



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

KANPUR INSTITUTE OF TECHNOLOGY

A-1, UPSIDC INDUSTRIAL AREA, ROOMA, KANPUR
208001

www.kit.ac.in/kit

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Kanpur Institute of Technology (KIT), Kanpur is a private self-financed college. Since its inception in 2004, KIT has been successfully shouldering the monumental responsibility of producing capable technocrats and managers. Run by a team of visionary IIT alumni, KIT is among the top rated technical institutes of North India.

KIT runs various courses like B.Tech, M.Tech, MBA, MCA, BFA, BFAD and Diploma (Engineering). The institute is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow with College Code 165. The courses are approved by the All India Council for Technical Education (AICTE). The institute is well known for up to the mark quality systems and best practices in technical and professional education. The institute is located in Rooma, Kanpur.

KIT has a lush green campus spread in the area of 10 acres of land, facilitated with good infrastructure and skilled professionals. It has qualified faculty who are ready to help the students in all aspects of study. The institute is enabled with solar panels and solar power generation units, which cater the electricity needs of the campus. Well-equipped laboratories, computer centers, Wi-Fi enabled campus, projector based air conditioned classes and seminar halls are just a glimpse of the facilities that the students get at KIT.

The institute follows the syllabus prescribed by AKTU and its own value addition courses with ICT enabled teaching-learning processes. Teaching at KIT is highly practical and focused on industrial requirement, as it has evolved through constant interaction with leading professionals who are a part Academic Advisory Board. The T & P cell at KIT provides great opportunities to its students in getting trained for the latest in the industries through various Skills Based courses through its training partners apart from academic curriculum. KIT has an active R & D Cell to promote research initiatives among the faculty and students.

With more than 4000 alumni on the alumni portal, the KIT Alumni Association works towards enhancing the value of the institution by providing references for admissions and placements.

Vision

“To transform ignited minds into technocrats and managers, globally competitive, highly skilled with positive mind-set, responsive to the social needs which respect human values and work as cohesive team to contribute to the needs of the country and world at large.”

Mission

1. Prepare students to acquire required skills, positive mindset to social and human values.
2. Facilitates the exchange of knowledge and ideas to provide a broad range of services to its members to develop their careers.
3. Prepare students to cater to global market with competitive spirit.
4. Be the leading Institution to maintain the high standards of professional conduct.

5. Provide authoritative and ethical advice on matters of engineering designs.
6. Prime focus for the advancement of engineering.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. KIT, Rooma, Kanpur is the *only* private college in Kanpur which is promoted & run by IIT Alumni, who are the effective leaders and members of ITES (Indus Technical Education Society.)
2. KIT has evolved as a symbol of quality technical and professional education dedicated to nurture the talents and aspirations of the bright youth of nation.
3. KIT campus is located at A-1, UPSIDC Industrial area, Rooma, Kanpur. The campus is just 2 kms away from Kanpur Airport and 14 kms away from Kanpur Central Railway Station.
4. Computer Centre and Library facilities are available till late 10 P.M. for all the students.
5. The institute premises runs on power generated through solar panels.
6. The sprawling lush green campus spreads over 10 acres of landscape. The Wi-Fi enabled campus has facilities for co-curricular and extracurricular activities.
7. KIT has well equipped conference, seminar halls, AC Class Rooms, Faculty Rooms, Director's Office, Administrative Office, Registrar Office, Reprographics Room, Strong Room, Reception Lounge, Visitor's Room, Auditorium, Canteen, Stationery shop, Bank, ATM, Transport facility, Sports facilities, Gymnasium, etc.
8. Generator and UPS are available for power backup with ventilated & equipped laboratories.
9. Highly qualified faculty delivers the academic concepts to our students in a lucid and interesting manner.
10. The institute is equipped with ICT enabled Teaching-Learning process, where the students are provided with high class study infrastructure.
11. The students are given exposure to various skills development programs during the course of their study at KIT.
12. Safe and secure campus with guards, gunman along with CCTV surveillance.
13. Medical room with own Ambulance facility is available 24x7.
14. Two boys and one girls hostel is available in the campus premises.
15. Actively functioning Training and Placement Cell that supports students with excellent placement opportunities, with students getting placed with good annual packages.
16. The alumni of the college visit the campus for guest lectures and seminars, as well as help the students in attaining jobs through mentoring sessions.
17. The campus is also created for differently abled students by making ramp, lift, wheel chair and separate toilets.

Institutional Weakness

1. The College is affiliated to AKTU and hence has a limitation in upgrading of curriculum as per the current trends of the industry.
2. There is a large gap between university curriculum and trends prevailing in the industry.
3. Majority of students come from rural background and lacks in communication skills. A lot of effort is required to train such students and make them placeable.
4. Lack of industry experienced faculty members.

Institutional Opportunity

1. KIT, situated on the NH-2 express highway is accessible from major hub-points of Kanpur in less than 45 minutes and can leverage on the huge opportunity to become an innovation hub to support start-up initiatives of the Government of India.
2. Continuous efforts for the placement of students internationally on niche technologies.
3. Conducting cross faculty exchange activities.
4. Plan to strengthen relationship on mutual benefit with other universities, institutes/organizations of National and International level.
5. Practicing of outcome-based education in all facets of academics.
6. A pool of alumni of the institution serving in the country and abroad widens the opportunity of collaboration.

Institutional Challenge

1. Major Gap in curricula as per Industry norms and inability to modify it as per current trends.
2. To motivate faculty for R&D and Innovation.
3. Changing admission scenario due to the wide availability of other professional programs.
4. Enriching the quality of students coming from rural background.
5. Tough competition with other technical institutions has made it difficult to retain good faculty members.
6. Maintaining the placement consistency in jobs. Economic slowdown of the IT sector is a more frequent phenomenon than the core sector.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Kanpur Institute of Technology is affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow and follows the curriculum prescribed by the university. The Academic Calendar prescribed by the University is a broad schedule and based on the same; semester-wise academic calendar of the institute is prepared. The effective curriculum delivery is ensured by respective HOD and supervised by Academic Council of the institute. After allocation of the subjects, academic cell prepares a master timetable, uploads it on the KIT ERP.

There is academic flexibility in the campus, which means, the students are offered a number of value added courses and certifications, which help in overall development of students.

The curriculum of UG/PG programs includes courses to encourage core human values and professional ethics in the students. Institute has the provision of various committee and clubs to sensitizing students to paramount issues like gender sensitisation and equality, environmental sustainability, other human values for the development of creative and divergent competencies.

KIT has well established a structured Feedback System for corrective mechanism. All the efforts are made to provide an opportunity to the students to become competent professionals after completion of their program of study and excel in career.

Teaching-learning and Evaluation

The admission cell works towards continuous improvement in the student enrolments for the year. There has been a tremendous growth in the student enrolments for various courses.

The students are also provided the benefit of reserved seats for different sections of the society. There are seats allotted in the categories of SC, ST, OBC, Divyangjan, etc.

A continuous check is done on the student-teacher ratio, so that the quality of education never suffers in the institute.

KIT believes in experiential, individual, participative and collaborative learning methodologies catering to the needs of diverse of students.

IQAC has taken steps to enhance the potential of ICT enabled teaching and learning methods. The students are motivated to get registered in MOOCs like SWAYAM (NPTEL), etc.

The institute has always been able to maintain and meet the requirements of eligible faculty members, and has made sure that these appointments have come from the candidates, who are qualified with the necessary requirements, such as NET/ PhD. etc.

Many reforms are introduced in the internal assessment system of the institute with complete transparency. The institute has well equipped central library having 60000 volumes. The library also has AKTU – Consortium (E-Books, E- Journals).

The student performance is measured on a regular basis through robust mechanism. There are various course outcomes (CO) and programme outcomes (PO) prepared on the programmes offered by the institute and are made available on the website of the institute and CO-PO attainment are duly evaluated.

The passing percentage for the past batches has been soaring and few students from the institute have bagged medals in the field of academic results from the university. A well defined feedback action is in use for the evaluation of teaching-learning Process.

Research, Innovations and Extension

KIT is dedicated towards establishing various platforms for research and innovation activities. The institute has received several grants from various government and non government organisations against the research projects done by the institute.

Institute has its well structured Research and Development and Entrepreneurship Cell to promote research and entrepreneurship in the institute.

The institution has created an ecosystem for innovations, where initiatives taken by students for various developments are taken into consideration by the faculty members and equally rewarded.

Several number of National and International conferences are conducted by the Institute. The Institute also conduct workshops, seminars, conferences etc. on important topics such as Intellectual Property Rights (IPR),

various research methodologies and many other relevant topics for updating of the technical knowledge of faculty members and students.

The faculty members are continuously in practice of writing research publications. A number of books and chapters along with some research papers have been published in different journals.

In pursuit of its service to community, the KIT hosts blood donation, vaccination and free health checkup camps. Also considering students' moral responsibility towards the society, the institute also conducts various social awareness programs like activities related to Swachh Bharat Mission, seminars on gender issues and AIDS awareness programmes with a motive to bring a change in the society.

Students are regularly sensitized towards cleanliness, hygiene health and environmental issues and they also participate in extensive activities with NGOs. The institute has been recognised by certain individual bodies, for its contribution in making the society a better place.

There are a number of MOUs signed by the institute in the field of student development and placement practices. There are MOUs signed with organisations like CII and many other corporations, for the holistic development of the institute as a whole, as well as the development of students and faculty members individually.

Infrastructure and Learning Resources

Institute proudly boasts its lush green campus with elegant buildings and state-of-the-art infrastructure. The campus spreads over 10 acres of landscape with total built up area of 24500 m² lodged with all modern amenities.

The institute is enabled with solar panels and solar power generation units, which cater the electricity needs of the campus. The campus has separate hostels for boys and girls. The institute has academic and administrative blocks. Apart from this, there are Lecture Theatres, AC Fitted Class Rooms, Faculty Rooms, Office for the HODs, Director's office, Administrative office, Registrar's office, Reception Lounge, Medical Room and the Visitor's Room. We have best in class Seminar Rooms; Labs; Workshops and smart classrooms for Every Department. In addition, there is also transport facility for the students faculty and staff members.

Our library is fully automated with LibSys software in order to provide references service to its students, faculty and staff members. Users can access library through internet/intranet. The library houses about 60000 of books.

The institute premises is a triple storied building with all the basic & advanced new age international amenities which includes ventilated and aesthetically designed air-conditioned class rooms with all the supportive technical aids like LCD projectors, public addressing system and other online information system. The amplitude of the campus has provided opportunity to have various outdoor sporting facilities like football, basketball, tennis, volleyball, cricket, etc.

The computer centre is well equipped with all latest software and technologies. The campus is well equipped with Wi-Fi connectivity. The computer facilities are also regularly upgraded with latest configurations.

The institute focuses on maintaining the students to computer ratio, and leaves no stone unturned in providing

each and every student with the basic IT infrastructure required to make them the future technocrats of modern era.

The college leadership and management are regularly incurring expenditure to make the institute a better place to study for the students. Also, other physical and academic support is provided to the members of staff for smooth functioning of the work.

Student Support and Progression

KIT has a student welfare cell for holistic development of its students. To encourage the financially weaker students to have equal opportunities in education, various Govt/non-Govt schemes that provide the financial assistance is facilitated by the criteria. Every year the Institute provides scholarships under various schemes to meritorious students.

There is a Skill Development Cell in the Institute which fosters the students to enhance their employability and make them industry ready by providing communication skills, personality development, English language skills and technical skills.

The Institute also gives opportunity of Industrial visits to students to make them compatible to meet global standards. Visits help them not only in the technical training but also give an atmosphere to work upon it as per the requirements of the industries.

The students have also been preparing for various competitive examinations, alongside attaining their degrees to fit the qualification requirements of those jobs. The student welfare cell has guided these students and helped them in achieving their dreams through several career counseling sessions.

There is a regular check on student issues. A transparent mechanism works towards the resolution any upcoming ragging or harassment case, which in turn provides quick yet effective resolution to such incidents.

The Placement Cell is working untiringly to ensure 100 % placement for all its students in the reputed companies.

The students participate in various sports activities, with some students winning positions in university level sports events. Other fields such as cultural and co-curricular events have not been untouched by the students, as the students of the institute have been victorious in such competitive events as well.

The Institute has an registered Alumni Association which strengthened the alumni relationship with the institute through its yearly meetings, events, guest lectures, reunions and regular interactions. Association encourages its alumni to take an active role in the work and progress of the institute so as to contribute towards the social utility of their alma mater. More than 4000 alumni have registered on the alumni portal. The members of Alumni Association provide references for admissions and placements.

Governance, Leadership and Management

The Governing council of the institution is formed and structured in such a way that they support to achieve future goals and plans in which participation of the teachers is ensured in important various decision making

process. Strategic plans are set with goals in line with the institute's vision and mission. The vision of the institute emphasizes on imparting quality education and involves all its stakeholders in the decision making process.

All academic and administrative activities are decentralized, and operational decisions are taken based on discussion and deliberations in the Director's meetings with Deans, HODs, and various committees.

Effective leadership is provided in the institution through a defined hierarchy consisting of Governing Council, Academic Council, IQAC, etc. The Institute has defined structure with Roles and Responsibilities at various levels of academic/ administration. The Institute practices are transparent and participative governance at all levels.

There is a large number of teachers, who are provided financial support to attend various workshops, conferences and membership fees of certain professional bodies like IEEE.

The evaluation of faculty and staff members is done on a continuous basis, where certain parameters are taken into consideration for evaluation of faculty members. There is a predefined KRA based appraisal system, which acts a standard measure to evaluate performances and generate fair appraisals for all.

Staff Welfare is ensured through various benefits viz. EPF, ESIC, health insurance policy, etc. The progress of the institute is reviewed on regular basis for the effective implementation of quality policy and plans.

Financial audits internal and external are conducted every year and the Balance Sheet are available in public domain.

The Institute has well established Internal Quality Assurance Cell (IQAC) for accreditations and plays a major role to maintain high-quality standards.

Institutional Values and Best Practices

Run by a team of visionary IIT alumni, KIT is counted among the top rated technical institutes of North India. KIT has a record of producing University rank holders regularly.

The institution promotes gender equity among staff members and organises certain seminars related to gender sensitisation. National and International days of commemoration are celebrated in the institute.

Through enabling solar powered campus, the institute plays a vital role in sustainable development in the society.

KIT has been awarded the third position amongst all private educational institutions/universities of UP for its remarkable contribution in the field of Energy Conservation.

The institute continuously strives for maintaining excellence in higher technical and professional education, through a student centric approach.

Beyond Curriculum Initiatives: Making the right career decision at the right time makes a lot of difference. In today's competitive markets, right path of career choice matching with the potential is not an easy task for the

students. Career growth culture among students is to motivate their transition from college-level education to face the challenges of the future.

eGovernance at the campus: The institute promotes the idea of e-Governance through various channels.

The *website* acts as an information center, where all the details about the courses offered, activities conducted, departments, placements and other useful information are provided.

Secondly, the process of *admissions* is facilitated by *no-paper forms*. The whole process of lead generation to getting the student admitted in the institute is facilitated by the online portal.

The *accounts* department makes and manages financial information through TallyERP software. Payments are made and received through online mode such as NEFT, RTGS, etc.

The *library* is managed by LibSys software. Recommendations are taken from the teachers and students while subscribing to the e-resources.

The *placements* process is facilitated through superset portal, where the notices and other details about the job are shared and managed through this portal. The *alumni* of the college are connected to their alma mater by using the alumni portal powered by Almashines.

The notices, attendance and other academic and employee related activities are managed through in-house ERP.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KANPUR INSTITUTE OF TECHNOLOGY
Address	A-1, UPSIDC Industrial Area, Rooma, Kanpur
City	KANPUR
State	Uttar pradesh
Pin	208001
Website	www.kit.ac.in/kit

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Brajesh Varshney	091-7705011891	8299373429	-	info@kit.ac.in
IQAC / CIQA coordinator	Nidhi G. Kapoor	091-9451515175	8299398688	-	nidhi.kapoor@kit.ac.in

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Uttar pradesh	Dr Apj Abdul Kalam Technical University Uttar Pradesh Lucknow	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	03-07-2022	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	A-1, UPSIDC Industrial Area, Rooma, Kanpur	Urban	10	24500

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme	Name of Pr	Duration in	Entry	Medium of	Sanctioned	No.of

Level	Programme/Course	Months	Qualification	Instruction	Strength	Students Admitted
UG	BFD, Applied Arts And Crafts	48	Intermediate	English	30	5
UG	BFA, Applied Arts And Crafts	48	Intermediate	English	30	10
UG	BTech, Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	15
UG	BTech, Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	14
UG	BTech, Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	0
UG	BTech, Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	29
UG	BTech, Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	30

UG	BTech,Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	150	150
UG	BTech,Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	60	60
UG	BTech,Engineering And Technology	48	Passed Intermediate or Diploma in Engineering and Technology	English	30	12
PG	MCA,Mca	24	Passed Three Years Bachelors Degree in BCA or B.Sc. in I.T. or Computer Science	English	120	84
PG	MBA,Management	24	Passed Three Years Bachelors Degree Program	English	120	92
PG	Mtech,Engineering And Technology	24	Passed B.E. or B. Tech. in Computer Science or Information Technology or CSE or CS and IT or MCA	English	12	4

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	8				13				107			
Recruited	7	1	0	8	8	5	0	13	63	44	0	107
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				136
Recruited	99	37	0	136
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	22	2	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	6	1	0	8	4	0	0	0	0	19
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	52	39	0	91
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	1	0	0	0	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	11	5	0	16
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	849	22	0	0	871
	Female	293	6	0	0	299
	Others	0	0	0	0	0
PG	Male	217	2	0	0	219
	Female	89	0	0	0	89
	Others	0	0	0	0	0
Diploma	Male	258	7	0	0	265
	Female	37	0	0	0	37
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	86	99	123	151
	Female	40	49	57	65
	Others	0	0	0	0
ST	Male	3	3	1	1
	Female	0	0	1	1
	Others	0	0	0	0
OBC	Male	350	320	296	319
	Female	125	106	88	90
	Others	0	0	0	0
General	Male	401	383	367	378
	Female	162	175	167	180
	Others	0	0	0	0
Others	Male	74	72	83	80
	Female	22	21	20	13
	Others	0	0	0	0
Total		1263	1228	1203	1278

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>The New Education Policy functions with the vision of providing finest education to the students to create human resources of our country as global citizens, and this vision is implemented at the Kanpur Institute of Technology (KIT). There is an emphasis on developing integrative colleges and universities offering versatile UG courses as per NEP 2020. 21st century skills are weighted as important among the learners as per this. The syllabus, pedagogy, computation and support systems of higher education are refurbished as guided by NEP. KIT offers various multidisciplinary courses such as B.Tech. in Electronics & Communication, Electrical & Electronics, Computer Science, Information</p>
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	<p>Technology, Mechanical Engineering, Civil Engineering. Institute also offers B.Tech. in imminent expanse like Artificial Intelligence & Machine Learning, Bio Technology. Institute also offers undergraduate courses in Fashion & Apparel Design, Fine Arts and Post Graduate courses in Computer Application (MCA), Business Administration (MBA) and Engineering Technology (M.Tech.). Diploma courses are also offered in Civil, Mechanical, Computer Science and Electrical Engineering. Being affiliated institute, the curriculum has been designed by University/Board. Honours/minors/electives offer a wide range and scope for imbibing interdisciplinary settings in the curriculum. Some subjects are brought into perusal by the University/Board giving scope for the students on Environment & Sustainability, Electric Vehicle Technologies, Smart Grid, VLSI, Human Values, and Constitutional Values. This has helped the interested students to participate and pursue in the courses apart from their disciplines and made them become graduates with versatile skill sets.</p>
2. Academic bank of credits (ABC):	<p>National Academic Depository (NAD) comes with a vision of providing an online store house for all the academic awards awarded. KIT is affiliated to Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow. Being an official member of National Academic Depository which is a government enterprise and as per Digital India Program, AKTU offers an online archive for the academic awards. Students can download the degrees and marks-sheets through digi locker (nad.digitallocker.gov.in) and through the app Terntial using the blockchain technology https://digidoc.aktu.ac.in/instructions. All the courses of KIT are following the Choice Based Credit system of University. Very specifically to see through the gap of academia and industries, the institute has created two new departments viz. Technical Training and Professional Communication. Faculty members of these departments design their curriculum and teach students in innovative manner. The National Academic Bank of Credits (ABC) portal is now linked to the nad.digitallocker.gov.in ingress. As soon as the resolution of the institute is approved by the University, the institute will register on the ABC portal.</p>
3. Skill development:	One of the prime objectives of NEP 2020 is to

	<p>concentrate on employability and to recognize the role education plays in inculcating right skill sets in students. There is a prevalent gap at the talent-skill level and it is very important. All sectors are getting affected due to this. The imperfection in our education system and the lost focus of corporate on On-the-job trainings is a major cause. With the introduction of New Education Policy 2020, there is a new ray of hope with respect to bridging the gap created by providing them with required and industry relevant skill-set. KIT has developed its own Skill Development Cell (SDC). Through this cell, a special concentration is given on enhance the communication skills, logical ability, and computational skills of the students. Moreover, hands on practice on various machines, tools, equipments are carried out through the departments. Besides this institute also runs three year diploma courses in Mechanical, Electrical, Computer and Civil Engineering see though the gap between academia and industry. As part of curriculum, students are studying the courses of Human Values, Value Education, Entrepreneurship, Constitutional Law etc. Credits are also assigned to these courses. Each year orientation programs/Republic days/Independence Day, etc are being organised to inculcate human values/constitutional values among the students. To scale up the learning capability, LMS has also been integrated in the college academic setup.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>KIT also promotes students to use the national language, which is Hindi, through several programs. Debate competitions, essay writing competitions, drama performances and celebration of Hindi Diwas, etc are conducted in the institute to promote the idea of learning Hindi in the students. Moreover, faculty members have been asked to deliver lecture in Hindi also. Webinars and Seminars are organized to encourage the learning of Hindi and focus is levied upon understanding the cultural values inheriting in the prevalent Hindi literary works. Moreover, Hindi Club exists in the college and coordinates all the events and program.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>KIT offers 13 programmes across Engineering & Technology, Management, Computer Application, Applied Arts and craft. All these programmes are offered as outcomes-based education (OBE). KIT has implemented outcome-based education in line with</p>

	<p>University OBE framework. All courses have defined Programme Outcomes, Programme Specific Outcomes and course outcomes which aim to accomplish cognitive skills namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Through OBE, the institute ensures that students not just attain domain-specific skills but also become socially responsible citizens by actively contributing to the society and economy of the nation. Examinations are conducted as per the laid framework of OBE.</p>
<p>6. Distance education/online education:</p>	<p>The education scenario changed drastically because of Covid -19. The institute completely relied on classroom teaching prior to the pandemic, actively engaged in teaching through digital platforms. Although, the digital classes could not completely substitute the face to face interactions in the classroom, still had a great advantage of connecting the students and teachers by overcoming geographical barriers. KIT has used Google Platform for online education. Institute provides email ids to all the students at kit.ac.in platform. This helped a lot in conducting online classes easily. Several webinars, lectures, workshop are being organised continuously. Moreover, institute has its own LMS for increasing the learning ability through online education. This interaction helped in removing mental barriers associated with online learning and teachers and students became more open to online resources. KIT, post Covid also has continued to actively use online teaching and is now using the blended system of learning.</p>

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Electoral Literacy Club is set up in Kanpur Institute of Technology (KIT). The main purpose of the club is to make the student community aware about their primary democratic rights. Various activities are conducted to convey to the students to act as responsible citizens and cast vote during elections. Some of the activities and competitions conducted by ELC for the students are debates, poster making, elocution, essay writing, mock parliament etc.</p>
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<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The ELC is operational at the institution, with the following office bearers: Details of the committee members are as follows: 2021-22: S.No. Name Designation Functional Role 1. Dr. Brajesh Varshney Director Chair Person 2. Dr. Anshu Srivastava Associate Professor (ASH) Nodal Officer 3. Dr. R. K. Pandey Associate Professor (EN) Co-ordinator 4. Dr. Vikas Pandey Associate Professor (ASH) Co-ordinator 5. Mr. Asheesh Gupta Assistant Professor (EC) Faculty Incharge 6. Ms. Deepanjali Shukla Assistant Professor (ASH) Faculty Incharge 7. Mr. Shashank Srivastava Assistant Professor (EC) Faculty Incharge 8. Mr. Abhishek Vishnoi Assistant Professor (EN) Faculty Incharge 9. Sweta Tiwari B. Tech (EC) 2nd Year Student Incharge 10. Aditya Tripathi B. Tech (EC) 2nd Year Student Incharge 11. Adeeba Raza B. Tech (BT) 2nd Year Student Incharge 12. Vikrant Singh B. Tech (EN) 3rd Year Student Incharge 13. Adarsh Pandey B. Tech (EN) 3rd Year Student Incharge 14. Arif Ansari B. Tech (CS- AIML) 3rd Year Student Incharge</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>1. Our students took part in voter awareness campaigns that were meant to teach people in rural areas nearby how to vote. 2. Voter registration camp for the eligible students in the campus. 3. Voter awareness camp was conducted at near tehsil place in Kanpur. 4. Voter awareness camp was conducted for disabled persons and senior citizens in various rural areas. 5. Voter awareness guest lectures were conducted for in-house students. 6. Organised workshops and several activities like debates, poster making, elocutions, essay writing, mock parliament etc, for the faculty members and students of the institute. 7. Awareness about registration process and electoral process of voters was done by educating the people at large.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>The ELC takes initiatives that are socially relevant to electoral related issues, especially by conducting awareness drives, creating content that highlights their contribution to establishing democratic values and participation in electoral processes. 1. The ELC has helped the prospective voters understand the importance of their vote and their responsibility to exercise their voting right in confident and fair manner. 2. Organized awareness drives, developed a culture of electoral participation, maximised informed and ethical voting, and followed the</p>

	<p>principles "Every vote counts" and "No voter to be left behind." 3. Conducted Graduate Constituency voter awareness and registration drive. 4. Conducted Teachers Constituency voter awareness and registration drive.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The students above the age of 18 who are to be enrolled as voters are sensitized about their rights as citizens of a democratic country like India. The primary right and responsibility of every citizen is to cast votes in elections. More than 80% students registered as eligible voters. Institute conducts several activities to provide experience-based learning of the election related setup. Moreover, poster presentations, debates, declamations, elocutions, essay writing, and other programmes are organized time to time to create awareness regarding electoral procedures.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1263	1228	1203	1278	1426
File Description		Document		
Institutional data in the prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 329

File Description	Document
Institutional data in the prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
110	134	140	122	135

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
589.37	606.45	844.99	957.86	999.86

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The Kanpur Institute of Technology (KIT) is affiliated with Dr. A.P.J. Abdul Kalam Technical University, Lucknow and follow its curriculum. It is important to ensure the effective delivery of the curriculum through a variety of processes, such as Academic Council, which maintains the standards of instruction required for curriculum delivery, robust education and efficient examination system. To achieve an optimal and effective way of delivering curriculum, the heads of the departments discuss their action plans. Academic calendars are issued at the beginning of each semester according to the academic calendar of the AKTU. When the subjects are assigned, the time table in-charge creates a master schedule and uploads it to KIT ERP.

In order to ensure that the curriculum is well planned, lesson plans duly approved by the department heads are uploaded on KIT ERP. All the faculties prepare course file of each subject allotted to them. The course file includes Institute and department vision/mission, PEOs, Pos, PSOs, Cos, academic calendar, syllabus, Class/Master time-table, Lesson Plan as per Bloom's Taxonomy, Mapping of COs and POs, Previous Year Question Papers, Assignments, Tutorials. Course file also includes topics beyond the syllabus, quizzes, question bank, list of reference and text books, e-content as per the requirement.

During the covid-19 pandemic all these activities were performed online and the Institution has shifted to online learning platforms Google meet and Google Class Room.

As per guidelines, induction program are planned for I year students. To achieving the effective and efficient delivery of the curriculum, students are exposed to content on career guidance, employment and industry trends through a variety of activities, such as expert presentations with renowned speakers. The concerned HODs regularly oversee the delivery of lessons to ensure that educators complete the curriculum on time.

The department identifies those who are lagging behind and organizes supplementary classes for them. In addition, all departments organize expert lectures on various subject topics. Class representative and parent-teacher meetings are another forum for discussing student progress and making suggestions and amendments as needed.

The preventive and corrective measures are taken after reviewing the predefined parameters of feedbacks which are taken from the students, teachers, employers and alumni.

Institute prepares two calendars as per the guidelines of University viz. Academic Calendar and Activity Calendar to ensure timely delivery of syllabus, internal examinations and other activities with due approval of IQAC and Academic Council.

We have a Centralized Internal Examination system. All the processes of examination are carried out through the institute ERP as per the guidelines mentioned in Exam Reforms issued by statutory bodies. Institute conducts internal examinations through SESSIONAL, Make up SESSIONAL & PUT for monitoring students' performance. Further subject teacher conducts two class tests and home assignments.

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 30

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 64.83

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
774	1200	780	1270	124

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

Institution believes that including cross-disciplinary issues in the curriculum will positively impact students in terms of education and social responsibility. The institute regularly organizes socially significant events and educational programs to enable students to learn how to solve socio-cultural problems constructively. In order to critically examine issues related to gender, environment and ethics from an academic perspective, general elective courses, skill development and talent improvement teaching courses are provided within and across the department.

The institution provides a platform and promotes initiatives in which a combination of social awareness combined with a professional response emerges through the subjects offered by the University and through creative activities related to gender, the environment and sustainability, human values and work ethic.

Value Education Cell @ Kanpur institute of Technology level is also constituted to bring into the light and to educate students, staffs and faculties about the importance and necessity of values and ethics for personal and social development as a whole.

1. Gender Sensitization:

Informing today's youth about unethical practices around us can make them more sensitive, kind and reactive. The Institute believes in creating a space where everyone is equal and respected. The institute also conducts workshops/seminars on gender issues that not only educate students about the atrocities against women in society, but also help them understand gender biasing from the perspective of the gender spectrum.

The Class Representatives (CR) comprises one girl and one boy student for all the semesters. Class related issues are handled by CRs and Class coordinator (Faculty member). Approximately 20% of all students enrolled at the academy are female students. Faculty/staff are well-balanced, both male and female. The institute is a reliable platform where all are welcomed and encouraged, regardless of gender.

2. Environment & Sustainability: The environment and sustainable development are among the most demanding issues addressed with special attention by the Institute.

Through a regular awareness program with posters, models, PPT presentations, talks and workshops, we create everyone's understanding and awareness to protect the environment and promote ecological balance. "Planting Trees" and "Swachh Bharat Campaign" are popular campaigns that serve as documents for this awareness program. Students had undertaken many projects related to environmental issues such as climate change, water pollution, waste water treatment, air pollution, rainwater harvesting, runoff modeling, flood forecasting, green concrete, and energy conservation, environmental protection, and use of natural resources.

3. Human Values and Professional Ethics: The subjects related to the human values as well as human rights and work ethic are included in the curriculum and taught in different branches with different subject codes.

These papers mainly show the nuances of human values and professional ethics among faculties and students and how they should be applied in everyday social and professional life. KIT facilitated faculties

to participate the various programs viz. Universal Human Values conducted by the University.

File Description	Document
Upload Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 29.61

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 374

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 50

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
359	338	387	349	325

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
618	636	804	624	834

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 44.37

2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
141	135	170	171	163

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
309	318	402	312	417

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 11.48

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 using ICT tools

Response:

Conventional teaching has been reintegrated with major ingenious ways of announcing, sharing, and reinforcing knowledge development in students. In alignment with time, the institute emboldens the faculty members to use technology enabled mechanism by providing **LED equipped classrooms** as well as imperative training through internal or external resources. The institute endorses below mentioned student-centric approaches which are pivotal to the Outcome-Based Education system.

Individual learning:

Students are encouraged to use of ICT & E-resources. E-learning platforms like SWAYAM, Coursera, etc. are offered to facilitate nonpartisan learning wherein students can utilise course content online which also viaducts the disparity from classroom learning, and also addendum progressive learning. Students are firmly enlivened to get enrolled for such accompaniment online courses for rapid autodidactic learning. The institute has a well-furnished central library. The library is accoutred with AKTU affiliated E-Consortium (E-Books, E- Journals) for faculty members and students.

Experiential learning

Student-centric learning is provided in the practical classes.

All the departments in the institute have dedicated labs for performing experiments in order to practically examine the fundamentals which are theoretically taught in the Classroom.

Various industrial/educational tours and visits are organised regularly to gain an understanding of the industrial environment, to improve their interpersonal skills, team work.

Internships/ Vocational trainings are provided to the students through which experiential learning achieved. Apart from this, many technical workshops/ fests/ guest lectures/ conferences/ seminars are organized regularly to pursue students to learn through experiments.

The Research and Skill Development Cell helps the students to organise autonomous research in survey methods, data collection, and social outreach.

ICT based learning

ICT facilities in the institute have aided faculty members to understand the process of IPR and research paper publication. ICT based learning is encouraged through various web-assignments, web-quizzes, etc. The facilities utilized by the faculty are Computers/ laptops with internet facilities made available in all departments, use of LED projectors/smart projectors for audio visuals and power point slides, access to e-journals excluding print journals, public educational resources through e-learning and language enhancing laboratory. There are multiple seminar halls equipped with multimedia facilities in the institute. The Faculty members prepare and showcase power point presentations in the classrooms which facilitate them in having bilateral conversations with the students. Faculty members share reading materials, short notes, e-books over different platforms including E-Mail, ERP, WhatsApp, etc.

During the pandemic era, the Institute had shifted to online teaching through Google Classroom. All the students and faculty members used official email id at kit domain. E-content was developed by all the faculty members in the form of video lectures and power point slides and provided to the students in the form of links. Purposeful labs are available in all the departments of the institute. These labs comprise of the latest computer technologies with updated software.

Participative /collaborative learning

The college adopts an interactive path through debates, discussions, verbal group presentations to strengthen interactive learning and added participation. Competitive and Team Spirit are developed through various sports and functions organized by the institute.

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 97.71

2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
125	134	140	122	135

File Description	Document
Upload supporting document	View Document

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 12.64

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	20	20	08	08

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Kanpur Institute of Technology has an exclusive Examination Cell which conducts and manages all the examinations conducted in and by the institute. A proper and fully functional academic calendar is created at the beginning of every academic session, to guide and monitor the academic activities at the institute level. The institute also takes care of the entire routine of examinations at the institute with the help of a dedicated examination schedule, prepared by the exam cell, in collaboration with the academic council.

The schedule is then released and strictly followed while conducting these examinations. There is a systematic procedure, wherein, the question papers are created and uploaded over ERP by respective faculty members. A strategic seating plan is brought into action, to ensure fair and smooth examination process. The institute has a proper and vast network of classrooms and labs, where the theoretical as well

as practical examinations are conducted without any hindrance.

The institute makes sure that none of the students follow the bad practise of cheating in the examinations. There is CCTV in each classroom which helps in close monitoring of the examination through members of examination cell as well. An internal committee of flying squad is prepared which keeps a regular and thorough check on the examination process and also regularly inspects the classrooms and students. In case of any suspicious or in-disciplinary activity being found by the team of flying squad, a very strict action is taken, through the UFM committee, against the miscreants (if any).

The faculty is actively engaged in correction work, and check all the copies of the students within stipulated timeframe. The copies are also shown to the students, so that they can see and learn from their mistakes, and perform well in the future. The scores secured by the students are then uploaded over the ERP, wherein the students can again cross-check their marks. In case of any discrepancies found, the students can raise their concern through the grievance option over the ERP. The student grievances are taken on priority and timely resolution of the issues are provided by the institute.

During the Covid -19, the examination cell had effectively conducted internal examination through online mode (using Google platform).

Being a reputed institute of Dr. APJ Abdul Kalam Technical University, the institute conducts various technical and external examinations in the institute premises. Apart from this, the institute is also the nodal centre of examination for the University. Similar procedure of examination schedule is followed for the external examination as well.

Kanpur Institute of Technology is a top preference of various external government and non government agencies, where these organisations rely on our systematic channel to conduct their examinations such as IIT-JEE, UGC-NET, NTA, Agniveer, UP Police Entrance Examinations and many other similar but varied entrance examinations. We have also been acknowledged by AICTE & NTA for conducting seamless online exam for JEE in 2022.

Thus, Kanpur Institute of Technology works with a transparent, effective and efficient examination system.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

Outcome- Based Learning is intended at accomplishing enviable outcomes (in terms of skills, knowledge,

approach and behaviour) at the conclusion of a program. Teaching with this understanding and shaping the associated endeavour constitutes outcome based learning. This leads to a legitimate methodology for determining the fulfilment of outcomes, and yard sticking these against the program outcomes persistent with the objectives of the program.

Course Outcomes (COs) illustrate what a student can do after the prosperous fulfilment of a course. Every Course concludes with Course Outcomes. The CO statements are specified by taking in mind the course content concealed in each module of a course based on Bloom's Taxonomy. For every course there may be 5 or 6 COs.

Program Outcomes (POs) characterize what students are envisioned to know and would be able to accomplish by the time they graduate. These relate to the skills, knowledge, and behaviours that students pursue as they progress through the program.

Apart from the PO's, every department has autonomy to define its own **Program Specific Outcomes (PSO)** generally, 2-4 PSOs. PSOs are the explanations that describe what the graduates of a certain program are expected to do.

The Key aspects in OBE are the computations of COs. At the primal stage of OBE implementation, the COs for every course is defined on the basis of POs and other necessities. At the completion of each course, the COs are valuated to check whether they have been accomplished or not.

COs, POs, PSOs are also available on college website.

The process of achieving these COs, POs and PSOs start from writing appropriate COs for each and every course of the program from first year until final year. Being an affiliated institute, COs for each course are defined by the Board of Studies of University. Then, a alternation is established between COs and POs in the scale of 1 to 3, 1 being the lowest, 2 being moderate and 3 being highest. A mapping matrix is prepared in this regard for every course in the program including the elective subjects. The COs and their aggregation with POs are reviewed frequently.

Assessment is one of the many processes followed by the department, which identifies, collects and prepares the data to evaluate the accomplishment of POs and PSOs. Attainment is the feedback of achieving a basic consequence towards accomplishment of vital goals as realised by examination results.

Fulfilment of the COs can be computed directly and indirectly. **Direct attainment** demonstrates the student's knowledge from their performance. It can be ascertained from the work of the students in all the relevant internal and external assessment contents. These approaches provides a specimen of what students know and/or can do and provides strong proof of student learning.

Indirect methods such as Course End Surveys ask the students to emulate on their learning. Indirect methods can provide a report about graduate's insight of their learning and how this learning is admired by different shareholders.

File Description	Document
Upload Additional information	View Document

2.6.2 Pass percentage of Students during last five years**Response:** 81.79**2.6.2.1 Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
302	335	351	418	517

2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
371	413	438	533	596

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:** 3.59

File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 25.9

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
25.50	0	0.4026	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

By establishing R&D Cell, IPR, and Entrepreneurship Cell, the institute has established an ecosystem for innovation and other initiatives such as creation and transfer of knowledge. The Institute's mission is to motivate students to launch their own enterprises by providing training in a variety of disciplines for technology aspirants from all fields.

The institute maintains a Research and Development Cell to support faculty members and provide a method for submitting research proposals to different funding organizations. For the purpose of knowledge transfer among students and faculty, the R&D cell organizes various Faculty Development Programs (FDPs), Short Term Training Programs (STTP), Technical Workshops, Seminars, Industrial Visits, and National and International Conferences.

The institute also has an entrepreneurship cell that works to encourage an entrepreneurial mindset and culture among the today's brilliant young. The Entrepreneurship-Cell hosts a variety of seminars about the practical aspects of beginning a business as well as the difficulties and obstacles they overcame along the way. The cell encourages original thinking and assists students in obtaining funding to implement their ideas.

To manage and protect the intellectual property (IP) rights of faculty members and students, the institute also has a specialized IP cell (Intellectual Property Cell). This cell is working to uphold the fundamental moral values of students, academic researchers, and faculty, such as integrity, merit, academic freedom, and the pursuit of excellence, while educating and putting forth transparent procedures for ownership, protection, and commercialization of the developed IP.

The institution regularly hosts informative talk and discussions with experts from the business world and academics. To promote and foster abilities for financial and investment activities, such as trading in stocks on both virtual and actual platforms, the institute also hosts a variety of online and offline competitions.

Many of our current and former students have been successful in starting their own start-up.

The Institute allocates a fund for the research and development, including funding for national and international conferences, symposiums, project competitions, and other events.

Aside from these, students from various departments have established Research Incubation Centers to conduct research under the guidance of faculty members from their own. The institute hosts a large number of national and international conferences that provide students the chance to learn about the most recent advances in Science and Technology.

File Description	Document
Upload Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 16

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
12	01	02	0	01

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**Response:** 0.14**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
13	25	06	0	01

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years****Response:** 0.08**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
04	22	00	0	0

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**3.4 Extension Activities****3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.****Response:**

The Kanpur Institute of Technology strives to create sustainable livelihoods, improve neighborhood

community wellbeing via knowledge, innovation, and transformational acts, and train moral and socially conscious engineers who will benefit society and coexist with the environment.

In keeping with the mission, the institute supports the IEEE Student Branch of the Kanpur Institute of Technology (STB18791), with a mandate to carry out extension activities in pursuit of its service to community and society. The Institute has engaged the students in a variety of activities with the aim of raising awareness of various social concerns and enhancing community involvement for all-around development. The biggest technical professional society in the world, IEEE is an organization committed to furthering innovation and technological excellence for the benefit of mankind. Under its leadership, the IEEE student chapter at KIT is actively organizing a variety of technical, and non-technical activities. Details are given below:

Women Empowerment:

A session on Women's Empowerment was organized the Institute with the Ethics Club on 15th December, 2021. This session was a part of the "Mission Shakti" initiative by the state government. During this session, SP Outer Ajit Singh Ji and CO Srishti Ji sensitized the girl students on women's safety. This program was filled with awareness. Motivational Speaker Aryan Shukla was also present in this program. During this program, the women helpline number 1090, emergency helpline number dial 112 was also discussed and their use was told in detail.

Education in Rural Area and Woollen Clothes Distribution

The institute is also aware towards its social responsibilities. Hence, KIT organized a camp regarding Education in Rural Area and Woollen Clothes Distribution on 4th December 2021 at Gram Tilshari Badokhar Khurg. The Institute took the initiative to help the poor of the nearby locals by distribution of Books, Woollen clothes, food and medicines to roadside poor children.

Blood Donation Camp:

A great initiative of organizing a blood donation camp was taken by KIT Kanpur in association with UHM hospital (under the scheme of AICTE-spices 20-21) on 27th October 2021, Wednesday on the college campus by the Students' Welfare cell of the college.

Faculty members, students, non-teaching staff of the College, donated blood. The donors were also provided with blood donating certificates by the UHM Hospital.

Health Camp:

The Institute also organized a Free Health check up Camp on 4th December 2021 at Gram Tilshari Badokhar Khurg.

International Yoga Day

Institution is ready to organize all the events related to the health. International Yoga Day was celebrated on dated 21.06.2022.

Swachchhata Pakhwada

Institute has organized Swachchhata Pakhwada under the “Unnat Bharat Abhiyan”, this activity was conducted at the Ganga Ghat, Sarsaul, Kanpur on 24.05.2022

Symposium on Therapeutic Yoga

An online event **WIE Symposium on Therapeutic Yoga** was organised by the Institute on **26th October, 2021**.

Several Induction Programs were conducted from 15th Nov., 2021 to 9th Dec., 2021 by the Institution for B. Tech. First Year Students.

Apart from this, various activities are also carried out for the holistic development of the students.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Kanpur Institute of Technology is a premier institute of India which is serving society by providing best education to the students, who are future of country. Kanpur Institute of Technology has received many awards from various from government/ government recognized bodies for their outstanding contribution.

Energy Conservation Award:

State of Uttar Pradesh has given Energy Conservation Award in the Higher Educational Institutions sector for the year 2021. We have received third prize in the segment. Uttar Pradesh New And Renewal Development Agency (UPNEDA) has given this award.

National Intellectual Property Awareness Mission (NIPAM):

Government of India has given Certificate of Appreciation to Kanpur Institute of Technology for organizing awareness program on Intellectual Property Right in the year 2022.

Cycle Rally by Indo Tibetan Border Police Force (ITBP):

ITBP has organized Cycle Rally on the occasion of Azadi Ka Amrit Mahotsava program. Kanpur Institute of Technology has welcomed and facilitate to all the participants in the cycle rally. For this contribution ITBP has given appreciation letter to the Institute.

iSAFE UP Program:

Transport Department of Govt. of Uttar Pradesh has given Certificate of Appreciation for the establishment of road safety club in the institute in the year 2021.

Coordinating and Conducting the Joint Entrance Examination (JEE)-2022 (Session-1):

All India Council of Technical Education, New Delhi has awarded letter of appreciation for the effective coordination and conduction of the Joint Entrance Examination (JEE)-2022 (Session-1), which was organized by National Testing Agency, Ministry of Education, Government of India and facilitated by AICTE, New Delhi.

Appreciation Letter for Anganbadi Cooperation:

Governor of Uttar Pradesh has awarded Certificate of Appreciation to Kanpur Institute of Technology, Kanpur for adopting five Anganbadi Centres under the program "Anganbadi Ke Andron Ko Suvidha Sampann Banane Ki Anuthi Pahal" organized by Chhatrapati Shahuji Maharaj University, Kanpur.

U10 Initiative:

The Institute of Electrical and Electronic Engineers (IEEE) Uttar Pradesh Section has given certificate of appreciation to the Kanpur Institute of Technology, Kanpur for participating and successfully completing U10 Initiative by organizing more than 10 IEEE Events in the year 2021.

Swachchata Padhwada:

Kanpur Institute of Technology has organized Swachchata Pakhwada under the program "Unnat Bharat Abhiyan". This program was organized to clean river Ganga new Najazgarh, Sarsaul, Kanpur Nagar in the year 2022. For this contribution Village Development Officer has given Appreciation Letter to KIT.

Apart from all these awards/appreciation letters many agencies like Competition Success Review, Times of India, India Today, Data Quest etc. which conduct survey to find out institutes in the country for the outstanding contribution in the field of education. All of them have given various rank to Kanpur Institute of Technology, Kanpur for outstanding contribution in the field of education.

File Description	Document
Upload Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 11

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
09	0	0	0	02

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 29

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The institute has been established over the land area of 10 acres with 24500 sq.mtr built-up area of fully green campus. The Institute has created sufficient required numbers of AC classrooms, Laboratories, Computer labs, Library, Faculty rooms, Seminar halls, Conference room with audio and visual facilities for smoothly conducting the teaching-learning process.

The electrical power to the institute is supplied directly through 11kV KESCO industrial feeder. There are three Generators of 325 kVA, 125 kVA and 62.5 kVA for backup power supply. In addition, institute also has setup of roof top Solar Power Plant of 450 kWp capacity. There are well furnished classrooms. Entire campus is covered through CCTV surveillance. The classes have an adequate number of ICT facilities such as LAN, LCD smart projectors with the audio facility. The entire campus including hostels is connected through Wi-Fi. All the laboratories and workshops are designed with the proper layout and being maintained. Laboratories are enriched with sufficient number of experimental equipments, computers & accessories. Library has more than 300 sitting capacity with air-conditioned reading room. Library is fully automated with LibSys software.

Computer center with more than 600 systems is well equipped with all latest software and technologies. It has adequate printers, LCD projectors, scanners, routers, etc. Examination room, visitor's room, board room, offices, reception lounge, etc are the part of campus. All the academic blocks in the institute are connected together and provided with ramps and lifts to make it convenient for differently-abled students/persons.

RO water supply is available in entire campus including hostels. The institute has a sufficiently equipped gymnasium, sports ground for badminton, tennis, volleyball, basket ball, football and cricket along with infrastructure for cultural activities such as open stage, Auditorium. Yoga center is also available in the campus. Infrastructure is also available for various club and house activities of the institute. Besides this, institute also has canteens, stationary shop, photocopy shop to cater the daily needs of the students and employees. Parking area is also provided. Medical room available in the campus caters the need to provide first-aid facilities. Moreover, institute has its own ambulance to provide medical service with nearest hospital in case of emergency. Medical room has all basic facilities and equipments like oxygen cylinder, wheel chair, stretcher, nebulizer, glucometer, etc.

Institute has more than 400 capacity Boys' & Girls Hostel in the campus including mess facility. Each hostel has all facilities like cold-hot water supply, common room, power back up, sports facilities, etc. Hostels are protected against fire through fire extinguishers and fire hydrants with underground water tanks.

To cater the needs of day scholars and employees, air-conditioned busses are plying from all corners of the city. Bank with ATM facility within the campus is also available for carrying out financial transactions.

At the time of pandemic **COVID-19**, the institute started online teaching-learning process. All the students and employees have been provided official email ids at KIT domain (@kit.ac.in). Moreover, meetings and classes were organized through Google Meet and Google Class Rooms.

File Description	Document
Upload Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 12.92

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
239.72	34.19	31.10	30.12	181.68

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The central library is consisting of two storied building with carpet area 1254.83 sq. m. There are more than 60000 volumes of books available in the library for the use.

Library Automation

It is very important and essential now days to have automated and paperless library functioning. With the various discipline and vast varieties of books it is extremely difficult to access the required literature through manual means. In order to achieve this Institute has switched over the functioning of its library through use of automated library management software.

The day to day routine library activities such as circulation, cataloguing, acquisition and data processing

are done through library automation.

The function of library has been completely automated with an Integrated Library Management Software, LIBSYS, Version LSEASE (Software to Web Centric LSEase Software on Windows). The same is being used for all kind of circulation, procurement, Online Public Access Catalogue (OPAC) and project reports. All the library books are bar-coded and are being issued to the users by identifying the barcodes. The library stocks include the books, syllabus, question papers, journals and project reports. The library users can access publications of all major publishers such as Elsevier, Springer, ASCE, IEEE, and McGraw Hill etc. The users can access more than 13,000 E-books and 5000 E- journals.

The Library is also a member of E-consortium, through which the access is available for about 10000 E-Books and 5000 full text E-journals both National and International.

The Library is also a member of NDL club, which has a collection of more than 6 lakh e-books for the use of all the students, faculty and staff members. The use of Wi-Fi facility is also available for accessing library resources and hence all the E-resources are accessible throughout the campus by means of network connectivity.

Besides printed books and journals, the Central Library subscribes to large number of e-journals in the field of Engineering, Science and Management. It also comprises of a video library with headphone facilities for accessing various offline lectures of IIT and NIT professors. The library also has an additional feature of the Book Bank Section which provides the required number of text books to the students in the beginning of each semester.

There are about 31 teachers and 148 students who visit library daily.

The Institute conducts library stock verification at the end of every academic session and identifies the books to be weeded out because of change in syllabus or physical damage. Such books are replaced/ removed from the library after the verification and approval from appropriate authorities. The new books are inducted in sufficient numbers as and when there are changes in the syllabus or new courses are started by the institute along with books being replaced due to the weeded out and damaged books.

In the year 2021-22, approximately 1254 books were purchased with a cost of Rs 6,12,013.93.

File Description	Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

Institute is continuously upgrading its IT facilities. Institute started with 60 systems of P IV processor with

CRT monitor in 2004. Now there are more than 900 systems in college with Core 2 Duo, i3, i5 processor with LED monitors. LAN network is upgraded from 100 Mbps to 1Gbps. Bandwidth is upgraded sequentially from 4 Mbps to 5, 10, 30 and 60 Mbps at present along with back line of 10 Mbps. Hardware switches of 100 Mbps is upgraded to 1000 Mbps. The cabling is also upgraded from CAT 5 to CAT 6. Campus network is connected with OFC cable with the use of layer 3 switches. Servers are upgraded from XEON P IV to XEON i3. For network security, custom open source firewall server (pfsense) is used. Systems RAM are also upgraded from DDR1 to DDR2, DDR3 and DDR4 respectively. Network printers are also added in existing USB printers.

The online UPS of 30 kVA has been increased to seven in numbers. Moreover, each system has been provided with 600 VA and 1kVA UPS separately for back up. The shared cloud for ERP and website operation has been shifted to dedicated cloud. SSL certificate has also been updated on college website and ERP.

The use of IT facilities have emerged as the most significant and important part of life among all other technological applications in the Institute. The infrastructure facilities related to IT are created and updated time to time by considering the requirements of all the users.

The online MOOC courses through Swayam portal are made available to all the students and also online NPTEL-FDP courses through Swayam portal are made available to faculty members. Apart from this there is video library of recorded lectures of IIT professors through NPTEL.

The Institute has a unique Internet registered domain named as **kit.ac.in** and the same is available for its use to provide its own e-mailing facility, to all the students, faculty and staff members.

Most of the classrooms are ICT-enabled fitted with all-in-one projectors and portable LCD projectors are also provided for other Labs/classrooms as and when required. Video conferencing facility is available in the seminar halls of the departments. Library is completely automated through LIBSYS software, which provides a very user-friendly interface for searching books in the library and their current status of issue. Library also facilitates the remote access to its users through Web-OPAC portal. Financial accounting is carried out through TALLY software. Admission enquiries are handled through well dedicated software NPF (No Paper Form). The day to day work of entire institute is done through college ERP. Placement cell interacts with the students through dedicated portal of SUPERSET. Besides this, strong Alumni connect is being managed through a portal of ALMASHINE.

File Description	Document
Upload Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 2.22

4.3.2.1 Number of computers available for students usage during the latest completed academic

year:

Response: 568

File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 32.97

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
223.58	243.97	290.87	301.24	258.46

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 42.98

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
450	520	580	610	590

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 72.77

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1128	924	1124	787	693

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 44.1

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
162	135	138	220	193

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
302	335	351	418	517

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 66.67

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	01	01

5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	01	02

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 13

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
05	0	08	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 10

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	11	08	08	07

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Institute has dedicatedly worked towards sculpting the careers of students into technocrats, leaders, entrepreneurs, analysts, universal managers and successful businessmen. With the objective of creating a cordial relation with the alma mater, to enhance job opportunities in the institution and to foster a corresponding platform to share and instigate the success stories of alumni, an Alumni Association is officially registered with the name 'Kanpur Institute of Technology Alumni Association' under the Societies Registration Act, 1860 with the date of incorporation as 28th January 2022, with the registration

number KAP/12596/2021-2022.

Kanpur Institute of Technology Alumni Association is working towards building a resinous bonding among the alumni members and the present students inculcating a spirit of integrity towards the institute and to bolster its welfare activities, through prospering the students of the institute. The association conducts communal sessions to galvanize current students about the employability and support the students through guiding them by organising mentorship programs. The pass out students share their opinions through seminars and webinars, conducted throughout the year. The official portal of the alumni association, powered by Almashines, aids in fabricating a convolution of the alumni and helps the establishment in being in contact with the corporate world.

The Alumni Meet for the current year was organized on 24th December, 2022. The ‘Alumni Meet 2022’, started off with fun-games and was followed by ‘KITAA Alumni Awards – 2022’, which were given in the fields of - Arts, Cultural and Sports Excellence to Gaurav Srivastava from the class of B.Pharm 2022, Profession and Management Excellence which was awarded to Komal Kushwaha from MBA 2021 batch, Health Sciences Excellence to Baljeet Singh from B.Pharm 2022 batch, Innovation and Entrepreneurship Excellence Award was given to Aditya Kanaujiya from B.Tech 2017 batch, Social Influencer Excellence Award went to Naman Gupta of D.Pharm 2021 batch and Engineering and Technology Excellence Award was bagged by Kratika Sinha Shukla from the class of B.Tech 2015. The event was followed by memento gifting and a snacks and dinner session.

The alumni association also provides contribution in the development of the institute, with the help of financial contributions from the alumni in the form of donations. An account with the name of ‘Kanpur Institute of Technology Alumni Association’ is fully functional with ICICI Bank Limited, and has received a fund of more than Rs. 10 Lacs from the pass outs of previous batches. The contributions by alumni are not only limited to financial aspects, but also extend further to references shared by alumni towards growth in admissions as well as placement opportunities for the college and visits to the institute. The institution expects the trend to continue with the years to come. The guest lecture sessions given by the alumni, are also another way through which the alumni of the college have done a significant contribution in the holistic development of the students of the institute. The alumni association intends to follow this trend and make valuable contributions towards the overall development of the institution.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

The Vision and Mission statements of the institute are mentioned as below:

Vision

To transform ignited minds into technocrats and managers, globally competitive, highly skilled with positive mind-set, responsive to the social needs which respect human values and work as cohesive team to contribute to the needs of the country and world at large.

Mission

- Prepare students to acquire required skills, positive mind set to social and human values.
- Facilitates the exchange of knowledge and ideas to provide a broad range of services to its members to develop their careers.
- Prepare students to cater to global market with competitive spirit.
- Be the leading Institute to maintain the high standards of professional conduct.
- Provide authoritative and ethical advice on matters of engineering designs.
- Prime focus for the advancement of engineering.

The Governance

The broader objective to run the institute is provided by the Management Committee and is fulfilled through operations by various departments and bodies responsible for operations.

Management Committee

The institute has constituted the Management Committee in accordance with the requirements of the university (AKTU). The Management Committee reviews the plans created in relation to academics and administration. In addition to this, the committee conducts meetings with several participants (Parents, Teachers, Employers, Alumni and Students) on a regular basis. The observations gathered through these meetings are reviewed subsequently.

Important Bodies: In order that the institute operates and conducts smoothly, different bodies have been created in the institute. The list of these bodies is as follows:

- Management Committee
- Academic Advisory Board
- Academic Council
- Internal Quality Assurance Committee

- Research & Development Cell
- Intellectual Property Right Cell
- Training & Placement Cell
- Entrepreneurship Cell
- Grievance Redressal Cell
- Media Cell
- Examination Committee
- Proctorial Board & Anti Ragging Committee
- Technical Teachers' Training Committee
- Scholarship Committee
- Students' Welfare cell
- SC/ST Committee
- Human Resource Management
- OBC Committee
- Minority Committee

Decentralization and Participative Management Practices in Institutions: - The decentralized system of governance is visible at every level. The Director, Deans and Heads of Departments evolve and implement appropriate mechanisms and policies to govern smooth functioning of the institute. The Management Committee grants complete liberty to the policy makers in this process.

Further down for day to day operations, the Heads of Departments along with their faculty members create timetables, keeping the workload assigned in mind. Apart from this they also plan activities, industrial visits on-the-job trainings specific to their departmental requirements.

In matters related to academics and examinations, the opinions of faculty, non-teaching staff as well as parents are considered. These views are solicited through informal and formal meetings between various contributors.

In KIT, our students are also provided with several opportunities to develop and hone their leadership skills. We regularly conduct numerous activities through clubs and house activities.

All these operations are regularly monitored by IQAC and they continuously suggest ways and methods for betterment.

File Description	Document
Upload Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

KIT is one of the best engineering institutions in Kanpur, founded by Indus Technical Education Society in 2003. The institute is affiliated to Dr. A.P.J Abdul Kalam Technical University. KIT has a defined structure, as under

Management Committee - The major task of Management Committee is to create policies, rules and regulation for smooth functioning of the institute. It also ensures proper allocation of available funds and utilisation of resources during the academic year. The objective of the committee is to see that the institute achieves the mission of the institute in a consistent manner.

Director – The Director is the one who provides leadership to the institute. He helps in creating an environment which automatically encourages the growth and academic development of the institute at all times. By participating in strategic and operational planning of the institute, the Director fulfils the administrative and teaching requirements of the institute.

Academic Council - The Academic Council is the academic authority of the institute. The prime responsibility of the Council is to regulate and maintain teaching and evaluation standards of the institute. It helps to create and implement academic calendar and academic policies. It monitors routine teaching along with the feedback of the students and ensures that the internal and external examination is conducted properly and the results are declared in an unbiased manner.

IQAC – The purpose of IQAC is to plan, guide and monitor quality in the institute. Also the IQAC continuously works for enhancing the quality standards of the institute. the cell has a significant role to play in maintaining the teaching, learning and evaluation standards of the institute.

HODs – The smooth functioning of the activities related to academics and administration that have been planned by the Academic Council is ensured by the HoDs. They take care of co-curricular and extra-curricular activities related to the department. They meet with the student representatives of their department on a regular basis to identify the loopholes and take timely remedial actions.

Training & Placement Managers – The T&P Managers connect with the representatives of several organizations across the country to identify the job requirement for the students. In this process they also identify the training requirements for the students and accordingly get the same conducted by getting it included in timetable. They regularly conduct Personality Development and Communication classes for the students.

Accounts Department – The department takes care of the finances of the institute and the compliances of its financial documents. It monitors the revenue and expenditure of the institute in various domains.

HR Department – The main function of the HR Department is to hire the faculty members as per the norms of AICTE. It conducts annual reviews to measure the working of the faculty in terms of teaching and research and accordingly manages their appraisal. It takes care of attendance and leaves of all members of the institute. The training and development need analysis and its fulfilment is also done by the department.

File Description	Document
Upload Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

Response:

Satisfied employee of any organization is key to its success. It is not infrastructure but humans and collective work together make organization's most of the processes productive and professionally managed. The management committee of the institute has initiated several welfare schemes for its employees.

Welfare measures:

- Provision of Provident Fund
- ESI facility
- Subsidized Bus Facility
- Training & Development Programs that are facilitated by Experts
- Reward & Recognition Policy for faculty outbound visits
- Employee engagement activities and maternity benefit schemes
- Environment that supports research and development, reimbursement of fees and duty Leaves for attending FDP/ Workshop/ Seminar.
- PhD Incentive Reimbursement Study leave and sabbatical leave
- Conference Fee reimbursement.
- Incentive related to Research Publications
- Fee reimbursement to promote patent applications and legal advice
- Group Insurance
- Teachers day celebration and honoring the faculty members
- Recognition of good work by employees
- Incentive scheme for the ward of employees at the time of admission

- Diwali & Holi Celebration and gift distribution
- New year get together and celebration
- Canteen facility
- Subsidized food in mess
- Bank and ATM facility within the campus
- Mostly separate chambers
- Sports events for employees

The above mentioned points pave a roadmap to achieving the organization's desired long term goals and help the faculty and staff members to work in an efficient and effective manner. These schemes are available for all the employees of the institute and they can avail these facilities as required by them. It is because of these initiatives that the institute is able to retain faculty and staff for a longer period of time. Recognition, Growth opportunities, Monetary benefits, Positive work environment are some of the factors that motivate the teaching and non-teaching staff of the institute.

Performance Appraisal System

Institute always plays an important role in performance appraisal. There is a 360 degree feedback mechanism for the performance appraisal of every employee of the institute. Periodically feedback is taken from the students, subordinates & peers, Head of dept, parents. Feedback is also taken through automated feedback report generated from the ERP.

Each faculty and staff members submits self appraisal form annually by 30th June. Feedback is taken from the concerned HOD on the self appraisal submitted by the employee. HR committee reviews the self appraisal form and the feedback collected through 360 degree mechanism. After reviewing the report, it sends its report to the Director for approval. Director sends its report to the Management of the institute for implementing the increments. After discussion, Management committee approves the increment based on the reports. The employee's are always motivated by offering competitive salary, perks, rewards, welfare schemes, leaves and annual increments.

The role of IQAC is very important in performance appraisal system. It conducts the performance audits of departments which includes co-curricular activities, teaching-learning activities, extracurricular activities, etc.

File Description	Document
Provide Link for Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 2.96

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
05	0	05	06	03

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 33.76

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
103	71	71	23	49

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
94	68	65	23	48

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Kanpur Institute of Technology works on a self-reliant financial model. There are various internal sources of funds that are collected and managed by the institute, which comprise of fees collection from academic courses (tuition fees), hostel, transportation, consultancies, online examinations, rent, bank interests, miscellaneous incomes and grants from various government bodies such as IEEE, AICTE, AKTU and other similar institutions. These funds help the institute in smooth flow of managing operational costs.

The budget system of the institution works under a proper channel, wherein the department heads prepare a stipulated budget draft for conducting various activities and regular tasks related to work. The administrative department and accounts department of the institute closely monitor the budget proposals and provide approval post discussion. Purchases for various activities are done through and within the approved budget. The finance team of the institute keeps a track of these purchases, so as to avoid any gap in implementation of this financial policy. These funds are used in conducting extra-curricular and co-curricular activities for the students, developing several facilities such as library, computer labs, science labs, renovation and construction of lecture and seminar halls and auditoriums, betterment of transportation facilities and installation of modern facilities such as vending machines in the college premises. A proper channel of approvals and verifications is followed by the institute in making these purchases and payments. The salaries and wages of the staff and other major costs, such as construction and maintenance are taken care by the administration and accounts department separately.

Primary sources of Resource Mobilization

Sr. No.	Source
1	Tuition Fees
2	Hostel Fees
3	Transportation Fees
4	Consultancies
5	Bank Interest
6	Grants from Government Bodies (IEEE, AICTE, AKTU, etc.)
7	Online Examinations
8	Rent
9	Miscellaneous Incomes

The institute regularly conducts regular internal and external audits of accounts. The accounts department conserves the Books of Accounts using TALLY ERP 9.0. If the auditors observe any discrepancy it is immediately rectified.

Internal Audit: The Auditor of KIT conducts audits on a daily basis and ensures that the documents adhere to the guidelines established by the institute. The audit report is sent to the account officer to make the necessary corrections. These corrections after deliberate discussions are made in the books accordingly. The Internal Monthly audit report is submitted to the accounts department.

External Audit: Batra-Agarwal Associates, is the registered chartered accountant firm of KIT. The firm conducts the annual statutory audit as per Income Tax Act 1961. Every year, the firm prepares the required financial documents like profit and loss statement, balance sheet, Cash Flow statement etc. At the end of the financial year, the firm submits the ITR and submits ITR along with the audit report bearing the signature of the Management Committee.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

In any institution, IQAC is the most important body, which is accountable for quality assurance in the organizational operations. All the activities related to value addition in the quality of education provided in the institute are conducted by IQAC, as well as, their initiation, planning and supervision is also presided by the body.

The key to success of any institute depends how effectively Internal Quality Assurance Cell (IQAC) works. In KIT, IQAC is incorporated under the leadership of the chieftain of the institution (Director). The IQAC comprises management representatives, faculty representatives, staff representatives, student's representatives, alumni, employers and is coordinated by Deans. Representatives from the faculty group, management of the institute, administration department, alumni, industrialists and internal society members are the part of the IQAC.

The high standards set by the institute, are taken care of by the IQAC, through regular visits in the departments and sections, as well as, through timely feedback by the employees of the institute. The members of IQAC keep a regular check on the course files, lab records, mentoring records, attendance records, and other necessary data related to academics, and stock registers to ensure adherence to compliance. A report of the same is prepared and presented before the IQAC coordinator in a pre defined assessment format. Discussions and analysis is done for the same in the IQAC meeting and sent to the concerned department with suggestions for improvement, if found.

Contribution in teaching-learning process: - The main purpose of IQAC is to observe the processes involved of teaching-learning and continuously recommend the improvement in the system. With respect to the guidelines of the university and as per the principles of Blooms Taxonomy, the faculty members prepare lesson plans of their subjects before the start of the classes. They also prepare the course file for each subject to be taught during the semester, The course file contains previous year question papers, question banks, notes, reference books, etc. The faculty members upload the attendance of the students over the ERP. All these files and attendance are subsequently monitored by the cell.

Contribution in Research & Development: - IQAC also oversees the research & development environment in the institute. It provides the frame work to develop research policy of the institute. The members of the IQAC are continuously motivating the faculty members for involvement in good quality research papers, book chapters, patents, organizing the workshops/seminar etc.

Contribution in Welfare of students and employees:

IQAC lays out the basic principles of students' and employees' welfare as per the guidelines of various statutory bodies and others. On the basis of the inputs received, institute organizes different activities and functions through clubs and houses. Different scholarship schemes offered by the institute and government agencies are informed to the students. Anti-ragging Committee, Women Harassment Committee, SC/ST Committee, Grievance Redressal Committee also work on the guidelines of statutory bodies and IQAC inputs.

File Description	Document
Upload Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - 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 and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

Kanpur Institute of Technology (KIT) regularly hosts a variety of activities and events to raise awareness of gender equity. Gender discrimination, according to KIT, is the evolving source of the word 'Gender Equity', which is achieved by holding seminars, debates, and group discussions for boys and girls on the same platform.

The main objective of initiating gender equity awareness is to promote the basic concern about humanity that an individual's rights, responsibilities, opportunities, and strengths are not defined by their genders but by birth. KIT believes to treat every individual equally despite of gender in terms of rights, benefits, obligations, and opportunities.

In today's world, Women empowerment is a crucial issue. According to the rules and regulations of statutory authorities like AICTE, MHRD, etc., the institute has established a number of committees with senior female faculty and staff members, including the **Women Harassment Committee (WHC), Ethics Club, Counselling Cell and Internal Complaint Committee (ICC)**.

These committees are concerned for -

1. Promoting gender equality while also addressing concerns for the institute's female academic and staff members' and female students' safety and security.
2. To appropriately address the concern of female students and staff members with gender sensitization, make attempts to resolve them quickly, and offer suitable assistance and counselling.

The female faculty members of the aforementioned committees regularly provide counselling to the female students. The departmental faculty members and the Women's cell offer classes for students on gender, women's rights, and women's empowerment.

An awareness workshop on women's empowerment, gender sensitivity, cybercrime, and self-defence was held on the college grounds in cooperation with local police officers.

Ethics club of KIT organizes various events on the theme related to Gender Equity such as debate, nukkad natak, awareness programs in collaboration with etc. to promote the negative impacts of the gender biasness in the society.

Honoring India's rich legacy through commemorating days, occasions, and festivals are of national significance.

The youth are also inspired when they learn about the significant contributions that historical figures made

to justice and freedom. KIT commemorates a number of important national and international holidays to provide our students with relevant and interactive lessons on the history, customs, and traditions of India. One of them is the inclusion of topics like Indian, Tradition, Culture, and Society and the Indian Constitution, law, and Engineering at KIT, which aids students in identifying solutions for societal improvement.

Every year, the institute enthusiastically participates in a number of activities to commemorate national and international holidays, events, and festivals. The celebration of various holidays instills in the minds of the kids and ideas of great Indian Individuals. On a regular basis, the institute's Facebook and Instagram sites share information on various memorial days.

File Description	Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and

responsibilities of citizens (Within 500 words)

Response:

Kanpur Institute of Technology (KIT) is renowned for its pursuit of academic excellence as well as for its policies promoting empathy, societal awareness, and congruence with the local culture and sensibilities.

KIT has always had a diverse cultural population. Not only our students from all regions of India, but so are our faculty and staff. We enjoy each other's festivals, music, and art.

Language diversity is reflected in posters and banners, musical interests are reflected in college bands. We send each other our best wishes on our individual religious and social occasions.

Through cultural activities, speeches, and talk sessions, KIT observes traditional occasions and the birth anniversaries of stalwarts on campus with the right amount of cultural fervour.

KIT also regularly hosts yoga campus and workshops for its community on campus as a tribute to our traditional spiritual norms of mental and physical wellbeing. Additionally, everyone participates enthusiastically in National Yoga Day celebrations.

The formulation of policies takes into account according to the regional issues. Regional events are taken into consideration when creating holidays and vacations.

By using English as a shared professional language during working hours, linguistic variances are integrated.

In KIT, racial divisions are uncommon. Caste, creed, and religions blend together as members of the KIT community interact for work, play or celebration.

Economic and social disparities do exist. Not every person has a place with similar social or financial layers. Nonetheless, while at work, these partitions obscure as we become KITians consolidated for a typical reason on a typical stage. Our objectives homogenize us and our financial matters are straightforwardly corresponding to the organization.

The creation of the nation's future citizens is the ultimate purpose of all education. The functions and obligations set forth by the constitution are well understood by KIT. There is no regulation more prominent than that revered in our constitution. At KIT, we are dedicated to upholding the Indian's constitution's principles in both, word and spirit. Every occasion is opened with an inaugural speech that praises and honours the vision statement of our ancestors.

On constitution Day, KIT collective reaffirms its commitment by reading aloud the Preamble word for word. As part of their ideals and Ethics lessons, which are integrated into their curriculum, students are reminded and given the assignment or projects that uphold constitutional values. KIT is a responsible organization that pledges its adherence to the constitution, which is the most significant religious text in a democracy.

File Description	Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

1.1 Title of the Practice – Beyond Curriculum Initiatives

The university has set up the traditional education for the courses where affiliated college like KIT might not have complete autonomy to choose or create the curriculum, so visionary management of KIT has taken up the initiatives beyond traditional curriculum to enhance and upgrade the students' employability scores.

1.2 Objectives of the Practice –

1. To outfit understudies with the genuinely necessary space abilities.
2. To layout among the understudies the conviction that one coding language ought to be viewed as identical to the procurement of a third language.
3. To plan understudies to confront new & upcoming changes in the expert world.

1.3 The Context –

The corporate world is developing at a quick & inventive speed, where businesses are moving from INDUSTRY 4.0 (Digitalization, Robotization and simulated intelligence) to INDUSTRY 5.0, with an irrelevant contrast among human and machine connection to improve the client experience. The Training & Placement Cell @ KIT that is essential for raising our students' employability and skill levels.

1.4 The Practice –

Since the day of orientation, the students of the institute are made aware about various courses which are beyond the curriculum being practiced for their individual personality and knowledge enhancement as they can choose appropriately for themselves.

- The T&P Cell ensures that every student is able to explore the practical applications of the Technical languages like C, C++, Python, Java, etc. to entrench it in them like a third language.
- Under the direction of the T& P cell, pre- final year students receive training in soft skills, quantitative aptitude, and verbal ability to improve their employability and prepare them for on – campus assignments.

1.5 EVIDENCE OF SUCCESS –

Constantly increasing job opportunities and students' placements from our campus acknowledge the

concerted efforts of the institute.

1.6 Problems Encountered & Resources Required –

By strictly enforcing the institution's academic policy, the biggest obstacle to ensuring students' participation has already been addressed. As for the necessary resources, all of the faculty members involved in the training are internal resources who make arrangements for appropriate interaction with alumni and industry personnel as & when required. Additionally, a contracted company is occasionally made accessible to the students as needed.

1. Title of the Practice –E- Governance

In the world of automation, KIT has adopted a well-equipped service 'ERP'- an excellent application of cloud, a few years ago. The basic thoughts of providing this service to the institute are – Intelligent Automation, greater efficiency, and an instant insight across the organization.

2.2 Objectives of the Practice –

1. To promote automation among employees and students.
2. To establish a work culture with greater efficiency.
3. To get an instant insight across the organization.
4. To promote zero paper policy.

2.3 The Context –

Asteroid365 is online institute automation software that allows all its members to collaborate and share information at work and can fulfill their respective profile. The Asteroid365 platform includes the Asteroid365 ERP websites, apps and related online services, together the '**Service- ERP**'

The Service is intended for use by organizations and in accordance with their instructions and is provided to the employees by our management that has authorized employees' access to, and use of, the Service 'ERP' of KIT. The aim of inculcating this service in our institute is to make easy accessibility of different sections at one place.

2.4 The Practice –

Since the first day of newly joined/ admitted employees/students are made to inform about a centered monitoring facility i.e. Enterprises Resource Planning (ERP) so that they can get the required and relevant information timely whenever and if required.

- **Student Login** - Students can observe a number of features like availability of subjects, time table, assessment details, as well as transportation and hostel related facility detailsetc. which will be helpful for them in their daily college life.
- **Employee Login** - Employees can observe a number of features like attendance reports, leave/ tour records, assessment related activities as well as student reports such as attendance, transportation, marks finalization etc.
- **Online Payment** - In order to support the Government of India's initiative Digital India, the institute encourage the students to deposit their tuition/ hostel/ transport fees through online mode

by the link given at their ERP dashboard.

- **Feedback management** -This allows the institute to conduct survey/feedback process to get the opinion of students on the different services offered by the institute.
- **Grievance Management** - Grievance Management System enables the organization to manage the queries/grievances of students and employees. These grievances can belong to any head/department/category where in- charge of these problem areas or departments will be responsible to resolve the queries/grievances of the applicant.

2.5 Evidence of Success -

- **Grievance Portal** – The institute has initiated the Grievance section on the ERP portal where employee or student can put their grievance related to their professional scenarios while being in the institute which is directly monitored by head of the institution and the management members.
- **Feedback Evaluation**–Evaluation is the ground process which justifies an individual’s growth. The institute believes in taking feedback for every process an employee or a student goes through.
- **Results compilation** – The most tedious process is to generate all the internal evaluation marks and compile all the internal evaluation of the students which has become much easier through ERP. It overcomes hustling among the students about knowing their marks individually.

2.6 Problems encountered and resources required –

- A major challenge in the documentation process was manually maintenance of all the records related to the students and employees where chances of data fabrication or data manipulation were high. Data handling either related to the students/ employees which were comparatively tedious when manual became an easier one with ERP.
- Resources required for smooth conduction of ERP are reliable source, good internet connection, techno- savvy employees and admin for handling issues.

File Description	Document
Any other relevant information	View Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

The journey of Kanpur Institute of Technology which began in 2004 with about 300 students and has since grown to 1200+ students, exemplifies the phrase “Live your principles and you can turn the world around”. Kanpur Institute of Technology is proud to have 10000+ engineers, pharmacists, managers and entrepreneurs as its alumni. The institute acknowledges and thanks the alumni for being out there, with

such enthusiasm and pleasure, and being a part of making the institute achieve great success.

Due to its advancements in creative and skill-based education, the institute has established an exceptional reputation as one of the educational colossals among technical institutions in Uttar Pradesh. Its academics, extracurriculars and placements all suitably reflect its steadfast commitment to “Educating Minds”.

- **Kanpur Institute of Technology Alumni Association:** The members of Training and Placement Cell make up the alumni connect and most importantly, the prestigious and most valuable alumni of the college. The objective of this body is to strengthen the alumni-alma mater bond and organize various events to make this happen.

The institute has also registered its alumni association under the Society Registration Act, 1860; making its alumni association a legal entity and to expand the process of bringing all the alumni of the institute together. The journey is endless and the alumni association aims to prosper in the years to come.

- **Training & Placement Cell –**

Through substantial industry involvement, Training and Placement Cell focuses on raising skill levels to meet the world wide standards and creating the appropriate structures and standards for our students’ training. The goals of Training and Placement cell are to promote students’ competency and skill development through the delivery of recognized training programs across many industries along with rewards and certification on successful completion. It encourages students to improve their employability and prepare them for the workforce by providing-

1. Communication Skills
2. Personality Development
3. English Language Skills
4. Technical Skills

It is the dream of every student to get a job offer through campus placements while still being in the institute’s prestige in the contemporary society. It instills the enthusiasm of students and gives every opportunity to explore in all aspects. KIT, Kanpur is committed to get more and more recruiting companies on-board and it is heartening to note that each year we have been doing better than the previous one. In addition to, as the KIT keeps abreast with the needs of the job market during its interaction with the industries. We are conducting numerous mock placement drives, interviews to prepare our students ready to face the global competition. We are providing training sessions, seminars and many important webinars to update their skills in all formats according to global market requirements.

- **Entrepreneurship Cell** - Entrepreneurship is the creation or extraction of value which can be economical or non –economical; it is described as being the process of creating, establishing and opening a new firm. While being futuristic, this cell has been created to strengthen leadership skills and self development where a platform is provided to the students to put forth their thoughts.
- **Counseling Cell**–“The world’s greatest achievers have been those who have always stayed focused on their goals and have been consistent in their efforts.” Our mental health is vital to the growth and development of our life, so it should be strengthened accordingly by the proper guidance and motivation. KIT has introduced a counseling cell which focuses on the mental health of the students and handles queries related to their personal or professional careers.
- **Professional Communication Department**–“Effective communication is 20% what you know and

80% how you feel about what you know.” An innovative and revolutionary step to make the students aware of the need of professional communication in their upcoming career is taken place by the institute. It focuses on the overall personality development and presentation of skills through a better communication among the students. It will inculcate the basic

- **Technical Training Department** – The need of the industry to learn and develop technical skills beyond curriculum. For this a technical training department is set up which focuses on the technical skills of the students.
- **Quizzes organized by Prutor**–The institute has grabbed the opportunity that has been started by AKTU which is named as **Prutor online academy; the way IIT’s learn how to code (Intelligent Tutoring system for Programming)**. This academy has developed and handled by IIT Kanpur where they provide quizzes by which students get brushed up in their coding skills. Every first year student of computer science is compelled to register on this portal to make enhance their coding skills as per the requirement.
- **Rewards for top-performing students** –KIT has long held the belief that rewarding the top performing students at both the institution and university levels is important. In a formal event of felicitation, the management members of KIT award them with a prize amount. The goal is to boost the academic performance of institute’s students. To motivate them to work hard and instill a healthy spirit of competition, prizes and recognition among all the students, all the branch toppers are honored with scholarships.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Kanpur Institute of Technology was established by Indus Technical Education Society. The majority of the members of the Society have graduated from the best Institutes of the Country viz. IIT Kanpur and IIT Delhi. Therefore, the overall objective of the institute is to ignite the young minds, that can be seen in overall functioning of the institute.

Concluding Remarks :

Summarising the functioning of the institute, we can say that the KIT has been catering to the needs of the society for more than 18 years, and has been setting benchmarks in various parameters throughout its progression. The institute has been able to facilitate the students and staff with world class infrastructure and promises to continue the same in the years to come.

With the support of internal bodies, such as IQAC, Entrepreneurship Development Cell, Training and Placement Cell the institute aims to further expand its wings and set new standards of quality education and placements, not only in the entire national geography of India.

Apart from excelling in the education and placements areas, the institute has set a great example by enabling solar power in the premises, and has send a strong message of how a large institution can be a big stakeholder in sustainable development of the nation.

Nevertheless, the institute has been promoting the spirit of Corporate Social Responsibility by actively being in touch with various NGOs for creating awareness campaign on important issues of the society such as AIDS awareness, gender equality and many such social issues.

The institute manages to keep all the social categories at par by providing scholarships to different economic and social sections of the society. KIT also promotes scholarship for students with the objective of 'Education for All'.

The college not only promotes equality in education, but also makes sure that there are certain beyond curriculum initiatives taken at the institute level to bridge the gap between the industry and academia. The prestigious alumni of the institute are a clear reflection of the institute's core values, and their success clearly depicts that KIT has been able to provide best education to its Alumni.

The management and leadership of KIT, along with the support of the faculty and staff members, is determined to continue delivering these core values in the society, provide quality education and placements as well as be a trustworthy and supportive institution for all the students who are and will be the part of the institute.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																														
1.2.1	<p>Number of Add on /Certificate/Value added programs offered during the last five years</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :30</p> <p>Remark : Input edited excluding repeated programs</p>																														
1.2.2	<p>Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years</p> <p>1.2.2.1. Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>774</td> <td>1301</td> <td>780</td> <td>2200</td> <td>124</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>774</td> <td>1200</td> <td>780</td> <td>1270</td> <td>124</td> </tr> </tbody> </table> <p>Remark : Input edited as per supporting documents</p>	2021-22	2020-21	2019-20	2018-19	2017-18	774	1301	780	2200	124	2021-22	2020-21	2019-20	2018-19	2017-18	774	1200	780	1270	124										
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2.1.2	<p>Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)</p> <p>2.1.2.1. <i>Number of actual students admitted from the reserved categories year - wise during the last five years</i></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>181</td> <td>157</td> <td>188</td> <td>190</td> <td>165</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>141</td> <td>135</td> <td>170</td> <td>171</td> <td>163</td> </tr> </tbody> </table> <p>2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	181	157	188	190	165	2021-22	2020-21	2019-20	2018-19	2017-18	141	135	170	171	163	2021-22	2020-21	2019-20	2018-19	2017-18					
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309	318	402	312	417
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Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
309	318	402	312	417

Remark : Input edited as per supporting documents

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
03	04	22	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
04	22	00	0	0

Remark : Input edited as Calendar year publication to be considered (Jan - Dec)

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
13	04	0	01	02

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
09	0	0	0	02

Remark : Input edited as per supporting documents

5.1.1	<p>Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years</p> <p>5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 389 1046 524"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>635</td> <td>712</td> <td>641</td> <td>639</td> <td>781</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 602 1046 736"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>450</td> <td>520</td> <td>580</td> <td>610</td> <td>590</td> </tr> </tbody> </table> <p>Remark : Input edited as per supporting documents</p>	2021-22	2020-21	2019-20	2018-19	2017-18	635	712	641	639	781	2021-22	2020-21	2019-20	2018-19	2017-18	450	520	580	610	590																				
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635	712	641	639	781																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
450	520	580	610	590																																					
5.2.1	<p>Percentage of placement of outgoing students and students progressing to higher education during the last five years</p> <p>5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1095 1046 1229"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>192</td> <td>195</td> <td>195</td> <td>300</td> <td>333</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1308 1046 1442"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>162</td> <td>135</td> <td>138</td> <td>220</td> <td>193</td> </tr> </tbody> </table> <p>5.2.1.2. Number of outgoing students year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1520 1046 1655"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>302</td> <td>335</td> <td>351</td> <td>418</td> <td>517</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1733 1046 1868"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>302</td> <td>335</td> <td>351</td> <td>418</td> <td>517</td> </tr> </tbody> </table> <p>Remark : Input edited Excluding internship letters, offer letter for training etc.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	192	195	195	300	333	2021-22	2020-21	2019-20	2018-19	2017-18	162	135	138	220	193	2021-22	2020-21	2019-20	2018-19	2017-18	302	335	351	418	517	2021-22	2020-21	2019-20	2018-19	2017-18	302	335	351	418	517
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5.3.1	<p>Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as</p>																																								

one) during the last five years

5.3.1.1. *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years*

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
05	0	45	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
05	0	08	0	0

Remark : Input edited as per supporting documents

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Expenditure excluding salary component year wise during the last five years (INR in lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>673.84</td> <td>701.35</td> <td>949.09</td> <td>1076.23</td> <td>1108.47</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>589.37</td> <td>606.45</td> <td>844.99</td> <td>957.86</td> <td>999.86</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	673.84	701.35	949.09	1076.23	1108.47	2021-22	2020-21	2019-20	2018-19	2017-18	589.37	606.45	844.99	957.86	999.86
2021-22	2020-21	2019-20	2018-19	2017-18																	
673.84	701.35	949.09	1076.23	1108.47																	
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