YEARLY STATUS REPORT - 2020-2021

Part A
Data of the Institution

1.Name of the Institution	KPR Institute of Engineering and Technology
• Name of the Head of the institution	Dr.M.Akila
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	0422 2635600
• Alternate phone No.	0422 2635603
• Mobile No. (Principal)	0 9750944277
• Registered e-mail ID (Principal)	principal@kpriet.ac.in
• Address	KPR Institute of Engineering and Technology
• City/Town	Arasur, Coimbatore
• State/UT	Tamilnadu
• Pin Code	641 407
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	05/08/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.J.Karpagam**
• Phone No.	**04222635681**
• Mobile No:	**9688999111**
• IQAC e-mail ID	**iqac@kpriet.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://kpriet.ac.in/pdf/naac/Aqar_2019-20.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.kpriet.ac.in/accreditation/naac/ayc

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.08**	**2016**	**29/03/2016**	**31/12/2024**

6.Date of Establishment of IQAC	**25/02/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Chemistry	**EMEQ Project**	**SERB-DST**	**24/10/2018**	**2575000**
Civil	**MODROB**	**AICTE**	**20/07/2020**	**1509000**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**4**

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

• The faculty members are motivated to prepare video and more online lectures for enhancing Teaching Learning process for improved learning outcomes. • Participation in NIRF ranking, ARIIA and other competitions. • The faculty members facilitated to attend faculty development training programmes and workshops in reputed organizations with financial support. • Students and faculty members are encouraged to undergo internship and also participate in intercollegiate competitions.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

02-06-2022 02:59:37

Plan of Action	Achievements/Outcomes
Improving Industry Institute Interactions	106 faculty members have undergone Internships at various Industries to bridge the gap between practical and theoretical learning. Around 26 faculty members have been resource persons at various institutions. Further, 11 Consultancies and 18 MoUs have been initiated this year.
Strengthening of Teaching Learning Process	KPRIET encouraged the students to take up the SWAYAM - NPTEL courses. Based on the performance of the students and faculty members in the exam, SWAYAM - NPTEL recognize the intuition with "A" rating and also "Best Faculty Performance" award for the calendar year 2021.
Conducting Additional courses for Students	The Departments have been offering a total of 18 Value Added Courses for skill development in various thrust areas. A few are Artificial intelligence and Machine learning Training by Xebia academy, IC design on FPGA, Android APP development, Fusion 360, Revit Architecture, RHCSA Training, Basics of Blockchain, Language Proficiency, LABVIEW Programming, Verilog Programming and Hindi, Japanese and German Language Course.
Motivating faculty members to publish the research articles in high impact factor journals.	468 papers have been published in national and International journals with the impact factor ranging From 0.5 to 8.5.
Organizing conference / workshops / FDP in every	All the departments have organised workshop / seminar/

academic year.	STTP and FDP through the grants received from AICTE, CSIR and DST etc.
Strengthening of Placement training	Career development cell organizes various training sessions for the benefit of the students to achieve better placement with higher package. 619 students are placed in various core and IT industries.
Facilitating faculty members and Research Scholars to obtain patents	94 patents has been published
International Collaborations	The institute is associated with Foreign Universities for exchange programs all along and this year a team of students from Otago Polytechnic, New Zealand, were enlightened about the cutting -edge technology and the cultural heritage of Tamil Nadu. Further, a team of students will be travelling to Middlesex University, Dubai, during March for a period of 5 days. 5 Incredible Initiatives have been taken by the Placement and IIPC cells to enhance the skills and employability of the students. 90% of students have been placed in various reputed companies like Think and Learn, TCS, Hexaware, Zoho, HP, Amazon and so on.

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council Meeting	28/04/2022

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

- Year

Year	Date of Submission
24/02/2020	**25/02/2022**

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

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

2.Student

2.1 Total number of students during the year:	**3076**

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

2.2 Number of outgoing / final year students during the year:	**797**

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

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**3071**

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

3.Academic	
3.1 Number of courses in all programmes during the year:	**515**

File Description	Documents
Institutional Data in Prescribed Format	View File

| 3.2

 Number of full-time teachers during the year: | **242** |

File Description	Documents
Institutional Data in Prescribed Format	View File

| 3.3

 Number of sanctioned posts for the year: | **242** |

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**583**
4.2 Total number of Classrooms and Seminar halls	**96**
4.3 Total number of computers on campus for academic purposes	**1050**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**444.00**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific

Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

- KPRIET is committed to provide holistic and need-based education for all the students. The college has adopted learner-centred approach to cater to the educational needs. To bridge the gap between education and employability, the college keenly tracks the indispensable job-related knowledge and skills required for employment and incorporate the same in the curriculum at regular intervals. Programme Outcomes, Programme Specific Outcomes, and Course Outcomes are designed based on the needs identified. Curriculum has been mapped with the vision and mission of the institution and that of the department following the standards set by the AICTE/ UGC/Anna University, suggestions offered by Governing Body, Academic Council, Programme Advisory Committee, Standing Committee and Board of Studies are incorporated.

Salient features of curriculum at KPRIET:

- One-credit industry-oriented courses are offered by experts from industry to improve the skill set of the students. One-credit Liberal-Arts courses are offered by the centre for Liberal Arts Courses to prepare students to reckon with a broad variety of lived experiences. Industrial Training / Internship is a mandatory credit course carried out preferably in an industry or in R & D organization for a minimum period of four weeks during winter / summer vacation.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.kpriet.ac.in/student-services/cfac

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

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

515

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

515

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

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

1.3 - Curriculum Enrichment

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

KPRIET curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

Gender:

Various activities such as orientation programmes for first year students, women empowerment programmes and counselling activities are being conducted to address the gender based issues and to inculcate human values.

Environment and Sustainability:

Environmental Science is a mandatory course in all the undergraduate programmes. Apart from this, courses on Environment Impact Assessment, Environment Quality Monitoring, Environmental Audit, Water Management, Green Buildings, Disaster Management, Environment and Agriculture, Renewable Energy Sources, Electric vehicles, Irrigation Engineering, Air pollution and Management, etc. and several others address the issues related to Environment and Sustainability.

Human Values and Professional Ethics:

Course on Ethics and Holistic Life is mandatory for all the undergraduate students. In addition to this, other courses such as Principles of Management, Total Quality Management are incorporated in the curriculum of relevant programmes. Topics on manners and etiquettes are covered in courses related to soft skills.

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

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

18

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

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

634

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

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

1324

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained   **A. All 4 of the above**

**from 1) Students 2) Teachers 3) Employers
and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1e7NVs2FtCBt9rg2-yDkLrkSxstgEdx0M/view?usp=sharing
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1Rw5KNM6fSry26EafRoIweUDaXL2e-Phk/view?usp=sharing
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

909

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

524

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Methodologies to Support Slow Learners and Encouragement for Advanced Learners:

During the course of academic progress, learners are categorized into slow learners and advanced learners. Activities to upgrade their technical competency for slow learners is considered as thrust area.

1. **The institute follows mentor mentee system, which effectively counsels the students to develop their personal, interpersonal and professional skills.**
2. **Candidates securing less than 50% in the Continuous Internal Assessment Test (CIAT) are identified as slow learners.**
3. **Regular counseling and special coaching classes are provided for their continuous improvement in academics.**
4. **The causes for the poor performance in the academics are identified and counseling is provided by the mentors. The deviations are analyzed and overcome by providing special coaching like solving additional tutorial problems, providing case study and extra classes.**
5. **Advanced learners are involved in peer to peer learning and motivated with higher level of activities / participation in co-curricular activities and register forUPSC examcoachingto zenith in their career.**
6. **Student's performance in the following categories are also recognizedduring annual day;**
   - **Semester academic toppers**
   - **Publication of paper in conferences and journals**
   - **Prize / Participation in state and national level competitions**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1OeGNoV3tT6h Ev-ccKcdFaZWwZ9rmwDue/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2020	3076	224

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

KPR Institute of Engineering and Technology has designed the curriculum for each department by a perfect blend of inputs from academicians and industry experts. To make every graduating student academically excellent, our institution paves student-centric platforms for them such as experiential learning, participative learning, blended learning, eclectic method, flipped classroom, kinesthetic learning, expeditionary learning, inquiry based learning and activity based teaching and learning.

The Center for Teaching Innovation and Excellence (CFTIE) along with Centre for Academic Courses (CFAC) effectively facilitates the teaching and learning process with recent trends and innovative pedagogies, techniques and approaches. The implementation of novel methodologies and tools inside the classroom like eclectic method of teaching, Matlab, Nearpod, teaching through multimedia, etc are providing a comfortable environment to the students for participatory and active learning.

In order to create a flexible learning environment, a blended mode of teaching and learning has been implemented inside the classroom. They have been learning at their own pace. An example of such activity is demonstrated by a video on "peer learning', where students work in groups to solve problems.

File Description	Documents
Upload any additional information	[View File]()
Link for additional Information	[https://youtu.be/q5U71RdDxak]()

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

KPRIET effectively use ICT enabled tools and online resources to attain effectiveness in the teaching and learning process. The laboratories, Seminar Halls, Auditorium, and Conference Rooms are well equipped with ICT facilities. Smart Classrooms or technology enhanced classrooms in our institution plays a significant role in encouraging and providing opportunities for teaching and learning by integrating learning technology, such as Google classroom, Google meet – online teaching, LMS, various software, Google quiz, MOOCs, MATLAB, Near pod, Zoom, etc. CFTIE was developed to meet the learning needs of the students by making the teachers implement the new methodologies, pedagogies, techniques and approaches in their respective field. The video lectures were created by the faculty members as per the instructions by the center by using MATLAB for iterative analysis and design processes with a programming language that expresses matrix and array mathematics directly. Online resources like E-Books, E-Content, YouTube, Presentation Tools, Websites, Multimedia learning materials were effectively and efficiently used to attain excellence in the teaching and learning process by using the extraordinary digital infrastructure provided by the college. In the month of August 2021, KPRIET received the QS - I-GAUGE E-LEAD E – Learning Excellence for Academic Digitization certificate.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	[https://www.kpriet.ac.in/cftie]()
Upload any additional information	[View File]()

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

2.3.3.1 - Number of mentors

224

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation of Academic Calendars:

Head-CFAC prepares the Academic Calendar of the College in consultation with the Principal and HoDs, 15 days prior to the commencement of the semester. A series of meetings are conducted prior to the preparation of the academic calendar to finalize various activities for the year.

Adherence to Academic Calendar:

All activities are conducted by the respective HoDs /Heads (Various centres / committees / Clubs) / Controller of Examinations as per the academic calendar. Head of the Department and Principal are vested with the authority to seek any clarification from any of the functionaries in the process and suggest any modification at any point in the process and the required modifications made thereby need to be incorporated into the approved plan by the respective members of faculty.

Teaching Plans:

In KPRIET, the Course plans are prepared by the course coordinator at the beginning of the semester and uploaded in the Learning Management Software (LMS) / Google Class Room. Students can view the plan and prepare accordingly. The course plan contains the Unit number, topic name, number of hours, teaching methodology and date.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

224

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

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

92

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

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

4.16

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

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

20

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

211

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

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

IT integration

Campus Management Software (CMS) an Enterprise Resource Planning (ERP) software is built with modules on Curriculum, Time Table, Attendance, Examination System and ResultProcessing which includes all the examination processes like Nominal Roll Generation, Course Registration under CBCS, Continuous Internal Assessment marks capturing and calculation, Exam Application Generation, Exam Fees Collection, e-Hall Ticket Generation, Results Releasing and Revaluation Process. The End Semester Examination Results are released through the Web Portal of the College intimated through a circular and also through SMS.

Reforms in the examination procedures and processes

1. **QP Pattern (R2021):Introduction of Objective Type Questions, Fill-up the blanks type of questions, Match the following type of questions facilitates the students to face the competitive exams with high level of confidence.**
2. **Exam Wrapper:Feedback on corrected Answer script is collected during the Exam Wrapper. After declaration of results, the**

candidates are allowed to review their performance by seeing his/her answer script. If any discrepancy with regard to unvalued answers or total mistakes raised by the candidates, is found to be genuine by the course coordinator, it will be recommended for revaluation/retotaling approval to the COE office, on the request of the students in the prescribed format.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.kpriet.ac.in/exams

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The process for disseminating POs, PSOs, and COs to teachers and students is multi-dimensional, multi-point, and multi-faceted. The Institute website provides the complete details of POs, PSOs, and COs for all programmes to students, faculty, and other stakeholders (www.kpriet.ac.in). PEOs (Program Educational Objectives) are broad statements that describe graduates' career accomplishments three to five years after graduation. Program Outcomes (POs) are aligned with NBA's Graduate Attributes, whereas Program Specific Outcomes (PSOs) are unique and pertinent to that programme. The course outcomes are clear statements that indicate the essential and long-lasting disciplinary knowledge and abilities that students should possess, as well as the degree of learning that is expected at the end of the course.The PEOs, POs and PSOs are disseminated through ;

1. College web site : www.kpriet.ac.in
2. Curriculum and Syllabi book
3. Observationand Record note books
4. Display boards in Departments and laboratories
5. Laboratory manuals
6. Department News letters
7. Event Brochures
8. Institute News letters
9. Parents Intimation letters
10. First year Induction Programme

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.kpriet.ac.in/accreditation/naac/po

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

Attainment of Course Outcomes:

COs are assigned to individual courses according to the assessment pattern. The marks obtained by the students in direct evaluation methods are used to compute CO. Every course coordinator sets a target that is approved by ateam of faculty members, Programme Coordinator and HoD. The CO attainment is calculated for Continuous Assessment and End Semester examination separately. 50 % weightage of Internal and End semester examination is used for CO-PO attainment of the particular course.

Attainment of Program Outcomes:

Curriculum is used to achieve the Program Outcomes (POs) and Program Specific Outcomes (PSOs). The achievement of the POs is assessed using both direct and indirect measures. All POs are appropriately handled for direct attainment through the selection of courses and associated COs. The actual attainment of POs is assessed and determined the team, and target levels of attainment of POs are defined. Program exit surveys, alumni surveys, and employer surveys are some of the indirect ways used to calculate POs. The attainment gap is identified and measures are taken to improve attainment in the following academic year. On the basis of recommendations, additional efforts are performed each year to improve PO accomplishment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1vYQI-zExGj_xD3QOVvGMkuZ66k746P1N/view?usp=sharing

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

790

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1YizStnbqtdRdGjJInMdvpz6PaTH4WfOR/view?usp=sharing

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://kpriet.ac.in/accreditation/naac/s3

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

KPR Institute of Engineering and Technology (KPRIET) is committed to promote Research & Development (R&D) in the fields of Science and Technology and aspires to be a Centre of excellence for R&D and technology transfer.

KPRIET shall,

- **establish a Centre for Research and Development (CFRD) to assist researchers and manage research programs**
- **develop framework and guidelines for research and development activities**
- **create an enabling environment to foster research culture among the faculty and researchers**
- **identify socially relevant thrust areas of research and support researchers in securing funds from various**

central/state governments and non-governmental bodies, establishing related research programs and research infrastructure
- forge interdisciplinary collaborations and partnerships with research laboratories, scientists, and eminent researchers nationally and globally
- ensure scientific publications in reputed/ refereed journals and to obtain research grants and funds
- advise and support researchers to protect the intellectual property rights through filing of patents, copy rights, trademarks, etc.
- encourage outstanding faculty and researchers with due recognitions and rewards to promote excellence in R&D.
- initiate and nurture the development of novel researches, products and projects through seed funding
- attract full-time research scholars by providing Institutional Research Fellowships

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://kpriet.ac.in/research/policy
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.95

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

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

4

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

15.09

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

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1M-CCHz16UEU_RVbqp7uIAd3FJc0Dxfbq/view?usp=sharing
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

51

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/1M-CCHz16UEU_RVbqp7uIAd3FJc0Dxfbq/view?usp=sharing
Any additional information	View File

3.3 - Innovation Ecosystem

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

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED)

The vision of CIIED is to create a world class, self-sustaining business incubation centre and innovation ecosystem. CIIED is

committed to nurture and support creativity, innovation and entrepreneurship for establishment and growth of technology, to meet the social obligations and economic growth of the community

The objectives of CIIED includes:

- To create Entrepreneur centric system
- To Spirit of innovation, collaboration and entrepreneurship
- To support and accelerate the development of innovations into prototype products with emphasis on societal impact and market demand

Centre for Intellectual Property Rights

- IP of the Institute held either in the name of KPRIET or jointly with other Institutions/Industry will be marketed for commercial exploitation under agreements involving technology transfer, licensing and revenue sharing models.
- In case of joint ownership, the Organization/Industry which has sponsored the activity, will have the first right to commercially utilize and exploit IP emanating from the collaboration activity, whether or not the same have been formally protected by patent(s).
- In the event of the other collaborating organization/industry not undertaking the commercial exploitation within a reasonable period of two years from the first date of development of the technology.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.kpriet.ac.in/student-services/ciied

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

98

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://www.kpriet.ac.in/research
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

468

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

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

52

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/research/publications

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

3.4.5.1 - Total number of Citations in Scopus during the year

3710

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

33

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

9.81

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

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

1.6

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

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

Programmes during the AY 2020 –21

Care for the Public event at Rasipalayam village NSS and SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers

and Hand wash soap solutions for localities and sanitary workers at Rasipalayam village on 22.08.2020 and 28.08.2020.

Care for the Public event at Masagoundenchettipalayam village

UBA, NSS and SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions for localities and sanitary workers at Masagoundenchettipalayam village on 26.08.2020. Care for the Public event at Kaduvettipalayam Village UBA, SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions for localities and sanitary workers at Kaduvettipalayam village on 05.09.2020. Care for the Public at Siddhapudur NSS and SAP Volunteers and Alumni of KPR under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions in association with the Local counselor Corporation of Siddhapudur, Ward 51 for localities and sanitary workers on 08.09.2020.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://kpriet.ac.in/community-services

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

20

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1800

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

186

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

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

18

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

KPRIET campus is 66 acres with well developed and modern infrastructure. It is fortified with advanced a facility that enables the learners to experience the new era of learning. The campus infrastructure is well organized into two categories as learning resources and support facilities. It includes the resources such as Wi-Fi enabled class rooms, conference halls and modernized laboratories.The later includes the hostel, centre of excellence, cafeteria, seminar halls and sports complex.

Class Rooms: the institute comprehends surplus number of well-furnished class rooms with ICT tools required for effective teaching learning process. The class rooms are enabled with Wi-Fi connectivity and internet access.

Laboratories: KPRIET has modernized well equipped laboratories with state-of-the-art equipment and facilities. All laboratories are established as per AICTE and Anna University standards. These laboratories are utilized to impart skill-based training to the students and to develop innovative products. Laboratories are equipped with latest software tools to cater the requirement of the curriculum and incubate an industry ready engineer.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 550 mbps. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels.

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

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

KPR Institute of Engineering and Technology has excellent state-of-the-art infrastructure for sports and provides professional coaching in sports to students. KPRIET has a newly constructed indoor auditorium for shuttle badminton. In addition to this, the KPRIET has the facilities like 400m Athletic Standard Track, Badminton

Court (Indoor), Ball Badminton Court, Cricket Nets, Gym (Indoor), Kabaddi Court with Mat Mud Court, Tennis Court, Table Tennis Court (Indoor), etc., with total area of 398583 Sq.m.

Fitness Centre at KPR Institute of Engineering and Technology

The on-campus facility is open to all staff and students. A separate fitness centre is also available for women.

Fitness Studio Equipment are ;

Adjustable abdominal bench, Abdominal oblique crunch, American plates, American dumbbells, Box rod, Battle rope, Cable crossover, Chest press - round pipe, Decline bench press, Double colour rubber coated kettlebell, Flip tyre machine, Gym ball imported, Hanging punching bag, Incline level row, Incline bench press, Lat pull / seated row, Leg extension / leg curl, Leg press / hack squat, Multi press, Multi adjustable bench, Multi-functional rig, Medicine ball, Olympic flat bench, Olympic rods, Pectoral fly / rear deltoid, Roman chair, Smith without counterweight, Squat rack, Shoulder press etc.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.kpriet.ac.in/facility

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

96

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

131.56

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The Central Library at KPRIET is acting as the Centre for Learning Resources which is functioning with the following state-of-the-art facilities to cater the needs and offer the best services to meet the academic requirements of both faculty and students.

All in-house operations and services of the library have been automated. The essential functions such as Acquisition, Cataloguing, Circulation and Online Public Access Catalogue (OPAC) of the library is dynamic, operational, and accessible over the intranet.The usersID cards are enabledwith barcode which eases the gate entry, books transactions and reaching out the required resources including book and reference searches.

Softwares used and IP based resources available on the library automation and digital library system are:

CAMPUS SOFTWARE:

  1. **Library Automation software: Prime (Campus software)**
       1. **E-gate**
       2. **Circulation (Books – Issue, Return, Renewal)**
       3. **OPAC online book search**

URL: http://erp.kpriet.ac.in:8181/erpoperations/opac.aspx

  1. **Statistical Report**

DIGITAL LIBRARY:

  1. **Greenstone Digital library open source software - URL:172.168.40.250**
  2. **E-Books: Calibre -Open-Source eBooks software - URL: http://192.168.40.246:8080/**
  3. **NPTEL VIDEOS - URL:https://172.168.40.248/localGuru**

4. SICENCE DIRECT - URL: https://www.sciencedirect.com/
5. DELNET - URL:https://www.delnet.in/overview.html
6. McGraw-Hill - URLhttp://mcgrawhilleducation.pdn.ipublishcentral.com/
7. Pearson education - URL:https://elibrary.in.pearson.com/

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

21.29

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

45

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

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

KPR Institute of Engineering and Technology (KPRIET) is committed to provide Information Technology (IT) infrastructure and support to relevant all stakeholders(faculty, staff, researchers, and students)for effectively delivering their academic, research and administrative duties

KPRIET strives to upgrade and maintain its IT infrastructure and support services on par with international standards

KPRIET undertakes to ensure responsible, ethical, and legally compliant use of IT infrastructure, software packages and applications by its stakeholders

KPRIET commits to undertake proactive measures to mitigate security threats on its IT infrastructure.

KPRIET shall,

- **provide IT Infrastructure and quality services to the fullest satisfaction of its stakeholders**
- **make available licensed software packages that support teaching-learning and research and development activities**
- **organize awareness programs on the acceptable use and data protection from security threats for all stakeholders**
- **establish, implement, and periodically update guidelines/rules and regulations for legal and acceptable use of IT infrastructure and software by its stakeholders**
- **upgrade the computing and network devices with the latest technologies**
- **ensure protection of IT assets from unauthorized use by its stakeholders or public**
- **provide network security to all the network infrastructures**
- **monitor continuously for new cyber security threats and take proactive measures**

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3076	**1050**

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

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://don.kpriet.ac.in/moodle/
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

312.44

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

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

Laboratory :The laboratories are updated with equipment and latest facilities to meet the curriculum and research requirements. The facilities are maintained in working status contiguous spaces that include computer laboratories, instruments write up spaces, office areas and other spaces with of chemical and hazards, systematic preventive and planned maintenance schedules are strictly adhered.

Library :The library facilities are strengthened every year through continuous procurement. The procurement process includes the mechanism by obtaining feedback from the departments and the faculty members on purchase of titles and volumes of the books.

Sports Centre : An excellent infrastructure for sports and games are provided in the campus. The facilities maintained include synthetic shuttle courts, badminton courts, concrete basketball courts, football field, volley ball courts and athletic track and a fitness center..

Computers :The institute has a separate ITSIM wing to maintain the computers and internet facility.System maintenance team comprising of Professor Incharge, System Administrator and a strong technical team are available to maintain the systems in the campus.

Support Facilities :A fully functional health center with a doctor and a residential nurse is in place to offer medical care for minor ailments and first aid. Ambulance service is available in the campus.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1642

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

1210

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

A. All of the above

File Description	Documents
Link to Institutional website	https://drive.google.com/file/d/1uTjFV4vlfnK6opD7AsJuHtw-bwczqg_h/view?usp=sharing
Details of capability development and schemes	View File
Any additional information	View File

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

2027

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

619

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

47

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

19

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

22

File Description	Documents
e-copies of award letters and certificates	[View File]()
Any additional information	[View File]()

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The committees in which students play an active role are listed below:

The Student Councils organize an array of academic and extracurricular activities, which not only foster the development among students but also cultivate a sense of leadership and discipline. It facilitates several activities and events conducted for the welfare of students that help students shape themselves as professionals with a variety of interpersonal skills.

Students represent in Board of Studies and give their suggestions pertaining to curriculum and syllabus. All programmes have class committee for each class that comprise of student members and discuss on all aspects of the programme and respective course.

Each department has its own technical association and organizes technical events like, symposium, contests and poster design, paper and project presentation. The institution has seventeen professional society chapters at department and institute level such as IEEE, ISTE, IETE, SAE, ICI and BMESI.

Students council has organized two events during this year Ignitrron and Sangamam. Ignitrron 2020 a two day national level fest which was fully organized by students of professional societies. Sangamam is a cultural event which nourishes the talents of diverse nature, provide a conducive environment for showcasing potentials and enhance professional and personal growth.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.kpriet.ac.in/sa

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

182

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

5.4 - Alumni Engagement

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

Main objectives are;

• To bring the Alumni under one platform for exchange of experience, dissemination of knowledge and talents amongst its members and also for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country.

• To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with faculty, non-teaching staff and students.

• To create and establish Alumni endowments for granting scholarships, prizes and medals to the students with high proficiency in studies and honor former students of the Institute.

• To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and there by promote the welfare and status of the Institute.

• To collect funds by contributions, donations and gifts from members, non-members, Governments, Universities and other institutions and philanthropists for furtherance of the above objectives.

•To render scholarship to deserving alumni in cases of extreme compassionate circumstances.

• To bring out magazines, souvenirs and newsletters highlighting the activities of the Institute and its Alumni.

- **To conduct Alumni Day celebration every year.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://kpriet.almaconnect.com/

5.4.2 - Alumni's financial contribution during the year   **E. <2 Lakhs**

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

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

KPR Institute of Engineering and Technology, one of India's premier institutes in Engineering and Technology is established in the year 2009. The governance of the institution through the Governing Council chaired by the Managing Trustee is reflective of an effective leadership. The members of the Governing Council apart from the nominees of the University Grants Commission, State Government and the Affiliating University and from industries. Two faculty members from the institution represent the academic fraternity in the Governing Council. The Governing Council meets once in a year. The Principal as the Member Secretary presents the agenda and notes covering the milestones, achievements and challenges. The suggestions from the members are adopted into the system focusing on the continuous growth and development. The academic council chaired by the Principal meets twice in a year. The members of the council include professionals in addition to the chairpersons of all the Boards of Studies. The Governance of the institution with the participation of the stake holders of the system, Management, faculty, students and parents is reflective of an effective leadership in tune with the vision and the mission of the institution, providing engineering solutions for excelling in personality and character practising ethical values.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.kpriet.ac.in/statutory-committee

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

The institute has been practicing a clearly defined, decentralized and participatory management system for a decade. It has a well/designed structure to smoothly perform academic, financial, general administrative tasks, etc. Intensive proposals are made in all committees and appropriate decisions are made and continuously monitored by the Apex team consists of Principal and HoDs.

The two major areas which are decentralized are

- **Industry Institute Partnership Cell (IIPC)**
- **Delegation of financial powers**

Industry Institute Partnership Cell,the individual departmentsorganizes various Guest Lectures, Seminars and Workshops by inviting Industry Experts, Academicians and Alumni to gain more practical knowledge and learn new techniques to expose to the students. As the outcome of these industry/academia activities, the department of Electrical and Electronics Engineering awarded as Best Industry Linked department by AICTE-CII survey in the year 2020-21.

Each department has the liberty and responsibility to propose and recommend their budget and budgets are approved after a careful discussion. The imprest money is provided to the heads of every department to meet out all contingency expenditure. The Chairman and the Board of Trustees review the functioning of the Institution regularly extending their guidance and support.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.kpriet.ac.in/statutory-committee

6.2 - Strategy Development and Deployment

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

Teaching and Learning

Qualified and committed teachers are the core of our system. Stateoftheart infrastructure, viz. laboratories, computers, audiovisuals, prototypes and models are provided. At best, the use of new technologies in education is prioritized to make teaching and learning highly effective and enjoyable. Innovative practices, blended learning, ICT/based learning are practiced. A well/documented academic process is maintained and the same is monitored by team IQAC.

Examination and Evaluation

The examination and evaluation process are managed by the central examination office under the supervision of Controller of Examiner. The questionnaires are prepared by guidelines of the Revised Bloom's Taxonomy and scrutinized by heads and the IQAC member. A committee for the transfer of results is made up of the Principal, department heads and a member of Anna University and approves the results. There is a documented procedure for redressing a student's complaint.

Research and Development (R&D)

A separate center for R&D is established in the institution andheaded by Director, Research. Research infrastructure such as special laboratories, The college has a well laid policy for providing seed money for projects, providing incentives for publications and research grants received. International and National level conferences are organized regularly.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1GaxTOWLZYRf HFDpBcbpzkZ7nQlPA6c47/view?usp=sharing
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the

policies, administrative set-up, appointment and service rules, procedures, etc.

The institute functions under the KPR CHARITIES. The Governing body, standing committee and advisory council work under the head of the institution. These three committees make policy and strategy implementation mechanisms of the institute. Also, we have 53 non-statutory committee to support academic and non-academic activities.The employees and students can present their views and ideas to the management at any time.

Promotion of an employee is from the present position to next higher position with more responsibilities or requiring more skill. Promotions are based on merit, performance and qualifications for the higher position. Any applicable pay rise on promotion will be decided by the Principal and the Management. Employees are encouraged to apply for any higher position for which they qualify. Faculty desiring of promotion to a higher post needs to appear for presentation with necessary proof for claim in front of the Appraisal Committee appointed by the Management through Head of the Department and the Principal, and only on the recommendations of the Appraisal Committee he /she will be considered for promotion.

The detailed rules, procedures, recruitment and promotional policies are explained in the HR Manual and the same is disseminated through institute website.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drive.google.com/file/d/1Yfc93qc9BOI nAwLDxShBs2YFHVRcPBX1/view?usp=sharing
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1Mm8-nu_3GMG zUre_6UHlhQm6hy5qiEay/view

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching Faculty

- Incentives for Research, Consultancy and Publishing Patents
- Incentives for text/hand books and Articles in reputed National Newspapers / Magazines
- Percentage of share for Funded Research Projects from Govt. Organizations, R & D Organizations, Industry, University and approved Non- Govt. organizations.
- Seed Money from the Management for Innovation and Product development
- Percentage of share for Consultancy Work and Testing services
- Sabbatical Leave to the faculty members in order to enable them to update their knowledge and experience.
- TA & DA allowance for faculty members for attending self/supported FDP / Workshop / Seminar
- Compensation Leave given for those who work at college or for any official work outside on holidays
- Award is given for Best faculty, Best faculty mentor and Best Researcher.

Non-Teaching Staff

- TA & DA allowance for non/teaching members for attending self/supported FDP / Workshop / Seminar
- Motivation to pursue higher studies and periodical training to improve their skills.

- Award is given for Best staff
- Daily refreshments have been give to given to staff

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1Mm8-nu_3GMGzUre_6UHlhQm6hy5qiEay/view

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

50

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

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

40

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

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

465

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The internal and external audits are regularly conducted. The internal audit is conducted quarterly by the managementappointed team of auditors and the audit reports are submitted for the external audit. The external audit is an annual audit. The audited statements of accounts are presented to the finance committee and the Governing Council. The expenses made from the various grants received from Central, State governments and other funding agencies under various schemes including R&D projects and Funding Sponsored Programme are audited by the Chartered Accountant appointed by the college and relevant Utilization certificate duly signed by the Principal and the Chartered Accountant are sent to the authority concerned.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1twNkEF6Emc9 FoxXrGIP7R79MNbDqNop5/view?usp=sharing

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.5

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

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

The institution is mobilizing funds and using optimum resources of the fund effectively throughout the years. For the mobilisation of finances and resources, the Institute maintains and executes a well-planned approach. Various institute committees, as well as department heads and the accounting office, are involved in the process. The Institute has established some precise guidelines for the use of the funds and resources. The student tuition fees are the primary source of revenue for the institute. The hostel fee and transport fee are collected from students and used for operations and maintenance of hostel and transport.

Various government and non-government organisations fund are used for organizing seminars and other activities. Alumni support to the institute by raising donations for needy people. Individual and corporate sponsorships are sought for cultural events and festivals. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC of the institution is taking lot of initiatives for

institutionalizing the quality assurance strategies for the uniformly visible incremental improvement across all the departments. It significantly contributes in quality maintenance, quality enhancement and quality sustenance of the institution. 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.

Post Accreditation Initiatives

Autonomous status has been received in the year 2019, the curriculum and syllabi is framed with the inputs from the industry experts and academia. The CBCS is being introduced from the R2019 regulations. Choice based Credit Systems (CBCS) and need based curriculum were introduced to meet the changing needs of the industry.

Online Teaching Learning has been implemented during COVID-19, through different platforms like Zoom, Google classroom and institute's LMS (DON – Data On Net). Institute prepared quickly on various indicators such as student-faculty engagement, innovative learning management system and virtual sessions during a world-wide lockdown. The e-Learning platform provided to the students for the year June 2020- May 2021 qualified the Institute for QS I-GAUGE- E-Learning Excellence for Academic Digitization (E-LEAD) certification.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The prime objective of IQAC is to improve the academic and administrative performance of the institution and observe the teaching-learning process. To maintain high-quality standards, the team of IQAC members visit various departments twice in a semester for audit. The report is discussed and analyzed in IQAC meeting and finally it is sent to the concerned department. The improvements are suggested wherever required in order to improve the contents for a better teaching methodology and improved outcomes At the end of each academic session, IQAC also initiated a feedback process which aims

in incorporating the suggestions and recommendation.

The format of course plan for various category of courses like Theory, Theory integrated with laboratory and laboratory courses are designed by IQAC team. The faculty members prepare the course plan and lecture notes of their respective course before the commencement of the classes.

Continuous Internal Assessment Test (CIAT) are conducted at regular intervals for each semester. Once the Exam cell receives the question paper from the respective departments, a team of senior faculty members constituted by the IQAC scrutinize question paper for adherence to the norms of revised blooms taxonomy thus resulting in a relevant mapping to the prescribed course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/cftie

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://kpriet.ac.in/iqac
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

UN Women: In the year 2010, the United Nations General Assembly created UN Women, for Gender Equality and the Empowerment of Women, to accelerating the Organization's goals on gender equality and the empowerment of women which focused exclusively on gender equality and women's empowerment helping Women to lead, participate in and benefit equally from governance systems.

Global Fund for Women: Global Fund for Women was founded in 1987 with a vision for a world where movements for gender justice have transformed power and privilege for a few into equity and equality for all. It aims for women to realize their rights, set out in the Universal Declaration of Human Rights for essential for women's equality.

Beti Bachao Beti Padhao: This is a scheme from Government of India that aims to generate awareness and improve the efficiency of welfare services intended for girls in India.

Sukanya Samridhi Yojana: This scheme is promoted by the Government of India backed saving scheme targeted at the parents of girl children in the year 2015. The scheme encourages parents to build a fund for the future education and marriage expenses for their female child by the Ministry of Women and Child Development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://kpriet.ac.in/pdf/policy/Gender%20Equality%20Policy.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant   Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

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

It will be mandatory on the part of the Head of the department/ Principle Investigator (Project)/ in-charge (Animal House) to report changes/additions in hazardous waste generation and steps taken to reduce generation of waste per unit of production. As per the Hazardous Waste regulations, University can store hazardous waste for a period not exceeding 90 days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes unless the concerned State Pollution Control Board has extended the stipulated period. The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus or incinerated, as proposed in the waste hierarchy list. Shall achieve these objectives by:

1. Waste avoidance and waste minimization at source
2. Reuse, recovery and recycling of non-hazardous waste
3. Safe disposal of hazardous waste
4. Setting up of common Treatment, Storage and Disposal Facilities
5. Safe handling and storage of wastes on campus
6. Providing appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Efforts to handle Cultural diversity

KPRIET accommodates the culturally diversified students by encouraging the exchange of cross-cultural ideas and celebration of the festivals of different culture.

Efforts to handle Regional diversity

Apart from various districts of Tamil Nadu, the institute has got students from the other states of India like Telangana, Andhra Pradesh and Kerala. The students of all regions are provided with equal chances to participate in the co-curricular and extra-curricular activities.

Efforts to handle Linguistic diversity

English is utilised as a medium of teaching in all the classrooms to bridge the gap between the region-specific teaching and the expectations of the students and faculty of the other states.

Efforts to handle Communal diversity

The students and the faculty of all the communities and religions are a part of this temple of learning which shows that the institute strives to provide conducive environment for all.

Efforts to handle Socioeconomic diversity

The students from the rural areas and from the poor family to rich study in the institute. To overcome the socioeconomic barriers, the institute has facilitated the students to receive the scholarships and awards from state and central governments.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The values are inculcated through courses in the curriculum, namely Value Education, Yoga & Values for Holistic Development, Universal Human Values, Understanding Harmony and Professional Ethics & Human values.

Environmental awareness programs - Guest lectures, rally, competition, planting trees, campus cleaning, plastic usage awareness programs.

Health awareness programs to general public - Marathons of 3 & 5 km named as "Fit India Freedom Run 2.0"

Camps for enrolment of voter ID for the students who turned 18, correction of voter ID and training to students to enroll for voter ID through online so that they can help others are organized to make the students to be aware of their rights and duties.

Village adoption programs under NSS have provided platform to understand the live hood of village and made our students to understand their responsibilities.

During natural disasters, students are permitted to collect funds/ materials and distribute them to the affected people (Rain affected areas in Cuddalore, Chennai / Corona period).

A few department students have visited orphanage and old age homes and provided the fund which they collect from faculty, staff and students.

Independence Day & Republic Day are celebrated to create awareness among the students about our Constitution, freedom struggle and our nation's history.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

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

KPR Institute of Engineering and Technology (KPRIET) provides outstanding supports towards celebrating national and international commemorative days, events, and festivals. 17 clubs are active in KPRIET for the benefit of students' community. These clubs and cells join together and celebrate various events; for example, National-level events such as Independence Day, Republic Day, Teacher's Day, Gandhi Jayanti, Swami Vivekananda Jayanti, National Voters Day, Constitution Day, Engineers Day, Armed Forces Flag Day, Parakram Diwas, Swachhata Pakhwada, Dengue Awareness Day, NSS Day, NCC Day, Eye Donation Week and so on like World Health Day, International Yoga Day, International Women's Day, World Environment Day, Science Day, IPR Day, World Youth Day, World Consumer Day, World Water Day, World Population Day and so on. Further, regional festivals like Thai Pongal, Mattu Pongal (Thamizhar Thirunal Festival) are also celebrated. KPRIET contributes huge resources in terms of manpower, money, facilities and material for celebrating above kinds of events. National events such as Republic day and Independence Day aid to increase the unity among the students, promote the feelings of pride of our own country, which helps to raise the patriotic spirit among young minds.

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

7.2 - Best Practices

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

The institute has constituted an office under the name Centre for Teaching Innovation and Excellence (CFTIE) to develop innovative pedagogies for powerful learning. Institute prepared quickly on various indicators such as student-faculty engagement, innovative learning management system and virtual sessions during a world-wide lockdown due to COVID-19. The e-Learning platformprovided to the students for the year June 2020- May 2021 qualified the Institute for QS I-GAUGE- E-Learning Excellence for Academic Digitization (E-LEAD) certification. Uninterrupted online teaching learning process was highly beneficial for the students. The faculty members were interactive and the quality of online teaching was as good as experienced in regular offline classes. ICT tools were used effectively, appropriate videos and animations are used to deliberate the content and additional topics related to modern trends were covered during online teaching. Analytical papers were handled well by the faculty. The institute has collaborated with Taylor's University, Malaysia for a Design Thinking Course for the benefit of first year students and faculty members. DATA on NET (DoN) software being launched to use extensively in the institute. Data privacy and cyber security is ensured in the campus by installing antivirus software.

File Description	Documents
Best practices in the Institutional website	https://www.kpriet.ac.in/accreditation/naac/best-practices
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

1. **Quality education is ensured to the students with outcome-based education system and close interaction with the industries. Institute is guiding the students towards an informed carrier choice and honing their carrier skills to achieve their goals. The students and faculty members are utilizing the facilities at different National/International industries and R&D organizations for internships, projects and**

higher studies as a result of MoUs created by the institute. Student Enrichment Programs, International Guest Lectures, International Alumni Chapter, International Higher Education Conclave, On-the-spot Scholarship Assessment and Registration program etc.

2. First generation female students benefitted through our institute, student access measures, available senior female academicians, number of women receiving degrees and women's progress measures were the exceptional aspects considered for THE Ranking in gender equality.

3. Financial support provided to the stakeholders in several aspects including scholarships and anti-poverty programs.

4. The "wealth from waste" principle is practiced substantially in the sewage management.

5. KPRIET is concerned in educating its stakeholders as well as community regarding United Nation's SDGs through different programs.

6. KPRIET proudly presented SDGs on Affordable and Clean Energy (7),Industry Innovation and Infrastructure (9) and Climate Action (13)in the IGEN-Green9 SDG Conclave 2020.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

- **KPRIET is committed to provide holistic and need-based education for all the students. The college has adopted learner-centred approach to cater to the educational needs. To bridge the gap between education and employability, the college keenly tracks the indispensable job-related knowledge and skills required for employment and incorporate the same in the curriculum at regular intervals. Programme Outcomes, Programme Specific Outcomes, and Course Outcomes are designed based on the needs identified. Curriculum has been mapped with the vision and mission of the institution and that of the department following the standards set by the AICTE/ UGC/Anna University, suggestions offered by Governing Body, Academic Council, Programme Advisory Committee, Standing Committee and Board of Studies are incorporated.**

Salient features of curriculum at KPRIET:

- **One-credit industry-oriented courses are offered by experts from industry to improve the skill set of the students. One-credit Liberal-Arts courses are offered by the centre for Liberal Arts Courses to prepare students to reckon with a broad variety of lived experiences. Industrial Training / Internship is a mandatory credit course carried out preferably in an industry or in R & D organization for a minimum period of four weeks during winter / summer vacation.**

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://www.kpriet.ac.in/student-services/cfac

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

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

515

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

515

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

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

1.3 - Curriculum Enrichment

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

KPRIET curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

Gender:

Various activities such as orientation programmes for first year students, women empowerment programmes and counselling activities are being conducted to address the gender based issues and to inculcate human values.

Environment and Sustainability:

Environmental Science is a mandatory course in all the undergraduate programmes. Apart from this, courses on Environment Impact Assessment, Environment Quality Monitoring, Environmental Audit, Water Management, Green Buildings, Disaster Management, Environment and Agriculture, Renewable Energy Sources, Electric vehicles, Irrigation Engineering, Air pollution and Management, etc. and several others address the issues related to Environment and Sustainability.

Human Values and Professional Ethics:

Course on Ethics and Holistic Life is mandatory for all the undergraduate students. In addition to this, other courses such as Principles of Management, Total Quality Management are incorporated in the curriculum of relevant programmes. Topics on

manners and etiquettes are covered in courses related to soft skills.

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

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

18

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

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

634

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

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

1324

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1e7NVs2FtCBt9rg2-yDkLrkSxstgEdx0M/view?usp=sharing
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1Rw5KNM6fSry26EafRoIweUDaXL2e-Phk/view?usp=sharing
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

909

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as

per the reservation policy during the year (exclusive of supernumerary seats)

524

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Methodologies to Support Slow Learners and Encouragement for Advanced Learners:

During the course of academic progress, learners are categorized into slow learners and advanced learners. Activities to upgrade their technical competency for slow learners is considered as thrust area.

1. **The institute follows mentor mentee system, which effectively counsels the students to develop their personal, interpersonal and professional skills.**
2. **Candidates securing less than 50% in the Continuous Internal Assessment Test (CIAT) are identified as slow learners.**
3. **Regular counseling and special coaching classes are provided for their continuous improvement in academics.**
4. **The causes for the poor performance in the academics are identified and counseling is provided by the mentors. The deviations are analyzed and overcome by providing special coaching like solving additional tutorial problems, providing case study and extra classes.**
5. **Advanced learners are involved in peer to peer learning and motivated with higher level of activities / participation in co-curricular activities and register forUPSC examcoachingto zenith in their career.**
6. **Student's performance in the following categories are also recognizedduring annual day;**
   - **Semester academic toppers**
   - **Publication of paper in conferences and journals**
   - **Prize / Participation in state and national level competitions**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1OeGNoV3tT6hEv-ccKcdFaZWwZ9rmwDue/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2020	3076	224

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

KPR Institute of Engineering and Technology has designed the curriculum for each department by a perfect blend of inputs from academicians and industry experts. To make every graduating student academically excellent, our institution paves student-centric platforms for them such as experiential learning, participative learning, blended learning, eclectic method, flipped classroom, kinesthetic learning, expeditionary learning, inquiry based learning and activity based teaching and learning.

The Center for Teaching Innovation and Excellence (CFTIE) along with Centre for Academic Courses (CFAC) effectively facilitates the teaching and learning process with recent trends and innovative pedagogies, techniques and approaches. The implementation of novel methodologies and tools inside the classroom like eclectic method of teaching, Matlab, Nearpod, teaching through multimedia, etc are providing a comfortable environment to the students for participatory and active learning.

In order to create a flexible learning environment, a blended mode of teaching and learning has been implemented inside the classroom. They have been learning at their own pace. An example of such activity is demonstrated by a video on "peer learning',

where students work in groups to solve problems.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://youtu.be/q5U71RdDxak

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

KPRIET effectively use ICT enabled tools and online resources to attain effectiveness in the teaching and learning process. The laboratories, Seminar Halls, Auditorium, and Conference Rooms are well equipped with ICT facilities. Smart Classrooms or technology enhanced classrooms in our institution plays a significant role in encouraging and providing opportunities for teaching and learning by integrating learning technology, such as Google classroom, Google meet – online teaching, LMS, various software, Google quiz, MOOCs, MATLAB, Near pod, Zoom, etc. CFTIE was developed to meet the learning needs of the students by making the teachers implement the new methodologies, pedagogies, techniques and approaches in their respective field. The video lectures were created by the faculty members as per the instructions by the center by using MATLAB for iterative analysis and design processes with a programming language that expresses matrix and array mathematics directly. Online resources like E-Books, E-Content, YouTube, Presentation Tools, Websites, Multimedia learning materials were effectively and efficiently used to attain excellence in the teaching and learning process by using the extraordinary digital infrastructure provided by the college. In the month of August 2021, KPRIET received the QS - I-GAUGE E-LEAD E – Learning Excellence for Academic Digitization certificate.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.kpriet.ac.in/cftie
Upload any additional information	[View File](#)

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

2.3.3.1 - Number of mentors

224

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation of Academic Calendars:

Head-CFAC prepares the Academic Calendar of the College in consultation with the Principal and HoDs, 15 days prior to the commencement of the semester. A series of meetings are conducted prior to the preparation of the academic calendar to finalize various activities for the year.

Adherence to Academic Calendar:

All activities are conducted by the respective HoDs /Heads (Various centres / committees / Clubs) / Controller of Examinations as per the academic calendar. Head of the Department and Principal are vested with the authority to seek any clarification from any of the functionaries in the process and suggest any modification at any point in the process and the required modifications made thereby need to be incorporated into the approved plan by the respective members of faculty.

Teaching Plans:

In KPRIET, the Course plans are prepared by the course coordinator at the beginning of the semester and uploaded in the Learning Management Software (LMS) / Google Class Room. Students can view the plan and prepare accordingly. The course plan contains the Unit number, topic name, number of hours, teaching methodology and date.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

224

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	**No File Uploaded**

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

92

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	**No File Uploaded**

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

4.16

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

20

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	[View File](#)
Any additional information	[View File](#)

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

211

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

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

IT integration

Campus Management Software (CMS) an Enterprise Resource Planning (ERP) software is built with modules on Curriculum, Time Table, Attendance, Examination System and ResultProcessing which includes all the examination processes like Nominal Roll Generation, Course Registration under CBCS, Continuous Internal Assessment marks capturing and calculation, Exam Application Generation, Exam Fees Collection, e-Hall Ticket Generation, Results Releasing and Revaluation Process. The End Semester Examination Results are released through the Web Portal of the College intimated through a circular and also through SMS.

Reforms in the examination procedures and processes

1. **QP Pattern (R2021):Introduction of Objective Type Questions, Fill-up the blanks type of questions, Match the following type of questions facilitates the students to face the competitive exams with high level of confidence.**
2. **Exam Wrapper:Feedback on corrected Answer script is collected during the Exam Wrapper. After declaration of results, the candidates are allowed to review their performance by seeing his/her answer script. If any discrepancy with regard to unvalued answers or total mistakes raised by the candidates, is found to be genuine by the course coordinator, it will be recommended for revaluation/retotaling approval to the COE office, on the request of the students in the prescribed format.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://www.kpriet.ac.in/exams

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The process for disseminating POs, PSOs, and COs to teachers and students is multi-dimensional, multi-point, and multi-faceted. The Institute website provides the complete details of POs, PSOs, and COs for all programmes to students, faculty, and other stakeholders (www.kpriet.ac.in). PEOs (Program Educational Objectives) are broad statements that describe graduates' career accomplishments three to five years after graduation. Program Outcomes (POs) are aligned with NBA's Graduate Attributes, whereas Program Specific Outcomes (PSOs) are unique and pertinent to that programme. The course outcomes are clear statements that indicate the essential and long-lasting disciplinary knowledge and abilities that students should possess, as well as the degree of learning that is expected at the end of the course.The PEOs, POs and PSOs are disseminated through ;

1. **College web site : www.kpriet.ac.in**
2. **Curriculum and Syllabi book**
3. **Observationand Record note books**
4. **Display boards in Departments and laboratories**
5. **Laboratory manuals**
6. **Department News letters**

7. Event Brochures
8. Institute News letters
9. Parents Intimation letters
10. First year Induction Programme

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.kpriet.ac.in/accreditation/naac/po

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

Attainment of Course Outcomes:

COs are assigned to individual courses according to the assessment pattern. The marks obtained by the students in direct evaluation methods are used to compute CO. Every course coordinator sets a target that is approved by ateam of faculty members, Programme Coordinator and HoD. The CO attainment is calculated for Continuous Assessment and End Semester examination separately. 50 % weightage of Internal and End semester examination is used for CO-PO attainment of the particular course.

Attainment of Program Outcomes:

Curriculum is used to achieve the Program Outcomes (POs) and Program Specific Outcomes (PSOs). The achievement of the POs is assessed using both direct and indirect measures. All POs are appropriately handled for direct attainment through the selection of courses and associated COs. The actual attainment of POs is assessed and determined the team, and target levels of attainment of POs are defined. Program exit surveys, alumni surveys, and employer surveys are some of the indirect ways used to calculate POs. The attainment gap is identified and measures are taken to improve attainment in the following academic year. On the basis of recommendations, additional efforts are performed each year to improve PO accomplishment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1vYQI-zExGj_xD3QOVvGMkuZ66k746P1N/view?usp=sharing

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

790

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1YizStnbqtdRdGjJInMdvpz6PaTH4WfOR/view?usp=sharing

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://kpriet.ac.in/accreditation/naac/s3

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

KPR Institute of Engineering and Technology (KPRIET) is committed to promote Research & Development (R&D) in the fields of Science and Technology and aspires to be a Centre of excellence for R&D and technology transfer.

KPRIET shall,

- **establish a Centre for Research and Development (CFRD) to assist researchers and manage research programs**
- **develop framework and guidelines for research and development activities**
- **create an enabling environment to foster research culture among the faculty and researchers**
- **identify socially relevant thrust areas of research and support researchers in securing funds from various central/state governments and non-governmental bodies, establishing related research programs and research infrastructure**
- **forge interdisciplinary collaborations and partnerships with research laboratories, scientists, and eminent researchers nationally and globally**
- **ensure scientific publications in reputed/ refereed journals and to obtain research grants and funds**
- **advise and support researchers to protect the intellectual property rights through filing of patents, copy rights, trademarks, etc.**
- **encourage outstanding faculty and researchers with due recognitions and rewards to promote excellence in R&D.**
- **initiate and nurture the development of novel researches, products and projects through seed funding**
- **attract full-time research scholars by providing Institutional Research Fellowships**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://kpriet.ac.in/research/policy
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.95

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

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

4

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

15.09

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

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drive.google.com/file/d/1M-CCHz16U EU_RVbqp7uIAd3FJc0Dxfbq/view?usp=sharing
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

51

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	[View File](#)
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://drive.google.com/file/d/1M-CCHz16U EU_RVbqp7uIAd3FJc0Dxfbq/view?usp=sharing
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

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

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED)

The vision of CIIED is to create a world class, self-sustaining

business incubation centre and innovation ecosystem. CIIED is committed to nurture and support creativity, innovation and entrepreneurship for establishment and growth of technology, to meet the social obligations and economic growth of the community

The objectives of CIIED includes:

- To create Entrepreneur centric system
- To Spirit of innovation, collaboration and entrepreneurship
- To support and accelerate the development of innovations into prototype products with emphasis on societal impact and market demand

Centre for Intellectual Property Rights

- IP of the Institute held either in the name of KPRIET or jointly with other Institutions/Industry will be marketed for commercial exploitation under agreements involving technology transfer, licensing and revenue sharing models.
- In case of joint ownership, the Organization/Industry which has sponsored the activity, will have the first right to commercially utilize and exploit IP emanating from the collaboration activity, whether or not the same have been formally protected by patent(s).
- In the event of the other collaborating organization/industry not undertaking the commercial exploitation within a reasonable period of two years from the first date of development of the technology.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/student-services/ciied

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

98

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://www.kpriet.ac.in/research
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

```
468
```

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

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

```
52
```

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/research/publications

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

3.4.5.1 - Total number of Citations in Scopus during the year

```
3710
```

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

```
33
```

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

9.81

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

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

1.6

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	[View File](#)
List of facilities and staff available for undertaking consultancy	[View File](#)
Any additional information	**No File Uploaded**

3.6 - Extension Activities

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

Programmes during the AY 2020 –21

Care for the Public event at Rasipalayam village NSS and SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions for localities and sanitary workers at Rasipalayam village on 22.08.2020 and 28.08.2020.

Care for the Public event at Masagoundenchettipalayam village

UBA, NSS and SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions for localities and sanitary workers at Masagoundenchettipalayam village on 26.08.2020. Care for the Public event at Kaduvettipalayam Village UBA, SAP Volunteers of KPR Institute of Engineering and Technology under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions for localities and sanitary workers at Kaduvettipalayam village on 05.09.2020. Care for the Public at Siddhapudur NSS and SAP Volunteers and Alumni of KPR under the banner of "Care for the Public", donated Face masks, Hand sanitizers and Hand wash soap solutions in association with the Local counselor Corporation of Siddhapudur, Ward 51 for localities and sanitary workers on 08.09.2020.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://kpriet.ac.in/community-services

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	**No File Uploaded**

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

20

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1800

File Description	Documents
Reports of the events	[View File](#)
Any additional information	**No File Uploaded**

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

186

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

18

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

KPRIET campus is 66 acres with well developed and modern infrastructure. It is fortified with advanced a facility that enables the learners to experience the new era of learning. The campus infrastructure is well organized into two categories as learning resources and support facilities. It includes the resources such as Wi-Fi enabled class rooms, conference halls and modernized laboratories.The later includes the hostel, centre of excellence, cafeteria, seminar halls and sports complex.

Class Rooms: the institute comprehends surplus number of well-furnished class rooms with ICT tools required for effective teaching learning process. The class rooms are enabled with Wi-Fi connectivity and internet access.

Laboratories: KPRIET has modernized well equipped laboratories with state-of-the-art equipment and facilities. All laboratories are established as per AICTE and Anna University standards. These laboratories are utilized to impart skill-based training to the students and to develop innovative products. Laboratories are equipped with latest software tools to cater the requirement of the curriculum and incubate an industry ready engineer.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 550 mbps. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/facility

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

KPR Institute of Engineering and Technology has excellent state-of-the-art infrastructure for sports and provides professional coaching in sports to students. KPRIET has a newly constructed indoor auditorium for shuttle badminton. In addition to this, the KPRIET has the facilities like 400m Athletic Standard Track, Badminton Court (Indoor), Ball Badminton Court, Cricket Nets, Gym (Indoor), Kabaddi Court with Mat Mud Court, Tennis Court, Table Tennis Court (Indoor), etc., with total area of 398583 Sq.m.

Fitness Centre at KPR Institute of Engineering and Technology

The on-campus facility is open to all staff and students. A separate fitness centre is also available for women.

Fitness Studio Equipment are ;

Adjustable abdominal bench, Abdominal oblique crunch, American plates, American dumbbells, Box rod, Battle rope, Cable crossover, Chest press - round pipe, Decline bench press, Double colour rubber coated kettlebell, Flip tyre machine, Gym ball imported, Hanging punching bag, Incline level row, Incline bench press, Lat pull / seated row, Leg extension / leg curl, Leg press / hack squat, Multi press, Multi adjustable bench, Multi-functional rig, Medicine ball, Olympic flat bench, Olympic rods, Pectoral fly / rear deltoid, Roman chair, Smith without counterweight, Squat rack, Shoulder press etc.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.kpriet.ac.in/facility

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

96

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

131.56

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The Central Library at KPRIET is acting as the Centre for Learning Resources which is functioning with the following state-of-the-art facilities to cater the needs and offer the best services to meet the academic requirements of both faculty and students.

All in-house operations and services of the library have been automated. The essential functions such as Acquisition, Cataloguing, Circulation and Online Public Access Catalogue (OPAC) of the library is dynamic, operational, and accessible over the intranet.The usersID cards are enabledwith barcode which eases the gate entry, books transactions and reaching out the required resources including book and reference searches.

Softwares used and IP based resources available on the library automation and digital library system are:

```
CAMPUS SOFTWARE:

  1. Library Automation software: Prime (Campus software)
       1. E-gate
       2. Circulation (Books - Issue, Return, Renewal)
       3. OPAC online book search

URL: http://erp.kpriet.ac.in:8181/erpoperations/opac.aspx

  1. Statistical Report

DIGITAL LIBRARY:

  1. Greenstone Digital library open source software -
     URL:172.168.40.250
  2. E-Books: Calibre -Open-Source eBooks software - URL:
     http://192.168.40.246:8080/
  3. NPTEL VIDEOS - URL:https://172.168.40.248/localGuru
  4. SICENCE DIRECT - URL: https://www.sciencedirect.com/
  5. DELNET - URL:https://www.delnet.in/overview.html
  6. McGraw-Hill -
     URLhttp://mcgrawhilleducation.pdn.ipublishcentral.com/
  7. Pearson education - URL:https://elibrary.in.pearson.com/
```

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals

during the year (INR in lakhs)

21.29

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

45

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

4.3 - IT Infrastructure

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

KPR Institute of Engineering and Technology (KPRIET) is committed to provide Information Technology (IT) infrastructure and support to relevant all stakeholders(faculty, staff, researchers, and students)for effectively delivering their academic, research and administrative duties

KPRIET strives to upgrade and maintain its IT infrastructure and support services on par with international standards

KPRIET undertakes to ensure responsible, ethical, and legally compliant use of IT infrastructure, software packages and applications by its stakeholders

KPRIET commits to undertake proactive measures to mitigate security threats on its IT infrastructure.

KPRIET shall,

- provide IT Infrastructure and quality services to the fullest satisfaction of its stakeholders
- make available licensed software packages that support teaching-learning and research and development activities
- organize awareness programs on the acceptable use and data protection from security threats for all stakeholders
- establish, implement, and periodically update guidelines/rules and regulations for legal and acceptable use of IT infrastructure and software by its stakeholders
- upgrade the computing and network devices with the latest technologies
- ensure protection of IT assets from unauthorized use by its stakeholders or public
- provide network security to all the network infrastructures
- monitor continuously for new cyber security threats and take proactive measures

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3076	1050

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

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content	A. All four of the above

development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://don.kpriet.ac.in/moodle/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

312.44

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

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

Laboratory :The laboratories are updated with equipment and latest facilities to meet the curriculum and research requirements. The facilities are maintained in working status contiguous spaces that include computer laboratories, instruments write up spaces, office areas and other spaces with of chemical and hazards, systematic preventive and planned maintenance schedules are strictly adhered.

Library :The library facilities are strengthened every year through continuous procurement. The procurement process includes the mechanism by obtaining feedback from the departments and the faculty members on purchase of titles and volumes of the books.

Sports Centre : An excellent infrastructure for sports and games are provided in the campus. The facilities maintained include synthetic shuttle courts, badminton courts, concrete basketball

courts, football field, volley ball courts and athletic track and a fitness center..

Computers :The institute has a separate ITSIM wing to maintain the computers and internet facility.System maintenance team comprising of Professor Incharge, System Administrator and a strong technical team are available to maintain the systems in the campus.

Support Facilities :A fully functional health center with a doctor and a residential nurse is in place to offer medical care for minor ailments and first aid. Ambulance service is available in the campus.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1642

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

1210

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://drive.google.com/file/d/1uTjFV4vlf nK6opD7AsJuHtw-bwczqg_h/view?usp=sharing
Details of capability development and schemes	View File
Any additional information	View File

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

2027

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

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

A. All of the above

grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

619

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

47

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

19

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The committees in which students play an active role are listed below:

The Student Councils organize an array of academic and extracurricular activities, which not only foster the development among students but also cultivate a sense of leadership and discipline. It facilitates several activities and events conducted for the welfare of students that help students shape themselves as professionals with a variety of interpersonal skills.

Students represent in Board of Studies and give their suggestions pertaining to curriculum and syllabus. All programmes have class committee for each class that comprise of student members and discuss on all aspects of the programme and respective course.

Each department has its own technical association and organizes technical events like, symposium, contests and poster design, paper and project presentation. The institution has seventeen professional society chapters at department and institute level such as IEEE, ISTE, IETE, SAE, ICI and BMESI.

Students council has organized two events during this year Ignitrron and Sangamam. Ignitrron 2020 a two day national level fest which was fully organized by students of professional societies. Sangamam is a cultural event which nourishes the talents of diverse nature, provide a conducive environment for showcasing potentials and enhance professional and personal growth.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.kpriet.ac.in/sa

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

182

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

5.4 - Alumni Engagement

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

Main objectives are;

• To bring the Alumni under one platform for exchange of experience, dissemination of knowledge and talents amongst its members and also for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country.

• To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with faculty, non-teaching staff and students.

• To create and establish Alumni endowments for granting scholarships, prizes and medals to the students with high

proficiency in studies and honor former students of the Institute.

• To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and there by promote the welfare and status of the Institute.

• To collect funds by contributions, donations and gifts from members, non-members, Governments, Universities and other institutions and philanthropists for furtherance of the above objectives.

•To render scholarship to deserving alumni in cases of extreme compassionate circumstances.

• To bring out magazines, souvenirs and newsletters highlighting the activities of the Institute and its Alumni.

• To conduct Alumni Day celebration every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kpriet.almaconnect.com/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

KPR Institute of Engineering and Technology, one of India's premier institutes in Engineering and Technology is established in the year 2009. The governance of the institution through the Governing Council chaired by the Managing Trustee is reflective

of an effective leadership. The members of the Governing Council apart from the nominees of the University Grants Commission, State Government and the Affiliating University and from industries. Two faculty members from the institution represent the academic fraternity in the Governing Council. The Governing Council meets once in a year. The Principal as the Member Secretary presents the agenda and notes covering the milestones, achievements and challenges. The suggestions from the members are adopted into the system focusing on the continuous growth and development. The academic council chaired by the Principal meets twice in a year. The members of the council include professionals in addition to the chairpersons of all the Boards of Studies. The Governance of the institution with the participation of the stake holders of the system, Management, faculty, students and parents is reflective of an effective leadership in tune with the vision and the mission of the institution, providing engineering solutions for excelling in personality and character practising ethical values.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.kpriet.ac.in/statutory-committee

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

The institute has been practicing a clearly defined, decentralized and participatory management system for a decade. It has a well/designed structure to smoothly perform academic, financial, general administrative tasks, etc. Intensive proposals are made in all committees and appropriate decisions are made and continuously monitored by the Apex team consists of Principal and HoDs.

The two major areas which are decentralized are

- Industry Institute Partnership Cell (IIPC)
- Delegation of financial powers

Industry Institute Partnership Cell,the individual departmentsorganizes various Guest Lectures, Seminars and Workshops by inviting Industry Experts, Academicians and Alumni

to gain more practical knowledge and learn new techniques to expose to the students. As the outcome of these industry/academia activities, the department of Electrical and Electronics Engineering awarded as Best Industry Linked department by AICTE-CII survey in the year 2020-21.

Each department has the liberty and responsibility to propose and recommend their budget and budgets are approved after a careful discussion. The imprest money is provided to the heads of every department to meet out all contingency expenditure. The Chairman and the Board of Trustees review the functioning of the Institution regularly extending their guidance and support.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.kpriet.ac.in/statutory-committee

6.2 - Strategy Development and Deployment

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

Teaching and Learning

Qualified and committed teachers are the core of our system. Stateoftheart infrastructure, viz. laboratories, computers, audiovisuals, prototypes and models are provided. At best, the use of new technologies in education is prioritized to make teaching and learning highly effective and enjoyable. Innovative practices, blended learning, ICT/based learning are practiced. A well/documented academic process is maintained and the same is monitored by team IQAC.

Examination and Evaluation

The examination and evaluation process are managed by the central examination office under the supervision of Controller of Examiner. The questionnaires are prepared by guidelines of the Revised Bloom's Taxonomy and scrutinized by heads and the IQAC member. A committee for the transfer of results is made up of the

Principal, department heads and a member of Anna University and approves the results. There is a documented procedure for redressing a student's complaint.

Research and Development (R&D)

A separate center for R&D is established in the institution andheaded by Director, Research. Research infrastructure such as special laboratories, The college has a well laid policy for providing seed money for projects, providing incentives for publications and research grants received. International and National level conferences are organized regularly.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1GaxTOWLZYRfHFDpBcbpzkZ7nQlPA6c47/view?usp=sharing
Upload any additional information	No File Uploaded

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

The institute functions under the KPR CHARITIES. The Governing body, standing committee and advisory council work under the head of the institution. These three committees make policy and strategy implementation mechanisms of the institute. Also, we have 53 non-statutory committee to support academic and non-academic activities.The employees and students can present their views and ideas to the management at any time.

Promotion of an employee is from the present position to next higher position with more responsibilities or requiring more skill. Promotions are based on merit, performance and qualifications for the higher position. Any applicable pay rise on promotion will be decided by the Principal and the Management. Employees are encouraged to apply for any higher position for which they qualify. Faculty desiring of promotion to a higher post needs to appear for presentation with necessary proof for claim in front of the Appraisal Committee appointed by the Management through Head of the Department and the Principal, and only on the recommendations of the Appraisal Committee he /she will be considered for promotion.

The detailed rules, procedures, recruitment and promotional policies are explained in the HR Manual and the same is disseminated through institute website.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drive.google.com/file/d/1Yfc93qc9BOInAwLDxShBs2YFHVRcPBX1/view?usp=sharing
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1Mm8-nu_3GMGzUre_6UHlhQm6hy5qiEay/view

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

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

6.3 - Faculty Empowerment Strategies

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

Teaching Faculty

- **Incentives for Research, Consultancy and Publishing Patents**
- **Incentives for text/hand books and Articles in reputed National Newspapers / Magazines**
- **Percentage of share for Funded Research Projects from Govt. Organizations, R & D Organizations, Industry, University and approved Non- Govt. organizations.**
- **Seed Money from the Management for Innovation and Product development**

- **Percentage of share for Consultancy Work and Testing services**
- **Sabbatical Leave to the faculty members in order to enable them to update their knowledge and experience.**
- **TA & DA allowance for faculty members for attending self/supported FDP / Workshop / Seminar**
- **Compensation Leave given for those who work at college or for any official work outside on holidays**
- **Award is given for Best faculty, Best faculty mentor and Best Researcher.**

Non-Teaching Staff

- **TA & DA allowance for non/teaching members for attending self/supported FDP / Workshop / Seminar**
- **Motivation to pursue higher studies and periodical training to improve their skills.**

- **Award is given for Best staff**
- **Daily refreshments have been give to given to staff**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1Mm8-nu_3GMGzUre_6UHlhQm6hy5qiEay/view

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

50

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

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

40

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

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

465

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The internal and external audits are regularly conducted. The internal audit is conducted quarterly by the managementappointed team of auditors and the audit reports are submitted for the external audit. The external audit is an annual audit. The audited statements of accounts are presented to the finance committee and the Governing Council. The expenses made from the various grants received from Central, State governments and other funding agencies under various schemes including R&D projects and Funding Sponsored Programme are audited by the Chartered Accountant appointed by the college and relevant Utilization certificate duly signed by the Principal and the Chartered Accountant are sent to the authority concerned.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1twNkEF6Emc9FoxXrGIP7R79MNbDqNop5/view?usp=sharing

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.5

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

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

The institution is mobilizing funds and using optimum resources of the fund effectively throughout the years. For the mobilisation of finances and resources, the Institute maintains and executes a well-planned approach. Various institute committees, as well as department heads and the accounting office, are involved in the process. The Institute has established some precise guidelines for the use of the funds and resources. The student tuition fees are the primary source of revenue for the institute. The hostel fee and transport fee are collected from students and used for operations and maintenance of hostel and transport.

Various government and non-government organisations fund are used for organizing seminars and other activities. Alumni support to the institute by raising donations for needy people. Individual and corporate sponsorships are sought for cultural events and festivals. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC of the institution is taking lot of initiatives for institutionalizing the quality assurance strategies for the uniformly visible incremental improvement across all the departments. It significantly contributes in quality maintenance, quality enhancement and quality sustenance of the institution. 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.

Post Accreditation Initiatives

Autonomous status has been received in the year 2019, the curriculum and syllabi is framed with the inputs from the industry experts and academia. The CBCS is being introduced from the R2019 regulations. Choice based Credit Systems (CBCS) and need based curriculum were introduced to meet the changing needs of the industry.

Online Teaching Learning has been implemented during COVID-19, through different platforms like Zoom, Google classroom and institute's LMS (DON – Data On Net). Institute prepared quickly on various indicators such as student-faculty engagement, innovative learning management system and virtual sessions during a world-wide lockdown. The e-Learning platform provided to the students for the year June 2020- May 2021 qualified the Institute for QS I-GAUGE- E-Learning Excellence for Academic Digitization (E-LEAD) certification.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The prime objective of IQAC is to improve the academic and administrative performance of the institution and observe the teaching-learning process. To maintain high-quality standards, the team of IQAC members visit various departments twice in a semester for audit. The report is discussed and analyzed in IQAC meeting and finally it is sent to the concerned department. The improvements are suggested wherever required in order to improve the contents for a better teaching methodology and improved outcomes At the end of each academic session, IQAC also initiated a feedback process which aims in incorporating the suggestions and recommendation.

The format of course plan for various category of courses like Theory, Theory integrated with laboratory and laboratory courses are designed by IQAC team. The faculty members prepare the course plan and lecture notes of their respective course before the commencement of the classes.

Continuous Internal Assessment Test (CIAT) are conducted at regular intervals for each semester. Once the Exam cell receives the question paper from the respective departments, a team of senior faculty members constituted by the IQAC scrutinize question paper for adherence to the norms of revised blooms taxonomy thus resulting in a relevant mapping to the prescribed course outcomes.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.kpriet.ac.in/cftie

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used	A. Any 4 or all of the above

for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://kpriet.ac.in/iqac
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

UN Women: In the year 2010, the United Nations General Assembly created UN Women, for Gender Equality and the Empowerment of Women, to accelerating the Organization's goals on gender equality and the empowerment of women which focused exclusively on gender equality and women's empowerment helping Women to lead, participate in and benefit equally from governance systems.

Global Fund for Women: Global Fund for Women was founded in 1987 with a vision for a world where movements for gender justice have transformed power and privilege for a few into equity and equality for all. It aims for women to realize their rights, set out in the Universal Declaration of Human Rights for essential for women's equality.

Beti Bachao Beti Padhao: This is a scheme from Government of India that aims to generate awareness and improve the efficiency of welfare services intended for girls in India.

Sukanya Samridhi Yojana: This scheme is promoted by the Government of India backed saving scheme targeted at the parents of girl children in the year 2015. The scheme encourages parents

to build a fund for the future education and marriage expenses for their female child by the Ministry of Women and Child Development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://kpriet.ac.in/pdf/policy/Gender%20Equality%20Policy.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	**B. Any 3 of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

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

It will be mandatory on the part of the Head of the department/ Principle Investigator (Project)/ in-charge (Animal House) to report changes/additions in hazardous waste generation and steps taken to reduce generation of waste per unit of production. As per the Hazardous Waste regulations, University can store hazardous waste for a period not exceeding 90 days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes unless the concerned State Pollution Control Board has extended the stipulated period. The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus or incinerated, as proposed in the waste hierarchy list. Shall achieve these objectives by:

1. **Waste avoidance and waste minimization at source**
2. **Reuse, recovery and recycling of non-hazardous waste**
3. **Safe disposal of hazardous waste**
4. **Setting up of common Treatment, Storage and Disposal Facilities**

5. **Safe handling and storage of wastes on campus**
6. **Providing appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,	**A. Any 4 or all of the above**

reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Efforts to handle Cultural diversity

KPRIET accommodates the culturally diversified students by encouraging the exchange of cross-cultural ideas and celebration of the festivals of different culture.

Efforts to handle Regional diversity

Apart from various districts of Tamil Nadu, the institute has got students from the other states of India like Telangana, Andhra Pradesh and Kerala. The students of all regions are provided with equal chances to participate in the co-curricular and extra-curricular activities.

Efforts to handle Linguistic diversity

English is utilised as a medium of teaching in all the classrooms to bridge the gap between the region-specific teaching and the expectations of the students and faculty of the other states.

Efforts to handle Communal diversity

The students and the faculty of all the communities and religions are a part of this temple of learning which shows that the institute strives to provide conducive environment for all.

Efforts to handle Socioeconomic diversity

The students from the rural areas and from the poor family to rich study in the institute. To overcome the socioeconomic barriers, the institute has facilitated the students to receive the scholarships and awards from state and central governments.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File]()

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The values are inculcated through courses in the curriculum, namely Value Education, Yoga & Values for Holistic Development, Universal Human Values, Understanding Harmony and Professional Ethics & Human values.

Environmental awareness programs - Guest lectures, rally, competition, planting trees, campus cleaning, plastic usage awareness programs.

Health awareness programs to general public - Marathons of 3 & 5 km named as "Fit India Freedom Run 2.0"

Camps for enrolment of voter ID for the students who turned 18, correction of voter ID and training to students to enroll for voter ID through online so that they can help others are organized to make the students to be aware of their rights and duties.

Village adoption programs under NSS have provided platform to understand the live hood of village and made our students to understand their responsibilities.

During natural disasters, students are permitted to collect funds/ materials and distribute them to the affected people (Rain affected areas in Cuddalore, Chennai / Corona period).

A few department students have visited orphanage and old age homes and provided the fund which they collect from faculty, staff and students.

Independence Day & Republic Day are celebrated to create

awareness among the students about our Constitution, freedom struggle and our nation's history.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

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

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

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

KPR Institute of Engineering and Technology (KPRIET) provides outstanding supports towards celebrating national and international commemorative days, events, and festivals. 17 clubs are active in KPRIET for the benefit of students' community. These clubs and cells join together and celebrate various events; for example, National-level events such as Independence Day, Republic Day, Teacher's Day, Gandhi Jayanti, Swami Vivekananda Jayanti, National Voters Day, Constitution Day, Engineers Day,

Armed Forces Flag Day, Parakram Diwas, Swachhata Pakhwada, Dengue Awareness Day, NSS Day, NCC Day,Eye Donation Week and so on like World Health Day, International Yoga Day, International Women's Day, World Environment Day, Science Day, IPR Day, World Youth Day, World Consumer Day, World Water Day, World Population Day and so on. Further, regional festivals like Thai Pongal, Mattu Pongal (Thamizhar Thirunal Festival) are also celebrated. KPRIET contributes huge resources in terms of manpower, money, facilities and material for celebrating above kinds of events. National events such as Republic day and Independence Day aid to increase the unity among the students, promote the feelings of pride of our own country, which helps to raise the patriotic spirit among young minds.

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

7.2 - Best Practices

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

The institute has constituted an office under the name Centre for Teaching Innovation and Excellence (CFTIE) to develop innovative pedagogies for powerful learning. Institute prepared quickly on various indicators such as student-faculty engagement, innovative learning management system and virtual sessions during a world-wide lockdown due to COVID-19. The e-Learning platformprovided to the students for the year June 2020- May 2021 qualified the Institute for QS I-GAUGE- E-Learning Excellence for Academic Digitization (E-LEAD) certification. Uninterrupted online teaching learning process was highly beneficial for the students. The faculty members were interactive and the quality of online teaching was as good as experienced in regular offline classes. ICT tools were used effectively, appropriate videos and animations are used to deliberate the content and additional topics related to modern trends were covered during online teaching. Analytical papers were handled well by the faculty. The institute has collaborated with Taylor's University, Malaysia for

a Design Thinking Course for the benefit of first year students and faculty members. DATA on NET (DoN) software being launched to use extensively in the institute. Data privacy and cyber security is ensured in the campus by installing antivirus software.

File Description	Documents
Best practices in the Institutional website	https://www.kpriet.ac.in/accreditation/naac/best-practices
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

1. Quality education is ensured to the students with outcome-based education system and close interaction with the industries. Institute is guiding the students towards an informed carrier choice and honing their carrier skills to achieve their goals. The students and faculty members are utilizing the facilities at different National/International industries and R&D organizations for internships, projects and higher studies as a result of MoUs created by the institute. Student Enrichment Programs, International Guest Lectures, International Alumni Chapter, International Higher Education Conclave, On-the-spot Scholarship Assessment and Registration program etc.
2. First generation female students benefitted through our institute, student access measures, available senior female academicians, number of women receiving degrees and women's progress measures were the exceptional aspects considered for THE Ranking in gender equality.
3. Financial support provided to the stakeholders in several aspects including scholarships and anti-poverty programs.
4. The "wealth from waste" principle is practiced substantially in the sewage management.
5. KPRIET is concerned in educating its stakeholders as well as community regarding United Nation's SDGs through different programs.
6. KPRIET proudly presented SDGs on Affordable and Clean Energy (7),Industry Innovation and Infrastructure (9) and Climate Action (13)in the IGEN-Green9 SDG Conclave 2020.

File Description	Documents
Appropriate link in the institutional website	https://www.kpriet.ac.in/accreditation/naac/id
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To collaborate with more top engineering professionals and pioneers in education to provide best educational experience to the students and faculty.
2. To create more MoUs with industries/R&D organizations for students' benefit in career advancement.
3. Creating partnership with international institutions to execute the projects and offer higher stud-ies for the students and faculty.
4. Innovative product development with the involvement of students under faculty guidance and its commercialization.
5. To establish business incubation facility with the aid of industries and government organiza-tions.
6. To commence startups to be presented in National and International level contests.
7. Contributions to meet apex bodies guidelines/criteria (NBA, NAAC, NIRF etc)
8. Encouraging all the students/faculties to visit industries and R&D organizations to continue in-dustry-institute partnership which is the distinctive feature of this institution.
9. Establishment of sponsored centre of excellence labs to ensure UG and PG students pursuing re-search from the beginning of their courses. Full time researcher/JRF recruitment can be in-creased.
10. Good number of quality publications in journals with international/national academy industry collaborations