SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

KIET GROUP OF INSTITUTIONS

KIET GROUP OF INSTITUTIONS DELHI- NCR, 13 KM STONE, MEERUT ROAD
(NH-58)
201206
www.kiet.edu

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

August 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

KIET Group of Institutions was established in 1998 by Krishna Charitable Society at (Delhi- NCR, 13 Km Stone, Meerut Road (NH-58)) Ghaziabad with an annual intake of 180 students. It is an AICTE approved Institution affiliated to Dr. A.P.J Abdul Kalam Technical University (AKTU), Lucknow (formerly UPTU). The institute offers UG & PG courses in **four disciplines i.e., Engineering, MBA, MCA & Pharmacy.** With the glorious legacy of 23 years, the Institute now has **6000+ students** and is empowered with **300+ highly qualified full-time faculty members** to nurture the students.

The institute is accredited by NAAC with Grade 'A' and its B.Tech (CSE, ECE, EEE, IT, ME CE) programs, MCA, MBA and Pharmacy are NBA accredited. The institute has its credit *notable rankings* such as NIRF 2020 (Engg. 201-250), ARIIA 2020 (Rank Band 6-25), AICTE-USVA-2020, SIRO-DSIR Certification, QS-IGAUGE - Gold etc. In addition to, In-House Technology Business Incubator is established to promote Innovation and Entrepreneurship in the Institute and in the adjoining areas. Presently, 48 incubatees are operational in the institute. **Institute credentials & Centre of Excellences** can be viewed @ our website **.**

Vision

To achieve excellence in technical education and create competent professionals for Industry & Socio-economic development to meet National and International needs.

Mission

- To achieve academic excellence in technical education through innovative teaching-learning process
- To provide strong fundamental & conceptual knowledge with essential skills to meet current and future needs
- To build strong industry academia connect through industrial & socially relevant projects
- To inculcate right human values and professional ethics

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Equal emphasis on co-curricular and value-added programs on Emerging Technology
- High focus on building entrepreneurship development and employability skills (Soft & Hard Skills)
- Strong student feedback system
- Quality of work life leading to high faculty retention
- Encouragement of faculty for research, advancement of qualification through liberal incentive policies
- Strong Intellectual Capital base
- High and consistent academic achievements of students university rank holders
- Strong Industrial linkage by having active MoU's with the Industry

- State of Art computing facilities/ lab infrastructure/ Internet Connectivity
- Active clubs of students in each department
- Career Guidance Centre/ Language Courses
- Student Mentoring/ Counselling System
- Technology Business Incubator (TBI-KIET)

Institutional Weakness

- Limited space for further expansion of facilities
- Flexibility in academic curricula
- Location of the Campus

Institutional Opportunity

- Collaboration with Institutes of repute & foreign universities for student-faculty exchange program
- To increase Institute's visibility at National & International level
- Focus on International Research collaboration
- Student Internship programme at foreign university
- To get the status of Autonomous Institute
- Developing skill centre for vocational/ Advanced Skill
- Research Centre in creation of more Centre's of Excellence (CoE)

Institutional Challenge

- To make 100% students employable for reputed Industry
- Major Gap in curricula as per Industry standards and not able to modify it as per market needs
- Keeping pace with technological advancement
- To motivate faculty for New Product Development/ Research/R&D/Innovation
- To attract eminent researchers & academicians in Campus

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

KIET Group of Institutions is **affiliated with Dr. A.P.J Abdul Kalam Technical University**, Lucknow, and follows the curriculum prescribed by the University. The effective curriculum delivery is ensured by different processes, e.g. **Academic Council is responsible** for maintaining the standards of instructions required not only for effective curriculum delivery but also for robust education and examination system. The Head of the Departments discusses their action plans to arrive at an optimal and effective way for curriculum delivery. At the commencement of every academic semester, an academic calendar gets disseminated **as per the AKTU calendar**. After allocation of the subjects, the timetable committee prepares a master timetable, uploads it on the **KIET ERP**. For well-planned curriculum delivery, lesson plans duly approved **by HODs are uploaded on KIET ERP**. The contents are delivered to students as per

the lesson plan and **monitored by IQAC Committee**. Due to **COVID-19**, the Institution has shifted to various online learning platforms like **MS Teams, Moodle, and KIET Career Maestro YouTube channel**, etc. Institute **conducts internal examinations** CT-1, CT-2, and PUE and marks are uploaded on ERP after evaluation of answer sheets. At the end, the end-semester examination is conducted and managed by the university. Director, Dean, HOD, and faculty review the university result, and corrective measures are taken accordingly for the successful implementation in the next semester The curriculum of UG/PG programs includes courses to encourage **Human Values and Professional Ethics** in students. At present, the curricular structure does not include any specific course that addresses cross-cutting issues related to gender. But, various activities are conducted at the institute level to address it**. Student's, Teacher's, Employer's, and Alumni's Feedbacks** are taken based on predefined parameters.

Teaching-learning and Evaluation

The institute organizes Induction Program every year to apprise newly joined students with engineering culture and make them feel comfortable to acclimatize to the new environment. For the all-round development, the institute provides training in Soft Skills, Aptitude, and various value-added courses. The students are motivated to get registered in MOOCs like SWAYAM (NPTEL). COURSERA etc. Three basket system is followed to categorize students into Advanced, Average, and slow learners and appropriate measures is taken to cater needs of students in these categories. The institute organizes an annual tech fest "INNOTECH", an opportunity to nurture as well as to showcase talent in technical skills and innovative ideas. Sports and cultural competitions are also organized to inculcate team spirits. Various Center of excellence are established in the institute for enhancing hands on experience. The Innovation Center of the institute promotes innovative work, supplements theoretical knowledge through a practice-based curriculum and thus enhances employability skills. The institute has well equipped central library having 140130 books with 7377 titles, 1767 bounded journals and 104 periodicals. The library also has AKTU – Consortium (E-Books, E- Journals). An extensive mentoring policy is applicable in the institute from the session 2020-21. The Examination Cell headed by the Controller of Examination oversees the smooth conduct of all the internal and external examinations. Academic Calendar is issued before the commencement of new semester by the office of Dean (Academics). The audit by IQAC team of the institute is done twice in every semester to verify academic related documents and adherence to norms of the institute.

Research, Innovations and Extension

The Institute has gained a distinct image as an outstanding educational colossal among technical institutions of Uttar Pradesh, due to its inclination towards innovation, research and extension activities.

We are also a **Scientific and Industrial Research Organization (SIRO) approved by DSIR, Delhi**. The institute is a **Research Centre for Ph.D., duly approved by AKTU, Lucknow** since 2010 and has highly committed faculty with Research temperament. The institute encourages the faculty members by providing them internal budgetary and administrative support and balancing their academic and administrative responsibilities. We have a well-organized Research and Development Committee, Collaborative Research and Development Committee and Departmental Research Committee (DRC) to take care that the Research policies and IPR Policy for Patents are effectively implemented.

The institute has well defined Conference Guidelines and provides CV Raman Award and Incentives for Publication in SCI Journals to promote Research and Innovation culture among faculty and students and

enhance quality of Academic Research Projects. We also have funded projects from DST, Govt. of India, AICTE etc.

In our endeavor to continuously improve the quality of the teaching-learning process, we give immense weightage to research activities. Research and developmental activities create and disseminate new knowledge in different fields, promotes innovation and motivates better learning and teaching among faculty members and students of our Institute as these are often incorporated in the courses.

KIET Group of Institutions always works for the development of the underprivileged section of the society. Also considering their moral responsibility towards the society, the team also engages in various social awareness programs from time to time with a motive to bring a positive change in the society.

To create the ecosystem of innovation and transfer the knowledge within the institute, KIET Group of Institutions, Ghaziabad together with NSTEDB, Department of Science & Technology, Govt. of India has established Technology Business Incubator (TBI) in 2007. The core strength and thrust area of the KIET-TBI is ICT, Robotics Automation, Solar Energy, Automobile, E-mobility and SDG (Sustainable Development Goals).

Infrastructure and Learning Resources

The campus area of KIET Group of Institutions is 73652.79 sqm whereas built up area is 88040.77 sqm. The institute follows green campus practices to contribute towards environmental management. In the campus, the adequate infrastructure is available in terms of teaching-learning, Co-curricular, Extra-Curricular and Extra Co-curricular activities. The all classrooms of the institute are ICT enabled classrooms of approximately 80 sqm. All the laboratories in the institute are in good condition & equipped with world class equipment for experiential learning and Project Development. The institute has setup Centre of Excellence (COE) with advanced learning facilities to fill the gap between Industry and academia. In the institute, three conference halls and an air-conditioned auditorium with 550 capacities is available to organize the various activities.

The institute has central library of 1075 sqm. Area, School of Management Library of 104.5 sqm and School of Pharmacy Library of 157.37 sqm. The central library has 140130 books with 7377 titles, 1767 bounded journals and 104 periodicals. The KIET School of Management has 15144 books with 1696 titles and 15 periodicals. The KIET School of Pharmacy has 13528 books with 1496 titles, 134 bounded journals and 27 periodicals. The institute has their own learning management system (http://lms.kiet.edu/moodle/). The available internet bandwidth in the campus is 510 MBPS.

The campus has 3 Girls and 4 Boys hostels with sufficient infrastructure and facilities i.e., sports facility, Reading room etc. The Institute has both indoor & outdoor sports infrastructure i.e., Football Ground, Cricket Net, Badminton, Table Tennis, and basketball areas. In the institute, three gymnasiums are also available.

Student Support and Progression

With the objective to ensure the holistic development of the students in academics, placements, life skills and

extra-curricular activities, the criteria focuses on analysis and compilation of activities through well-established infrastructure. To encourage the financially weaker sector of students to have equal opportunities in education, Govt/non-Govt schemes that provide the financial assistance throughout the degree program is facilitated by the criteria. Soft skills development, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) programs are conducted at regular intervals for capacity building and skills enhancement. To have a clear, flexible, well communicated career frame work, systematic career guidance becomes indispensable, for various competitive examination (JAM/ NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations, etc.) and higher studies programs including international education. The mental health of the present Generation has to be taken care of along with the physical grooming, initiating transparent students' portals to have a platform to address their grievances. Placement become an integral part of higher education, also measuring the outcome of an institutes' accomplishment. Mock Interviews, Group Discussions and Resume tailoring on and off campus placement drives are the continuous efforts by the corporate relationship and placement cell. Sports is a vigorous physical activity which involves physical exertion and skill. Sport not only has physical benefits but it also improves concentration and makes one more alert and attentive. It helps to enhance the overall personality of an individual and makes him/her more productive and alert. It also increases social interaction and develops sportsman spirit in an individual. To lead a fit and healthy life style, which will promote reinforcement and efficient evolution, sport becomes essential component. Institution encourages participation by providing conducive environment to the students for sports and cultural events/competitions at institute and inter institute level. There is a registered Alumni Association that contributes significantly to the development of the institution and students through financial and/or other support services.

Governance, Leadership and Management

The governing body of KIET group of Institutions always works in tune with Mission and Vision of the institute. The governing body is formed and structured in such a way that they support to achieve future goals and plans and to meet the expected outcomes in which participation of the teachers is ensured in various decision making. All academic and administrative activities are decentralized, and operational decisions are taken based on discussion and deliberations in Director's meetings with Deans, HODs, and various committees. This culture of participative management empowers members with freedom to express their opinions, assess pros & cons of a decision being taken for improvement.

To maintain high-quality standards, the team of IQAC members used to visit various departments twice in a semester for audit. The lab records, course files, attendance records, mentoring records and other necessary data related to academics and stock registers are verified by IQAC. Moreover, IQAC checks the infrastructure and other facilities of departments such as labs, classroom, washroom, water facility in administrative audit then report is prepared in predesigned assessment format and it is submitted to the IQAC coordinator. The report is discussed and analyzed in IQAC meeting and finally send to the concerned department with recommendations for improvement, if any.

KIET Group of Institutions has various strategies for utilization of funds and the optimal utilization of resources. Institute has professionally designed "Appraisal System" where the faculty & staff is appraised annually focusing primarily on four broad areas of an individual contribution i.e., academic, research, administrative and personal conduct.

Institutional Values and Best Practices

KIET Group of Institutions is recognized as one of the best engineering colleges in Uttar Pradesh including Delhi-NCR. Founded by the members of Krishna Charitable Society in 1998 with a modest number of 180 students, KIET Group of Institutions has now become a pioneer in the technical education domain with strength of 6000+ students.

With a rich alumni base of 16000 + students spread in all the nooks and corners of the world, KIET Group of Institutions is moving efficiently towards its vision of shaping young minds with skill-oriented & value-based education as these alumni serve the dual purpose of mentoring the present students, as well as opening new doors for them.

- **Gender Equity & Sensitization** - To promote gender equality and awareness for girl students, female faculties and staff members, the institute has been consistently organizing various interactions with experts for the past several years.
- **RESEARCH & DEVELOPMENT -** A well-structured and formulated Research & Development team has been established with a vision to achieve excellence in research and create an outstanding climate of research for the researchers, and broadly enable research advances to meet National & International needs.
- **BEYOND CURRICULUM INITIATIVES -** KIET Group of Institutions has introduced numerous value-added beyond curriculum courses both at the Institute level and at the department level to enhance the employability quotient of the students.
- Use of ICT in the teaching learning processes through introduction of Boards, and smart classrooms in major departments to make the teaching more dynamic and interactive.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KIET GROUP OF INSTITUTIONS
Address	KIET Group of Institutions Delhi- NCR, 13 Km Stone, Meerut Road (NH-58)
City	Ghaziabad
State	Uttar pradesh
Pin	201206
Website	www.kiet.edu

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Director	A Garg	01232-262057	8744097773	01232-	director@kiet.edu
IQAC / CIQA coordinator	Anil K. Ahlawat	01232-227980	9891616861	01232-	anil.ahlawat@kiet.edu

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of establishment of the college	10-06-1998

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
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	31-10-2012	View Document
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	15-06-2020	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

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	KIET Group of Institutions Delhi- NCR, 13 Km Stone, Meerut Road (NH-58)	Rural	18.2	88040.78

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BTech,Department Of Computer Science And Engineering	48	Higher Secondary	English	180	180
UG	BTech,Department Of Electronics And Communication Engineering	48	Higher Secondary	English	180	179
UG	BTech,Department Of Electrical And Electronics Engineering	48	Higher Secondary	English	180	153
UG	BTech,Department Of Information Technology	48	Higher Secondary	English	180	180
UG	BTech,Department Of Mechanical Engineering	48	Higher Secondary	English	150	118
UG	BTech,Department Of Civil	48	Higher Secondary	English	90	52

	Engineering					
UG	BTech,Department Of Computer Science	48	Higher Secondary	English	180	180
UG	BTech,Department Of Computer Science And Information Technology	48	Higher Secondary	English	180	180
UG	BPharm,Department Of Pharmacy	48	Higher Secondary	English	100	100
PG	Mtech,Department Of Computer Science And Engineering	24	B. Tech	English	18	7
PG	Mtech,Department Of Electronics And Communication Engineering	24	B.Tech	English	18	1
PG	Mtech,Department Of Electrical And Electronics Engineering	24	B.Tech	English	18	2
PG	Mtech,Department Of Mechanical Engineering	24	B. Tech	English	18	3
PG	MPharm,Department Of Pharmacy	24	B.Pharma	English	15	14
PG	MPharm,Department Of Pharmacy	24	B.Pharma	English	15	7
UG				English		

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PG	MPharm,Department Of Pharmacy	24	B.Pharma	English	15	15
PG	MCA,Department Of Computer Applications	24	Graduation with Maths	English	150	135
PG	MBA,Department Of Management	24	Graduation	English	150	118

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				43				75				236
Recruited	29	8	0	37	39	15	0	54	143	92	0	235
Yet to Recruit				6				21				1

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				87
Recruited	73	14	0	87
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				61
Recruited	56	5	0	61
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	29	8	0	28	12	0	25	34	0	136
M.Phil.	0	0	0	1	0	0	1	0	0	2
PG	0	0	0	10	3	0	117	58	0	188

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	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

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	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	4027	258	0	0	4285
	Female	1046	48	0	0	1094
	Others	0	0	0	0	0
PG	Male	370	22	0	0	392
	Female	235	14	0	0	249
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	84	127	109	117
	Female	30	26	25	33
	Others	0	0	0	0
ST	Male	1	0	1	0
	Female	0	0	1	0
	Others	0	0	0	0
OBC	Male	355	349	327	313
	Female	75	90	75	76
	Others	0	0	0	0
General	Male	638	612	507	531
	Female	266	201	185	225
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1449	1405	1230	1295

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1208	1257	1246	1239	1316

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
19	18	17	17	17

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
5626	5412	5257	5333	5495

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
882	821	731	734	734

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1460	1487	1434	1454	1569
File Description		Document		
Institutional data in prescribed format		View Document		

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
317	282	286	291	259
File Description		Document		
Institutional data in prescribed format		View Document		

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
354	330	362	362	362
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 104

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
3917.33	4270.98	3724.01	2819.99	2797.6

4.3

Number of Computers

Response: 1902

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

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Conduction on classes is duly monitored by HODs, Dean, and Director regularly so that faculty members can finish the syllabus within a given time frame. A special team has been constituted under Dean Academics to monitor the online classes of all branches of the Institution especially during **the COVID-19 pandemic** with **observation reports daily and circulated to concerned HODs for corrective action**. Departments identify slow learners and organize the remedial classes for them. Guest lectures are also organized in various domain areas by all the departments. Class representatives and parent-teacher meetings are other forums where the progress of the students is discussed, and necessary suggestions and corrections are implemented if required. The institute is well equipped with smart virtual classrooms with other ICT facilities which further ensure effective delivery of the curriculum. Institute conducts **internal examinations CT-1, CT-2 & PUE** for monitoring students' performance. **Feedback from Students, Teachers, Employers, and Alumni** are taken based on predefined parameters. Further, faculty-wise student feedback is reviewed, and the **Corrective and Preventive Action(CAPA)** form is filled if required. After the end semester examination, university results are declared, analyzed and corrective measures are taken accordingly.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

The institution adheres to the academic calendar issued by Dr. A.P.J Abdul Kalam Technical University, Lucknow, UP, in terms of date of commencement of academic session,Centralized Internal Examination(CIE), and end semester examinations along with the vacation period. As per the university calendar, the institution prepares two calendars i.e. Academic and Activity calendars to ensure timely delivery of syllabus, CIE and other activities. The academic calendar is prepared by Dean Academics, and Dean student welfare prepares another calendar named activity calendar that contains information of activities organized by different clubs running at the institute level.

After dissemination of the academic calendar among multiple stakeholders, **if any change or deviation is required then suggestions given by all the stakeholders are discussed during academic council meetings**. Final approved academic calendar is communicated further to all the concerned stakeholders that also ensures adherence to the academic calendar. During COVID-19 the academic calendar was revised and issued again for completion of all the activities timely i.e. online conduct of classes, internal sessional exams assessments, etc.

Once finalized, **calendar get uploaded** on the college website, and is circulated among all the stakeholders through email. The **lesson plan** is then prepared as per the academic calendar, and the **attendance of students** is also linked with the lesson plan that gets uploaded on the KIET's ERP. This ensures the **successful continuous internal evaluation of syllabus coverage** for faculties as well as students.

The academic calendar contains academics including internal exams schedule etc. With prior information about the academic activities via the academic calendar, **multiple stakeholders can conduct continuous internal evaluation under their domains.** For example, **faculty members can make their plan of action for the revision of topics if required, and may attend faculty development programs, workshops, international/national conferences, and seminars, etc. This ensures professional growth and overall development of the institute.**

At our institute we have a Centralized Internal Examination(CIE) system. All the process is carried online through the institute ERP portal. There are three internal examinations (two Sessional and one Pre-university examination) that are conducted in a semester to evaluate performance of the students. Then students' academic progress is monitored by performing the continuous internal evaluation of their obtained marks by the subject faculty. Actions are also taken accordingly if required any, e.g. improvement and remedial classes are scheduled accordingly for the students. At the end, the end-semester examination is conducted and managed by the university.

Working days are strictly followed as per university guidelines and designed academic calendar. At the institute level, various academic activities e.g. project exhibition, course opinion survey week, industrial training presentation schedule, felicitation of NPTEL topper faculty members/Dronacharya

Award/C. V. Raman Award/Non-Teaching Staff Award, felicitation of topper students, and NPTEL topper students, mini-project assessment details, CR's meetings, and alumni meeting, etc. are also reflected in the academic calendar. All these academic activities are performed at the institute level with strict adherence to the academic calendar.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

> 1. **Academic council/BoS of Affiliating university**
> 2. **Setting of question papers for UG/PG programs**
> 3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
> 4. **Assessment /evaluation process of the affiliating University**

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 19

File Description	Document
Institutional data in prescribed format	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 449

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2019-20	2018-19	2017-18	2016-17	2015-16
193	157	63	25	11

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Brochure or any other document relating to Add on /Certificate programs	[View Document](#)
Any additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 37.36

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
5569	3524	734	224	250

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	[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:

The curriculum of UG/PG programs includes courses to encourage **Human Values and Professional Ethics** in students. For example, a Course named Communication Skills – Theory Communication Skills – Practical, Universal Human Values, and Professional Ethics is included to inculcate human values and professional ethics among all the students. The institute's core courses on the **Constitution of India**, **Law,**

and Engineering/Indian Tradition, Culture, and Society are also running in the B.Tech program. Courses on **Professional Communication Lab, Soft Skills-I, Soft Skills-II** are taught in B.Tech and MCA Ist year, Technical Communication, Universal Human values are included in B.Tech 2nd year, Developing Soft Skills & Personality in MBA 2nd Year. In addition to the above institution core course, multiple workshops have been organized to address Universal Human values among students and faculty members. **Value Education (VE) Cell @ Institute level** is also constituted to familiarize and equip students as well as faculty and staff to the importance and need of values & ethics for the development of self & society as a whole.

Courses to address Gender:

At present, the curricular structure does not include any specific course that addresses cross-cutting issues related to gender. But, various activities are conducted at the institute level to address it e.g. **Ms. Sarika Chaudhary, Member - Delhi Commission for Women**, New Delhi, was invited by Internal Complaint Committee (Women Cell) to deliver a talk address on "Gender Sensitization" B.Tech First Year students on **3 Aug. 2019** at KIET Group of Institutions. Students were sensitized about changing behavior and instilling empathy into the views that we hold about our own and other genders. **Sh. K.G. Verma, Ex-Director, ISTM** was also invited to deliver a talk on Gender Sensitization on **14 August 2018**. The students were apprised of the Internal Complaints Committee and new rules of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. A leading gynecologist of Ghaziabad, **Dr. Neera Bhan** was invited to address female students on "Teenagers Concerns and Immunization" on **21 August 2018**. Further, she addressed female students of B.Tech first year on 5 Aug. 2019 at KIET Group Of Institutions, on the topic "Teenagers Concerns and Immunization". An awareness program on the Sexual Harassment of Women at the workplace (Prevention, Prohibition, and Redressal) Act, 2013 was organized for ICC members on 12 September 2020. **Sh S.C.Kaul (Lawyer)**, was invited as a guest speaker for delivering insights on the Act. An Online grievance redressal (multilayered) system to redress student's/faculty/staff grievances is also in place.

Courses to address Environment and Sustainability:

The curriculum includes **different courses that address the Environment and its related issues**. For example, the **B.Tech Civil Engineering program includes courses on Environmental Engineering, Environmental Engineering Lab, River Engineering, Air and Noise Pollution Control, Geotechnical Engineering, Engineering Geology, Engineering Hydrology, GIS, and Advance remote sensing**.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 3.08

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
51	37	36	36	32

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)

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

Response: 96.04

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 5403

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: A. All of the above

File Description	Document
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

   1.**Feedback collected, analysed and action taken and feedback available on website**
   2.**Feedback collected, analysed and action has been taken**
   3.**Feedback collected and analysed**

4. Feedback collected

5. Feedback not collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 85.16

2.1.1.1 **Number of students admitted year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1449	1405	1230	1295	1357

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1774	1648	1486	1506	1506

File Description	Document
Institutional data in prescribed format	[View Document]()
Any additional information	[View Document]()

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 71.06

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

2019-20	2018-19	2017-18	2016-17	2015-16
545	592	537	539	547

File Description	Document
Average percentage of seats filled against seats reserved	[View Document]()
Any additional information	[View Document]()

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

An induction program is organized for the students, including one session for their parents, at the commencement of each batch, that helps students become acquainted with the institution, its co-curricular & extracurricular activities, its facilities, rules & regulations, the scope of various engineering branches, etc., and serves as a base to monitor student progress. Additional sessions are conducted to inculcate positive attitudes and develop a healthy competitive spirit among the students. The institute practices a student centric approach, so each student gets personal attention and grooming sessions throughout his/her journey during the program. Training is imparted in Skill Development Programmes like **Soft Skills, Aptitude, Value-added courses, and Internships**.

Students are encouraged to enroll in MOOC Courses through platforms like – Swayam (NPTEL), COURSERA etc., 4220 certifications were earned by students and faculty in the last three years through NPTEL, and during 2019-20 students & faculty earned 11,702 certifications through Coursera.

Guest lectures & beyond curriculum courses are conducted for the students to keep abreast of the latest trends in technology and enable them to meet requirements of industry 4.0, thereby leading towards enhanced employability.

A three-basket system is used to categorize students - those who score less than 40% marks in class tests are in basket 3 (slow learners), between 40% - 60% are in basket 2 (average learners) and those who score above 60% are in basket 1 (advanced learners).

Slow learners

Apart from conducting remedial and revision classes these students are also provided notes, question banks, and direction on how to present the answers in the exam so that the students can enhance their academic performance. Apart from this the faculty interacts with a small number of students during mentoring sessions for rapport building so that the needed support and guidance can be provided timely. The faculty members interact with parents regularly to discuss the performance of slow learners and share suggestions for improvement.

Average Learners

They are motivated to attend soft skills classes, competitive coding classes and to earn MOOC certifications to improve their academic performance as the students will gain an Honors degree from the University on the successful completion of NPTEL courses equivalent to 20 credits. Average learners are motivated to participate in club activities like Industrial Electronics and Control club, ME design club, etc., which help the students in realizing their true potential and interests.

Advanced Learners

They are encouraged to take part in Conferences, workshops, and seminars to gain knowledge on advanced topics. They are encouraged to do projects on advanced topics under the guidance of faculty members. The faculty teaches content beyond the syllabus and these advanced learners are motivated to take up competitive exams like GATE, GPAT, GRE, TOEFL, IELTS, CAT, GMAT, etc.

Annually, under the institute incentive policy, the branch-wise toppers, University rank holders, and those who scored more than 85% are encouraged with certificates and cash prizes. The students who improve their academic performance in comparison to the previous year are also included in the policy. An annual Tech Fest, "INNOTECH" is organized to showcase their technical potential and innovative ideas.

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

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 17.75

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

Response:

The learn-by-doing methodology is integrated in all the courses of study offered at the Institution, with practical hands-on sessions in the laboratories, Centers of excellence, beyond curriculum value-added courses, and the high in demand soft skills to assist students in successfully transitioning from campus to corporate. All the faculty members at KIET Group of Institutions keep in mind the vision of the Institute and contribute towards the development of students into competent professionals who are of immense value to the industry as well as to the society. The faculty members teach and evaluate the students so that they develop as contributing professionals ready to face this rapidly evolving world**. The meetings of class representatives with the Director are conducted every semester as per the Academic Calendar.**

Experiential learning – Apart from projects in the curriculum of the university, the institute organizes "**INNOTECH**"- an Annual inter-institute technical fest wherein the participation of every student is ensured by conducting a Project-Exhibition at the department level then the selected quality projects are exhibited in the fest. Experts from the industry are invited to evaluate the projects and the best three projects in different categories are awarded cash prizes along with certificates of appreciation to encourage students.

The institute also organizes sports (**RANN**) and cultural (**EPOQUE – intra-institute & PRASTUTI –**

inter-institute) fests to encourage team spirit, enhance the confidence & personality of students, and promote the spirit of collaboration.

The **Centers of excellence** in the institute provide students the much needed hands-on experience through NI-LabView Academy, Robotics and Mechatronics Lab, Power Engineering Technologies and Clean Energy Integration, Process Control, and Industrial Automation, iOS Learning, PARAM SHAVAK SUPERCOMPUTING FACILITY for AI & ML, Blockchain Lab, Vertical Machining Centre, Material Science & Testing Lab, Finance & Tally Lab, Machine Learning & Testing Lab, Structural analysis & Design, **Centre for Automotive Mechatronics in collaboration with Mercedes Benz India Ltd., and Space Technologies in collaboration with ISRO**. **These centers unify various branches of Engineering and engage students in problem solving by utilizing higher-order thinking skills**.

The institute organizes industrial visits to enhance the practical exposure of the students through the interaction with industrial personnel. The **Innovation Centre** assists in creating better, talented, creative, and well-rounded engineers. It offers opportunities to augment theoretical knowledge through a practice-based curriculum thereby enhancing employability skills and gives an opportunity to connect innovative work with real world problems / industry needs that lead to the creation of market ready projects. Multi-disciplinary projects enhance team spirit and inculcate application of diverse fields of engineering and management.

Participative learning – Student clubs like **KODERS KORNER, Google DSC, Dinobots, INNOGEEKS, and BAJA-SAE** provide students the opportunity to mentor their peers and help them in realizing their potential and dreams. The student leaders in these clubs set problems for their peers and then assist the participating students to solve these problems by molding their answers in the correct direction. **These clubs aim to promote creativity, increase the technical know-how, and productivity of all students at the institute**.

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

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Information and communication technologies enabled tools act as catalyst in enhancing teaching and learning process. Keeping abreast with time, the institute does encourage such usages by faculty members by providing **LAPTOPs/ LCD equipped classrooms** as well as necessary training through internal / external resources. The institute is also practicing the use of **ICT (animations, videos and ppts)** with conventional methods of lecture delivery. All classrooms and seminar halls of the institute are 100% ICT enabled and internet facility through LAN.

The Technologies and facilities available and used by the faculty are Computers/ laptop with internet facility in all departments, use of LCD projectors for animations and ppt slides, access to e-journals apart from print journals, open educational resources through e-learning, language laboratory, NPTEL digital contents, smart boards, and audio-visual rooms. The institute has a well-

equipped central library with additional two extensions independently working at KIET School of Pharmacy and KIET School of Management. The central library has 140130 books with 7377 titles, 1767 bounded journals and 104 periodicals. The KIET School of Management has 15144 books with 1696 titles and 15 periodicals. The KIET School of Pharmacy has 13528 books with 1496 titles, 134 bounded journals and 27 periodicals. **The library also has AKTU – Consortium (E-Books, E- Journals)** for faculty members and students. It also has a separate multimedia section with internet connectivity for accessing e-journals, etc. The institute has sufficient IT facilities to cater the needs of students, faculty members and administrative tasks. In the institute, dedicated labs are available in all the departments. The lab consists of the latest computer platforms with updated software. **A set of dedicated servers have been deployed with fully networked configuration based on the latest concepts of server computing. 24 x 7 hours 510 Mbps Internet Connectivity & Wi-Fi facility is available throughout the campus**. The faculty members effectively mix up the theoretical classroom teaching and practical exposure through YouTube videos, NPTEL videos, COURSERA, and other educational sites for effective classroom delivery. One seminar hall enabled with ICT facilities is allotted to the placement cell of the institute for smooth conduction of placement drives. The institute is affiliated with IIT-Kanpur for NPTEL as a local chapter to provide students and teachers some additional online courses. ICT resources in the institute helped faculty members to realize the process of IPR, research paper publication and plagiarism check.

During pandemic, the Institution has shifted to online learning education through different platforms for example: - **MS Team, Google classroom and institute's Moodle server**. E-content is developed by all the faculty members in the form of self-shoot videos and PPT slides. **More than 3000 video lectures are uploaded on KIET Career Maestro YouTube channel & few on SWAYAM Prabha channel. The links of the recorded videos are provided to the students through Moodle LMS**. Course files which include lesson plan, quizzes, question bank, previous year question paper, case studies, assignments, lecture notes, link of self-shoot videos etc. are uploaded on LMS, KIET Moodle, for the students.

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

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 20:1

2.3.3.1 Number of mentors

Response: 287

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 81.19

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with 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: 36.47

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

2019-20	2018-19	2017-18	2016-17	2015-16
153	117	99	89	71

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 7.96

2.4.3.1 **Total experience of full-time teachers**

Response: 2524

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

The institute has an **exclusive Examination Cell headed by the Controller of Examination** for overseeing the smooth conduct of the internal and external examinations Effective implementation of evaluation reform of the university is strictly followed. The institute ensures compliance of process and procedure devised by the university to follow the continuous evaluation system. The conduct of three class tests**. i.e., CT-1. CT-2 and PUE (Pre-University Examination) adheres to the schedule mentioned in the academic calendar, issued before commencement of every semester by the office of Dean (Academics)**. Bloom's Taxonomy integrated in the question papers which include short answer type questions and the long answer type questions with internal choice to test the skills of the student. It also motivates the students to prepare for the entire syllabus and discourages selective study. The percentage of attendance is taken as eligibility criteria to appear in these internal assessment tests and students are informed at the beginning of every semester. Two sets of Question papers in each subject, as per the format issued from the Dean (Academics) office, are prepared, and handed over to the HoD. T**he question papers are reviewed, and the final set of paper in each subject is decided by the Moderation committee of the department.** The final question paper of all subjects of the department in the required number of copies is submitted to the examination cell. The answer sheets are evaluated and shown to students within three days from the date of examination. Marks obtained by students are uploaded on the in-house **Marks Monitoring System, MMS portal**. The results are analyzed and reviewed by the HoD to plan and execute corrective actions. Viva Voice and lab work considered for awarding internal marks in practical every semester. The internal assessment includes marks scored in Class tests and teacher assessment. Based on performance of students in assignments and overall percentage of attendance, the teacher assessment marks are awarded. It is ensured that the student views overall sessional marks awarded for the subject before he/she appears for university examination. The policy from the office of Dean (Academics) for continuous evaluation of student's projects is followed by every department. The lesson plan of every subject by respective faculty is uploaded on in -house ERP portal. Date of the lecture proposed is filled by the faculty at the beginning of the semester. Thereafter, the date of lecture held is linked with attendance uploading of students on the same portal. **The audit by the IQAC team of the institute is done twice in every semester to verify academic-related documents and adherence to norms of the institute with respect to theory subjects, continuous assessment in practical, and projects. An online Parent Teacher Meeting initiative is taken to seek suggestions & improvement in online classes.**

During the COVID-19, for the smooth conduct of academic activities, Assessment, evaluation of internal examinations has been done online using Google classroom and LMS, KIET MOODLE exam system on AWS Cloud.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The examination committee of the institute constitutes Controller of Examination (COE), Joint COE, Deputy COEs and committee members. The committee prepares seating plans and segregate question papers room wise for distribution effectively. The committee also forms a flying squad (team of Additional Heads of department and Professors). The strict supervision is done by flying squad teams during internal examinations. For smooth conduction of examinations, a Discipline team is also constituted. This team comprises Dean (Students Welfare) and Chief Proctor. The examination and evaluation systems are transparent. Students are made aware of internal assessment as per criterion given in the teaching scheme by the university. The marks uploaded on the in-house Marks Monitoring System (MMS) on ERP portal can be viewed by the students in their account on this portal. For any grievance, students may approach concerned faculty or HoD. The portal is locked by the Dean (Academics) office after giving sufficient time to faculty for marks uploading. Thereafter, permission with valid reasoning to be provided by faculty for unlocking the portal to update marks, if any. **During Internal Examinations, UFM (unfair means) cases are handled as per UFM policy in SOP, Internal Examinations. The decision of evaluating the answer sheet or deduction of marks is taken at the centralized level. The UFM cases are forwarded to each department to comply according to the action defined, then a compliance report is sent to the office of Director and Dean (Academics).** For External Examinations, the re-evaluation process is taken care of by the registrar office. The students are informed well in advance regarding circulars issued by the university for re-evaluation by the registrar office in coordination with the respective departments.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Programme Outcomes and Programme Specific Outcomes are displayed at various prime locations of each department in the institute premises. They are also available on the institute website for the awareness of faculties and students. Each classroom has a separate notice board, where Course Outcomes of all subjects

in the ongoing semester are displayed for ready reference to the students. **As per the guidelines of Course file contents issued from the Dean (Academic) office, Programme Outcomes, Programme Specific Outcomes and Course outcomes are appended in the course file of the concerned subject**. They are helpful in developing the framework of teaching and learning process and to understand the various cross-cutting issues pertaining to environment, values, and professional ethics. **The Course outcomes of all the courses are designed as per the syllabus prescribed by the university, considering Bloom's Taxonomy, and keeping in view the Vision & Mission of the department, Program Educational Objectives and Program Outcomes. The suitable teaching methods and curricular activities such as projects, industrial visits, etc. are planned to take into consideration the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all programs offered by the institution**.

According to academic guidelines during pandemic, the course file contents are uploaded on KIET LMS Moodle. The Program Outcomes and Course Outcomes are also uploaded as part of the course file content to aware students in virtual mode.

The alumni are invited to interact with both the students and teachers at specific events and meetings. They share how the different courses shaped their careers and thus motivate students to appreciate the program outcomes. **The interaction with Alumni and industry resource persons helps in designing Mission & Vision of the concerned departments, in making PEOs & PSOs (Program Educational Outcomes and Program Specific Outcomes)**. The Alumni Engagement Cell of the institute also organizes various activities every year.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Past link for Additional information	[View Document](#)

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

The institute has been working continuously on the attainments of Program Outcomes and Course Outcomes. The Course Outcomes (COs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are displayed in the campus at various locations and on the institute website. Assignments, Class Tests, and university examinations are substantially helping to evaluate these outcomes. The institute provides value-added courses, lectures on competitive examinations, career counseling and soft skills to achieve the actual outcomes at the end of the course.

The Course Outcomes (COs) are formed for each subject in all the programs. All the faculty members teaching a particular subject formulate the course outcomes and final approving authority is the department BoS in consultation with HoD. COs are formed by considering the learning levels of Bloom's Taxonomy. **COs are mapped with POs in Matrix form. Correlation levels 1, 2, 3 are defined as low, Moderate, &**

High, respectively. "-" or blank is used if there is no correlation. Two methods are adopted for attainment viz Direct Methods (Class test, Assignment/Tutorials, Seminar, Project, Lab attainment and external examination conducted by the University) & Indirect Methods (Curriculum Feedback survey, Graduate Exit Survey, Industry opinion survey, Input from outside agencies, Alumni Feedback Survey, Co-curricular & extra-curricular activities). Course wise CO Attainment is calculated by taking 70% contribution of external exam & 30% contribution of Internal Exams. The Attainment level is 1,2, & 3 respectively if 50% , 60 % & 70 % of students score more than Subject Average (Target) decided by Department with due justification,

Target level of External Exams for any subject will be the average of marks obtained by students of that subject in the last three years. Target level of Internal Exams for any subject will be the average marks obtained by students of that subject calculated from Class Tests marks (Excluding Teacher Assessment Marks) in the last three years. After the three tests, the average of these percentages is computed to decide the attainment level. Similarly, after the declaration of the university results, the percentage of students who attained the COs is computed. Here, it is assumed that the questions answered by a student cover all the course outcomes defined for that course.

The Program Outcomes are attained through the attainment of Course Outcomes. This is called direct attainment of POs. The direct attainment of POs is the average of individual PO attainment values. For determining indirect attainment of POs, Curriculum Feedback Survey, Graduate Exit Survey, Industry Opinion Survey, input from outside agencies, Alumni Feedback Survey, Co-curricular & Extra Curricular Activities are conducted. The overall attainment of outcomes of a program (POs) is computed by adding direct attainment and indirect attainment values in the proportion of 80:20. All calculations are done through the ERP portal of the institute.

Gap analysis is done at the end of each semester. For odd semesters it is done in the next even semester, the action for gap fulfilment decided & implemented in the next odd semester. Similarly applicable for even semesters also.

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

2.6.3 Average pass percentage of Students during last five years

Response: 93.3

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1373	1409	1345	1376	1401

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

2019-20	2018-19	2017-18	2016-17	2015-16
1460	1487	1434	1454	1569

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View Document</u>
Upload any additional information	<u>View Document</u>
Paste link for the annual report	<u>View Document</u>

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.49

File Description	Document
Upload database of all currently enrolled students (Data Template)	<u>View Document</u>

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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 78.97

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)**

2019-20	2018-19	2017-18	2016-17	2015-16
44.01	13.16	21	0.80	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 5.05

3.1.2.1 **Number of teachers recognized as research guides**

Response: 16

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 38

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
6	4	6	3	0

3.1.3.2 **Number of departments offering academic programes**

2019-20	2018-19	2017-18	2016-17	2015-16
10	10	10	10	10

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Paste link to funding agency website	[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:

A sustainable ecosystem requires infrastructure, machines, equipment, skilled trainers and mentors. To create the ecosystem of innovation and transfer of knowledge within the institute, KIET Group of Institutions, Ghaziabad jointly with NSTEDB, the Department of Science & Technology, Government of India has established **Technology Business Incubator (TBI)** in 2007. KIET-TBI has a dedicated state of the art infrastructure viz. five Storeys furnished building, equipped with 24X7 internet & power supply. The core strength and thrust area of the KIET-TBI is ICT, Robotics Automation, Solar Energy, Automobile, E-mobility and SDG (Sustainable Development Goals). The Centre aims to train technology aspirants of all domains in multiple disciplines and foster research & product development and also inspires students to start their own ventures and businesses. A FabLab, part of the Global Network of more than 2000 labs across the world is also set up to nurture creativity and innovation amongst students.

KIET Group of Institutions is also having an **e-cell (Entrepreneurship Cell)**, a student body aimed to promote an entrepreneurial culture among the young minds of today's generation, and encouraging the entrepreneurial mindset of an aspiring individual to convert their "Drop of an Idea into an Ocean of Reality", through various activities and events. Also we have a dedicated **IP cell (Intellectual Property Cell)** to manage & protect intellectual property (IP) rights of academic and non-academic staff, students and TBI-KIET's incubates. This cell is working to educate and put forward transparent procedures for ownership, protection and commercialization of the developed IP while sustaining the core moral values of students, academic researchers and faculty, such as integrity, merit, academic freedom, and pursuit of

excellence.

We are also a **Scientific and Industrial Research Organization (SIRO)** approved by DSIR, Delhi. To promote Research and Innovation culture among faculty, Institute provides **Dr CV Raman** Awards to 10 best Researchers of KIET every year. Also the institute recognizes some faculty to work as **Research faculty** and encourages them by providing internal budgetary and administrative support and balancing their academic and administrative responsibilities.

The Institution has Integration of teaching and research by **Innovation Centre and Technical Clubs**. The Innovation Centre was established to promote and inculcate the culture of learning by doing, and to provide a platform for the innovative work to create better, talented, creative and well-groomed engineers. The centre offers opportunities to augment the theoretical knowledge of students through a project based curriculum thereby enabling them for the competitive job market. Technical clubs running in different departments provide an opportunity to connect to innovative work with real world problems/ industry needs and also leads to the creation of market ready projects. Apart from this, specialized lab facilities are available in the campus like **D-Link, NI-LabView, Innovation Lab with IoT and Robotics facilities** to name a few.

The Institute also has a strong Academic Body comprising representatives from Government, Industry, Banks, R&D Institutions and Academia to mentor and impart knowledge through a series of regular sessions and workshops on emerging technologies, inculcating problem-solving skills and entrepreneurship.

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

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

Response: 235

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

2019-20	2018-19	2017-18	2016-17	2015-16
33	48	53	74	27

File Description	Document
Report of the event	
List of workshops/seminars during last 5 years	
Any additional information	

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 1.66

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

Response: 53

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 32

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	
Any additional information	
URL to the research page on HEI website	

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.35

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
173	98	45	44	28

File Description	Document
List of research papers by title, author, department, name and year of publication	

3.3.3 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: 0.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
23	3	3	0	1

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[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:

KIET Group of Institutions is much concerned about the underprivileged section of the society and is continuously working for their development. Considering this moral responsibility towards the society, students of KIET Group of Institutions, who work for the welfare of the underprivileged people, are running a **NGO named UDDESHHYA**, registered under **Society Act 1860**. UDDESHHYA envisions a society where everyone lives with the basic necessities and understands that happiness lies in living for others, that's why the tagline says "Living for a Reason". The team is always engaged in various social awareness programs from time to time with a motive to bring a positive change in the society.

Under the **project 'UJAGAR'**, the team carries out various awareness programs such as Nukkad Natak, skits, mime etc. to inform people about various social issues. Also, along with its Blood Donation team, tries to raise the importance of blood donation. Every year the team tries to collaborate with different organizations to organize a blood donation camp so that the awareness can be raised.

Every year on 26th January team performs Nukkad Natak in both slums and Asalatnagar Government School on topics of social concern such as-

- Women Empowerment
- Importance of Education
- Importance of Cleanliness and Hygiene
- And many more topics to make people of slums and schools aware about these issues.

Every year during the college Annual Fest team performs a 'MIME' act- which is a silent storytelling act on various topics of social development and various concerns such as-

- Pulwama Attack (2019)
- Life of a transgender and their role in nation building
- Road Safety
- Growing influence of women in armed forces

In the past year's team carried out awareness programs in various creative manners. One such initiative was **'PICK A TABOO'**- which was started to commence discussion on various taboos prevalent in our society. The topics were-

- Sex Education
- Surrogacy
- Organ Donation

The team also organizes various distribution campaigns and surveys from time to time to inform people about various social issues. Team also participated in the '**Cauvery Calling Campaign**' and started an online event to raise awareness towards it. Even in this lockdown period where physical activity was very much restricted, the team also opted for an online platform and organized various awareness programs through social media sites about the virus and safety precautions.

 The Institute has a **Unnat Bharat Abhiyan (UBA)** Cell which looks after the various UBA Activities like Health Awareness camps, Covid Awareness camps and other activities related to Covid-19 like distribution of masks, sanitizers etc. Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. During lockdown, different products and materials were designed and manufactured and due to which the society benefited to fight against Covid-19 virus.

 The Faculty members have also contributed to the **Chief Minister's Distress Relief Fund** (Fight Against Covid-19) by giving a one-day salary.

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

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 2

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
1	0	0	1	0

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)
e-copy of the award letters	[View Document](#)

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 102

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

2019-20	2018-19	2017-18	2016-17	2015-16
56	12	14	16	4

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 11.9

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2136	375	371	314	90

File Description	Document
Report of the event	
Average percentage of students participating in extension activities with Govt or NGO etc	

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 1

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	0	0	0

File Description	Document
e-copies of related Document	
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 1

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	0	0	0

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	[View Document]
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	[View Document]
Any additional information	[View Document]

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

KIET Group of Institutions has adequate infrastructure in terms of smart Classrooms, computer labs, **library (Knowledge Resource Centre-KRC)**, language lab, faculty rooms, Seminar Halls with Audio Visual facilities. The whole campus has an Internet facility with having a bandwidth of 510 Mbps. The campus has a well-equipped **gymnasium, yoga room, sports, infrastructure for cultural activities**, **double-story canteen,** and **shopping complex**. In the institute, each department has facilities like a **Xerox machine, scanner, and printer**. The institute also has a **Medical Inspection Room** having **2 beds**. The total **campus area is 73652.79 sqm** and the built-up area is **88040.77 sqm**. There are **three mini-conference halls**, **three conference halls,** and a **550 capacity Air-conditioned Auditorium**. The institution ensures optimal utilization of physical infrastructure around the year through Regular campus activities.

Teaching Learning Facilities

The Institute has **101 classrooms** of approximately **80 sqm**. Each room has more than **60 students** sitting capacity with well-equipped student desks. All classrooms have an adequate number of facilities i.e., **wi-fi, LAN, LCD Projectors, and smart boards with the audio facility**. The classrooms and corridors are designed to be airy enough to provide a comfortable and pleasing environment for academics. All the academic blocks in the institute are well connected physically and provided **with Ramps and Lifts** making it barrier-free for **physically challenged students/ people**.

Apart from classrooms, the Institute has laboratories with the latest and up-to-date equipment for **experiential learning and project development**. All the departments maintain the laboratory equipment regularly as per institute policy. The School of Pharmacy has a **botanical garden**, **animal house**, and **museum**. The institute established **centres of excellence** for the development of Industry readiness skills in the students to fill the gap of academia and industry.

Each department regularly organizes seminars, workshops, guest lectures, invited talks, and faculty development programs for students and faculty members to enhance their learning. For this purpose, the institute has sufficient infrastructure within the department and at the institute level viz. three Conference Rooms and three Seminar halls, and one auditorium.

During **COVID-19**, the Institution has shifted to an online learning process through different platforms for example: - **MS Team, Zoom, Google classroom, and institute's LMS (Moodle server)**. To encourage a **blended learning** mode, classrooms are prepared with a camera-enabled system. The Academic guidelines have been changed during the **COVID-19** for the smooth conduct of all academic activities. Assessment and evaluation of internal examinations have been done online using **LMS, KIET MOODLE** exam system on **AWS Cloud**.

Library(KRC)

The institute has a well-equipped, air-conditioned **Central Library(1075 sqm.)**, **School of Management Library(104.5 sqm.),** and **School of Pharmacy Library(157.37 sqm.)**. Additionally, each department has its own library. The central library has **140130 books with 7377 titles**, **1767 bounded journals,** and **104 periodicals**. The KIET **School of Management** has **15144 books** with **1696 titles** and **15 periodicals**. The **KIET School of Pharmacy** has **13528 books** with **1496 titles**, **134 bounded journals,** and **27 periodicals**. The Libraries of the institute are managed by well-qualified Librarians and staff members. All the libraries are accessible to the students and faculty members physically and online as per their needs.

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

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

KIET Group of Institutions has created an adequate infrastructure for harnessing the potential of the youth & promoting students' interest in sports, cultural and extra-curricular activities. The Institute has a **well-furnished Auditorium**, **Multipurpose halls,** and **grounds** with all important amenities designed for organizing **cultural, sports, and other events**. The Institute uses an **air-conditioned auditorium** to organize curricular and extracurricular activities. This auditorium is equipped with a Panasonic cinema projector, screen 40 ft X 20 ft, Seltos sound system, and an acoustic music system.

For sports, kits and amenities are provided to the students in adequate numbers for regular practice, **Inter Hostel Sports Competition, and tournaments**. Institute also organizes sports activities for the employees. Institute organizes **"RANN"** (**Inter Institute sports competition**) for students every year. The institute also has **clubs to promote extra-curricular activities i.e., Fashion Club, Dance Club, and Music Club,** etc. to motivate students. In the institute, **Odyssey – The Literary Society of KIET** is established to bring all literature and writing enthusiasts under the same roof. The main objective of society is to inculcate the passion of reading, writing, and speaking amongst the students and nurture their talent to a large extent. This society also organizes the **Literary Fest** at the institute level. All winners of Literary fest participate in the **affiliating university Literary Fest**. The institute also organizes **Annual Fest** "**EPOQUE**" and **Inter Institute Cultural Fest "Prastuti"** every year in which various institutes of Delhi-NCR participate with full enthusiasm. During the COVID 19, all cultural activities are organized in online mode (https://www.kiet.edu/Activities).

The Institute has both **indoor & outdoor sports** infrastructure i.e., **Football Ground, Cricket Net, Badminton, Table Tennis, and basketball** areas. In the institute, there are three **gymnasium**s i.e., 1 Boy (182 sqm), 2 Girls (90 sqm and 150 sqm). The institute has **Indoor games facilities** i.e., **Table Tennis Court** (150 sqm), **Billiards Table** (151 sqm) & **Badminton Court** (212.357 sqm) and outdoor facilities i.e., **Cricket Ground** (6938.5 sqm), **Football Ground** (11,400 sqm), **Volleyball Court** (162 sqm), **Tennis Court** (390.39 sqm), **Badminton Court** (510 sqm).

The top teams of different cultural, sports, and literary activities are promoted for participation in the competitions organized by Dr. APJ Abdul Kalam Technical University, **IITs, NITs,** and other premier institutions. The institute has **defined a policy** for reimbursement of registration, TA, and Accommodation. For affiliating university participation, the Institute provides full reimbursement for all participants. For IITs and NITs, position holder students of cultural, sports, and any other event, full registration fee and 50% of TA, Accommodation fee are reimbursed. For IITs and NITs, participating students will also be reimbursed 50% of the registration fee and TA. For position holders other than affiliating universities and IITs, NITs, full registration fee, 50% TA, and 25% accommodation are reimbursed.

During the COVID 19, Co-Curricular and Extra-Curricular activities were conducted in online mode on regular basis. The students participated in these activities enthusiastically. It can be seen on https://www.kiet.edu/Activities.

https://www.kiet.edu/Sports%20Infrastructure

https://www.kiet.edu/health-and-well-being

https://www.kiet.edu/Activity%20Calendar

https://www.kiet.edu/clubs

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

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 73.08

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 76

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 31.6

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
1282.62	1749.88	783.3	889.67	887.15

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

All the major operations in the library **(KRC)** are computerized and are supported by "KOHA" Library Management Application Software. The Library (KRC) is automated using **KOHA** - Integrated Library Management System. All in-house activities like acquisition, cataloging, circulation, OPAC, etc. are being done with the use of the software. Barcode readers and software helps to make housekeeping activities very fast and accurate.

OPAC

Public Access Catalogue (OPAC) can be accessed to search all the bibliographic records available in the Library. Students not only can search books through OPAC, but they can also know the status of books issued to them. They can also have the facility to reserve the book if the particular book is already issued to someone else.

Year	Name of ILMS Software	Nature of Automation (Fully or Partially)	Version	Year of Automation
2020	KOHA	Fully	16.05.11.000	2002
2019	KOHA	Fully	16.05.11.000	
2018	LMS	Fully	1.0	
2017	LMS	Fully	1.0	
2016	LMS	Fully	1.0	

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

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 65.65

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
88.94	49.37	72.95	51.24	65.75

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 6.81

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 405

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The institute has IT facilities to cater the needs of students, faculty members and administrative tasks. All the departments have **LCD projectors**, **Interactive Panel**, **printers**, **scanners**, Internet facilities and **Learning Management System** (LMS:-http://lms.kiet.edu/moodle/).

The entire KIET computing infrastructure is managed by the **Information Technology Services department (ITS)** handled by **Dean ITS**. The department monitors and updates the college website on a regular basis. The maintenance of computers, Internet Wi-Fi networking, and installation of software, maintenance and up gradation of hardware is also done by ITS department. Assessment for replacement / upgradation/addition of the existing infrastructure is carried out at the starting of each academic year based on the requirement of different departments. The institute has always been reviewing the current needs and accordingly the internet bandwidth is upgraded from time to time.

In session **2019-20**, network was done from **1Gbps** to **10 Gbps**, **167 Desktop** and **69 laptops** were purchased. Random Access Memory (**RAM)** was upgraded from **4 GB to 8 GB** in **60 computers**. The **17 printers** and **1 workstation**, **5 UPS of 10 KVA and 20 KVA** were added to IT infrastructure. The software and firewall were also renewed all over the campus.

The institute also has a **Group SMS and email facility** to all stakeholders. This facility is purchased by NS Technology. This service provides a user interface to send messages and Application Interface (API) to use with KIET ERP. The institute uses **GSUITE for education** for all the services such as email services for communication, sharing of files, docs, sheets etc. All employees and students have been provided individual email id of KIET domain.

The institute provides good **E- learning facilities** to all its students. The **Library (KRC)** of the Institute provide a huge database which consists of subscription from **AKTU Nalanda E-Consortium** having more than **6000 Journals**; **10000 e-books** as per following packages: - **ASME, ASCE, DOAJ, DOAB, Emrald, IEEE Xplore Digital library, McGraw hill India expresses**, **Science Direct, Springer link, Taylor & Francis e-journals and e-books, JSTOR** etc. All the users can access any article / book through login & password on mobile, laptop /desktop through AKTU Nalanda E-Consortium round the clock (24hrs).

During the pandemic **COVID-19** for the smooth conduct of all academic activities i.e. online classes, examination etc. Assessment and evaluation of internal examinations have been done online using LMS (http://lms.kiet.edu/moodle/), KIET MOODLE exam system on AWS Cloud.

The institute has adequate ICT infrastructure for placement activities too. The placement cell has a dedicated conference hall with all ICT facilities i.e., **projector, smart boards, and audio video system**.

The institute is vigilant for all types of **security measures** i.e., **fire extinguishers, CCTV surveillance** etc. The **356 CCTV** are placed all over the campus i.e. Pathways, Library, buildings etc. for the security purpose. These facilities are updated regularly. Monitoring of all CCTV is done on a regular basis by dedicated staff.

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

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

Response: 3:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average 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: 39.81

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)**

2019-20	2018-19	2017-18	2016-17	2015-16
1577.37	1578.78	1312.5	1210.32	1221.53

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

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

Response:

IT infrastructure is the backbone of the organization for efficient operations. In the institute, a **dedicated**

department ITS is established for IT hardware and network maintenance. The institute has a well-managed **policy** for **systematic hardware & network maintenance** to manage the rapid changes in technology. The problems are categorized into three categories i.e., Urgent, High, Normal, and Low. The action taken will be according to the category by the ITS team. For urgent categories, action is taken within 15 minutes. For other categories, time is taken i.e., High within 1 hour, Normal within before the end of the next working day and Low more than two working days. The response is given to the problems submitted to the IT help desk by assigned IT staff. The ITS team may take help from an external agency after analyzing the situation. The institute believes in preventative measures to minimize the impact of incidents. The ITS team plans the regular maintenance and major updates before the start of the semester.

There is a faculty incharge in each core department who is responsible for proper functioning, testing, calibration, and repair of the lab equipment. The lab technician takes care of day-to-day operations, daily and periodic maintenance and upkeep of the lab equipment. All the repair needs are reported to the department head through faculty-in-charge for further processing. The equipment is calibrated regularly through AMC from certified service providers.

Physical Facilities:

The college has appointed several personnel for maintaining the infrastructure such as: **building maintenance, water cooler, RO system, air conditioner, Intercom system, transport, furniture, and a generator operator in case of the power shut down**.

All the departments have a complaint book in which the department may write their complaints. The maintenance supervisor visits all departments assigned to him between 10:00 A.M. to 11:00 A.M. In the department, PA to Hod is responsible for maintenance. If any issue is observed by the housekeeping/ maintenance supervisor, faculty member and others, it is informed to the PA of the department. The PA of the department writes the complaint in the complaint register. The maintenance staff informs all the complaints to the respective maintenance staff and complaints are resolved within 24 working hours. In case, any complaint is not resolved within 24 working hours, then it is reported to the admin officer. All urgent complaints are resolved on priority. The complaint register is also checked by the admin officer on the first and third Monday of the month. The maintenance of the diesel generators, elevators, washing machines etc. is done as per time schedule given by the Original Equipment Manufacturer (OEM). Major maintenance activities such as whitewash, hostel maintenance etc. are undertaken during summer break.

Sports Complex

In the Institute, **dedicated sports officers** are deputed to take care of sports facilities. Four gardeners work under sports officers for the maintenance of sports grounds/ courts. The institute issues the required tools and machines for maintenance. An **electrician** is assigned to switch on and off the lights of all sports grounds in the evening. An electrician is also responsible for servicing the lights. Any other observation related to fixtures is reported to the assistant admin officer/ admin executive through the sports officer either by email or pink slip. Assistant admin officer informs the respective maintenance person for resolution of a complaint. If there is any issue in resolving the problem, then it is informed to the admin officer. A sports regulatory committee is also active to monitor the maintenance of sports grounds/ courts facilities and reports the same to the director.

Library (KRC):

The Library (KRC) is headed by a Librarian under the guidance/advice of Dean Academics. He is supported by Deputy Librarian/ Assistant Librarian and other junior staff for maintaining books, journals, e-books, and other reading materials. In addition to the above, supporting staff helps the users (Students and Faculty Members) for getting the books/ journals issued for their study. The library (KRC) is open for users (students & faculty) for all days. Suggestion box is installed inside the library/study area to get users' feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment.

For the purchase of a book, a requirement is taken from concerned departments. The duplicity and editions are checked before the purchase. The details of books/Journals are shared with concerned suppliers for confirmation. The purchase order is sent for getting the final approval from the Management for the placement of the order . The information is given to the concerned department after receiving the books and a list of the same is displayed on the Notice board for the students.

Suggestion Boxes:

For continuous improvement, suggestion boxes are placed all over the campus i.e., Library, departments etc. These suggestion boxes are checked on a regular basis. If any suggestion is given by any stakeholder, then action will be taken by competent authority immediately

Security:

The **CCTV cameras** are placed all over the campus like classrooms, corridors, auditorium, conference halls, main gate etc. for vigilance. In total, **356 cameras** and 23 digital video recorders (DVRs)/ network video recorders (NVRs) are placed on campus. At the time of examinations, the examination rooms are also monitored through these cameras.

Budget Provision

The institute has a provision for allocation and implementation of budget. The Dean (A) office asks all academic and administrative departments to propose a budget in the prescribed format. Each department has a budget committee to propose the budget. Head of the department presents the budget to the Director, Joint Director & Dean (A) for the pre-approval. A meeting of all HoDs and functional Heads is called to present the budget for the approval from the management. After the approval of the budget from the management, the budget is sent to departments for the procurement purpose. The departments receive the quotation and after finalization, send it to the purchase department. After completing the internal process, the Purchase department issues the items to the department.

File Description	Document
Upload any additional information	[View Document]()

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 29.25

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
1633	1262	1674	2039	1310

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 33.74

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
792	2313	2142	2062	1785

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 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
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 7.52

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

2019-20	2018-19	2017-18	2016-17	2015-16
406	338	1112	59	104

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)

5.1.5 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 any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 60.78

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
1034	1008	841	772	840

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 19.73

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 288

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education (Data Template)	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 14.94

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.*)) **year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
66	62	12	56	82

5.2.3.2 **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**

2019-20	2018-19	2017-18	2016-17	2015-16
334	292	406	402	487

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	[View Document](#)

5.3 Student Participation and Activities

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

Response: 106

5.3.1.1 **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) year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
56	20	15	10	5

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

The Institution aims for all-round development of students involving their physical, mental, social, cultural, and spiritual well-being and discipline. The office of dean academics is instrumental in developing industry ready professionals by continuously upgrading the curriculum, providing a way to excellence. The Dean of Students Welfare office works very closely with the Student Committees to continuously improve the quality of campus life. The Institute works with individual students to solve their problems related to both academics & personal life. We care deeply about our students and are here to extend our support. KIET Group of Institutions provides a host of various student-driven activities ranging from Sports, Cultural, and Personal Hobbies to Technical Interests. The students are encouraged to become members of various Clubs to broaden their skills and horizons. KIET Group of Institutions is running four broad categories of clubs to up-skill students. The Literary/ Personality Development category has TEDx, KIET MUN, Odyssey, Quizzinga, and E-Booster clubs. The cultural category has music, Dance, Skit, Fashion, Drawing, etc., clubs. Besides these two are Sports Club and Creative cell. These Clubs are represented by the students and they actively participate in organizing several events at the national level while running the club. They help in coordinating all the events related to academics and other co-curricular, extracurricular activities under the guidance of a faculty coordinator. They also motivate other students to participate in the activities conducted by the institute. These clubs create a bridge between Students and Faculty members in the institute. Along with creating a support system and decreasing the stress level of academics, these clubs sharpen the interpersonal, teamwork, and networking skills of the students. Students earn many awards and recognition in inter college/ state/ national level competition in various activities. Along with these curricular and extracurricular activities, the students take part in different Social and extension activities

through NSS, women cell and Uddeshya.

With the objective to ensure excellence in academics, the KIET Group of Institutions appoints two class representatives to take authentic feedback/response from the students. This is done through frequent C.R meetings with the concerned HOD, Dean, and Directors. There is also a transparent online feedback system. Many students are also appointed as a member in different committees of the institute like Anti-Ragging Squad, Grievance Redressal Cell, IQAC committee, Student Counsellor Cell, *etc*.

To make students industry-ready, the KIET Group of Institutions is running Centres of Excellence, Clubs in Innovation Cell, and various departmental clubs on the institutional level. All these clubs are running on the latest technologies like Industrial Electronics, ME Design, Blockchain, IoT, Machine Learning, Cloud Computing, Robotics, Artificial Intelligence, Android Programming, iOS programming, Prototype and Product Making, Data Science, and 3D Designing. These clubs help the student in completing their final year project as well as an internship.

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

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

Response: 6.2

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
8	6	7	7	3

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	[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:

KIET Group of Institutions, Ghaziabad was established in the year 1998. Since its inception, it has produced more than 16000 graduates. Our alumni be as Entrepreneur, Academician at IIT/NSIT/IIM, Civil Services officers as IAS/IFS/IRS/IES, PSUs professionals at IOCL/NTPC/ONGC/BEL/HPCL/SAIL, Scientists at ISRO/BARC, or Corporate professionals at Google/Microsoft/Apple/Barclay/Siemens/Capgemini/CISCO/Mercedes have distinguished themselves globally and made their Alma Mater proud by achieving great heights of excellence in their respective fields and contribution to the socio-economic development of the nation and the world at large.

Alumni Engagement Cell (AEC):-The Institute, in its endeavor to strengthen the link with the alumni, has an Alumni Engagement Cell (AEC). The role of AEC includes: to plan, implement and promote alumni activities that support the KIET strategic initiatives; serve as the single point of contact for alumni & Institute for all matters related to alumni affairs, and to maintain regular communication with alumni; Educate students about alumni benefits and engage them in various events. The cell has a team of AEC-Head, Associate Head and Executive along with two faculty members and student representatives from each department.

KIET Alumni Association (KAA):- The institute institutionalizes the lifelong bonds between alumni and alma mater. The **online registration process** of the KIET Alumni Association Society is completed. It has come up with various activities such as the Annual Alumni meet, E-Panel Discussion, Alumni Interaction, VC Chat Room, etc. The Governing Body of KAA has President - Mr. Shivam Shukla (Global Manager / Associate Director IT at NXP Semiconductors, Amsterdam), Vice President - Mr. Kumar Gaurav (Captain in AIR INDIA, Mumbai), and General Secretary - Mr. Vinod Kumar (Principal, HRIT Ghaziabad) and others.

Alumni portal :- The institute has annual subscription of an online portal – kiet.almaconnect.com on which more than 10,000 alumni are registered. It has alumni Directories categorized on graduating year-wise, company-wise, region-wise, and domain-wise. It provides a platform for networking, job postings, and sharing of KIET updates and various events information.

Annual Alumni Meet & Other Events:-To conjure up vivid memories of yester years and develop a strong connection, the Annual Alumni Meet – Reminiscence is organized at campus/off-campus on the first Saturday of September/October. More than hundred alumni joined the event every year. Even far-distant alumni too are connected through the online mode. Besides, the annual meet institute also organizes various events such as Outstation Chapter meets, Alumni Sports, Alumni Talks, etc round the year. Institute also invites its alumni to various college events as cultural fest, seminars, conferences, sports fest, etc.

Alumni Cards:- For ease of alumnus to get back to their campus and avail its facilities as and when required, Alumni ID cards are issued to alumni.

Alumni Collaboration:-Alumni partners with various committees of the institute as members of IQAC, Departmental Advisory Board, Academic Council, etc. to spearhead the introduction of alumni involvement in the growth and continued leadership of the institute.

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

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

Vision

To achieve excellence in technical education and create competent professionals for the industry & Socio-economic development to meet National and International needs.

Mission

- To achieve academic excellence in technical education through innovative teaching-learning process.

- To provide strong fundamental & conceptual knowledge with essential skills to meet current & future needs

- To build strong industry academia connect through industrial & socially relevant projects

- To inculcate right human values and professional ethics

Structured governing bodies support to achieve institute's goals and plans and to meet the expected outcomes in which participation of the teachers and students is ensured in various decision making as per vision and mission of the institute. A brief description of the governance, perspective plans and teacher's participation in decision making is described further.

The Governance

All academic, research, administrative and other activities of the institute are guided by Governing Council and executed by important functional bodies.

Governing Council

The Governing Council of the institute has been constituted as per the guidelines of AICTE. It comprises Chairman and Members of Management of the Institute and members from Academia, Industry, Nominee of the State Govt. (U.P), and representatives of faculty members along with Director of the Institute.

The strategic plan related to academics & administration is reviewed and finalized by Governing Council. The Governing Council facilitates with financial support for the creation and sustenance of facilities related to academics and administration. To ensure quality in the system, meeting of various stakeholders

(Parents' interaction, Employers' meeting, Alumni meeting and CR meeting) is conducted to get feedback and reviewing the same.

Important Functional Bodies: Important functional and advisory bodies have been constituted in the institute. The Academic Advisory Board provides all kind of guidance to the Academic Council of the institute. The important functional committees are:

.

- **Academic Advisory Board**

- **Academic Council**

- **Internal Quality Assurance Committee**

- **Research & Development Council**

- **Innovation and Entrepreneurship Council**

- **Industrial Research and Consultancy Development Centre**

- **Institutional Affairs and Career Guidance Cell**

- **Grievance Redressal Cell**

- **Internal Complaints Committee**

Perspective Plan: In coming five years, Institute plans to collaborate with more number of foreign Universities to make our students globally competent, developing understanding and application of Outcome-Based Education, establishing more Research Centers and Centers of Excellence in various programs, and collaborate for higher studies and student placement. We are focusing more on adopting and implementing various quality processes which will enable us to meet out the requirements for accreditation by various agencies such as NAAC (A++), QS I-Gauge and NBA (for all Programs).

Participation of the Teachers in Decision Making: The faculty members are involved in framing policies in various decision-making bodies of the Institute. There is a practice of conducting brainstorming sessions at Department and Institute level before finalizing any policy. Academic Council supervises, evaluates, and supports all the departments in a manner that promotes excellence and creative in their work.

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

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

Decentralization in Working

The organizational structure of the Institute supports in conducting the operation in a decentralized and transparent manner with due clarity of duties and responsibilities of concerned academicians, administrators, decision makers and faculty members at various levels. The faculty members holding appointments of Deans, HODs, Ad. HODs and functional Heads are administrators at their respective level for smooth functioning of various activities of the Institute.

Dean (Acad.) is empowered to take decision for all academic activities in consultation with Director. Department heads are authorized to take decision in the department level with full academic autonomy within the overall guidelines of senior management of the institute. The best practice of decentralization was observed in KIET Group of Institutions during pandemic in which functioning of system was supposed to shift from offline mode to online mode in teaching learning. This shift was possible only by the support from each level and the powers delegated to the Deans, HODs and faculty members. To ensure the smooth transition into online mode, faculty members were trained by the IT department. Development of LMS & online video lectures, which resulted in development of more than 3000 video lectures in all the subjects on KIET career maestro (YouTube). These video lectures have been uploaded on Moodle LMS also, and were made available to the students in addition to online teaching learning practices on MS Teams.

Participative Management Practices in Institutions

Participative management culture is promoted in the organization which enables faculty, staff, and students to express their opinions and give their suggestions including constructive opinion in day-to-day functioning of the institute. All academic and administrative activities are delegated and operational decisions are taken based on discussion and deliberations in Director's meetings with Deans, HODs, and various other committees. This culture of participative management empowers members with freedom to express their opinions, assess pros & cons of a decision being taken for improvement.

Governing Council members/management representatives also take keen interest & participate in important decisions and issues raised by the Directors, Deans & Heads of Departments based on inputs from faculty members about new strategies and plans. Governing Council members finalize the plans & strategies and support in all the programmes for the development of Academic, Research, and other activities. All the Department Heads are also free to frame guidelines and policies within the Department to conduct various activities such as Trainings, Excursions and Seminars etc. for the students. For smooth conduction and success of academic activities along with extra-curricular activities all HODs, faculty & staff participate with full enthusiasm strong coordination. Faculty members also connect with their mentees and their parents at regular interval for counselling sessions. The information related to students is managed through Institute's ERP. It manages data of all the students related to their attendance, sessional marks, mentoring and notices about academic activities to maintain transparency.

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

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The plans and policies of the institute are framed in such a manner that they meet stakeholders' expectations. Some of the plans & policies of the Institute are as follows:

Inculcating Research Culture in the Institute

- Establishing more Research Centers and Centers of Excellence in various programs

- Industry-Academia Collaborations

Following are some of the policies which support various plans of the Institute:

- Academic Policy

- Research & Development Policy

- Innovation & Entrepreneurship Policy

- Training & Development Policy

- Promotion policy

- Reward & Recognition Policy

- Intellectual Property Rights (IPR) Policy

- Policy for Reimbursement of Incentives for Research Publications

- Policy For Ph.D. Fee Reimbursement

All the above plans are successfully progressing towards meeting their set goals. One of the focused plans e.g. inculcating research culture in the institute is supported by various related policies. Primary objective of Research Policy is to enhance the research culture among faculty members in the field of Science and Engineering. Research Committee comprises 30 members including Chairman and members from all the departments. Research and Development Council provides platform for faculty members and students also

to work on various research and consultancy projects. Management motivates the faculty members for pursuing higher studies like Ph.D. and PDF. Departments are advised to upgrade and establish research centres and centre of excellence. In view of this, the department such as Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Mechanical Engineering, KIET School of Management and KIET School of Pharmacy are approved as research centre by Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

As per Research & Development Policy, a new position of Research Faculty (RF) is planned in all the department. 34 faculty members from all the departments have been identified and re-designated as Research Faculty, in KIET dated 27.02.2019 for Academic Session 2019-20.

The Privilege given to Research Faculty are as follows:

- Faculty are given special one-week leave for collaboration during Lean period in winter/ summer in an academic year.

- Depending on the quality of research and no. of Students involved in Group Research activities, he/she is specially rewarded by Institution.

- High configuration laptops are provided to all Research faculty members.

- Rs. 10,000/- per year is reimbursed to research faculty members for the expenses of any chemicals or any equipment/product required in Research.

- Up to Rs. 20,000/- (TA+ Registration) is reimbursed to the Research Faculty for presenting papers in conferences.

With the support of various policies related to research work, 100% Research Faculty members achieved their goals in academic session 2019-20.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

KIET Group of Institutions is recognized as one of the best engineering institutions in Delhi-NCR. It was founded by the members of Krishna Charitable Society in 1998. The institute is affiliated to Dr. A.P.J Abdul Kalam Technical University, Uttar Pradesh, Lucknow. KIET Group of Institutions has a well-defined organization structure. A brief description of governing council, various functional bodies and

functionaries is mentioned as below:

Governing Council is responsible for framing the rules, regulations and policies of the institute. The governing council approves appointments made during the academic year, approves allocations of budget and plans proposed by heads of different departments for continuous growth of the Institution.

Director is responsible for providing guidance and help in planning, implementation and monitoring of all the academic activities, and make sure that these are aligned with the established policies and objectives of the organizations. The Director is committed towards planning and implementation for continuous improvement and growth of the organization and is supported by Joint Director and other functionaries of the Institute.

Academic Council is responsible for preparing academic calendar, academic policies, monitoring of classroom teaching, students' feedback and analysis, conduct of internal and external examinations, analysis of examination results and frame strategy for better performance in future examinations, analysis of attainments of outcomes of all the programs and other activities required for smooth functioning of teaching learning process. The academic council comprises Director, Dean Academics and Heads of Departments of the institution.

IQAC is responsible for the development and application of quality benchmarks/parameters for various academic and administrative activities of the Institution. Facilitating the creation of a learner-centric environment conducive to quality education and maturity of faculty members to adopt the required knowledge and technology for participatory teaching and learning process.

Departmental HODs ensure the smooth conduction of Academic and administrative activities within the Departments throughout the session and other Departmental Events including Cultural activities with the coordination of Faculty members. All HODs ensure CR meeting with the students twice in a session and takes corrective actions, if any, within the Department.

Placement Officer assists in training & placement of students in various Industries/Organizations in India and abroad & conducts programs for Personality Development, Improvement of Communication skills and Career Guidance.

Librarian is custodian of library and performs regular audits of the inventory. He is responsible for upgradation and maintenance of Books, Journals, Magazines, News Papers etc.

Finance/Accounts Department manages the finance of the institute, tracks assets and expenditure, keeps track of critical tax documents, collects tuition fee from students for every academic year, provides form 16 to the employees, releases financial benefits to the employees after approval such as registration charges of FDP, conference etc.

HR Department functions include, recruitment of faculty members as per the AICTE norms, annual review of faculty performance in teaching, research and their overall contribution to the Institute, attendance and leave management, rolling out training & development programs for Staff members, reward and recognition, employee record documentation.

File Description	Document
Upload any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 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
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

Provide the list of existing welfare measures for teaching and non-teaching staff within a maximum of 500 words

Response:

Realizing that satisfied employee is an asset for the institution and can make the college a productive place, the management has put several welfare measures for the teaches and staff as well besides their salary package.

Welfare measures for Teachers: -

- Provision of Provident Fund

- Gratuity policy

- Subsidized Bus Facility

- Training & Development Programs by External Experts

- Faculty outbound visit

- Reward & Recognition Policy

    - Young Dronacharya Award

    - C.V Raman Award

    - Faculty with Outstanding Contribution other than Teaching and Research Award

- Maternity Benefits

- Events and Employee Engagement Activity

- Good Research and Development Environment

- Fee Reimbursement and OD Leaves for attending FDP/ Workshop/ Seminar

- Ph.D Incentive Reimbursement

- Study leave and sabbatical leave

- Conference Fee reimbursement.

- Incentive for Research Publications.

- Patent application fee reimbursement.

- Patent legal Advice by expert.

- Monthly faculty get-together.

- Mediclaim Policy

- Vacations

For Example C.V Raman Award is one of the major Research promoting measure which keeps faculty members motivated to work continuously on Research throughout the Academic year. The receiver of this award gets benefited in terms of cash reward & recognition among the faculty members. Dronacharya Award is given for best teaching faculty member at departmental level.

Welfare measures for Staff: -

- Staff outbound visit

- Staff Promotion Structure

- Gratuity policy for staff

- Subsidized Bus Facility

- Employees' State Insurance Corporation

- Training & Development Program

- Star Employee of the year Award

- Mediclaim Policy

- Monthly staff get-together

- Events and Employee Engagement Activity

- Vacations

All the above-mentioned schemes help the faculty members and staff to work more effectively and efficiently towards achieving the organization's goal in the long term. These schemes are applicable to all the employees and they avail them as per their requirement. Due to these welfares' measures, the average retention of faculty members is 7 years. The motivating factors of faculty retention are good salary, hiring the right person, wellness offerings, annual performance reviews, training and development, recognition and rewards systems, flexible working arrangements, dealing with change, and fostering teamwork etc.

File Description	Document
Upload any additional information	View Document

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

Response: 22.14

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**

2019-20	2018-19	2017-18	2016-17	2015-16
51	49	074	73	68

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 7.4

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
28	1	1	4	3

File Description	Document
Upload any additional information	[View Document](#)
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 66.84

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
186	205	207	219	143

File Description	Document
Upload any additional information	[View Document](#)
IQAC report summary	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

The appointment of suitable teaching and non-teaching staff is a critical process and is very important for the future of an academic institution. We have an effective Performance Appraisal System for our teaching and non-teaching staff and students' feedback and audit by IQAC become the basis of their Evaluation System.

The Institute has professionally designed "Appraisal System" where the faculty is appraised annually focusing primarily on four broad areas of an individual contribution i.e., academic, research, administrative and personal conduct. He/ she is appraised, on a scale of 200, broken down in smaller denomination on various segments of above four. Additionally, he/she is also asked to do his self-appraisal.

The contribution of individual faculty member is recorded on the KIET ERP throughout the academic year and the individual contribution gets reflected in the self- appraisal form. The faculty members fill their self-appraisal form by the end of every academic year and the same gets reviewed by Head of the department for preparing annual confidential report. After reviewing the form by HOD it gets approved by the Director.

The management always plays proactive role in the performance appraisal. Annual increments and promotions in the grades are all implemented by the management on the basis of an individual's performance. The employee's moral is kept high by offering competitive salary structure, perks, rewards scheme etc. based on the outcomes of the review of the performance in appraisal report.

To ensure the transparency of Performance Appraisal for teaching and non-teaching staff, the Institute periodically conducts the performance audit of the departments (by the Internal Quality Assurance Cell) which includes review of teaching – learning methodologies, extension activities, co-curricular and extra-curricular activities conducted during the academic year.

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

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The Finance and Accounts department performs various functions like financial planning/budgeting, reporting, and controlling. The department works proactively to solve any financial issues. The college conducts regular audit of annual books of accounts. The Account office keeps all the financial records separately as per the events/ activities and transactions made for them. The Account office maintains the Books of Accounts properly which helps in auditing procedure.

The Institute has a mechanism for internal and external audit to ensure financial compliance. The institutional accounts are regularly audited. The observation of the auditors, if any, are immediately corrected / rectified.

Internal Audit: KIET Group of institutions has well qualified Chartered Accountant for the smooth conduction of internal audit from the inception of the institute.

During Internal Audit, Audit team visit to all the department of the institute to check and verify the relevant document to ensure the execution as per institute guidelines. The major focusing area for internal audit are usage of equipments, maintenance of equipments, stock registers, verification of all payments, receipts & journal vouchers of the transactions, cash books, ledger account review etc. Internal Auditor submits monthly audit report to the account office with observation and suggestion to improve the system.

External Audit: once in a year, registered chartered A/C firm conducts statutory audit. Institute keeps its books of account as per Income Tax Act 1961. Mr. Anil Gupta is appointed as an external auditor by the institute who take cares the external audit, prepares the balance sheet, income and expenditure statement and other required documents and finally submits ITR every year along with audit report duly signed by management.

All the Department Heads in consultation with faculty- in charge of laboratories come up with the proposed budget with particulars and description before commencement of the new academic session every year. All the HODs forward proposed budget to the Director and after reviewing, Director approves and consults with the Governing Council for purchase order.

File Description	Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)
Any additional information	[View Document](#)

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

Response:

KIET Group of Institutions is self-sustained Institute. The primary source of funds is through collection of tuition fees and from various other bodies like hostel, canteen, consultancies, projects, grants, etc. The fund is used for the development of required infrastructure to meet out the operational cost.

Institute has proper budgeting system, projection and its utilization process. Department heads prepare the budget proposal based on their requirements and present it to the management every year before the commencement of academic session. The top management reviews the departmental budget proposals and approves them accordingly. The purchase is made strictly following the given budget proposal. If any deviation occurs in the budget, respective HODs have to address the issue and give justification so that subsequently the same can be rejected or approved as the case may be. Following this procedure, unnecessary purchases are avoided and the available funds are effectively utilized. On the similar line, expenditure on other major heads like salary, operational costs, and construction, reserves are managed through budgetary control by Top Management.

The maximum resource mobilization is through the various sources:

Fund Sources	S.No.	Source
	1	**Academic fee from students**
	2	**Hostel fees**
	3	**Consultancies**
	4	**Bank Interest**
	5	**Misc. Income**

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

Response:

Chairperson of IQAC is Director of the institution and it is coordinated by Dean (Academics). The team of IQAC includes representatives of faculty, management, administration, students, alumni, and local society employer/industrialists/ stakeholders. Existing policies of institution on academics and administrative systems are of high quality.

To maintain high-quality standards, the team of IQAC members visit various departments twice in a semester for audit. The lab records, course files, attendance records, mentoring records and other necessary data related to academics, and stock registers are verified by IQAC. Also, IQAC checks the infrastructure and other facilities of departments such as labs, classroom, washroom, water facility in administrative audit. After that a report is prepared in pre designed assessment format and it is submitted to the IQAC coordinator. The report is discussed and analyzed in IQAC meeting and finally it is sent to the concerned department with recommendations for improvement, if any. Thus, the efforts made to maintain high quality standards and continuous improvement by IQAC contributes toward certification/ accreditation from external quality assurance organization like ISO, NBA, NAAC and QS I-Gauge.

Best Practices by IQAC:

Enhancing teaching-learning process: -

The prime objective of IQAC is to improve the academic and administrative performance of the institution and observe the teaching-learning process. For every semester, the faculty members prepare the lesson plan of their respective subjects before the commencement of the classes. The format of the lesson plan is revised by the IQAC time to time. The current format of lesson plan includes some particular features like video lecture details and links of study material prepared by faculty members.   In session 2020-21 the attendance of the students is monitored by conducting quiz during the classes. In academic session 2020-21, the course files have been created on Moodle in the structured way and it includes previous year question papers, question banks, quiz, notes, and video links etc.

To develop Research Environment: -

In the year 2018, few faculty members were identified as research faculty based on the nominations received from all the departments. In academic session 2020-21, IQAC decided to re-designate few Professors as research professors and these Research Professors are responsible for consultancy, Funded projects, writing research papers in SCI Journals and to ensure the involvement of students in various research group. The research group comprises of students and faculty members and these groups are

headed by the Research Professors of respective departments.

File Description	Document
Paste link for additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

As per the guidelines of NAAC, an Internal Quality Assurance Cell (IQAC) has been established as a post-accreditation quality enhancement and enrichment measure. The Cell is presently headed by Dr. Anil Ahlawat, Dean (A), KIET Group of Institutions. The IQAC has ensured co-ordination among various activities of the institution. To promote Teaching Learning process and Research activities, KIET Group of Institutions follows the best practices in institution as follows: -

Outcome Based Education (OBE)

Institute has implemented Outcome Based Education (OBE) in its teaching practices. Outcomes are evaluated at each and every step and the corrective actions are taken to fill these gaps. IQAC members visit each department twice in a semester to review the course files of all subjects and other relevant documents also. For clear understanding of Outcome Based Education, the institute has in-house developed ERP software through which all the COs and POs calculations are carried out. Based on this calculation, gaps are identified and action taken report is prepared for further improvement.

Online Teaching Learning

During COVID-19, the Institution has shifted to online learning process through different platforms for example: - MS Team, Zoom, Google classroom and institute's LMS (Moodle server). E-content is developed by all the faculty members in the form of self-shoot videos and course files which includes lesson plan, quizzes, question bank, previous year question paper, case studies, assignments, lecture notes, link of self-shoot videos etc. All the video lectures developed by the faculty members are reviewed by the Moodle coordinators before uploading on the KIET Career Maestro YouTube channel. The links of all the recorded videos are provided to the students through Moodle LMS. All the E-content available on Moodle LMS is reviewed by the departmental QAC and report is prepared in the prescribed format. At the end, the report is forwarded to the concerned departments for corrective actions, if any.

File Description	Document
Paste link for additional information	<u>View Document</u>

6.5.3 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 intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	<u>View Document</u>
Upload details of Quality assurance initiatives of the institution	<u>View Document</u>
Upload any additional information	<u>View Document</u>
Paste web link of Annual reports of Institution	<u>View Document</u>

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 during the last five years.

Response:

Gender equality is a human right. It is an important consideration in the development and a way of looking at how social norms and power structures impact on the lives and opportunities available to different groups of men and women. Since our constitution ensures it, the KIET Group of Institutions has also framed the same guidelines to set the benchmark in building up a healthy environment. It observes high ethical standards in all its activities. To empower and strengthen gender equity, the KIET Group of Institutions has an **Internal Complaints Committee (ICC)** to ensure the challenges in an integrated manner and avoid piecemeal effects of the stakeholders. In order to ensure the compliance of AICTE Notification Number AICTE/WH/2016/01 dated 10th June 2016 (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions), Regulations 2016, and two additional members were nominated in Internal Complaints Committee. For achieving measurable targets and enhancing accountability to gender equality and women empowerment, this committee outlines and emphasizes women empowerment, gender sensitization, prevention, and prohibition of sexual harassment of women employees/students and redressal of grievances.

To promote gender equality and awareness for girl students, female faculties and staff members, the institute has been consistently organizing various interactions with experts for the past several years.

Student counselor is deputed by the institute to address all the issues including gender-related issues. The issues addressed are maladjustment, academic performance anxiety, decision making, underachievement, peer pressure, relationship handling, women issues, absenteeism, malpractice, low self-esteem, emotional instability etc. Students who attended sessions felt comfortable and emotionally secured at the end of the sessions. Our institute is using the online services of counseling web portal - yourdost.com also. Where in large number of counselors are available on a 24x7 basis.

To promote menstrual hygiene, **Sanitary Napkin Vending Machines (with Incinerator)** are available in the institute out of which one is in the Girl's hostel, and two in the Girl's Common Room in the institute. **Dojo Karate Club** is also functioning in the institute (Self Defense Initiative).

Hostel wardens and the authorities act as guardians and well-wishers of the occupants. During medical emergencies, an Ambulance is available 24x7 in the hostel campus.

To address the issues related to sexual harassment of women employees and students, this committee aims at maintaining the ZERO tolerance policy of the institute against sexual harassment. It also organizes activities to sensitize young minds to curb gender biases. In furtherance of this goal, several sessions by experts/gynecologists have also been organized by this committee to aware girl students viz. Teenagers' concerns, and Immunization.

The Proctorial board of the institute deals with indiscipline issues referred by the Chief Rector of hostels.

The goal of setting up this committee is to build an environment and society devoid of discrimination, and to take the benefits of fundamental rights for sustainable development.

https://www.kiet.edu/activities-icc, https://www.kiet.edu/ICC-Gallery, https://www.kiet.edu/icc-overview

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Any other relevant information	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

The environmental degradation problems originated from unscientific management of solid waste is a major concern around the globe since past decades. This mismanagement of biodegradable waste led to open dumping and overburdening of landfill areas with significant environmental and public health issues.

Secondly the rich nutrition in biodegradable organic waste which could be recovered and recycled to increase the productivity of soil is lost. These problems could be solved through composting and vermicomposting which provides an eco-friendly solution for waste management.

Institutions release a lot of biodegradable solid waste as kitchen and yard waste from canteens, hostel mess and lawns. Management of this waste is very crucial as per eco-friendly point of view and as per rules too. Composting has been adopted as an efficient method of management of biodegradable waste. Composting yard waste and kitchen waste are seen as a method of diverting organic waste materials from landfills while producing low-cost organic fertilizer, suitable for agricultural purposes.

In our Institutions we are managing biodegradable waste through composting and vermicomposting as an effective environmental solution for integrated management of solid waste.Vermicomposting is a process in which earthworms and microbes employed jointly for proper biological oxidation of biodegradable waste to convert the waste into organic manure. This biological processing requires timely monitoring and proper assessment for sustaining the process.Bio-composting is the process of aerobic decomposition and stabilization of biodegradable organic matter by the action of microorganisms like bacteria, yeasts, fungi etc resulting into the production of biocompost. Biocompost is rich in macronutrients (nitrogen, phosphorous and potassium) as well as micro-nutrients which can be utilized for the growth of plants.We are following 4 R mantra of reduce, reuse, repair and recycle for waste management. Vermicomposting is an appropriate alternative for the safe, hygienic, and cost-effective disposal of biodegradable organic waste. We established pilot vermicomposting plant in the medicinal garden of Pharmacy, K.I.E.T in Jan 2017, which includes bioconversions of biodegradable like vegetable waste into organic manure. In 2018, we took the initiative to bioconvert yard waste like pruned grass, leaves etc. into organic fertilizer. With regular monitoring, analysis, assessment, and research, we are improving our quality of vermicomposting produced in shortest time span.

- Institute has successfully established yard waste and vegetable waste utilization unit for organic waste bioconversion to organic manure.

- Every year 30 tons of yards waste is converted into 66 tons of vermicomposting.

- The eco-friendly organic fertilizer is used to maintain the horticulture of our institute.

- The cost-effective organic fertilizer is perfect replacement of chemical fertilizers.

- The practice follows 4R rules of waste management while maintaining the aesthetic value and leading to sustainable development.

KIET Group of Institutions environmental improvement efforts to make this world a better place to live in, have brought a lot of positive significance while bringing a paradigm shift and sustainable development. Such kind of working models and projects should be implemented at every local and large area as an eco-friendly solution to waste utilization practices.

File Description	Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Link for Geotagged photographs of the facilities	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: C. 2 of the above

File Description	Document
Link for any other relevant information	[View Document](#)

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: B. 3 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Details of the Software procured for providing the assistance	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Efforts have been made by the institution for providing a healthy environment promoting harmony and tolerance among the students. Right from the enrollment, there is no biasness as the enrollment is purely transparent and is merit based. Moreover, institute provides equal opportunities to the students in various activities conducted throughout the session irrespective of their caste, creed, religion, and region. Different sports and cultural activities organized inside the college promote harmony towards each other. Important days like Women's Day and Yoga Day along with many regional festivals like Janamashtami, Lohri, Eid, Holi, Navratre and Deepawali. This establishes positive interaction among people of different races and cultural backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell and Anti-ragging cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which are followed by each one of them irrespective of their cultural,

regional, linguistic, communal socioeconomic and other diversities. Various cultures are represented during the fests which depict sense of respect towards all the cultures. There is no segregation of students on the basis of their lingual or communal background. Students are safe and secure at the institute, not because of locks, and security guards, but because they know that the institution has physical, emotional, and spiritual safety. Anti-ragging cell acts as a key factor in maintaining tolerance and harmony among students. For the last decade there is not a single incidence of ragging which shows the efficient working of the cell.Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion and regions are studying in the college without any discrimination. https://www.kiet.edu/Activities

Provide Web link to: Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution), any other relevant information

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Education is the key determinant of how the student utilizes the skills imparted for self-centered purposes or also for broader societal & environmental good. Human education facilitates human conduct and the development of humane society, failing which education results in inhuman conduct and degradation of society and environment.In today's scenario, Human Values and Professional Ethics are the perennial streams which alone can stipulate sustenance to the nurturing of the societal values, moral conduct and awareness in young minds and professionals. For every individual, it is a much-needed requirement that cannot be ignored. Value Education (VE) Cell at Institute level is hereby constituted comprising of a Convener, Co-Conveners, Coordinators, Co-Coordinators, members & student coordinators with an objective to familiarize and equip students as well as faculty and staff to the importance and need of values & ethics for development of self & society. We witness the conduct of the students, not only here in the institution, but world-wide. Due to lack of right understanding, we have reached a point where we can clearly see the results of our collective education system adopted in KIET for problems such as pollution and resource depletion. This need for value-based education has been repeatedly highlighted by various commissions and expert committees on education (Dr. Radhakrishnan, Dr. Kothari, UNESCO declaration on service to society and so on).Education should facilitate students to have the understanding, commitment, competence, and the practice of living with definite human conduct and to participate in the development of a humane society.

Human education must enable the student to (in order of priority):

- Develop Right Understanding by sharing the understanding of what to do (Value Education)

- Develop Right Skills by teaching how to do (Technical Education)

- Practice Right living during the period of education. Living in relationship with human being leading to mutual happiness by living in relationship with rest-of-nature leading to mutual prosperity.

Over a period of time, such value-based education can contribute to the development of a humane society. The departments contribute, through Value Education, to the world view that is required for a humane society.

Effects of Value Education on Institute

- Development of right feelings, thought and behavior in faculties, staff and students.

- Development of right understanding free from pressure and affection based on natural acceptance.

- Development of positive relationship among faculty, staff, and student.

- Development of fearless, stressless and congenial environment with right understanding and relationship among administration, faculty, staff, and student in KIET family.

- Elimination of negative,biased, jealousthoughts from Institutional environment with the help of right understanding and relationship.

- Holistic development of students with the help of valued based education and sanskar.

- Development the feeling of co-existence and prosperity among self, family, society, and nature through value-based education

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**

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4. Annual awareness programmes on Code of Conduct are organized

Response: B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

KIET Group of Institutions is committed to promote ethics and values among students and faculty to encourage the same. Institute organizes National festivals as well as Anniversaries for the great Indian Personalities like Teacher's Day: Birthday of Dr. Sarvapalli Radha krishananon on 5th Sep, Engineer's day: The Birth anniversary of Sir M. Visvesvaraya the great Engineer of the country on 15th Sept, International Women's Dayon 8thMarch, International Yoga Dayon 21stJune, Independence Dayon 15thAugust, Republic Day on 26thJan, World Environment Day on 5th June and

Birth and Death of anniversary of great personalities like Mahatma Gandhi on 2ndOct, Dr. B. R. Ambedkar on 14thApril and Maharshi Valmiki Jayanti on 24th Oct.

KIET believes in celebrating these events to promote happiness to our lives and strengthen our sense of community. These events are juncture to educate our stakeholders on issues of domains, to mobilize political and resources to address global problems, and to celebrate and reinforce achievements of humanity.

- 26th January Republic Day – On this Red-Letter Day, the Indian National Congress revealed Purna Swaraj, the declaration of India's independence from the colonial rule. Republic Day signifies the right spirit of Independent and individual India and spread awareness of their duties towards our nation and rights given to them by our constitution. We celebrate this day with several activities proceeded by Flag hoisting and March past.

- 15th August Independence Day - It is celebrated every year on August 15 and marks the end of the British rule in 1947 and the establishment of a free and independent Indian nation. Various cultural activities related to independence movement take place at the institute.

- 5th September (Dr. Sarvpalli Radha Krishnan Birth Anniversary) - To honor the memory of India's first Vice President and to commemorate the importance of teachers in our lives, Teacher's Day is being organized at the institute every year. To encourage faculty members Award facilitation ceremony is the center of attraction on this day and awards are facilitated to faculty members for

achieving a positive and measurable impact through excellence in their field.

- 2nd October Mahatma Gandhi Birth Anniversary - A standout amongst the most mainstream events in India and one of the three national occasions, Gandhi Jayanti is praised in our Institute on 2nd October of consistently to stamp the birth commemoration of Mahatma Gandhi. The day is announced as a national occasion and all institutes and workplaces are closed on this celebration. The standards of truth, peacefulness and trustworthiness are recalled and generally plugged among the students of the institute.

- 31st October Ekta Divas(Birth Anniversary of Sardar Patel) - It is celebrated as National Unity Day. The purpose of celebrating this day is to infuse the young future generation with values integrated with the knowledge and adoration about the country's rich heritage.

- 15th September Engineer's Day (Birth Anniversary of Sir Visvesvaraya) - We celebrate this day as an exceptional tribute to the best Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya.

File Description	Document
Link for Geotagged photographs of some of the events	[View Document](#)
Link for Annual report of the celebrations and commemorative events for the last five years	[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. Title of the Practice: RESEARCH & DEVELOPMENT

A well structured and formulated Research & Development team has been established with a vision to achieve excellence in research and create an outstanding climate of research for the researchers, and broadly enable research advances to meet National & International needs.

1.1 Objectives of the Practice:

The R & D team has been created keeping the following objectives in mind: -

- To motivate faculty members to concentrate on research-related activities like publishing research articles in reputed journals, in addition to teaching.

- To promote research culture in students and faculties.

- To evince interest among the faculty members so that they effort to establish collaborative research projects with their counterparts in reputed National and International Universities.

- To encourage faculty members to submit proposals and secure funded research projects from various funding agencies in India and Abroad.

- To undertake consultancy projects sponsored by the Government as well as the Private, Industrial, and other organizations.

1.2 The context

Research and developmental activities create and disseminate new knowledge in different fields, promotes innovation and motivates better learning and teaching among faculty members and students at our Institute as these are often incorporated in the courses. Research is the foundation of knowledge that brings new energy, builds state of the art facilities, promotes research publications, and develops collaborations. Moreover, there is good evidence that research supports and improves teaching, helps to build excellence in this dimension as well. Research can have salutary effects on faculty members and the nature of their teaching. Students are benefitted in significant ways from having researchers as their instructors. The institution balances the available resources spent, and rewards assigned between research and teaching. This positive view, which has been consistently detected in recent studies, sees the benefits of 'research-led teaching.' In this approach, the experience of the researcher is integrated into teaching.

1.3 The Practice

The research & Development Department operates through a well-drafted policy and team of operatives. All the departments of the institute select a DRC – Departmental Research Committee, which consists of the Head of the Department, a senior Professor, and one/two other faculty members inclined towards research. A follow-up system has been designed to keep tabs on the progress of the DRC every quarter and the progress is reported on an annual basis to the Director of the institute. The faculty who are actively involved are designated as 'Research Faculty' and correspondingly assigned a lesser teaching load in comparison to the other faculty members. Apart from the faculty members, the undergraduate & post-graduate students at KIET Group of Institutions are also motivated to go in for publications/patents/consultancies/projects, etc. Under the research policy, an incentive scheme has also been formulated to promote meaningful research that contributes towards National & International needs. The amount of incentive provided to the researchers depends on the impact factor of the publication and the repute of the publisher. As we are an affiliated institute, it is extremely honorable for us to have been nominated by our affiliating university – AKTU Lucknow to be a Research Centre.https://www.kiet.edu/overview-research, https://www.kiet.edu/aktu-research-centre

Well-documented guidelines have been framed after due deliberations with all the stakeholders towards the conduct of and participation in conferences/seminars/workshops/FDPs, etc., by the faculty members and the students both and assistance in the form of TA/DA/Leaves is provided accordingly. Another feature is our ethics policy and use of 'turnitin' software to minimize plagiarism in any form of publication. All the research faculty have identified their areas of research and put in their well-directed efforts towards making fruitful contributions towards the same. To promote this research culture among the students of final year & pre-final year of KIET, it was also made a part of their internship process that they present a review of at least 10-15 research papers on a topic of their interest by using the resources of My-Loft and Nalanda e-

Consortium that are made available to them.https://www.kiet.edu/Research%20and%20Development%20Policy, https://www.kiet.edu/kiet/assets/pdf/Area-of-Research.pdf

Keeping in view the growing significance of research in the teaching & learning process, and to promote the atmosphere of research among the KIET fraternity, a policy of recognizing notable contributions has been constituted in the form of CV Raman award, which is annually rendered to all the researchers of repute. https://www.kiet.edu/researchers-of-repute

1.4 Evidence of Success

As per the institutional research policy and guidelines laid out thereof, all the faculty members of KIET must continue up-skilling themselves by undergoing FDPs/STCs/STTPs/MOOCs, and publishing papers in SCI/SCOPUS indexed journals with a good impact factor. The facility of NALANDA E-Consortium was provided to students and faculty to access quality research publications and then come up with even better ideas and convert them into fruitful research. AKTU also opened the avenues of research for the students and faculty of their affiliated institutes by launching its My-Loft App which facilitates all researchers by providing free access to international and latest publications.This, along with the incentive scheme, has been able to inspire the KIET fraternity to move progressively in this direction and many accolades have been garnered by the faculty and students of KIET as showcased through the links mentioned below https://www.kiet.edu/funded-r-d-projects-consultancy,   https://www.kiet.edu/research-project-guidance, https://www.kiet.edu/journals,   https://www.kiet.edu/patents,   https://www.kiet.edu/kiet/assets/pdf/KIET-Research-Policy-2018.pdf

1.5 Problems encountered & resources required

The major issue was to motivate the undergraduate students to become a part of this research initiative of the institute, but constant interaction with the post-graduate students and the research faculty of the departments who addressed their concerns and motivated them to at least give it a try brought out some fruitful contributions from these students. Another issue that needed constant attention was a plagiarism checker that could prove to be a useful tool for producing quality research and for this purpose the institute purchased the licensed version of TURNITIN software that proved to be a boon in this direction and assisted the researchers to come out with quality research publications. Many faculty members required a variety of equipment to conduct experiments useful for their research, and this was overcome with the assistance of numerous centers of excellence that have been established in all the departments of the institute. Apart from these centers of excellence, the Technology Business Incubator which has been established in the institute under the aegis of the Department of Science & Technology – Government of India, also assisted the faculty members in equipping them with the tools and equipment required by the faculty members for their research purposes.

1.6 Optional notes

Other institutions could emulate the opening of various centers of excellence and formulate a well-designed research policy for their faculty members and students to point them towards their journey of contributing fruitfully towards the society and the nation by going forth with quality research that not only results in publication but also in patents.

2. Title of the Practice – BEYOND CURRICULUM INITIATIVES

Being an affiliated college to AKTU – Lucknow, we may not have the freedom to design/update the curriculum according to the requirements of the industry so the visionary management of the KIET Group of Institutions has introduced numerous value-added beyond curriculum courses both at the Institute level and at the department level to enhance the employability quotient of the students.

2.1 Objectives of the Practice -

- To equip students with the much-needed domain skills that enable them to become a contributing part of the corporate world.

- To establish among the students the belief that one coding language is a must for everyone and it should be considered equivalent to the acquisition of a third language apart from Hindi & English – for this purpose, the CPP (Computer Programming & Proficiency Cell – has been initiated).

- To equip our students with minor specializations that prepare them to face new and upcoming changes in the professional world.

- To enable the students in the requisite Soft Skills/Transferable Skills to enhance their employability.

2.2 THE CONTEXT: -

The industry is evolving at a rapid pace, and we can already hear from the experts in the corporate world the murmurs of the industry moving from INDUSTRY 4.0 (automation & AI) to INDUSTRY 5.0, with an even more thin line difference between human and machine interaction to enhance the user experience – whether it is any product or service. After duly ascertaining this need by regularly interacting with professionals from the industry the management of our institution decided to establish a whole new vertical in this area – the Skill Development & Finishing School (SD & FS) @ KIET Group of Institutions that plays an instrumental role in increasing the employability quotient of our students.

Although it is an initiative to assist the improvement of the students, yet the main challenge is to motivate the students to become active participants in the process as these are non-credit courses and are being offered to them as a value-adding course apart from the prescribed curriculum of the affiliating university. Wherever possible, some of the minor specializations on offer, by every department, are mapped to some of the elective subjects offered by the university to convert them into credit courses and empower students therein.

2.3 THE PRACTICE: -

After gaining admission into the institute, during the induction/orientation program, all the students are made aware about the variety of beyond curriculum initiatives being practiced for their development so that they may be able to make informed choices about the same.

- After their admission all the first-year students undergo an external party assessment to ascertain their English communication proficiency and the students' falling in the improvement category are trained for a definite number of hours that is counted as a part of their internship.

- The CPP cell ensures that all the students studying in all the streams are exposed to practical aspects of the computer programming languages to ingrain it in all the students like a 3rd language.

- From the 2nd year onwards the choice of minor specializations is opened department wise for the students and they can opt according to their interest area, and the progress of the students in the same is maintained by the SD & FS to ensure that they are on the right path towards progress.

- In the pre-final year, the students are furthered on their minor specialization course and relevant MOOCs associated with these are also prescribed to the students from various platforms like NPTEL, Coursera, edX, Udemy, etc., so that relevant knowledge from the top institutes is combined with the learning imparted by the faculty members of the department/institute.

- The Soft Skills faculty members from the Humanities & Social Sciences department also play a significant role by imparting the AKTU prescribed curriculum in the firstyear (from session 2K20-21 onwards) and train the students on the self-developed modulesin 2nd year & the pre-final year on Soft Skills + Quantitative Aptitude + Verbal Ability to enhance the employability of our students.In their final year all the students who register themselves for campus placements get specialized capsule training according to the need of the specific recruiter under the aegis of the SD & FS.

- The major hurdle that needed to be overcome was inspiring the students to be participative in these non-credit beyond curriculum courses by enhancing their awareness about the recruitment process and its stages adopted by the various recruiters' hiring from our campus, and how this beyond curriculum training will benefit them. This has been mandated by making these value-added sessions as an essential component of the regular timetable and 60% mandated attendance subject-wise as per the institutional academic policy.

One major example of this industry-driven initiative is our 'Centre for Advanced Mechatronics' established in collaboration with Mercedes-Benz India Limited. https://www.kiet.edu/home/adam

Apart from this, to increase the interest and participation of the students the departmental clubs, which are student-driven bodies, also get directly/indirectly involved in these training sessions by organizing various competitive/gamified events, like hackathons, coding challenges, and many more. https://www.kiet.edu/about-humanities-social-science, https://www.kiet.edu/Clubs%20KIET%20Dean%20SW

2.4 Evidence of Success:

Small steps taken in the right direction yield positive results over time and this has been proven by the KIET Group of Institutions. The major accomplishment due to the concerted efforts of the institute in this direction has been a constant increase in the number of job offers for our students from the campus https://www.kiet.edu/placement-records .

2.5 Problems Encountered & Resources Required

The biggest challenge of ensuring students' participation has already been taken due care of by strictly implementing the institutional academic policy and as far as the required resources are concerned – the

faculty members of the Humanities and Social Sciences department, and the faculty members involved in the Skill Development & Finishing School (SDFS) are all in-house resources who arrange for due interaction with alumni and industry personnel as & when required. In-house aptitude and verbal ability faculty members have also been recruited and for conducting some specialized training sessions to enhance the recruitment prospects of our students an out-sourced agency is also made available to the students. https://www.kiet.edu/academic-quality-and-standards

2.6 NOTES:

As it is said that leaders are exemplified when they create other leaders and keeping this in mind, our suggestion to other institutes is that they may also follow this practice if they are able to develop strongly formulated policies and follow these up with a strict implementation strategy that focuses on students' improvement.

File Description	Document
Link for Best practices in the Institutional web site	[View Document](#)
Link for any other relevant information	[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:

'Humble beginnings leading to great outcomes' has been well brought out by the journey of KIET Group of Institutions, which since its inception in 1998 with 180 students has now reached 6000+ students. With a rich alumni base of 15000 + students spread in all the nooks and corners of the world, KIET Group of Institutions is moving efficiently towards its vision of shaping young minds with skill-oriented & value-based education as these alumni serve the dual purpose of mentoring the present students, as well as opening new doors for them. The institute has gained a distinct image as an outstanding educational colossal among technical institutions of Uttar Pradesh, due to its inclination towards innovative and skill-based education. Its consistent belief in 'Achieving High' is aptly reflected in its academics, extracurricular activities, and placements.

It has made an indelible mark in the domains of Engineering, Management & Pharmacy through the consistent efforts of more than 300 highly qualified & experienced faculty imparting erudition to both UG & PG Courses. Apart from being accorded the **NAAC – Grade (A) accreditation till 2021**, most of its programs are **NBA accredited**.

The implementation of the rewards and punishment theory on students leaves an indelible mark on them

and it is operational at all levels of functioning to improve the academic performance of the students, KIET Group of Institutions has a predefined policy of honoring the accolades garnered by its students. Annually, all the branch toppers are felicitated with a scholarship to inspire them to put in their best efforts and inculcate among all the students a healthy spirit of competition towards gaining that recognition.https://www.kiet.edu/overview-student-rewards

Continuing the tradition of **rewarding the top performing students** at the institute at the University level – the top 10 rankers, the management of the institute bestows them with a suitable prize amount in a formal felicitation ceremony.

As English Communication Skills are an essential requirement of enhancing the employability quotient of the professional world and preparing them to meet the requirement of the industry, a third-party diagnostic test (either **CEPT from Cambridge or Versant from Pearson**) and certification is offered to all the students in their pre-final year so that they are ready to accept the challenges that the corporate world throws at them.

Creativity and innovation are highly desirable traits in the budding professionals of tomorrow, so to enhance this particular trait in our students an **'Innovation Centre'** has been set-up to facilitate the students and bring them up to the mark in this trait. It also promotes outcome-based learning as it engages the students in hands-on activities so that they can play a significant role in either product or service development under the able guidance of faculty.https://www.kiet.edu/innovation-center

To foster the spirit of practical experience along with the theoretical knowledge gained in the theory classes and to give an opportunity to the students to utilize their knowledge, the '**Institute Industry Partnership Cell**' under the aegis of the Corporate Relations and Placement Centre, uses the AICTE Internship Policy as a guideline and offers relevant practical exposure to the students through meaningful internship opportunities.https://www.kiet.edu/iipc-overview

Critical Thinking and Problem-Solving Skills of the students also get enhanced when they participate in a variety of technical and non-technical events. To kindle this passion among the students so that they may develop their personality over-all, they are prompted to actively participate in **INNOTECH (tech fest)**, **RANN (sports fest)**, and **EPOQUE (cultural fest)** of the institute. Apart from these fests, student participation in events conducted by other institutions of repute is also promoted and appropriate financial / administrative assistance is provided to all the participants. One major achievement of promoting such activities has been the award-winning performance of the **KIET-SAE Club**: **Team Interstellar - NASA Human Exploration Rover Challenge**. The team has brought laurels to the country by receiving the **2019 AIAA Neil Armstrong Best Design Award** in the global competition named NASA Exploration Rover Challenge organized by NASA Marshall's Space and Flight Center, Huntsville, Alabama, USA held during 11 – 13 April, 2019. https://www.kiet.edu/home/department_wise_club_detail/Ng==/MTU=/student_club

Continuing this trend of inculcating managerial skills in the students there is a plethora of student clubs that hold numerous activities throughout the year to empower the personality of the students and nurture them into contributing professionals of tomorrow. https://www.kiet.edu/Clubs%20KIET%20Dean%20SW

If the students are desirous of participating in conferences, seminars, workshops, etc., held at any institute of repute then apt financial assistance is provided to them and such assistance is also extended to students who are interested in going for international internships under the aegis of the **Career Guidance Centre**

@ **KIET Group of Institutions**. https://www.kiet.edu/career-connect-program

Hand-holding the students during their journey of growth is the hallmark of the KIET Group of Institutions, and to propel themtowards this on their way to learning we have constituted the policy of issuing them the required textbooks through the library book-bank and these books can be retained by the students for the whole semester. This tradition of handholding is extended to them at a personal level as well through an online counseling service provider – **Your Dost** wherein the students can avail expert counseling services available through their portal. The present students can also avail the profit of increasing their network through the **Alma Connect portal**, which assists them in establishing rapport with their alumni, who can then act like mentors towards gaining success. https://www.kiet.edu/kiet-infrastructure, https://www.kiet.edu/health-and-well-being, https://kiet.almaconnect.com/network_details

As the students would be moving on to being professionals in the corporate world, they are also coached on additional skills by their departments and they also undergo a **Soft Skills and Employability Skills** Training program starting from the time they take admission till they gain placements, under the aegis of the **Humanities Department @ KIET Group of Institutions**, to imbibe in them the desirable transferable skills required by the industry. https://www.kiet.edu/about-humanities-social-science.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)
Link for any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

KIET Group of Institutions was established in 1998 by Krishna Charitable Society at (Delhi- NCR, 13 Km Stone, Meerut Road (NH-58)) Ghaziabad. The Institution aims for all-round development of students involving their physical, mental, socio-cultural, spiritual well-being and discipline. The Institute works with individual students to solve their problems related to both academics & personal life through a well-defined mentorship policy and Career Guidance Centre. Special attention is given to students to shape all aspects of their career. The institute focuses on adopting and implementing various quality processes that enable us to meet the requirements for accreditation by various agencies such as NAAC (A++), QS I-Gauge and NBA (for all Programs).

The organization promotes decentralization to conduct smooth and transparent functioning. Governing Council members/management representatives also take a keen interest & participate in important decisions and issues raised by the Directors, Deans & Heads of the Departments based on inputs from faculty members about new strategies and plans. The institute also promotes research culture among the faculty members and students. We are also certified by **Scientific and Industrial Research Organization (SIRO) approved by DSIR, Delhi**. The institute is a **Research Centre for Ph.D., duly approved by AKTU, Lucknow** since 2010 and has highly committed faculty with Research temperament. In our institute, a Technology Business Incubator is established to promote entrepreneurship culture.

Concluding Remarks :

KIET Group of Institutions aligns all its activities to achieve its Vision. The institute ensures effective curriculum delivery to the students. Apart from this, the institute also promotes Industry readiness skills for the students. The institute runs various activities for the placement of the students. Students are also motivated to do MOOC courses from Swayam, Coursera, etc., and earn relevant certifications. The slow learners get special attention from their respective subject teachers, the average learners are given sessions on Soft Skills, and the advanced learners are motivated to participate in conferences & seminars. The institute has adequate infrastructure for teaching and learning activities i.e., ICT enabled Classrooms. During COVID 19, classes were prepared with a camera enabled system for blended learning. The institute also has enough infrastructure to conduct Co-Curricular and Extra-Curricular activities – in the form of 1 auditorium, 3 conference halls, and 3 mini conference halls.

To encourage the financially weaker sector of students to have equal opportunities in education, Govt/non-Govt schemes that provide financial assistance throughout the degree program is facilitated as per the criteria.

To promote quality culture in the institute, IQAC visits are planned at least 2 times in a semester. These reports are analyzed and discussed in IQAC meetings for improvement.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.2	**Number of Add on /Certificate programs offered during the last five years** 1.2.2.1. **How many Add on /Certificate programs are offered within the last 5 years.** Answer before DVV Verification: 	2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
240	183	74	31	12 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
193	157	63	25	11	
1.2.3	**Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years** 1.2.3.1. **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years** Answer before DVV Verification: 	2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
6630	4913	1128	383	500 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
5569	3524	734	224	250	
1.3.2	**Average percentage of courses that include experiential learning through project work/field work/internship during last five years** 1.3.2.1. **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years** Answer before DVV Verification: 	2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
290	295	282	285	285 | Answer After DVV Verification : | 2019-20	2018-19	2017-18	2016-17	2015-16
---	---	---	---	---
51	37	36	36	32	

1.3.3	**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year**
	1.3.3.1. **Number of students undertaking project work/field work / internships** Answer before DVV Verification : 2849 Answer after DVV Verification: 5403
2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**
	2.4.3.1. **Total experience of full-time teachers** Answer before DVV Verification : 2560 Answer after DVV Verification: 2524
3.1.1	**Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)** 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)** Answer before DVV Verification:
3.1.2	**Percentage of teachers recognized as research guides (latest completed academic year)** 3.1.2.1. **Number of teachers recognized as research guides** Answer before DVV Verification : 153 Answer after DVV Verification: 16
3.1.3	**Percentage of departments having Research projects funded by government and non government agencies during the last five years** 3.1.3.1. **Number of departments having Research projects funded by government and non-government agencies during the last five years** Answer before DVV Verification:

For 3.1.1.1 — Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
128.3	53.7	16.35	15.38	1.5

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
44.01	13.16	21	0.80	0

For 3.1.3.1 — Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
6	4	6	3	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
6	4	6	3	0

3.1.3.2. **Number of departments offering academic programes**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
10	10	10	10	10

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
10	10	10	10	10

Remark : Input edited w.r.t. 3.1.1 metric.

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
37	54	56	75	28

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
33	48	53	74	27

Remark : Input edited as per the clarification document.

3.3.1	**Number of Ph.Ds registered per eligible teacher during the last five years**

3.3.1.1. **How many Ph.Ds registered per eligible teacher within last five years**
Answer before DVV Verification : 55
Answer after DVV Verification: 53

3.3.1.2. **Number of teachers recognized as guides during the last five years**
Answer before DVV Verification : 33
Answer after DVV Verification: 32

3.3.2	**Number of research papers per teachers in the Journals notified on UGC website during the last five years**

3.3.2.1. **Number of research papers in the Journals notified on UGC website during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
200	120	62	65	38

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
173	98	45	44	28

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

3.3.3.1. **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:

2019-20	2018-19	2017-18	2016-17	2015-16
183	75	43	40	22

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
23	3	3	0	1

Remark : Input edited as per the document provided by HEI. Only ISBN numbers are considered with respect to academic session.

3.4.2	**Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years**

3.4.2.1. **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
6	2	2	3	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1	0	0	1	0

| 3.4.3 | **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years** |

3.4.3.1. **Number of extension and outreached Programmes 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:

2019-20	2018-19	2017-18	2016-17	2015-16
62	18	16	20	4

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
56	12	14	16	4

| 3.4.4 | **Average percentage of students participating in extension activities at 3.4.3. above during last five years** |

3.4.4.1. **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2411	550	406	362	90

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2136	375	371	314	90

| 3.5.1 | **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year** |

3.5.1.1. **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	0	0	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16

0	1	0	0	0

3.5.2	**Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years**
	
	   3.5.2.1. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years
	      Answer before DVV Verification:

<table>
<tr><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr>
<tr><td>13</td><td>17</td><td>1</td><td>3</td><td>1</td></tr>
</table>

Answer After DVV Verification :

<table>
<tr><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr>
<tr><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td></tr>
</table>

4.1.3	**Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.** *(Data for the latest completed academic year)*
	
	   4.1.3.1. Number of classrooms and seminar halls with ICT facilities
	   Answer before DVV Verification : 104
	   Answer after DVV Verification: 76
	
	Remark : Input edited as per the geotagged photos provided by HEI.

4.2.2	**The institution has subscription for the following e-resources**
	
	   1. **e-journals**
	   2. **e-ShodhSindhu**
	   3. **Shodhganga Membership**
	   4. **e-books**
	   5. **Databases**
	   6. **Remote access to e-resources**
	
	   Answer before DVV Verification : A. Any 4 or more of the above
	   Answer After DVV Verification: A. Any 4 or more of the above

4.2.3	**Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**
	
	   4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)
	   Answer before DVV Verification:

<table>
<tr><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr>
<tr><td>88.94</td><td>49.37</td><td>72.95</td><td>51.24</td><td>65.75</td></tr>
</table>

	Answer After DVV Verification :				
	2019-20	2018-19	2017-18	2016-17	2015-16
	88.94	49.37	72.95	51.24	65.75

4.2.4	**Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year**
	4.2.4.1. Number of teachers and students using library per day over last one year Answer before DVV Verification : 451 Answer after DVV Verification: 405

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

 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)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1595.51	1604.50	1335.83	1224.68	1233.58

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1577.37	1578.78	1312.5	1210.32	1221.53

Remark : Input edited as per the audited statement provided by HEI.

5.1.1	**Average percentage of students benefited by scholarships and freeships provided by the Government during last five years**

 5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1633	1262	1674	2039	1310

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1633	1262	1674	2039	1310

| 5.1.2 | **Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years** |

5.1.2.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
880	2333	2161	2082	1805

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
792	2313	2142	2062	1785

| 5.1.4 | **Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years** |

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
504	458	1112	59	104

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
406	338	1112	59	104

Remark : Input edited as per the clarification document provided by HEI.

| 5.2.3 | **Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)** |

5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations*, etc.*)) year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
66	56	77	73	88

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
66	62	12	56	82

5.2.3.2. **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**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
334	292	406	402	487

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
334	292	406	402	487

Remark : Input edited as per the qualifying certificates.

5.3.1	**Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**

5.3.1.1. 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) year-wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
58	17	15	10	5

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
56	20	15	10	5

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

5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
87	83	58	38	41

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
8	6	7	7	3

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
62	62	84	89	84

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
51	49	074	73	68

Remark : Amount of support received to the teacher mentioned in list does not match with audited statement.

6.3.3 | **Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
28	9	5	6	9

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
28	1	1	4	3

Remark : Input edited as per the clarification document provided by HEI.

6.3.4 | **Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes,**

Orientation / Induction Programmes, Refresher Course, Short Term Course).

6.3.4.1. Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
186	205	207	219	143

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
186	205	207	219	143

6.4.2	**Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)**

6.4.2.1. Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
12.00	20.66	22.33	2.90	0.10

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

6.5.3	**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 intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: A. All of the above

7.1.4	**Water conservation facilities available in the Institution:**

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**

	5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above
7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:** 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions / awards** 5. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above
7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.** 2. **Divyangjan friendly washrooms** 3. **Signage including tactile path, lights, display boards and signposts** 4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment** 5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above
7.1.10	**The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.** 1. **The Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : Input edited as per the clarification document.

2.Extended Profile Deviations

ID	Extended Questions
1.3	**Number of outgoing / final year students year-wise during last five years** Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16

| 1373 | 1409 | 1345 | 1376 | 1401 |

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1460	1487	1434	1454	1569

2.1	**Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
337	295	290	295	286

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
317	282	286	291	259

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