



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	KAKATIYA INSTITUTE OF TECHNOLOGY AND 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	7382564888
• Alternate phone No.	9959204320
• Mobile No. (Principal)	7382564888
• Registered e-mail ID (Principal)	principal.kitswgl@gmail.com

• Address	opp. Yerragattugutta, Hasanparthy, Hanamkonda, Telangana, 506015
• City/Town	Hanamkonda
• State/UT	Telangana
• Pin Code	506015
2. Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	19/06/2014
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Prof.C.Venkatesh
• Phone No.	7382564888
• Mobile No:	9440031922
• IQAC e-mail ID	iqac@kitsw.ac.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://kitsw.ac.in/iqac/Internal_Quality_cell.html
4. Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://kitsw.ac.in/academics/Almanac_Autonomous-2021-22.html

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.21	2018	02/11/2018	01/11/2023

6. Date of Establishment of IQAC

03/12/2012

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	SERB-CRG	04/05/2021	3861264
Physical Sciences (PSS)	SERB	SERB	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

10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

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

To inculcate research and innovation among the students, I2RE Integrated 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 2020, 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
Softskill and CRT programmes Substantial increase in placements	English Communication Skills improved better performance in GRE, IELTS to secure admissions in top institutions in abroad
Faculty Development Programmes two per department per year	To enrich research activity among the faculty 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

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)	26/02/2022

14. Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2023	14/02/2023

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.

Curricular Framework 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

6.	Honours degree typically refers to a higher level of academic achievement at an undergraduate level. It allows students to officially explore different areas of their discipline of engineering by doing additional advanced level courses.
7.	This facility for additional learning leading to Honours is applicable for the batches admitted from AY 2018-19.
8.	Honours degree is advantageous to those who wish to augment their engineering discipline with advanced level courses. Honours degree prepares student for higher-degree study at master's and PhD level

	demonstrating a higher capacity for independent learning, advanced research with wide range of employment opportunities.
9.	The students opting to pursue a Honours, have to earn 20 credits by choosing six (6) to nine (9) theory courses and two (2) laboratory courses prescribed in the Honours Curriculum.

10. The departments shall propose their Honours Curricula as per the following guidelines.

a.	Honours curriculum is composed of two components viz.,	
	i.	Honours elective courses and
	ii.	Honours laboratory courses
b.	Honours elective courses	
	i.	Fifteen (15) elective courses are to be listed
	ii.	Student has to choose six (6) to nine (9) theory courses out of fifteen (15) listed courses and earn eighteen (18) credits
	iii.	In exigency situations such as the student already completed any listed elective courses(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents
c.	Honours laboratory courses	
	i.	Three (3) to four (4) laboratory courses are to be listed
	ii.	These labs shall mostly be on advanced level simulation courses using simulation software available in research labs
	iii.	Student has to choose two (2) laboratory courses and earn two (2) credits
d.	Theory courses can be of 2 or 3 or 4 credits each	
e.	Laboratory courses are of 1 credit each	

11. 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
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12. The student has to earn 20 credits from the list of courses proposed under Honours Curriculum.

a.	Eighteen (18) credits for all the theory courses shall be acquired through MOOCs only	
	i.	For this, by end of April of every academic year, the department shall
	A.	notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the courses listed under Honours curriculum
	B.	propose a new course(s) in the place of any course(s) listed under Honours curriculum, in case no equivalent course is found in MOOCs
13.	Student shall be permitted to take a maximum of 2 theory courses and one laboratory course during any semester for additional learning towards Honours curriculum	
14.	Student shall take laboratory courses, listed under Honours curriculum, in the parent-department during inter-semester break and complete the laboratory course with a course project.	

GUIDELINES FOR MINOR CURRICULA

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

6. This facility for additional learning leading to Minor in Engineering is applicable for the batches admitted from AY 2018-19.

7.	A Minor in Engineering is advantageous to those who wish to augment their major engineering discipline with other engineering courses. It can add value to their academic background for higher studies, allows them to take up interdisciplinary research and throws good opportunities in industry.
8.	The students of other departments opting to pursue a Minor Degree in Engineering, have to earn 20 credits by choosing six (6) to nine (9) theory courses and two (2) laboratory courses prescribed in the Minor Curriculum.

9. The departments shall propose their Minor Curricula as per the following guidelines

a.	Minor curriculum is composed of three components viz.,	
	i.	Minor compulsory courses,
	ii.	Minor elective courses and
	iii.	Minor laboratory courses
b.	Minor compulsory courses	
	i.	Three (3) compulsory courses are to be listed
	ii.	Student has to earn credits in these courses

c.	Minor elective courses	
	i.	Fifteen (15) elective courses are to be listed
	ii.	Student has to choose three (3) to six (6) theory courses out of fifteen (15) listed courses to accumulate required credits
d.	In exigency situations such as the student already completed any listed compulsory courses(s) or elective course(s) on his/her own interest during previous semesters through MOOCs etc, the HoD in consultation with Dean-AA shall offer an alternative course(s) for the specific scenario, after verification of relevant documents	
e.	Minor laboratory courses	
	i.	Three (3) to four (4) laboratory courses are to be listed
	ii.	These labs shall mostly be on exposing student to core areas and also branch specific simulation software
	iii.	Student has to choose two (2) laboratory courses and earn two (2) cred
f.	Theory courses are of 2 or 3 or 4 credits each	
g.	Laboratory courses are of 1 credit each	

10. 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	
2.	Minor elective courses	3 - 6	18
3.	Minor laboratory courses	2	2
Total:		8 - 11	20

11. The student has to earn 20 credits from the list of courses proposed under Minor Curriculum.

a.	Eighteen (18) credits for all the theory courses shall be acquired through MOOCs only	
	i.	For this, by end of April of every academic year, the department shall
	1.	notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Minor curriculum
	2.	propose a new course(s) in the place of any listed course(s) in the Minor curriculum, in case no equivalent course is found in MOOCs
b.	For the credits identified under laboratory courses, the department shall offer the prescribed laboratory courses. Students shall have to register those courses and earn two (02) credits	
12.	Student shall be permitted to take a maximum of 2 theory courses and one laboratory course during any semester for additional learning towards	

	Minor in Engineering curricula
13.	Student shall take laboratory courses, listed under Minor in Engineering curricula, in the minor-department during inter-semester break and complete the course with a course project

14. KITSW allows students take Minor in the following engineering/technology disciplines and allied areas:

a.	Minor in Civil Engineering
b.	Minor in Mechanical Engineering
c.	Minor in Electronics & Instrumentation Engineering
d.	Minor in Electrical Engineering
e.	Minor in Computer Science and Engineering
f.	Minor in Information Technology
g.	Minor in Electronics and Communication Engineering
h.	Minor in Mathematics
i.	Minor in Physics
j.	Minor in Chemistry
k.	Minor in Management
l.	Minor in English

16.Academic bank of credits (ABC):

As per the guideliness from the University Grants Commission(UGC), our institution has registred 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)

Details of student records uploaded in DigiLocker NAD website

S.No.	Academic Year	Batch	Semester	Type of Examination	Month & Year of Examination	No. of Records
1	2014-15	2014-18	I Semester	Regular	January, 2015	708
2	2014-15	2014-18	II Semester	Regular	May, 2015	707
3	2015-16	2014-18	III Semester	Regular	November, 2015	820
4	2015-16	2014-18	IV Semester	Regular	April, 2016	816
5	2016-17	2014-18	V Semester	Regular	November, 2016	785
6	2016-17	2014-18	VI Semester	Regular	April, 2017	784
7	2017-18	2014-18	VII Semester	Regular	November, 2017	762
8	2017-18	2014-18	VIII Semester	Regular	April, 2018	757
9	2015-16	2015-19	I Semester	Regular	December, 2015	832
10	2015-16	2015-19	II Semester	Regular	May, 2016	830
11	2016-17	2015-19	III Semester	Regular	November, 2016	982
12	2016-17	2015-19	IV Semester	Regular	April, 2017	978
13	2017-18	2015-19	V Semester	Regular	November, 2017	974
14	2017-18	2015-19	VI Semester	Regular	May, 2018	974
15	2018-19	2015-19	VII Semester	Regular	November, 2018	962
16	2018-19	2015-19	VIII Semester	Regular	April, 2019	962
17	2016-17	2016-20	I Semester	Regular	December, 2016	833
18	2016-17	2016-20	II Semester	Regular	May, 2017	834
19	2017-18	2016-20	III Semester	Regular	November, 2017	993
20	2017-18	2016-20	IV Semester	Regular	June, 2018	984
21	2018-19	2016-20	V Semester	Regular	November, 2018	971
22	2018-19	2016-20	VI Semester	Regular	April, 2019	956
23	2019-20	2016-20	VII Semester	Regular	November, 2019	946
24	2019-20	2016-20	VIII Semester	Regular	September, 2020	945

25	2017-18	2017-21	I Semester	Regular	December, 2017	876
26	2017-18	2017-21	II Semester	Regular	May, 2018	872
27	2018-19	2017-21	III Semester	Regular	November, 2018	1041
28	2018-19	2017-21	IV Semester	Regular	April, 2019	1035
29	2019-20	2017-21	V Semester	Regular	November, 2019	1014
30	2019-20	2017-21	VI Semester	Regular	October, 2020	1013
31	2020-21	2017-21	VII Semester	Regular	January, 2021	1040
32	2020-21	2017-21	VIII Semester	Regular	May, 2021	1040
33	2018-19	2018-22	I Semester	Regular	December, 2018	883
34	2018-19	2018-22	II Semester	Regular	April, 2019	876
35	2019-20	2018-22	III Semester	Regular	November, 2019	969
36	2019-20	2018-22	IV Semester	Regular	October, 2020	971
37	2020-21	2018-22	V Semester	Regular	January, 2021	996
38	2020-21	2018-22	VI Semester	Regular	June, 2021	998
39	2019-20	2019-23	I Semester	Regular	December, 2019	944
40	2019-20	2019-23	II Semester	Regular	October, 2020	946
41	2020-21	2019-23	III Semester	Regular	January, 2021	1071
42	2020-21	2019-23	IV Semester	Regular	June, 2021	1070
43	2020-21	2020-24	I Semester	Regular	April, 2021	979
44	2020-21	2020-24	II Semester	Regular	July, 2021	980

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 courses 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), workshops 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 curriculum, 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.

20.Distance education/online education:

The students are encouraged to participate in the online courses through different online learning platforms like Coursera, 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. during the pandemic.

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 proprogramming 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.

Almost all faculty members have their MS team accounts for effective content sharing for students' learning and recording course video lectures.

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

22

File Description

Documents

Institutional Data in Prescribed Format

[View File](#)

2.Student

2.1

Total number of students during the year:

4505

File Description

Documents

Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1161
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	8579
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	1039
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	286
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	286
4.Institution	

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	874
4.2 Total number of Classrooms and Seminar halls	82
4.3 Total number of computers on campus for academic purposes	1916
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1317.62

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.

KITSW curricula is revised on a regular basis to reflect changes in thents in the local and global scenario. The POs, PSOs and Cos are measured by the faculty members of the institute.The learning objectives for different programmes at KITSW are designed and delivered with consideration for Issues related to local, national, regional and global developmental needs are included in the curricula.KITSW faculty is grouped under subjects related to Research Groups and all decisions related to academic inputs in a particular programme are taken by these research groups, which are then approved by Board of Studies (BoS) of the respected programme. Each programme has a Board of Studies (BoS) which largely comprises of internal faculty and external members belong to industry, alumni and entrepreneur. The role of the board of studies is to examine curriculum revisions, sequencing of courses, alignment of course credits with regulatory requirements and referrals made by the discipline groups. Decisions taken in the board of studies are then referred to the principal of the institute who serves as chairmanof the joint Board of Studies for granting approval to the decisions made at the level of board of studies.

File Description	Documents
Upload additional information, if any	View File

Link for additional information	https://www.kitsw.ac.in/academics/home.html
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1.1.2 - Number of Programmes where syllabus revision was carried out during the year

12

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

423

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

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

00

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
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	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

The Institution is an AUTONOMOUS Engineering college that through its co-curricular activities tries to inculcate values and ethics among its students. It ensures not only effective curriculum delivery but also makes every effort to impart a holistic education that goes beyond the curriculum through myriad activities conducted throughout the year. Through these programmes students imbibe universal moral and social values, sensitivity towards gender issues and environmental consciousness are integrated into our curriculum.

1. Gender sensitization programmes like lectures, seminars and workshops

2. Observance of Women's Day

3. Environmental education through projects, field work, nature club activities and Green Audit. Students are also encouraged to participate in different programmes like online quiz contests organized by other Institutions for enhancing awareness related to the environment.

4. Human values promoted through the activities of the NSS.

5. Community outreach and other social welfare programmes .

6. Handbook on Code of Conduct of faculty and staff uploaded in the College website

7. Programmes on professional ethics and value education

8. Upholding values of multiculturalism, egalitarianism, diversity and gender empowerment through functions like the Annual Programme, Independence and Republic Day celebrations conducted by various clubs under Student Activity Centre (SAC) and societies, poster competitions and presentations etc.

File Description	Documents
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Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

82

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

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

7115

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

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

3973

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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://kitsw.ac.in/academics/pdfs/Stakeholder%20feedback%20(review%20on%20syllabus)_2021-22.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
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File Description	Documents
Provide URL for stakeholders' feedback report	https://kitsw.ac.in/academics/pdfs/Stakeholder%20feedback%20(review%20on%20syllabus)_2021-22.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1118

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)

874

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.

Student representation is diverse not just in terms of regional and linguistic aspects but also their level and pace of comprehensibility. Since it would be inappropriate to divide a class into groups based on student's level of comprehension, classroom observation, interaction, and continuous (Minor1, Minor2, Assignments, and Tutorials) and periodic assessment (MSE1, MSE2, and ESE) are used as a measuring system to assess the learning levels of the students.

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 and to improve their confidence levels
2. Remedial classes/extra classes are conducted for slow learners who secured less marks in minor examinations and Mid-semester examinations by subject experts/senior faculty for clarifying their doubts in the specific subjects.
3. Special attention/counseling by the counselors

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, competitive Examinations
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.

File Description	Documents
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Upload any additional information	View File
Paste link for additional information	https://kitsw.ac.in/academics/home.html

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2022	4505	286

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 topic and 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 to active and involved stakeholders, apart from boosting their confidence and encouraging independence. Since students vary in their ability to comprehend and absorb it is not possible to address the needs and expectations of individual students and expect a uniform learning outcome from them all in a teacher centric class. Faculty of the institute imparts subject knowledge as per the syllabus and curriculum and foster self management and usage of knowledge, holistic development and skill development through participatory learning activities through Outcome Based Lecture Schedule (OBLs).

The following activities have been adopted by the faculty and they adorn student-centric methods:

1. Experiential Learning: · Laboratory Sessions Industrial Visits Field works and Internships. Industry Oriented Mini Projects/ Case studies Community Outreach Programme
2. Participative Learning: Expert Talks, Workshops and seminars Group Discussions and Role plays MOOCs
3. Problem Solving Methodologies: Developing Models in Engineering Project Based Learning Case studies

File Description	Documents
Upload any additional information	View File

Link for additional Information	https://kitsw.rlabs.co.in/
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2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The institute has been utilizing a diverse set of ICT tools to communicate, create, disseminate, store, and manage information. Teachers of the institute use ICT tools in the teaching-learning process to enhance the student's potential for learning, encourage active learning, and improve self-confidence and self-esteem to learn. The teachers of KITS use online education resources, social networking sites, and blended learning platforms to effectively deliver teaching and provide enhanced learning experiences to the students. Almost all the teachers use the ICT tools to teach and train their students. Teachers prepare modules on important topics which are produced and recorded by the faculty and made available for students online. The use of ICT by teachers in classrooms apart from enabling students to keep pace with the contemporary digital and virtual world has helped KITSW create a student-centric learning approach. All the faculty of KITSW provides Interactive instructional courseware which includes Self-paced learning materials e.g Google Class Room, Microsoft teams, Video Lecture, Course material on the website etc. The integration of ICT with teaching and learning has produced some significant positive gains in learners' knowledge, skills, and attitudes

Every teacher is necessarily required to upload students' attendance online, internal assessment marks, and end assessment marks in addition to the feedback on the course web and the class that they taught on KITSW portal (Course web and CMS). On the other hand, the students get all their academic information on their online (CMS) portal provided by KITSW.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://kitsw.rlabs.co.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

286

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

Academic Calendar

The Dean for Academic Affairs in consultation with The Principal, Deputy 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.

Teaching Plan

The faculty are encouraged to update the methods of teaching and evaluation, especially of the use of ICT-enabled tools and facilities. The course teachers assess the learning ability of the students periodically based on their respective teaching plans. It, thus, helps both the teacher and the learners to take part in the teaching and learning process effectively.

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

286

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

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

137

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	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

3025

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

45-60

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

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

Examination Reforms by the College

In line with the objective of examination reforms to make it an instrument for good education, the following activities are being followed at this institute.

- Increasing weightage of marks for continuous internal assessment from 30% to 40%. Continuous internal assessment is carried out in the form of Minor Examinations, Mid Semester Examinations (MSE), Assignments and Special assignments (SA) respectively.
- End Semester Examination (ESE) assessment given to 60% weightage.
- To have validity and reliability, the questions papers formid-term and End semester examsare prepared according to Table of Specifications (ToS) by targeting the CO at appropriate CDLL.
- 'Guidelines for setting quality question paper' have been issued and circulated among all the faculty members for ensuring quality questions so as to test the students knowledge in defined cognitive domain levels.

DIGITAL EVALUATION THROUGH ON SCREEN MARKING:

- Implementing on-screen valuation of B.Tech., M.Tech., & M.B.A. answer scripts.

ASSESSMENT AND ATTAINMENT CALCULATIONS FOR OUTCOME BASED EDUCATION:

- As per the Institutes emphasis on most significant aspect of "Outcome Based Education (OBE)", examination branch ensuring assessment and attainment calculations of program outcomes (POs), course outcomes (COs), cognitive domain learning level (CDLL) outcomes on the results attained by the student.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://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

All the POs, COs, and PSOs of all the UG and PG programs are defined and displayed in the website.

Program Outcomes (PO) are broad statements that describe the professional accomplishments that the program aims at. POs are to be attained by the students by the time they complete the course. The syllabus prominently displays the course objectives and course outcomes. The syllabus also provides information about the scheme of instruction and evaluation.

POs relate to the skills, knowledge, and behavioral traits, the students need to acquire during their graduation. The Program Specific Outcomes (PSO) are the specific requirements to be met and the specific accomplishments to be fulfilled by the students relevant to their program of study.

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.

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.
- 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.

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

Tools for assessment of programme outcomes are divided into two categories

- Direct Assessment and
- Indirect Assessment

(The attainment levels by direct (student performance) and indirect (surveys) are to be presented through Program level Course - CO, PO & PSO matrix as indicated).

i) Direct assessment:

The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs through the mapping of questions to COs and COs to POs. The attainments of the POs are then used to compute the level of attainment of the defined PEOs. In order to compute the above attainments individual teacher maps the questions to the defined COs of the course.

CO-PO mapping (Low: 1, Medium: 2, High: 3) for all the courses in the program is prepared

- Direct attainment level of a PO & PSO is determined by taking average across all courses addressing that PO and/or PSO.
- PO Target=Average of each PO correlation level is taken as target attainment for that PO.
- Direct Assessment= $\text{SUM (CO ATTAINMENT/3) * (PO TARGET LEVEL) / NO.OFCOURSES MAPPED}$

ii) Indirect assessment:

The feedback is collected through survey from the outgoing students, employers, alumni and parents regarding the attainment of the POs.

- Indirect attainment level of PO & PSO is determined based on the student exit surveys, alumni survey, employer surveys etc.

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

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

1110

File Description	Documents
Upload list of Programmes and number of students	View File

appear for and passed in the final year examinations	
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/16UHwXoOzuLjNfDZHsBmCnvFvd0RHbLkc/view?usp=share_link

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://kitsw.ac.in/iqac/Student%20Satisfactory%20Survey%202021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

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

11. Annual budget preparations for their approvals

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://kitsw.ac.in/research/research.html
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)

16.98

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

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

2

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

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)

107.07

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

3.2.2 - Number of teachers having research projects during the year**04**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kitsw.ac.in/research/research.html
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**13**

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**03**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.serbonline.in/SERB/HomePage
Any additional information	View File

3.3 - Innovation Ecosystem

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

Research & Development (R & D) Cell aims at motivating, monitoring and developing quality research in the institute. It is positively working on collaborative R & D projects and entering MoUs with industries. It also promotes creativity, research and innovation among the student community. To encourage research among the faculty, the institute has the facility of gaining 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. A separate provision is also made in budget for R& D.

KITSW has centre for Innovation, Incubation Research & Entrepreneurship (C-I2RE) that provides a platform for students, research scholars, researchers, field experts and industry personals to interact and work in partnership to initiate breakthroughs: fusing the uncommon, taking risks and thinking big. The college has excellent infrastructure and good relations with industries nearby and with alumni. The research facilities available here provide a supportive platform for evaluation of novel ideas and solution development.

The Centre of I2RE has four pillars i.e.

- Institutions Innovation Council (IIC)
- MSME Business Incubator (MSME BI)
- National Innovation Start-up Policy (NISP)
- Entrepreneurship Development Cell (EDC)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kitsw.ac.in/i2re.html

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

25

File Description	Documents
Report of the events	View File

List of workshops/seminars conducted during the year	View File
Any additional information	View File

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

2

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	View File

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

67

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

Any additional information	View File
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3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

57

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1-q5wlGdtRzJs2jJHkpy_fZ8Y7jBHGgYi?usp=share_link

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

2632

File Description	Documents
Any additional information	View File
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

0.96

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

9.06

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

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

00

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

3.6 - Extension Activities

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

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

AIMS AND OBJECTIVES OF NSS:

- To develop competence 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,
 - Digital Financial Literacy Programme,
 - Clean and Green,
 - Voter's Daycelebrations,
 - Ban Plastic and
 - Modern Farming Methods.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kitsw.ac.in/sac/sac_events.html#

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

17

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)

07

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

1150

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

158

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)

24

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Infrastructure Deatails:

1.Total land available (in acres) : 65 Acres 04 Guntas

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

3.Laboratories (No. of labs rooms and covered area in sq. Ft.): 96Laboratories

4.Central Library

- Total Area : 12,497 sq.ft.
- Whether reading room available? YES with an area of 2,160 sq.ft.
- Details about books, titles, Journals (National/International), CDs, e- resources, e-journals, Theses,etc.):Total (UG+PG) 11115 titles and 84575 volumes.

Faculty strength:286

Facilities for teaching learning:

- 78 class rooms and 03 Seminar halls with ICT facility
- 03 Drawing halls and 01Workshops
- 96 laboratories across all departments Computingfacilities as per the norms
- Internet through LAN and Wi-Fi facility across the campusincluding hostels 150 access points for Wi-Fi connectivity
- Office 365 (Microsoft Teams) for online teaching Licensed software, Proge CAD, Solid works, NILABVIEW, Cadence Tool, ANSYS,MATLAB, e-CAD, and open source software
- Dedicated Research laboratories for all departments

The institute has adequate number of class rooms and laboratories asper AICTE norms to continue with any academic activity. Further, every department is equipped with their own computing resources aswell as departmental library. KITSW havining 3 seminarhalls with internet and LCD projectors to conduct faculty and studentdevelopment programs.

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

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

etc.)

The institution is committed to motivate students for participating in various extracurricular activities by ensuring consistent motivation, sports Complex was spread with an area of 54,000 Sq.mts with necessary facilities and adequate funds are allotted. The Sports and Cultural Committees supervise the extracurricular activities. The institution is having a separate Physical Education Department with qualified 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 their body fit. Daily 250 to 300 students are utilizing the ground facilities. A number of yoga classes are conducted in the campus through qualified trainers from outside. Facilities for Cultural Activities: A separate 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 and sound mind" through institute's yoga center. A trained GURU imparts techniques to tame the body and mind. The college has an auditorium and is used for conducting all types activities related to students as well faculty, SUMSHODHINI AND SANSKRITHI 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

78

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)

736.25

File Description	Documents
Upload audited utilization statements	View File

Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

The Library is automated with a Software which is developed by CSE Department of this Institution since year 2003. The software is developed using VB5. The library functions like circulation, Online Public Access Catalog (OPAC) and office functions have been computerized. In addition to this Barcode technology also introduced.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://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	View File
Upload any additional information	View File

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

21.98598

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
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

289

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

4.3 - IT Infrastructure

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

KITS, WARGAL INFORMATION TECHNOLOGY SECURITY CENTRE POLICY

1. Kakatiya institute of technology and science, Warangal brings out the conditions under which access to the network and computing resources at KITSW, are granted to users. This covers all services and resources provided through KITSW, either through the institute information technology security centre (IITSC) or through any individual department.
2. The policy statements are framed in line with the guidelines of the Government of India and are subject to interpretation in the light of the existing laws of this country.
3. The primary usage of IT resources is for academic and research purposes. In case of any conflict of interest, academic usage shall be given priority over non-academic requirements.
4. To maintain privacy and to reduce the threat of crime protecting KITSW premises and safety of all the staff members, students and visitors, the video surveillance system shall be utilized.
5. The policy for replacement of provision of IT accessories such as computer/laptop/printer/router/server and other network components shall be provided by the Institute for all the emergency purposes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kitsw.ac.in/Academic_support_center/campus_network.html

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4505	1916

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
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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	B. Any three of the above
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kitsw.ac.in/sac/sac.html
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)

581.29

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

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

The Institute adopts regular maintenance of the infrastructure periodically

Sno

Details

Maintenance System

Maintenance cycle

Remarks

1

Buildings/Roads

- A Contract is given for a Lump sum amount for period of one year, which involves cleaning the buildings , class rooms wash rooms , drawing halls, seminar halls, auditorium, faculty & staff rooms, hostel rooms, corridors. The work is checked by the Assistant project office of the project office who submits a report.
- Any, not cleaned report is recorded in the complaint book available at the project office by the staff.
- The cleaning material is provided by the college.

Daily

2

Generators

- Annual Maintenance Contract (AMC) is given to the manufacturer.

Once in three months/Hours of working

3

Electrical Installations

- All the electrical installations in the building premises is inspected and maintained after every semester.(Tube lights/ fans/ motors/ projectors/ cameras/AC's)

Two times in a year.

4

Solar Captive power plant

- All the solar panels are cleaned with water twice a week.

Twice a week

5

Water Supply and storage

- All the water storing bodies are cleaned periodically.
- Sumps
- Overhead tanks
- Drinking water Coolers
- RO water Plant (AMC)

Once in

15 days

15 days

7 days.

90 days

6

Fire Fighting Equipment

- All the fire fighting equipments are checked for the operation periodically and the fire extinguishers are refilled as per the expiry date.
- Hose reel Checking
- Fire Extinguishers

Once in

30 days

Date of Expiry

File Description	Documents
Upload any additional information	View File

Paste link for additional information	https://kitsw.ac.in/Amenities/Hostels.html
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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

2363

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

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

68

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://kitsw.ac.in/departments/Training_placement/activities-2021-22.html
Details of capability development and schemes	View File
Any additional information	View File

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

3163

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

671

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

122

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

Any additional information	View File
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	
111	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
28	
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	
<p>The KITSW institute has established a procedure for selection of students for the Executive Council through nominations. Accordingly, students of all the branches in the final year will get an opportunity to become the president of the Student Council and the third year students to become the General Secretary and so on. All class representatives will be nominated by merit. This meritorious team of students will be allowed to participate in the academic, administrative, cocurricular and extra curricular matters. Every year, the institute celebrates a National Technicalfest called "SUMSHODHINI", a platform created to exhibit the co curricular talents. Similarly, the institute also celebrates another National Level event called "SANSKRITHI", which gain involves students in organizing the event. List of Various clubs are 1. Literary club, 2. Humanity Club, 3. NSS club, 4. NCCclub, 5. MDF Club, 6. Games Sports Club, 7. Photography and Media Club and 8. Disciplinary club</p> <p>STUDENT COUNCIL: 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.</p>	

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

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

7

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

5.4 - Alumni Engagement

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

1. The Alumni Association of KITSW has been formed in the year 2007 in order to fulfill the longfelt need for a forum and the cherished desires of its alumni. It has been duly registered as a society (Regd. No. 292 of 2007) to activate its functioning.
2. Online registration in the portal of KITSWAA, whose link is placed in www.kitsw.ac.in
3. To update Alumni members about the activities of KITS and the Alumni association.
4. As a member of Board of Studies, Alumni are guiding us in academic matters i.e., designing of curriculum and syllabus of courses.
5. Alumni is contributing to the institution as member of governing body academic council.
6. Alumni are helping in motivating guiding during Alumni Graduation Day, Orientation program, Induction program, ParentTeacher Meet and DepartmentAssociation Activities.
7. To provide internships to students establishment of EIE Lab.
8. Alumni are extending financial support for building KITSW Alumni Auditorium.

9. Swami Vivekananda's 150th Birthday is celebrated as India's National Youth Day, This event has been sponsored by Sri K. Chandra Shekar Reddy, Oracle Corp, USA (a proud ALUMNUS of 1987-Civil, KITSW).

10. Our proud ALUMNI have instituted Gold Medals under various categories to the outgoing students of KITSW.

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

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute:

- 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. To achieve the above Vision, following Mission is practiced:
- To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced.
- To provide a strong human resource base for catering to the changing needs of the Industry and Commerce.
- To inculcate a sense of brotherhood and national integrity.

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 rules are formulated and implemented since then in the Institution.

The service rulebook called "Administrative Manual" comprises of the following heads under which the related rules are clearly defined.

1. Administrative Rules Functions and Responsibilities of the Governing Body and other committees Functions and Responsibilities of the Principal Functions and Responsibilities of Head of the Department Functions and Responsibilities of the Teaching and Non-Teaching Staff Terms and Conditions of service of a permanent employee Rules of conduct for the employees of the Institute Classification, Control and Appeal Rules
2. Leave Rules
3. Travelling Allowance Rules
4. Rules regarding the deputation of faculty members Under Quality Improvement Program and to attend conferences, summer and winter schools etc.

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

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

Functioning of the college is transparent through well defined rules and regulations for governance. The voice of (opinion) every individual find place at its appropriate platform, which paves way to participative Management and individuals can take decisions on the matters concerned to them. These provisions of governance is leading to effective leadership.

Institution has well defined mechanism to monitor effective and efficient use of available resources. The budget allotment will be done based on the budget proposals. The lab technician concerned and the Faculty In-charge concerned to the laboratory will arrive at the budget requirement of the laboratory and will send their budget requirement to the Head of the Department.

Head of the Department convenes a meeting in the department and discuss the consolidated budget proposal and finalizes the Budget Proposal of the department. The Principal will consolidate such Budget Proposals received from various departments and sections and presents it in College Management Committee. The college management will be approved the budget as per the requirements.

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 performing freely in the academic activities and administrative programmes such as departmental activities, allotment of workload, various academic activities, association and club activities.

The college Management will provide:

- Designing Quality Policy
- Provide Budget
- Infrastructure
- Recruitment

Principal:Quality policy- Planning, deployment and monitoring,Administration etc.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://kitsw.ac.in/homepage_pages/strategic%20plan.html

6.2 - Strategy Development and Deployment

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

Kakatiya Institute of Technology & Science, Warangal (KITSW), established in 1980 by Ekasila Education Society (EES), Warangal, a philanthropic society, with a primary objective of providing quality technical education in the backward region of telangana. The institute was inaugurated by former Prime Minister of India, late Sri P.V.Narsimha Rao garu.

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:3.21/4.0). The Government of India's NIRF 2022 placed KITSW in the band of 201-250. 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 for the 6th consecutive year since 2015. The IIC Cell of the Institute has collaboration and MoU with NIT, Warangal in the areas of Teaching and Learning, R&D and also with leading industries for student internships & placements.

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:

- Outcome based education is to be implemented in its true spirit
- Faculty should take up quality research and publish in quality journals and work for IPRs
- Faculty should integrate their research expertise in course teaching

- Expose students to innovation, incubation, research and entrepreneurial activities and make them life-long learners

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://kitsw.ac.in/homepage_pages/strategic%20plan.html
Upload any additional information	View File

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

Policies and Administrative Set-up:

Governing body, administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies

List the governing, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; and attendance therein, in a tabular form. A few sample minutes of the meetings and action-taken reports should be annexed.

The published rules including service rules, policies and procedures; year of publication shall be listed. Also state the extent of awareness among the employees/students. Every policy decision in academic, administrative and financial matters of the institution will be approved by the Governing Body of the Institute. The composition of the Governing Body is as per norms and is shown below:

1. GOVERNING BODY (GB) OF THE INSTITUTE:

Capt. V. LakshmiKanthaRao, : Secretary & Correspondent Hon'ble Member, Rajya Sabha

Sri P. Narayana Reddy : Treasurer Treasurer

Prof. Ram Rajesh Mishra : Member/ UGC NomineeRetd. Vice Chancellor

Commissioner of Technical Education, Hyderabad : Member/AICTE/ Nominee

Prof. T. Srinivasulu : Member (KU Nominee)

Sri V. Rajanna, : Member, Vice President & Regional Head, TCS Hyd

Sri A. Dayananda Reddy, Industrialist : Member

Dr.K.Rajanarender Reddy, Faculty : Member

Sri. M. Narsimha Rao, Faculty : Member

Prof. K. Ashoka Reddy, Principal, KITSW : Member Ex- officio

The Governing Body shall be responsible for the general superintendence, direction and control all the affairs of the Institute Governing Body shall exercise all the powers of the Institute.

File Description	Documents
Paste link to Organogram on the institution webpage	https://kitsw.ac.in/administration/governing_body.html
Upload any additional information	View File
Paste link for additional Information	https://kitsw.ac.in/homepage_pages/Governing%20Body%20Committee.html

**6.2.3 - Implementation of e-governance in areas of operation:
Administration Finance and Accounts Student Admission and Support
Examination**

B. Any three of the above

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

6.3 - Faculty Empowerment Strategies

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

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

1. Group Serving Linked Insurance Policy

2. Gratuity Scheme

3. Staff Quarters
4. EL Encashment facility for Teaching and Non Teaching at the time of retirement
5. Maternity Leave for female staff
6. Paternity Leave for Male staff at the time of birth of a child up to 2 children
7. Gym facility
8. Canteen facility
9. Indoor and Outdoor stadiums for physical fitness
10. Yoga centre
11. Dispensary for staff free Medical facility and conducting Health checkups for Eye, Nero, Cardiac & Ortho etc.
12. Earned Leave
13. Half Pay Leave
14. Commuted Leave
15. Leave not due
16. Maternity Leave
17. Extraordinary Leave
18. Casual Leave
19. Special Casual Leave
20. Paternity Leave

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://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

08

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

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

04

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

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

396

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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, College conducts internal financial audit by presenting outcome 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 Institute conducted external financial audits regularly and the copies of audited statements placed in college website. The external audit is conducted once in a year. The external audit is carried out by M/s SCV & Associates Chartered Accountants (Regn.No.217047). The queries which are raised are put before the Principal who clarifies & rectifies before finalizing the accounts. The Principal and Administrative Officer (AO) contemplates and decides to appoint an Audit Sub-Committee that attends all the queries raised by the internal audit team and external auditors. External Auditors who are certified Chartered Accountants prepare the Audited financial statements including Income and Expenditure details, Audited Reports and then the same is filed in the Income-Tax Department.

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

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The different sources for mobilizing the funds is as follows

1. Tuition fees from students

The major source of revenue for the institute is the Annual tuition fee collected from students. The fee is collected from students' as per the guidelines issued by the fee fixation committee of state government of Telangana. Mobilization of funds is also done through sponsored projects from Government and non government agencies respectively.

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

The Institute's Internal Quality Assurance Cell (IQAC) is as per the guidelines of NAAC. Following quality assurance strategies are implemented regularly:

1. **Conduct of academic and administrative audits:** The objective of academic and administrative audit is to review the quality of the academic process and assessment of policies, strategies and functions of various administrative departments, control of overall administrative system. This audit ensures whether following activities are being conducted regularly which ensures quality in teaching learning process: Encouragement of students to participate in curricular, cocurricular and extra-curricular activities within and outside the college. Conduct of student development programmes Conduct of faculty development programmes Encouragement of faculty to participate in conferences to present papers, attend FDPs at various institutes under national importance. Financial support in the form of seed money to faculty to undertake research activity. Feedback from all the stakeholders regarding design and implementation of curriculum Feedback from students regarding teaching-learning process and corrective measure

2. **Faculty academic enrichment:** The second significant move as an initiative of IQAC cell is enriching faculty expertise by encouraging them to attend NPTEL courses and participate in subject expert programme. In this programme, newly recruited faculty will undergo guide-mentee programme, where a senior faculty will guide him regarding preparation of lecture material, delivery of the content and preparation of questions as per the Bloom's Taxonomy. A faculty having more than three years of experience will be asked to acquire proficiency in the subject by undergoing NPTEL and other similar courses of his specialization.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://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

The IQAC has developed a continuous review process on teaching learning to sustain effective teaching and learning for targeted outcome. IQAC believes in appropriate planning for success. Following are few parameters on which review is conducted.

- Curriculum Level
- Review of Syllabus coverage

- Student feedback
- Mini projects, Projects and internships
- Conduction of remedial classes
- Attainment of Cos, POs and PSOs
- Co-curricular level
- Review of Conduct of student development programmes
- Industrial visits
- Student participation in paper contests, model making
- Faculty development programmes
- MOOC certifications by faculty and students
- Activities from Professional societies
- Publications of Course projects/miniprojectrs/ major projects in reputed journals/Conferences.

The IQAC Cell is striving hard for incremental improvements with regard to quality and post accreditation quality initiatives.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kitsw.ac.in/iqac/Internal_Quality_cell.html

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://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	View File

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 Gender Equity. KITSW approximately having 35 to 40% of female staff and around 40 to 45 % of female students. KITSW management encourages the women faculties to lead the departments as heads, professors in charge of various institutional bodies, and Deans of various sections. Female students are also encouraged to take part in all activities related to departments and Institution levels and also to lead curricular and co-curricular activities. Students of this institution used to be sensitized on Gender - Equity through webinars, seminars, and counseling and guidance sessions by internal and external experts.

The women's cell 'Sahasra' of KITS, Warangal was inaugurated on 4-12-2008 with the following objectives.

1. To broaden the horizon of women staff and girl students and make them aware of the rights to which they are entitled, and discharge their duties and responsibilities efficiently.
2. Empowering the women staff and girl students, in overcoming the deficiencies if any.
3. To promote the welfare of women staff and girl students. The following events were organized by the women's cell during the A.Y.2021-22.

The following events were organized by the women's cell during the A.Y.2021-22.

Conducted Guest lecture on "STOP WORRYING, START LIVING" & Fun Event Jeopardy in online mode on 29th January 2022 and also conducted Rangoli Competition on 08.03.2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://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

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

We have procured and installed two numbers of "Fuel Free, Inexpensive, No Running Cost, No Maintenance, Solid Waste Management, Eco Friendly Burners", and have installed in the campus at two different places so as to dispose off the excessive of dry leaves, branches, and all other collected solid waste materials from within the campus (mostly the material which is in excess for making compost manure) every day, to keep the campus clean and green also.

The Institute has Installed a 350 KLD Sewage Treatment Plant (STP) based on MBBR technology. The Phase 1 (175KLD) is operational from 01/11/2017. The entire sewage water from the institute is treated in the STP based on MBBR technology and is further ozonized. The recycled water is used for watering trees, plants, lawns, nursery plantation and for flushing in the toilets in buildings.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

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

5. Landscaping

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

C. Any 2 of the above

File Description	Documents
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Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The Institute has conducted several programs for providing an inclusive environment. It has taken various 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 coming from different cultures, regions, linguistics, and other socio-economic diversities. The institution has made efforts to provide an inclusive atmosphere that encourages peace, tolerance, and harmony among students and faculty.

Once a student gets admitted he/she will be provided equally with all the resources for bringing harmony and nurture for holistic development. The institution is increasingly involved in conducting outreach programs for the welfare of society and in creating awareness among students about social issues. The staff and students belong to different communities like Hindus, Muslims, Christians, etc. being their mother tongues different like Tamil, Telugu, Kannada, etc.

The institution has a very effective approach to maintaining tolerance and harmony among different communities and with different cultures. Institute organizes events that bring harmony and integrity among the students. Yoga, guided meditation sessions, and seminars on human values are organized every semester to create a coherent environment and respect for the individual. To promote cultural and regional heritage with diversity KITSW conducted cultural programs by people of eminence in several fields. 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 15th of August every year. 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 26th January, 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 5th of 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. During the Induction Programme, Sessions were conducted on the constitution. 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	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. Annual awareness programmes on the Code of Conduct are organized.

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	View File
Any other relevant information	View File

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

The Following days/events/festivals are observed by KITSW institute and celebrates/organize every year. The following activities are conducted by various clubs unde Student Avtivity Center (SAC).

- 26th Jan Republic Day (India)
- 8th March International Women's Day
- 21st June International Yoga Day
- 15th Aug India's Independence Day
- 5th Sep Teachers Day
- 15th Sep Engineers Day
- 14th Nov Childrens day

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

7.2 - Best Practices

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

BEST PRACTICES OF KITSW:

- Conduction of Academic Audit of departments/sections
- Evaluation of PBAS applications for annual increment of the faculty
- Evaluation of CAS applications for faculty promotions
- Publication of Annual report, AQAR and Brochure
- Imparting Knowledge (K), Skills (S) and Qualities (Q) in Engineering programmes- UG and PG
- Outcome based education (OBE) based Curriculum frame work and teaching learning process.
- Institutional mechanism to eliminate scope of plagiarism - as per the UGC Regulations 2018 for submission of Mini projects, Major projects and Seminar reports.

The Institute promotes the following activities to improve thequality in teaching learning process among the various departments/sections

2. Internships

3. Guest lecturers from eminent faculty and industry:

4. Alumni interactions

5. Strong counselling and Mentoring system

6. Institute technical festival/workshops

File Description	Documents
Best practices in the Institutional website	https://kitsw.ac.in/igac/Best%20practices.pdf
Any other relevant information	https://kitsw.ac.in/homepage_pages/strategic%20plan.html

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)

KITSW has become autonomous in the academic year 2014-15. The mission statement clearly defines the college's distinctive characteristic in terms of addressing needs of the society, institute's tradition value orientations. Addressing the needs of Society:

- KITSW is the first engineering college in India to offer UG program in Electronics Instrumentation Engineering.
- The objective of the institute is to provide quality education in engineering to the students, to make them academically superior and ethically strong.
- This objective is clearly reflected in the mission statement.

The result of periodic review and best practices being followed, KITSW has achieved the following distinctions:

- Autonomous status has been conferred by the UGC from academic year 2014-15
- All the academic B. Tech. Programmes are accredited by the NBA, New Delhi.
- NIRF-2017 ranked KITSW among 151-200 top engineering institutions in India. KITSW secured a NIRF Rank 180 by the MHRD for the A.Y 2018-2019 KITSW secured a NIRF Rank 201-250 band by the MHRD for the A.Y 2019-2020, KITSW secured a NIRF Ranked 197 by the MHRD for the A.Y 2020-2021, KITSW secured a NIRF Rank 201-250 band by the MHRD for the A.Y 2021-22
- Ranked as GOLD institute by AICTE-CII survey of industry linked technical institutes for 2015, 2016, 2017, 2018, 2019 & 2020, 2021.
- KITSW certified by ISO 9001-2015 on 22.07.2020 upto 21.07.2023.
- KITSW accredited BY NAAC "A" grade with 3.21
- KITSW certified as Maintain Hygiene and safety practices by HYM international certifications Pvt.Ltd.
- KITSW ranked 33 across india in the green institutional ranking 2022.

File Description	Documents
Appropriate link in the institutional website	https://kitsw.ac.in/homepage_pages/ISO%209001%202015.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

KITSW will focus in four areas, to ensure imparting quality education and creating industry-ready engineers.

Areas of Focus:

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