, establishing center of Excellences (CoEs), collaborative skill development programs through Innovation Incubation Research and Entrepreneurship (I2RE) center and industry-Institute Interation (I3C) cell. To promote quality research, the institute has adapted new ARCIT policy.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.kitsw.ac.in/administration/governing_body.html

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

The management of the institute provides effective academic leadership to the faculty, by setting goals and involving them in participative decision-making process, not only to achieve the vision, mission and goals of the institute, but also in building the organizational culture. The Principal permits the HODs and staff members in performingfreely in the academic activities and administrative programmes such as departmental activities, allotment of workload,various academic activities, association and club activities.

The perspective plan for the institution is being defined based on the suggestions from IQAC, Governing Body and Academic Council. In order to achieve these goals, action plans and their implementations is carried out through Academic Advisory Committee(AAC), BoS, AdministrativeCommittee, Deans and Heads of the departments.

The institute nominated faculty incharge/mentors for SWAYAM/ MOOCs online course to facilitate the online education to both students and faculty.To promote Multidisciplinary/Interdisciplinary learning the students are given an option to choose the advanced course and inter disciplinary courses through the Honor and Minor curriculum framework.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.kitsw.ac.in/administration/Principal_deans.html

6.2 - Strategy Development and Deployment

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

STRATEGIC PLAN 2020-2025:

In the next five years, we will focus our work in four areas, to ensure imparting quality education and creating industry-ready engineers. Areas of Focus:

1. Outcome based education is to be implemented in its true spirit

2. Faculty should take up quality research and publish in quality journals and work for IPRs

3. Faculty should integrate their research expertise in course teaching 4. Expose students to innovation, incubation, research and entrepreneurial activities and make them life-long learners.

SHORT TERM GOALS:

? Making outcome based education, the face of the institute

? Establishing full-fledged Center for Innovation incubation Research and Entrepreneurship (I2RE) and involving alumni-entrepreneurs for supporting innovation eco-system & start-ups

? Industry relevant curriculum design, feedback on continuous improvement in curriculum design, course teaching, student internships and collaborative work on real world engineering problems

? Collaboration with institutes of national importance: Through these collaborations, we concentrate on areas of joint research programs, student and faculty exchange, academic assistance for

doctoral research, cultural exchange and summer schools.

LONG TERM GOALS:

? International Collaboration: Collaboration with foreign universities in the areas of faculty research, faculty and student exchange

? Taking the institute to Deemed to be University status

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/about_kitsw/milestones.html
Upload any additional information	**No File Uploaded**

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

KITSW is approved by the AICTE, New Delhi and recognized by the UGC under section 2(f) and 12(b) of UGC Act 1956. The UGC, New Delhi granted autonomous status in 2014 under KU, Warangal. It is accredited by NAAC with A Grade (CGPA:3.19/4.0).The Government of India's NIRF 2024 placed KITSW in the band of 201-300. The Ministry of MSME, Government of India recognized KITSW as host Institute to setup Business Incubator. The AICTE-CII Survey of Industry linked Technical Institutes Ranked KITSW as GOLD CATEGORY Institute since 2015.

Areas of Focus:

1. **Outcome based education is to be implemented in its true spirit**
2. **Faculty should take up quality research and publish in quality journals and work for IPRs**
3. **Faculty should integrate their research expertise in course teaching**
4. **Expose students to innovation, incubation, research and entrepreneurial activities and makethem life-long learners**

The service rules are formulated by the governing body of the Institution, in accordance with the provisions of AICTE norms, Govt.

of Andhra Pradesh and Kakatiya University rules and regulations. The service rulebook called "Administrative Manual" comprises of the following heads under which the related rules are clearly defined.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.kitsw.ac.in/homepage_pages/KITSW_Organizational%20chart_24.09.2019.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Performance appraisal system:

Since inception, the Institute is in practice of getting confidential report about the performance ofthe teaching and non-teaching staff through their Heads of Departments/Section heads in aprescribed proforma. The proformas are being modified from time to time. After theimplementation of VI pay Scales to the teaching staff of the Institute, the PBAS has beenintroduced as per the guidelines of the AICTE till for the A.Y 2021-22.

Two types of Proforma are being used for this purpose (i) for Teaching Staff and (ii) forNonTeaching Staff.

The PBAS proforma has been revised to AICTE 360 degree feedback form as per AICTE VII payguideliness on 10 point scale w.e.f 2022-23.

The non-teaching performance will be evaluated on the performance of the incumbent inlaborartory, capability in discharging other responsibilities assigned to him from time to time bythe Head of the Department/Section & Institute.

Welfare measures for teaching and non-teaching staff:

The institution has effective welfare measures for teaching and non-teaching staff as follows:

Group Serving Linked Insurance Policy

Gratuity Scheme

Staff Quarters

EL Encashment facility for Teaching and Non Teaching at the time of retirement

Indoor and Outdoor stadia for physical fitness with Gym facility

Canteen facility

Yoga centre

Health Center for staff with free Medical facility and conduct Health checkups

Casual Leave

Special Casual Leave

On Duty Leave

Earned Leave

Half Pay Leave/Commuted Leave

Study Leave

Maternity Leave

Paternity Leave.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/homepage_pages/Administrative%20Manual.pdf

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

17

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[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

21

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	**No File Uploaded**

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

268

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	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

KITSW strictly believes in following all statutory requirements for all audits and accounting practices.The Institution conducts internal and external financial audits regularly. As part of this mechanism,Institute conducts internal financial audit by presentingoutcome budget, Income and Expenditure details,Receipts and Payments, Budgetary obligations in College Management Committee for discussion and

communications.The audit objections, if any will be discussed with college management. Our Instituteconductedexternal financial audits regularly and the copiesof audited statements placedin collegewebsite. The external audit is conducted once in a year. The external auditis carried out by M/s SCV &AssociatesChartered Accountants (Regn.No.217047). The queries which are raised are put before the

Principal who clarifies & rectifies before finalizing the accounts. ThePrincipal and AdministrativeOfficer (AO) contemplates and decides to appoint an Audit Sub-Committee that attends all the queriesraised by the internal auditteam and external auditors. External Auditors who are certified CharteredAccountants preparethe Audited financial statements including Income and Expenditure details, AuditedReports and then the same is filed in the Income-Tax Department.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.kitsw.ac.in/Audit%20Reports.html

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)

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0.44969
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File Description	Documents
Annual statements of accounts	*View File*
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	*View File*
Any additional information	**No File Uploaded**

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

The financial management and resource mobilization is monitored by the institute. There are established procedures and processes for the planning and allocation of financial resources. The institution has developed strategies for mobilizing resources and ensuring transparency in the financial management of the institution. The income and expenditure of the institution are subjected to regular internal and external audits. The finance committee of the institute meets every year and deliberates about the financial planning & position of the institute. The financial resource management is supported by the institute strategic plan which includes building endowment assets, financial best practices in the deployment of resources making creative and effective use of resources with the use of high functioning information technology infrastructure.

Broadly the resources are required for various purposes like administration academic, affiliation, infrastructure, development, and maintenance, and for miscellaneous. To ensure proper and optimum use of the resources a strict budgetary control on expenditure is exercised as per the provision of the act. The internal and external audits are also carried out regularly and audit objections are taken care of.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.kitsw.ac.in/Audit%20Reports.html

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 of KITSW has been constituted as per norms. IQAC delegates tasks to be conducted during theacademic year to various committees and cells. The academic and administrative activities on going aremonitored through Deans, HoDs and Faculty Incharges of various cells.

Regular Academic activities are scheduled and the progress of T-L process through HoD. RegularAcademic Advisory Committee meetings are held to ensure the quality of outcome basededucation. Progressive action is taken based on the evaluation of Course Committee Meeting (CCM),Class Representative Committee (CRC) meeting and Mid-Semester and course exit studentfeedback. Based on the requirement, additional classes are arranged for slow learners.

Regular FDPs/ Workshops are conducted for improvement of T-L process. Faculty are encouraged toattend National and International Seminar / Conferences. PBAS system with 360 degree feedback isimplemented for faculty performance evaluation as per AICTE regulations. Promotions and incrementapprovals are processed through IQAC. Annual reports and institute brochures are released yearly.

The practices that are institutionalized as a result of IQAC initiatives are:

1. Academic and Administrative Audit (AAA) with external experts

2. Implementation of learner centric NEP2020 into teaching and learning

3. Innovation, Incubation, Research and Entrepreneurship (IIRE) culture in TLP.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kitsw.ac.in/iqac/Internal_Quality_cell.html#

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

Department Academic Advisory Committee (DAAC) meeting is conducted every year at the end ofthe academic year, to review onCourse Outcome attainment and Program Outcome attainmentfor all programs and actions to be taken are chalked out for the identifiedgaps. IQAC considers the minutes of DAAC meeting and feedback from stakeholders for minor or major revision of syllabi or curriculum.

Outcome based Education (OBE) cell is formed with senior faculty as Professor I/c. This cell gives the academic calendar to be followed for teaching learning process, assessment of students' learningthrough continuous internal evaluation and monitors the actions planned by the departments to meet the gap.

Through this procedure following reforms are incorporated:

1.Integration of Research & Entrepreneurship in Outcome based Teaching & Learning

2. Additional Learning facility

3. Self-learning or Advance learning facility

4. Inclusion of current trend courses into curriculum:

5. Establishment of Innovation, Incubation, Research & Entrepreneurship Centre (I2RE centre)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kitsw.ac.in/iqac/IQAC%20policy.pdf

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://www.kitsw.ac.in/homepage_pages/annualreport.html
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

Kakatiya Institute of Technology and Science, Warangal initiated a good number of measures for GenderEquity. KITSW approximately having around 40% of female staff and around 45 % of female studentsKITSW management encourages the women faculties to lead the departments as heads, professors in chargeof various institutional bodies, and Deans of various sections.

Female students are also encouraged totake part in all activities related to departments and Institution levels and also to lead

curricularand co-curricular activities.Students of this institution used to be sensitized on Gender - Equitythrough webinars, seminars, and counselling and guidance sessions by internal and external experts.

The women's cell 'Sahasra' of KITS, Warangal is established to empower the women staff and girl students, in overcoming the deficiencies if any.

Women Grievance cell:Women Grievance Cell has been established in the Institute under the Act No 20 of 1990 of Govt. of India. The objective of 'Women's Grievance Redressal Cell' is to ensure safe and conducive environment for the female employees and students.

Common Rooms:In the institute, separate girl common room is provided, which is used during the leisure time, lunch hoursand biological clock hours or as per the need.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.kitsw.ac.in/Academic_support_center/womens_cell.html

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	No File Uploaded

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

Institution has taken many initiatives towards waste management.

The Institute follows the principle of 3R (Reduce, Reuse and Recycle) to meet its objective of sustainable development.

Solid waste management:

- **Solid waste in the campus is collected using green bins at appropriate places in the campus, where the plastics and non-decomposable solids are separated and are sent for recycling. The decomposable solids are dumped into compost pits where it is decomposed into manure, which is used as manure for growing plants in the campus.**

Liquid waste management:

- **The Institute has Installed a 350 KLD Sewage Treatment Plant (STP) based on Moving Bed Bio Reactor (MBBR) technology. The water is treated based on MBBR technology and is further ozonised. The recycled water is used for watering trees, plants, lawns, nursery plantation and for flushing toilets in buildings.**
- **The toilet waste is collected through piping system and discharged into septic tank.Liquid waste generated from canteen comprises of food wastes, dairy products and domestic waste water is discharged in soak pit.**

E-waste management:

- **E-waste produced in the institute will be dispensed with by calling quotations. Whereas out dated and scrap e-waste is handed over to local authorised scrap vendor.**

The institute does not generate hazardous waste, radioactive waste and biomedical waste.

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

campus

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	**No File Uploaded**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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

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	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The institute through its practices and activities is successful in creating a unity among all stakeholders belonging to different religions, castes and beliefs. Institute has taken efforts for sensitizing the studentsabout cultural, regional, linguistic communal and socioeconomic diversities of the state and the Nation. Institute has undertaken various initiatives in the form of celebration of days of renowned personalities, National festivals,

NSS and other activities to provide for ergonomic environment by carrying students and staff with varied background on single platform for creating all-inclusive environments.

The Institute has conducted several programs for providing an inclusive environment. It has takenvarious initiatives for promoting tolerance and harmony towards cultural, regional, linguistic,communal, socio-economic, and other diversities.The institution provides an eco-system and enabling environment for the co-existence of people comingfrom different cultures, regions, linguistics, and other socio-economic diversities.

The staff and students belong to different communities. Yoga, guided meditation sessions, and seminars on human values are organized everysemester to create a coherent environment and respect for the individual. To promote cultural andregional heritage with diversity KITSW conducted cultural programs by people of eminence in severalfields. Every year KITSW NSS Cell conducts Special Camps in villages for NSS volunteers.

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:

The Institute organizes various programs from time to time for the promotion of Constitutional values rights, duties, and responsibilities of citizens. The Institute designs various activities to create awareness about the national identity and symbols. Moreover, these are aimed to familiarize its stakeholders with Fundamental Duties and Rights. KITS Warangal celebrates Independence Day on the 15thof August every year in. The day marks the importance of freedom, on this day, a Flag hoisting ceremony is organized followed by a recitation of the National Anthem. Every year on 26thJanuary, KITSW celebrates Republic Day with great gratification to honor the date on which the constitution of India came into effect. KITSW organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. KITSW organizes a Blood Donation Camp every year.KITSW celebrates World Environment Day on the 5thof June every year to ensure that Environmental concern is addressed.

Similarly, KITSW organizes a Swachh Bharat Cleanliness Drive. The drive is aimed to promote the importance of cleanliness. The employees and students of the institution are provided with an awareness of constitutional provisions by conducting seminars and workshops by Advocates, and Judges periodically. One course is designed on the values, rights, duties, and responsibilities of citizens and offered in the curriculum as a credit course.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	A. All 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	No File Uploaded
Any other relevant information	View File

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

Institutioncelebrated various days Independence Day, Republic Day, Nation Marathi Bhasha Din ,Birth Anniversary of Swami Vivekananda, Birth Anniversary of Dr. Sarvapalli Radhakrishnan. The institution does not lag behind in organizing important events. The institution

organizes all these activities throughout the academic year. All these activities of celebrations and organizations of important events, commemorative days and festivals have become instrumental and helps building today's youth. Importance of national festivals and events preach them and remind them about our country's cultural heritage and history.

Also, progrmmes such asAzadi ka Amrit Mahotsav,The triumph of Chandrayaan-3 are organised.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

BEST PRACTICE-I

1. Title of the Practice Integrating Research & Entrepreneurship activities in Outcome based Teaching & Learning

2. Objectives of the Practice Outcome based education ensures students to acquire desired knowledge and skills at the end of the programme.

The objectives of this practice are to:

i. impart relevant 21st century skills to students for industry 4.0

ii. inculcate self-learning ability to students

iii. orient students towards lifelong learning iv. foster innovation and entrepreneurial skills.

BEST PRACTICE - II:

1) Title of the Practice: Student Alliance for Innovation and

Leadership (SAIL) by Centre for Innovation, Incubation, Research and Entrepreneurship (i2RE)

2) Objective of the Practice: Student Alliance for Innovation and Leadership is a platform dedicated to foster a culture of innovation, incubation, research, and entrepreneurial skills among our student community. This initiative aims to empower students to channelize their creativity, knowledge, and ideas into impactful projects, events, and initiatives that contribute not only to student's personal growth but also to the growth of the institution.

File Description	Documents
Best practices in the Institutional website	https://www.kitsw.ac.in/iqac/Internal_Quality_cell.html#
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)

1. **The Institutes Vision and Mission statements imbibes its distinctive features in improving the quality of human life by fostering global competencies among students. Also making them ethically strong by inculcating value system while promoting technological advances in endeavoring quest for excellence.**
2. **The Institution focuses on the holistic development of students through its Core Values which enables to nurture future citizens who in turn, will contribute for our Nation Building.**
3. **We at KITSW value Integrity, Diversity, Excellence, Accountability and Quality fostering global competencies among student fraternity.**
4. **Aiming at imparting quality education, our vision is to focus upon thrust areas like implementing Outcome Base Education (OBE) in true spirit. The Institution has its uniqueness in delivering the OBE through quality classroom lectures using ICT tools. COURSEWEB is a unique application developed by the institute which serves as a single window for all the resources pertaining to a course such as Course Objectives and Outcomes, Syllabus, Outcome Based Lecture Schedules (OBLS), Tutorials, Course Patents, Course Research Publications etc .**

The Institute in its endeavor to foster global competencies to student community, created an ecosystem which promotes Innovation Incubation Research and Entrepreneurship (I2RE) culture among the students.

File Description	Documents
Appropriate link in the institutional website	https://www.kitsw.ac.in/iqac/7.3.1%20_Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Institute has strategic plan and proper planning &implementationthrough continuous discussions and deliberations.

Plan of action for academic year 2023-24 are chalked out for implementation from A.Y. 2024-25:

1. Implementation of new curriculum as per NEP2020 in true sense. This new curriculum should include activity based courses, industry designed courses and skill oriented courses.
2. Introduction of multiple entry and multiple exit option in UG admissions
3. Introduce value added courses on various areas as specified by UGC and NEP2020.
4. To provide environment to students in product development and encourage towards innovation and startups.