



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dinesh Goyal
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0141-2771259
Mobile no.	9928015792
Registered Email	pietjaipur@rtu.ac.in
Alternate Email	info@poornima.org
Address	ISI-2, RIICO Institutional Area, Goner Road, Sitapura
City/Town	JAIPUR
State/UT	Rajasthan
Pincode	302022

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Gautam Singh			
Phone no/Alternate Phone no.		01412770790			
Mobile no.		9001893262			
Registered Email		gautamsingh@poornima.org			
Alternate Email		registrar.piet@poornima.org			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.piet.poornima.org/public/naac/AQAR%20(2019-20).pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.piet.poornima.org/downloads			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.38	2019	09-Aug-2019	08-Aug-2024
6. Date of Establishment of IQAC			12-Nov-2018		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
IQAC Coordinated & monitored all training	20-Aug-2019 1		20		

and carrier counseling activities conducted by all the departments.		
The NAAC Peer team visited the campus for the purpose of assessment and accreditation of institution.	15-Jul-2019 2	1000
IQAC conducted a meeting to initiate PIE (Planning Implementation and Evaluation) as per the benchmarks of various agencies and delivery of teaching and learning through Valued Added Courses, Industry Associations, OBE, etc.	02-Jul-2019 1	100
IQAC organized a one week FDP on vision-mission, CO, PO, PSO mapping, assessment and attainment.	26-Aug-2019 6	50
Institute conducted an assessment session taking the remedial measures in every department after the classification of students in A , B and C categories on the basis of their previous result	09-Sep-2019 1	40
IQAC conducted a session for the complete cleanliness as a best practice of PIET campus environment through the use of rainwater harvesting, green measures and sensor based infrastructure.	18-Sep-2019 1	150
Quality improvement was ensured through a meeting organized by IQAC including the following agendas :	07-Oct-2019 1	80
Academic Administrative Audit (AAA) was conducted at external and internal to boost up the functioning of the institute and this was further taken to follow up actions.	14-Oct-2019 5	1000
Skill Enhancement Session/ Workshop for Non-	21-Oct-2019 5	30

Teaching Staff organized by IQAC		
For quality improvement in R & D work, IQAC organize a session for motivation to faculty members and Students for publication of their research work in SCI, Scopus and UGC Indexed Journals. The session included industry experts and those who have groun	18-Nov-2019 1	85
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
PIET/Institute/ Dr Dinesh Goyal	MODROBS	AICTE	2019 365	1284314
PIET/Electrical Engg./Ms. Shuchi Shukla	CRS	TEQIP	2019 365	240000
PIET/Civil Engg./ Dr. Sushindra Kumar Gupta	TEQIP -CRS	RTU (ATU) TEQIP-III	2019 365	240000
PIET/Civil Engg./Dr. Pran Nath Dadhich	TEQIP -CRS	RTU (ATU) TEQIP-III	2019 365	240000
PIET/Computer Engg./Dr. Dinesh Goyal	TEQIP -CRS	RTU (ATU) TEQIP-III	2019 365	240000
PIET/Computer Engg./Dr. Dinesh Goyal	Grant for Organizing Conference (GOC)	AICTE	2020 365	496667
PIET/Computer Engg./Dr. Praveen Gupta	Short Term Training Programme (STTP)	AICTE	2020 365	226666
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)
Conducted external and internal academic and administrative audits for all programs
Generated the revenue through RD, consultancy, testing and verification and Improvement in funds received from Central/ State Government
Provided training to students on entrepreneurship through PBIC business incubation
Created awareness to improve ecological practices to conserve power and keep campus Eco - friendly.
Department of Civil Engineering accredited by NBA and Department of Computer Science Engineering successfully compliance of NBA

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Proposal of international conferences will be organized by every department	Every department has organized international conference in month of march 20
Promotion of skill development programs like workshop, seminar,etc.	Departments of PIET had organizes workshop and seminar in respective fields for skill development.
Enhance quality in students by career oriented activities.	Started CRT (Career Recruitment Training) Classes for improvement in quality for training and Placement.
Enhance quality of Teaching and Learning by introducing innovative Teaching Methods.	Active and co-operative, Learning introduced was proved to be beneficial for students belonging to the different

	levels.
Introduce and improve the teaching-learning process by adopting outcome based education process. The process involves defining the targets for course outcome attainments in each of the courses, laboratories and striving to achieve them.	All the courses taught have been covered under OBE and each of the faculty have been required to work towards the achieving the targets set. Further the faculty is required to continuously improve the process to reach out to higher targets if the set targets have been achieved and analyses and initiate corrective action if the targets are not achieved.
Student progression and placement	The institute ensured the highest placement of the students in various copmanies and enrich their knowledge with the conduction of activities for the sake of their progression.
To improve quality of Admission	Improved quality of new admissions compare to previous year admissions on the basis of 12th class marks.
Intensifying research work	The departments and faculty members of the insititute promoted the research and development. Under the same, 10 research papers have been published in SCI/Scopus/UGC Indexed journals and all the departments organized Four conferences at international level.
Follow up academic calendar	The Departments and faculty members adhered to academic calendar for their activities to promote the quality education in the stream line of the directions given in prescribed format of IQAC.
Sustainable development and improve ecological practices.	IQAC organised many actitiviites related to plantation and sustainable development like plantation etc,. to create awareness and improve ecological practices.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">BOG</td> <td style="text-align: center;">13-Sep-2018</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	BOG	13-Sep-2018
Name of Statutory Body	Meeting Date				
BOG	13-Sep-2018				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	15-Jul-2019				

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	30-Jun-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Management Information System (MIS) The MIS, a Centre for Software design, accomplishes a task of developing a holistic Education Management Information System in SHARP. Institute build digital environs with a sense of appropriateness and coherence for all the stakeholders of the college. The objective is to provide an extensive support in the capture, processing, storage and retrieval of relevant, upto date and demand driven data and information for management functions including, (1) Policy planning and implementation, (2) Decision making, monitoring and evaluation of the education system, and (3) Follow up on the daily activities of each major entity in a streamlined, systematic and timely manner. All of the data at SHARP, especially those related to resources, quality processes, students and faculty, placement, hostels, etc. are operated through the MIS. MIS system in its current form is robust enough and operates according to a well defined logic, methodology for varied distinct purposes. The automated MIS modules is used for a host of functions, which are listed below:</p> <ul style="list-style-type: none"> • Admissions • Student Registration • Students • Fees • Examination • Online Assessment • Academics • Staff • Student Feedback • Student Performance • Faculty Record Book • Placement • Faculty appraisal • Attendance Management • HR Management • Hostels • Events • Security • SMS based services • Resource Maintenance <p>Regular data and source backup facilities are maintained. All the data and information are maintained as a history for further references.</p>

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Poornima Institute of Engineering & Technology (PIET) is affiliated to the Rajasthan Technical University (RTU) and approved by All India Council for Technical Education (AICTE). It follows the curriculum approved by RTU. An academic calendar is prepared at initial level as per the academic calendar of RTU. All the departments prepare the calendar for academic and extra-curricular activities. All the academic; co-curricular and extracurricular activities are fixed up in institutional academic calendar. The Principal conducts a common meeting with all teaching and non-teaching staff separately before commencement of every semester. Students are made aware of commencement of semester through online and offline mode. A teaching scheme is finalized on the basis of RTU syllabus and choice of subjects is taken from faculty members. The subject allocation follows the same: 1. Subject preference form: The Subject Preference forms are given to faculties to fill their priorities against subjects. 2. Subject allocation: HoDs discuss with every faculty member then allocates the subject to appropriate faculty members and resolve discrepancy (if any). 3. Blown-up: The faculty members prepare their course plan in-line with the departmental academic calendar. They classify the syllabus topics into A B & C Category. A indicates challenging/ tough concepts. B indicates average and C indicates easy concepts. Blown up document is detailed document of syllabus where all topics of syllabus are divided further into sub topics. 4. Deployment: The Faculty members prepare date wise delivery plan of each & every topic with expected delivery date. More focus is given on ABC Analysis of subject. The detailed course file with COs-POs-PSOs mapping is prepared by each faculty member. 5. ABC Analysis of student: A list from tutor is given to the faculty members which contains ABC analysis of students to track the performance of students .A indicates fast learner, B- average, C-Slow learner. 6. Zero lecture delivery: A zero lecture to students is delivered that comprises of course introduction, COs, POs, PSOs, its application area in industry or research, Blown up, division of course in no. of lectures, dates of I & II mid tem exam, assessment process, references etc. 7. Lecture notes creation on prescribed format: Each faculty members prepare notes on in prescribed format. Institute follows innovative and creative teaching learning process, tools and techniques by implementing advanced concept of pedagogy use of ICT, learning management system, student centric methods etc. for enhancing quality of teaching learning. 8. SPLs (Special Lectures): The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, seminars, workshops, industry visits, industrial internships, and hands on sessions, tutorials, case studies, etc. by industry experts, researchers. 9. Online Teaching:, PIET has been conducting online classes during the lockdown period to keep the teaching learning process unaffected through Google Classroom, ZOOM and Google meet. 10. E-learning: Contents beyond curriculum are identified and taught through online/offline in-house workshops through NPTEL lectures, SWAYAM online courses, MOOCs, AICTE ELIS Portal, National Digital Library, Vidwan, technical quiz, assignments, internal tests etc.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
IBM	NA	15/06/2019	8	Yes	Yes

Business Intelligence	IBM IoT	NA	15/07/2019	8	Yes	Yes
	IBM Cloud Computing	NA	15/07/2019	8	Yes	Yes
Financial Accounting-Depreciation Calculation Fixed Assets		NA	22/04/2020	6	Yes	Yes
Complete Skill Development Program(FACE)		NA	15/07/2019	6	Yes	Yes
Municipal Solid Waste Management in developing countries		NA	23/04/2020	6	Yes	Yes
Auto CAD		NA	01/06/2020	9	Yes	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	First Year	01/07/2019
BTech	Computer Engineering	01/07/2019
BTech	Electronics and Communication Engineering	01/07/2019
BTech	Electrical Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1005	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Importance and Application of IS-Codes	23/07/2019	70

for Material testing Concrete Mix Design		
Civil Engineering Material Equipment	10/09/2019	60
Road Alignment	24/09/2019	45
REACT NATIVE	21/08/2019	45
Actions on Google	25/09/2019	100
Android Application Development	30/12/2019	80
Role of Artificial Intelligence in Electronics Engineering	22/07/2019	30
PLC Scada	02/12/2019	25
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Computer Engineering	276
BTech	Civil Engineering	387
BTech	Electrical Engineering	12
BTech	Electronics and Communication Engineering	17
BTech	First Year	219
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Feedback from students, alumni, teachers, parents, employers is proactively utilized for enhancing the overall development of the Institution. Institute collect feedback from stockholders under supervision of IQAC. At the end of the first month of each semester, feedback is collected from the students through an online mode. The online feedback is summarized and the consolidated report is handed over to the Director by HoDs. The faculty members with average and poor feedback are counselled by the Director in the presence of respective HOD. For the effective implementation of the Academic system, the following feedback methods are adopted:</p> <ul style="list-style-type: none"> • Direct Feedback from students: The students are invited to share their views on various subjects, pedagogical methods and the academic environment of the department. • Interactive Feedback: The Director and HoD interact with the students in the absence of subject faculty members for an

unbiased feedback which includes the performance of teachers, coverage of syllabus etc. • Online Feedback: The consolidated feedback of all the subjects is collected through online mode and analyzed by HoDs. • Every department conducts a graduate exit survey about the teaching learning process, curriculum, curricular extracurricular activities, infrastructure facilities, continuous improvements, industry support (Training/Placements) and satisfaction of PEOs, POs PSOs. A corrective action is implemented after discussion with the concerned department and IQAC meetings. • Every year, the Institution organizes an alumni meet. They interact with faculty members and students, sharing their knowledge which creates a strong bond for getting projects, internships, trainings, job links etc. for the young technocrats. The feedback collected from alumni is discussed in departmental meetings and corrective measures are implemented for effective utilization. • An employer's feedback is taken during the campus recruitment to enrich the curriculum and to cover content beyond syllabus for better employment opportunities. Institution has a strong Industry Institution Interaction through the faculty members' liasioning with at least one industry of his/her choice. It gives outcomes related to internships, sponsored projects, industrial visits, expert lectures from industry, support for RD, consultancy, MoUs, Placements, lab developments etc. are collected through the Industry Institution Interaction subcommittee. • A feedback from parents is collected and suggestions given by them are discussed in meetings and corrective actions are initiated. • A feedback from teachers is also collected and suggestions given by them are discussed for the corrective actions. • The constructive suggestions given by students, alumni, participants in the conferences are discussed in the departmental meetings in the presence of the Deans. The suggestions are implemented after the approval from IQAC members. • The Institution organizes various enrichment programs which focus on the human values, employability and life skills, creating competency in the technology and quest for excellence. All the factors mentioned in the feedback form are analyzed and corrective actions are taken accordingly. Feedback Analysis: Feedbacks from different stakeholders are discussed in the departmental/institute level meeting and corrective actions are taken.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	120	87	27
BTech	Computer Engineering	180	451	199
BTech	Electrical Engineering	60	16	3
BTech	Electronics & Communication Engineering	120	Nil	Nil
BTech	Mechanical Engineering	60	Nil	Nil

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	979	Nil	97	Nil	Nil

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
97	97	605	23	1	15
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

While pursuing Under Graduate Engineering students regularly want mentoring, guidance and counseling from a loving elder one. Direct academic issues e.g. Choice of electives can be easily communicated to the students. But finer nuances e.g. Profession alternatives or worry of a subject/course want extra involvement of the mentor.

Mentoring System The technique has been hooked up as 'Mentoring System'. This system is to establish effective relationship and bonding between student and Teacher. To proactively try to identify problems of the general student populace and to bring them to the notice of the concerned authorities Each faculty will be the mentor of a collection of 15 to 20 students. Each and every student of every year may have mentors from own department and year. Departmental faculties will continue to be mentors for the same group of students till their one academic session.

Responsibilities The mentor will perform the following functions.

1. Meet the group of students at least once in a week.
2. Continuously monitor, recommend, guide and encourage the students in all academic subjects.
3. Advise students regarding preference of electives, project, internship and so forth.
4. Contact parents/guardians after each midterm result and end term result if situation demands e.g. academic irregularities, negative behavioral changes and interpersonal relations etc.
5. Advise students in their career development.
6. Maintain contact with the students even after their graduation.
7. Intimate HOD and suggest if any administrative action is called for.
8. Maintain a brief record of the student interaction and parent interaction.

The HOD will:

1. meet all mentors of his department at least once a month to check the proper implementation of the mentor-mentee system
2. Advise mentors whenever necessary.
3. Take administrative action on a student when necessary.
4. Always informed the head of the institute.

Effective mentoring begins with the faculty and depends on the healthy relationship among mentor and student. faculties (mentor) for providing guidance for each year from admission till the graduation. The mentors perform the following functions

1. To maintain personal details of the students including their address, contact numbers, overall academic performance and progress etc. It will help the mentor in monitoring the academic growth of the students.
2. To advise the students regarding selection of electives, projects, summer training, internship etc.
3. To recommend and motivate the students in all academic topics-direct or indirect.
4. To guide the students to take part in extra academic and professional activities for value addition
5. To contact the parents/guardians of the students in case of their academic irregularities, behavioral changes, etc, through the Head of the Department or Institute. Maintaining a brief but clear record of all discussions with the students

During the COVID-19 Lockdown period, Mentors have kept interactions with mentee through online mode. Mentoring activities have shown some important outcome this year.

Type of Mentoring

1. Career Guidance – concerning professional goals, selection of Profession, higher education.
2. Career development – regarding self-employment opportunities, honesty required for career growth.
3. Course work specific concerning performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
979	97	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
97	97	Nil	14	32

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. Rekha Jain	Professor	NPTEL Transletter
2019	Shruti Bijawat	Assistant Professor	NPTEL for contribution as SPOC

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	Engineering	VII	27/11/2019	19/02/2020
BTech	Engineering	V	30/11/2019	27/04/2020
BTech	Engineering	III	26/12/2019	04/06/2020
BTech	Engineering	I	23/12/2019	11/05/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to RTU University, Kota (Rajasthan) and follows the examination pattern of the University. 1. Regarding the attendance of the students in the class, students should maintain minimum 75 attendance as per the University norms. Attendance is taken during all the hours by the faculty member handling the particular session and entered in the faculty record. 2. In order to felicitate curriculum beyond learning various activities have been included like: Open Book Test, Online Exam, Non Syllabus Project, and Student Driven Activities. 3. Mid-term Examinations are conducted twice in each semester as per the university guidelines which tests the concept understanding, detailed mathematical analysis and applications. Due to covid internal Exam was conducted in online mode 4. CO and PO have been associated with all questions in Mid-term Papers as well as assignments. 5. Marks under DECA include the parameters like Assignment and Certifications 6. In each subject at least five assignments are given and evaluated. 7. In theory Papers College has authority to test the students for 50 of marks. 8. In laboratory Exam College has authority to test the students for 50 Marks.(Due to Corona) 9.It was observed that students are able to clear University examinations with flying colors but fail to register similar success at state and national level examinations like GATE as these examinations of objective nature. It was decided that objective tests are to be introduced to help the students prepare for state and national level examinations. The final internal assessment marks

are calculated by considering all the tests and assignments. 10. Project work, industrial visits, internship are assessed by seminars delivered by students on a regular basis along with viva-voce. 11. The Examination Committee schedules and executes the evaluation process with strict monitoring on regular basis. 12. The Principal also takes stock of the progress in weekly HOD meetings. The examination schedule is displayed in advance in the academic calendar and is followed by entire college. The quality of question paper is as par with most of the universities question papers. The objective tests include questions from GATE and other important examinations in concerned subject.13. The digital initiatives of MHRD and AICTE have made available very large number of MOOC courses through SWAYAM, teachers adopt innovative methodologies to delivery of course. The answer books are evaluated in a given time and are displayed to the students. Their doubts are cleared if any and the results are finalized. Parents' meets are conducted in each semester to inform the progress of their wards and to take feedback from the parents as well. After result finalization, CO, PO, PSO attainment is calculated by faculty members. Institute followed all exam policy as per RTU as Well as AICTE Norms. In the 2nd half of even semester due to covid-19 pandemic institute took internal exam in online mode using Google Classroom and Google Meet, End Term Examination of Final Year student were conducted in offline mode only

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institute is affiliated to RTU kota, (Rajasthan) and therefore academic calendar is prepared as per the guidelines issued by RTU Kota only. Semester starting date, Semester ending date, Examination date, holidays and other activities are adhered with RTU Kota. The Internal Assessment system for both theory and laboratory examinations is totally transparent. Internal Assessment is carried out in a systematic manner for theory, practical and project work.

1. All parents are given information well before start of the new semester indicating the important events including examinations with probable dates to be conducted in forthcoming academic session. The detail academic calendar is available on college website and displayed on noticeboards in the Department.

2. Academic Calendar is also shared with students in the starting of the semester Thus, students know well in advance about the dates of examination and they can plan their study accordingly. 3. Students are informed about the parameters of Internal Evaluation system well in advance. They are continuously reminded by the mentors, teachers and Tutor to be regular in all teachinglearning activities as they are continuously being monitored. 4. All examinations are conducted as per academic calendar. Students are given a fair chance of good performance as examinations are conducted in small parts of the syllabus. There is a variety of pattern of examination like Sessional, objective, class test, quiz etc. conducted at different times. 5. Parents are shown complete student record including attendance, marks scored in each subject, SMS and Letter. 6. The answer copies of all examinations and grades of assignments or Practical examinations are displayed as soon as the evaluation is carried out. Students check answer copies. In case of any discrepancy, they are advised to bring the matter to the notice of concerned teacher and HOD get it solved. The matter can always be discussed with mentor teacher, class-incharge or Head of the Department if remains unsolved at the subject teacher level. 7. Internal marks are based on assignment, class test, I II mid-term examination, Student Driven activities, certified courses like IBM, research

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.piet.poornima.org/public/naac/Outcome%20Based%20Education.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Engineering Technology	BTech	Civil Engineering	85	80	94.12
Engineering Technology	BTech	Electrical Engineering	47	44	93.62
Engineering Technology	BTech	Electronics & Communications	52	44	84.62
Engineering Technology	BTech	Computer Engineering	119	113	94.96

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.piet.poornima.org/public/naac/Student%20Satisfaction%20Survey%202019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	365	TEQIP-III, RTU(ATU), Kota	2.4	60000
Projects sponsored by the University	365	TEQIP III	2.4	60000
Projects sponsored by the University	365	TEQIP III	2	50000
Industry sponsored Projects	270	TeXeL Consulting Engineers, Jaipur (Rajasthan)	0.88	88000

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Patent Awareness session on Secure Cloud Computing area	Computer Engineering	17/12/2019
IPR Patent need: Research in Computer	Computer Engineering	07/08/2019
Patent Drafting and Application for Civil Engineers: Advancement in Concrete Technology for Sustainable Development	Civil Engineering	28/05/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
CII Gold	Poornima Institute of Engineering Technology Jaipur	AICTE-CII	14/11/2019	Institution
Quality Index Value	Poornima Institute of Engineering Technology, Jaipur	RTU, Kota	15/06/2020	institution

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Poornima Business Incubation Center	"Innocity Entrepreneurship Bootcamp "3-day program organized by Startup Oasis in association with Innocity and Gensus Edutainers	Poornima Institute of Engineering Technology, Jaipur	Gamboll	Entertainment	20/03/2020
Poornima Business Incubation Center	"Innocity Entrepreneurship Bootcamp "3-day program organized by Startup Oasis in association with	Poornima Institute of Engineering Technology, Jaipur	Readingbox .in	Study	12/05/2020

	Innocity and Gensus Edutainers				
Poornima Business Incubation Center	-	Poornima Institute of Engineering Technology, Jaipur	REGOOLUR PRODUCT AND TECHNOLOGIES PRIVATE LIMITED	Technology	14/12/2020
Poornima Business Incubation Center	-	Poornima Institute of Engineering Technology, Jaipur	M/s. BREADNBUTTER TECH	Technology	20/10/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1	1	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	3	5.15
International	Computer Engineering	14	6.1
International	Applied Science	4	3.5
International	Electrical	1	.1
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Engineering	26
Civil Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Yield Calculation for an	Dr. Sushindra Kumar	International Journal of	2020	80	Poornima Institute of Enginee	Nil

Anicut and Water Resources with the Help of Required Data for a Good Catchment Area (Rajasthan)	Gupta	Control and Automation			ring Technology, Jaipur	
Williamson nanofluid flow through porous medium in the presence of melting heat transfer boundary condition: semi-analytical approach	Dr Priya Mathur	Multidiscipline Modeling in Materials and Structures	2019	80	Poorinima Institute of Engineering and Technology	Nil
Wavelength Division Multiplexing in Optical Networks Using Radio Over Fiber	Dr. Amit Kumar Gupta	Journal of Communication Engineering Systems (STM Journals)	2019	136	Poorinima Institute of Engineering and Technology	2
Optimization and Effect of Reinforcements on the Sliding Wear Behavior of Self-Lubricating AZ91D-SiC-Gr Hybrid Composites	Sandeep Singh Kharb	Silicon	2020	6	Poorinima Institute of Engineering and Technology	6

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Segmentation and Recognition of the Diseases in CT Scan Pictures and Blurry Borders By Using Machine Learning Approach	Dr. Dinesh Goyal	International Journal of Advanced Science and Technology	2020	10	10	Poorinima Institute of Engineering and Technology
SUSTAINING ECONOMY INCLUSION DURING COVID-19	Dr. Dinesh Goyal	International Journal of Psychosocial Rehabilitation	2020	10	10	Poorinima Institute of Engineering and Technology
Video tempering detection assessment in full reference mode using difference matrices	Dr. Dinesh Goyal	International Journal of Research in Advent Technology	2020	10	10	Poorinima Institute of Engineering and Technology
An Optimal Framework for Spatial Query Optimization Using Hadoop in Big Data Analytics	Dr. Dinesh Goyal	Recent Patents on Computer Science, Bentham Science	2019	10	10	Poorinima Institute of Engineering and Technology
Optimization and Effect of Reinforcements on the Sliding Wear Behavior of Self-Lubricating AZ91D-SiC-Gr Hybrid Composites	Sandeep Singh Kharb	Silicon	2020	2	2	Poorinima Institute of Engineering and Technology

Tribological Investigation of AZ91/SiC Magnesium Hybrid Composite under Dry, Oil and Nanofluids Lubricating Conditions	Sandeep Singh Kharb	Silicon	2020	2	2	Poorinima Institute of Engineering and Technology
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	20	60	10	10
Presented papers	22	15	Nill	Nill
Resource persons	9	1	Nill	Nill
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Yi Jaipur Annual Day Session on Youth 2.0 - The Future Leadership of Nation	Young Indians, Jaipur	4	250
Industrial Visit	Poornima Institute of Engineering and Technology, Jaipur Bhagwati Plastic Pipes Manufacturing, Jaipur	1	37
Industrial Visit	Jaipur Metro	4	120
Industrial Visit	Apssino (A Software Company), Jaipur	4	100
Industrial Visit	Central Institute of Plastic Engineering and Technology, Jaipur	4	100

Industrial Visit	Infosys, Jaipur	2	70
Industry Expert Lecture	Mr. Nitesh from Appcino Technologies Pvt. Ltd, Jaipur Poornima Institute of Engineering and Technology, Jaipur	4	185
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Jain Social Group	Jaipur	50
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Water Conservation Campaign	Poornima Institute of Engineering and Technology under water conservation campaign	Jal Shakti Abhiyan (JSA)	5	32
PRAYAG	RED BULL	protect, Codex, Webster	2	500
If you make the world better for kids, you make it better for everyone	Poornima Institute of Engineering and Technology, Jaipur	Community development program	2	40
Swachh Bharat Mission (Gramin) and the Swachh Bharat Mission (Urban).	Poornima Institute of Engineering and Technology, Jaipur	SWACHHTA PAKHWADA-2020	5	200
Green India	Poornima Institute of Engineering and Technology, Jaipur	Tree Plantation	3	55
The vital role of blood transfusion	Poornima Institute of Engineering and Technology,	Blood donation camp	10	180

[View File](#)**3.5 – Collaborations**

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
STTP on Secure Cloud Computing and its real-life applications	Academician and Research Scholar from different institutions	AICTE	3
Third STTP on image processing and its application	Academician and Research Scholar from different institutions	RTU	1
International Conference on Smart Infrastructure Environment	Faculty members and Students	ISTE	2
International Conference on Information management and machine intelligence	Academician and Research Scholar from different institutions	AICTE	2

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Carrier Education Program	Training	IBM	15/07/2019	31/03/2020	Divya Agarwal
Industrial Training	On Job Training	Metacube Software Pvt. Ltd.	06/01/2020	07/09/2020	DWARIKA DAS VAISHNAV (PIET16CE029)
Industrial Training	On Job Training	Jaro Education	07/01/2020	16/03/2020	DARPAN JAIN (PIET16CE026)
Industrial Training	On Job Training	Verzeo	04/01/2019	31/07/2019	AMAN SHAKEEL (PIET16CE013)
Industrial Training	On Job Training	Auriga IT	01/05/2019	01/11/2019	ADITYA PUROHIT (PIET16CE006)
Industrial	On Job	Verzeo	04/01/2020	31/07/2020	ABHINAV

Training	Training				SINGH (PIET1 6CE002)
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
IBM	01/03/2019	Bluemix, Cognos, IoT	100
Hitesh Lahoti Associates	01/04/2019	STAAD Pro	60
RAPID OPS SOLUTIONS PVT. LTD	05/12/2019	Industry Academia bridging Activities	384
Coding Ninjas	23/12/2019	Industry Academia bridging Activities	384
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
108	104

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	4	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	24044	8043140	335	199660	24379
Reference Books	3658	1221772	84	50064	3742	1271836
e-Books	1573	25070	Nil	13570	1573	38640
Journals	56	157116	31	78271	87	235387
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Deepak Mod	Image Processing	LMS	10/08/2019
Mr Vishnu Kumar Sharma	Protection of Power Transfer	LMS	07/04/2020
Dr. Om prakash Sikwal	Differential Equation	LMS	07/04/2020
Dr. Megha Gupta	MD5	LMS	07/08/2020
Dr. Amit Gupta	DBMS Normalization	LMS	07/04/2020
Dr. Ritu Soryan	Communication Skills	LMS	07/04/2020
Dr. Rakhi Mutha	Distributed System	LMS	07/04/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	430	13	430	1	1	30	50	120	0
Added	30	3	30	0	0	0	6	0	0
Total	460	16	460	1	1	30	56	120	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

120 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
LMS IEEE DELNET VIDEO Lectures	http://www.piet.poornima.org/e-content

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
114	108	84	68

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

MAINTANANCE PROCESS College has a number of policies procedures and practices to govern its operation. The policies are meant for day -to-day dealing. They provide guidance to members in a number of academic areas. The maintenance and cleaning of the classrooms and furniture are done with the efforts on the non-teaching staff and in major cases the college goes for the maintenance contract to the experts. The college has adequate number of computer with internet connections. Utility software is distributed in all the locales like office, laboratories, library, departments etc. As per the rules and policies of the institution, all the stakeholders have equal opportunity to use these facilities. The ICT smart classrooms and all those computer related facilities are maintained by the technically skilled experts appointed by the management. CCTV camera is installed in the campus. The students are charged for the laboratory expenses at the time of admission as suggested by the statutory body and in addition to that non-salary grants are allocated for the maintenance of the laboratories and the classrooms which are a part of teaching - learning process. The gardener appointed by the institute maintains the garden. The maintenance of generator is regularly done by AMC. Electrical and plumbing related maintenance is done with the help of local skilled persons and the expenditure is met from budget gained by college from different sources. Library maintenance is done by management by providing a provision of the budget. Library software is maintained by AMC. Disinfecting and keeping library clean is done frequently by library staff. The sports department of the college is meritorious. The running track is used by students, staff and local community and maintenance of that facility is done with the help of the management. A competitive examination is established by the college, which helps the students to prepare for competitive examination and the expenses are met by the management. The management understands the external and internal stake holders of the college uniting the vast campus regularly. Maintaining supporting facilities in the campus requires meticulous system. The college has a comprehensive policy to maintain the infrastructure periodically. Hence, the management allocates sufficient funds for the maintenance of the physical academic and support facilities. Maintenance Issues Civil Maintenance: Includes all building blocks of academic and hostel estate facilities such as water tank, Treatment Plant, Mineral Water plant, etc. Building Maintenance PIET maintains a list of buildings to be maintained. The frequency of inspection is decided in consultation with Principal or any other Authority. Major Works are carried out during winter vacation and summer vacation and minor works are carried out as and when required without disturbing the academic activities. Building maintenance is comprised of plumbing, painting, carpentry and minor construction. The maintenance operation will include all components and systems in the areas Class rooms, seminar halls, tutorial halls, carpet, floors, walls and ceilings, Doors exterior/interior, Window and Hardware, Restrooms/Plumbing fixtures (Commode, Lavatories, Urinals, restroom partition, mirrors, exhaust fans). Building Maintenance In-charge prepare a schedule for Building

<http://www.piet.poornima.org/public/naac/Policy-and-ProcedureofMaintenance-converted.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship for ward of staff	2	20000
Financial Support from Other Sources			
a) National	Bihar Credit Card Scheme, CM Scholarship, Department of Bikaner Education, Rajasthan, Department of CRPF, Department of Delhi Police, Department of Ministry of Home Affairs, Department of Rly, Department of Rajasthan Police, National Scholarship Port	158	4941430
b) International	NA	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Course (Big Data Analytic, Machine Learning Deep Learning	19/09/2019	55	Forsk Technologies Pvt Ltd at Jaipur.
Personal Counselling (Career Oriented Interaction Session)	05/08/2019	160	Face Academy
Mentoring (Session on Finance at 18)	21/10/2019	150	Yi Club
Skill Development (Workshop on E-sim)	27/07/2019	35	IIT Bombay
Personal Counselling and Mentoring (Session on "How to Crack GATE -Opportunity and Prospects")	25/07/2019	40	Gate Academy
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GATE Classes	12	Nil	8	Nil
2019	Complete Skill Development Program Conducted by Department	Nil	300	Nil	298
2019	Skill Development Program Through FACE Academy	Nil	298	Nil	288

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys pvt Ltd	135	41	Cognizant	50	2

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.tech	Electronics & Communication Engineering	Delhi	MBA
2019	1	B.tech	Civil Engineering	JECRC Jaipur	M.tech
2019	1	B.tech	Civil	YIT Jaipur	M.tech

			Engineering		
2019	1	B.tech	Electronics Communication Engineering	IIT Delhi	M.tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	8
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Kalanidhi	National	979
Aarohan	National	979
Sports Activity	Institute (I Year)	107
Cultural Activity	Institute (I Year)	230
Poster Making Competition	Institute (I Year)	67
Creative arts Competition	Institute (I Year)	102
Poster Competition	Institute (EC)	30
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Thar Go karting Championship	National	1	Nil	PIET17EC 021	Simran Mahla
2019	Best Business Plan	National	1	Nil	PIET17EC 021	Simran Mahla
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Objectives: To develop the best in a student during the college life and to make a confident, matured and an vivid personality with the best abilities inculcated in them which bring about empathy for the lesser blessed and help them serve the community for its welfare and encouraging the society for the betterment in every aspects of life with their leadership qualities and sound skills. The Students' council consist of a hierarchy initializing with the Chair 2 Co-Chairs of the council. Technical Clubs of student Council 1. Cytron

2. Engineering career awareness club 3. Origin 4. Electrinfinitly 5. Udaan Vikramajit Aero modelling club 6. Aptineus Club Extra CoCurricular Club of Student Council 1. Jazba theatrical 2. Music Vocals 3. Sports 4. Dance Non Technical of Student Council: 1. Helping hands 2. Poornima Pathshala 3. Good minds 4. Poornima MUN Society 5. Literary club 6. Poornima Alumni Association 7. Women in Science Engineering Club

The Council consist of : • 1 Faculty Advisor • 1 Chair: from III year • 2 Co-Chairs from II Years • 1 Captain of Each Club from II Year • 1 Vice-Captain of each club from I Year

Eligibility for becoming member of The Students' Council: • Students enrolled in full time courses at Poornima Institute of Engineering Technology will be eligible to apply. • Students of Pre-Final year are eligible to apply for the post of Chair, Students' Council. • Students of 2nd Year are eligible to apply for the post of Co-Chair, Students' Council. • Students of 2nd Year are eligible to apply for the post of Captain of any club. • Students of 1st Year are eligible to apply for the post of Vice-Captain of any club. • Chair of Students' Council are part of the committee interviewing Captains vice Captains. Succession: Co-Chair Vice Captains are normally succeeded as the Chair Captain respectively.

Only under very special circumstances will this hierarchical movement be changed with proper review of situations / circumstances involving the advisory committee or management as the case may be.

Activities of session 2019-20 Non-Technical Event organized by Student Council: Aagman 2019 (Fresher's), Aarohan Tech Fest, Xplorer- Dance Competition, Basketball, Table tennis, Football. Technical Events Organized by Student Council: Placement Hunt 1.0, CODEX, Protech -Programming Quiz, Webster- Web designing Competition, Graphic Designing Workshop, Poornima Manthan. Social Events Organized by Student Council: The Jaipur Marathon, The Shared Birthday Project, International Girl child day

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

Poornima Institute Alumni Society registration application and account opening is under process and may be completed by Sep 2020. The Society will be having members from our Proud Alumni, Faculty, Campus Director and Management

5.4.2 – No. of enrolled Alumni:

3669

5.4.3 – Alumni contribution during the year (in Rupees) :

30300

5.4.4 – Meetings/activities organized by Alumni Association :

Poornima Alumni Association Poornima Alumni Association is the foundation laid to enable alumni, students, faculty and staff to remain in touch with the University and each other for their shared benefit and for the vital support and development of Poornima Institute of Engineering Technology. Following Alumni interaction were conducted During Academic Session 1. Interaction with Mr.. Pankaj Sharma, Alumni Batch 2015-19 working in TCS, Mr Dheerendra Mishra Passout Batch 2011 present in Sweden, Mr Aseem Sandilya and Ms Apoorva Nagia right now in Hongkong. 2. Alumni meet and Degree Distribution Ceremony

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Institution practices Decentralization and Participative Management. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Decentralization and participative management is one of the main attribute of Poornima Institute of Engineering and Technology, Jaipur. This not only helps the institution to go ahead but also helps the human resources to develop themselves by taking decisions on planned administrative issues and governing the over- all development of the institute. PIET gives all stake holders students, faculty members, non- teaching staff and administrative staff, opportunities to contribute to the growth of the institute as well as to recognize their potential. Their involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college. Campus Director and his team of Deans, HODs, Dy. HODs and other academic administrative officers ensure efficient execution of academics as well as administrative activities well in time The overall team members are responsible to monitor and guide secondary staff members and to ensure various activities of campus and take positive steps for institutional growth and to ensure academic growth in tune with group policies. The two best practices of decentralization and participative management are IQAC and Student Council working in very effective manner. Various committees are formed for the smooth functioning of the college. The Coordinators of the committees are given responsible freedom to conduct academic, co-curricular and extra-curricular activities for the holistic development of the students with consultation of the committee members and after obtaining the approval of the Director.

1. IQAC/Director Level Committee: Director is the member secretary of the governing body and chairperson of the IQAC. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college.

- Internal Quality Assurance Cell (IQAC)
- Departmental Quality Assurance Cell (DQAC)
- Admission Committee
- Research Monitoring Committee
- Anti-Ragging Committee
- SC/ST Equal Opportunity Committee
- Library Management Committee
- Annual Prize Distribution Committee
- Publicity Public Relation Establishment Committee
- RTU/AICTE Affairs Committee
- Website Development committee
- Audit committee
- Students Grievance Redressal Committee
- Purchasing and Building Maintenance Committee
- Various Clubs working under Student Council
- NSS Committee
- Extension Activities Students Welfare Committee
- Alumni Association Monitoring Committee

2. Student Council: The goal of council are to improve the technical abilities of students as well as the reputation for the institute as a leader in innovation and creativity. Students will get a platform to show their potential for technical and non-technical fields. To prepare our students for competitive exams and to arouse them to work for the welfare of the community various clubs are developed at institute level. Our team organizes many educational activities to develop the personality of student, to increase the cognitive level of students, to develop creativity in students, to increase their confidence level.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	? Curriculum Development Poornima Institute of Engineering and Technology is affiliated with Rajasthan Technical

University, Kota, the curriculum is decided by Rajasthan Technical University, Kota itself. The institute has adopted outcome-based education and the same is being implemented for the undergraduate program at present. To realize this, we also give some input by introducing various refresher courses, personality development classes, skill enhancement training, company specific training etc. To realize this, ? Company Recruitment Training (CRT Classes) ? Technical Club Classes (AUTO CAD, HTML, Excel, Power point etc.) ? Industrial Visits ? Industrial Trainings ? Online Workshops/Seminars ? Online Certification Courses (NPTEL/SWYAM/NITTTTR etc.) Value added courses in association with industry are also done by various departments. Computer Science Department conduct 11 activities, Civil Department 3 activities, EC and EE conduct 2-2 activities.

Admission of Students

Faculty members of Poornima Institute of Engineering and Technology always adhere to get knowledge through various platforms like online certification courses by NPTEL/SWYAM/NITTTTR, workshops, seminars and attend various national and international conferences. They utilize their knowledge to enhance learning of students by innovative ways through the concepts of Bloom taxonomy and applying Mission 10X concept in classroom teaching. Faculty members also use Open book Test, application based questions, GATE questions in regular assessment of students. This year, the COVID-19 has resulted in educational institutes shut all across the world. Due to this, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. It has made people mandatory to sit indoor and sitting idle indoor may lead to mental stress. Hence to keep people engaged and free from mental stress, online learning can play important role. Online learning is the best solution during this pandemic situation. Faculty members of PIET use virtual classrooms to teach from home with all necessary tools which makes the online sessions as effective as traditional ones at different platforms

like Google Meet, Zoom, WeBex, Microsoft teams etc. They also learn a lot through online programs like webinar, Online Faculty Development Program, Online workshops, seminars and Online National and International Conferences

Examination and Evaluation

We believe in continuous evaluation of students by continuous evaluations through Class test after completion of each unit, Pre Midterm before each Midterm Exam, open book test, and assignments through offline and online mode through Google Classrooms to make them more compatible in support of final exam of Rajasthan Technical University, Kota for betterment of students. Due to pandemic situation of COVID 19, midterm theory and practical examination was conducted in online mode by Google Classroom and Google meet.

Research and Development

In Poornima Institute of Engineering and Technology. We emphasize our faculty members and students for research and development work from first year onwards through various activities:- ? Non Syllabus Seminars ? Non Syllabus Projects ? Annual Conference entitled as CONVERGENCE-2020 <http://convergence.poornima.org> ? Participation of faculty members at different internal and external forums. ? Involvement in patent publication ? 2nd International Conference on Information Management Machine Intelligence' (ICIMMI-2020) <http://www.icimmi.poornima.org> ? Patents ? IPR Activities In Convergence 2019 we get 336 research papers from diverse parts of country and outside India, but in Convergence 2020 we got 405 research papers Globally. Faculty members also associated with students and separately they are also publishing various research papers in National/ International Conferences, attending various Seminars, Workshops through online/offline mode. Faculty members are also doing PhD from renowned institutions and doctorate faculty members are also guiding junior faculties for their Doctorate degree and students for Projects and publications. The faculty is allowed to use the college facilities for research

	work.
Library, ICT and Physical Infrastructure / Instrumentation	College always use advanced and innovative IT Tools(Google Classroom/ Google quiz/Online classes on Zoom/Google meet, Virtual Lab, NPTEL Lectures, SWAYAM online courses etc) for technical education and also trained faculty and staff members for that, similarly infrastructure is also constructed or renovated by Department of Infra structure. Any other requirement related to apparatus/ instruments/books are also taken from various labs and departments from time to time at the level of Head of the department and Library Head under the supervision of Registrar office.
Human Resource Management	The current employment pattern of the institute satisfies the appropriate requirements. Students and Faculty members are encouraged to participate in trainings, workshops, Seminars, Conferences and faculty development programmes. Institute also provides leaves and financial support for participating in such activities as per policy framework decided by management. Incentive scheme is also there for best result and publication of books, SCI and Scopus Indexed Journals, UGC Care journals etc.
Industry Interaction / Collaboration	Institute maintains a strong connectivity with Industrial collaboration as per current need of the industry. We maintain some activities in regular mode like: • Industry Expert Lecture • Industrial Visit once in a semester • Industrial training • Certificate courses • Collaborations with Industries by MOUs with following industries ? MoU with Coursera ? MoU with Focus Academy for Career Enhancement ? MoU with Hitesh Lahoti Associates, Pune-I ? MoU with IBM India Private Ltd ? MOU - PIET RAPID OPS SOLUTIONS PVT.LTD ? MOU Coding Ninjas ? IOM YOUNIFY RADIO CAMPVC ? MoU with AIESEC ? MoU with Bennett University ? MoU with Focus Academy for Career Enhancement ? MoU with Hitesh Lahoti Associates, Pune ? MoU with Infosys Limited ? MoU with Innovation Cell, MHRD for IIC ? MoU with National Testing Agency ? MoU with Oracle Corporation ? MoU with Red Hat India Pvt. Ltd

<p style="text-align: center;">Admission of Students</p>	<p>Admission process is taken care as per the guidelines of State Government for State students, Out of Rajasthan candidates and Management quota. Senior Secondary or equivalent with Physics and Mathematics as compulsory subject along with one of the Chemistry/Biotechnology/Biology with at least 45 Marks in these three subjects taken together (40 in case of Candidate belonging to reserved category like SC, ST and OBC). We have students from out of Rajasthan as well. In spite of this, we have students from JK through the special scheme of Prime Minister Special scholarship Scheme (PMSSS). Continuously, we are improving quality of admitted students in term of marks at entry level. Following general measures are taken care during admission:</p> <ul style="list-style-type: none"> • Admissions in various courses are advertised through newspaper ads in national dailys. • Social media is utilized to reach out to the target audience for brand building and generating awareness. • A helpdesks provides all support and help to streamline the admission process.
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p style="text-align: center;">Finance and Accounts</p>	<p>? Finance and Accounts We have a separate finance department for all kind of expenditure and finance related issue. Also they uses SHARP software so that there may not be any discrepancies in financial dealings. The student fee is collected through the Fee portal as a cashless transaction by NEFT/ Card or Cashless transaction. Other expenditure like payment to external examiners for university lab exam, special lectures and guest lectures, sponsorship for conference/Workshop /Seminar/FDP/STP/Membership for Professional bodies etc. are also reimbursed directly to their respective account so that a transparent and quality finance system can be ensured.</p> <p>? Student Admission and Support Admission cell is working to ensure necessary work related to admission process like data management of all admitted students before admission and after confirmation of admission is maintained through NPF(No Paper Forms) and SHARP to maintain trenchancy among</p>

all stakeholders. Poornima Institute has agreed to engage with "No Paper Forms Solutions Pvt. Ltd." to automate their admission process. Company look after to enable Application Automation, CRM Marketing Automation Platform at Client's end as per the deliverables provided by the company for one year. For application purpose, Applicants may choose to pay form fee using either Online/Offline or DD based payment method. NPF handles and manage database related to all queries at the time of entry/before admission like Inquiry for admission, Registration for admission, Campus visit, Admission taken or not taken etc. Once the admission is confirmed, we manage student database in SHARP software for four years of B. Tech program. It maintain all basic information of students (Name, Parents Name, Contact details, Previous Academic record) attendance record during classes, Midterm assessment, Fee information etc. We have various internal and external web pages by which student can collect all information of Institute like: A. Internal e-governance sources • www.Poornima.org • Facebook -<https://www.facebook.com/Poornima.College.Engineering> • Linkedin - <https://www.linkedin.com/school/poornima-college-of-engineering-jaipur> • Instagram -<https://www.instagram.com/poornimacollege/> • Twitter -<https://twitter.com/poornimacollege> • Youtube-https://www.youtube.com/channel/UC2msVsvmUenma6MNv_KWCZw?view_as_subscriber B. External e-governance sources • Google • Shiksha - <https://www.shiksha.com/college/poornima-group-of-colleges-jaipur> • Get My Uni - <https://www.getmyuni.com/college/poornima-college-of-engineering-jaipur> • Facebook -<https://www.facebook.com/Poornima.College.Engineering> • Variouse-Education Fairs/virtual eduction fair <https://myfmindia.com/jef/> <https://virtualadmissionsfair.com/vfair/vf/afairs/delhi-ncr/exhibitor-details/32>

Examination

Final examination is taken by Rajasthan Technical University, Kota at different examination centre. Informations regarding examination (internal as well as external) are shared to students from College/University website. For

preparation of final exam, we conduct Google quiz, assignments, Open Book Test etc by online mode. Assignments are circulated to students through mail and Google Class rooms for better preparation of main exam. Virtual labs are also practiced by faculty members, Lab Technicians and students for better understanding of practical concepts. Midterm Examination are taken through Google classroom and Viva of students are taken through Google meet. Mid term marks and DECA marks are also displayed to students for maintaining transparent working and grievance redresses. Final examination is governed by Rajasthan Technical University, Kota at different examination centre which is also informed to students through mail.

Planning and Development

We are happy to share with you that we always follow a transparent system of information sharing by implementation of e-governance with all functioning bodies like the Governing Council, IQAC, DQAC, Director and Registrar along with department leadership. Quality improvement measures related to planning and development are discussed with the members of the governing council and approved and finalized with IQAC and DQAC for best implementation of planned working through e-governance. We use official Poornima mail IDs in the process of information sharing with all government bodies like AICTE, UGC, RTU and other constituent colleges. Important notices and circulars are circulated via e-mails to faculty members and students. We use SHARP software for managing faculty and student databases related to general information, attendance, midterm and end semester marks of students, library information etc. In the library we use DELNET software for managing library records. We are also upgrading our e governance system day by day to maintain more transparent working. Our faculty members and students can also explore IEEE, ISTE, IE(1) Student chapters for self learning enhancement.

Administration

For various administrative and academic activities, we use SHARP as a source of e-governance. All the data related to faculty members and students with their track record and

achievements all are inserted in that and regularly updated. The data includes general information, attendance, midterm and end semester marks of students, library information and so on. On the other hand, the other software DELNET is also used to regulate the activities of library books like borrowing, returning etc. These software help in upgrading the teaching and learning system of the institute. The surveillance and monitoring of the activities is managed by the CCTV cameras which the campus is equipped with. ? To achieve the target of Paperless IQAC , committee members of it started using Google facilities like

- Google sheet :-For data collection from Various Departments.
- Google Docs :-To prepare notices and activity reports.
- Google Forms :-To prepare Feedback forms and get Online feedbacks of Students, Parents.
- Google Drives :-To keep all department wise proofs. ? The college has FRS attendance for teaching and non-teaching staff. ? The college campus is equipped with CCTV Cameras installed at various places of need. ? WhatsApp Group helps to provide the brief notices of any event to be happened on college. ? WhatsApp Groups are also used for awareness and of smooth functioning of the same.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Sama Jain	DAE-BRNS 5th National Workshop on Material Chemistry (NWMC-2019)" at Manipal University	Nil	3500
2019	Mr. Rajesh Kumar	Faculty Development Program at CAD-DESK Jaipur	Nil	400
2019	Dr. Anurika Mehta	Three Day long Faculty	Nil	1300

		Development Workshop "Computing with Words via Fuzzy logic with Applications" at IIT Dehli		
2019	Dr. Ritu Soryan	"Prodigy- A science association" jointly with "the art of living" at SGT University, Gurugram, Delhi	Nil	2000
2019	Dr Prannath Dadhich	International Conference on " Interdisciplinary Academic Research and Innovation" (IARI-19)	Nil	2500
2019	Shuchi Shukla	National Conference on Recent Advancement in Computational Mathematics and Engineering Sciences	Nil	1150
2020	Dr. Krishna Kumar Gupta	NPTEL Course on "Introduction to Abstract and Linear Algebra"	Nil	1150
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Short Term Training Programme on "Strengthening Industry Academia Integration in	Nil	09/12/2019	13/12/2019	33	Nil

	Technical Institutions" (ICT based) in collaboration with NITTTR, Chandigarh					
2020	Three Days National Workshop On Internet of Things organized by Department of Applied Science in collaboration with Incubation Centre (IIT Patna)	Nil	24/06/2020	26/06/2020	722	Nil
2019	TEQIP-II I(RTU-ATU) sponsored 3- Days faculty development Program on "Scientific tools in Research Methodology "	Nil	07/08/2019	09/08/2019	40	Nil
2019	TEQIP-III RTU(ATU) Sponsored 3 Days Faculty Development Program on "Secure Cloud Computing and It's Real Life Applications".	Nil	06/09/2019	08/09/2019	100	Nil
2020	National Level Online Faculty De	Nil	19/05/2020	22/05/2020	114	Nil

	velopment Programme on Machine Learning Using Python					
2020	International Online Faculty Development Programme on "Cyber Threats and Ethical Hacking"	Nil	29/06/2020	01/07/2020	214	Nil

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on "Scientific Tools in Research Methodology" organized	1	07/08/2019	09/08/2019	3
FDP on Research Methods and Writing Skills in Mathematical Sciences	1	25/05/2020	27/05/2020	3
National level FDP on Latex at Poornima University	5	04/05/2020	08/05/2020	5
3 days FDP on Cloud Computing TEQIP sponsored at PIET	11	06/09/2020	08/09/2020	3

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
97	97	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Performance Incentive Scheme 2. Technical Publication Incentive Scheme 3. Consultancy Research Incentive Scheme of Poornima(CRISP) 4. Promotional Scheme for Patents Copyrights 5. Scheme for Pursuing PHD for Professional Progression at Poornima(SP5) 6. Participation in Conference/Seminar/Workshop/Training/Symposia ETC 7. Transportaion Facility 8. Dress Code for Faculty Staff 9. Subsidized Accomdation for Faculty Staff Members 10. Policy for Award to Employee Getting Married 11. Group Insurance Scheme for Faculty Staff Members 12. Travel Grant	1. Performance Incentive Scheme 2. Transportaion Facility 3. Dress Code for Faculty Staff 4. Subsidized Accomdation for Faculty Staff Members 5. Policy for Award to Employee Getting Married 6. Group Insurance Scheme for Faculty Staff Members 7. Travel Grant	1. Academic Awards 2. special Awards 3. Scholarships 4. Group Insurance Scheme for Faculty Staff Members, Students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

We have separate Finance Department under the Dr. M.K.M. Shah (Director Admin and Finance). He and his team look after all financial related matters like salary, any expenditure etc. Major decision is taken by Governing council meetings or board of Directors meetings.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Shanti Education Society (Management Contribution)	37623747	Infra and Academic Support
View File		

6.4.3 – Total corpus fund generated

1100000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC and NBA	Yes	Dr. Mahesh M. Bundeale

Administrative	Yes	NAAC and NBA	Yes	Dr. Pankaj Dhemla
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6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

We conduct Induction program for welcoming first year students with their parents. We make them aware about the systems of college, general introduction of Management authorities and session plans. Parents also interact with corresponding tutors of their child and discuss about the further process. • Tutor interacts with parents throughout the semester and discuss about achievements and weaknesses of ward and activities conducted by the management of college. • Parents are also invited in External and Internal audit, where they share their experiences and problems with committee members. • We also take feedback from parents in terms of academics, hostel facilities, various administrative activities, Curricular and Co-curricular activities to improve ourselves.

6.5.3 – Development programmes for support staff (at least three)

1. Online Training Program for enhancement skills from AICTE, NITTTR etc.
2. Training programs for Virtual Labs and Short term courses related to Labs.
3. Hands on Practice on tools used in Practical Laboratories.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

6.5.4 Post Accreditation initiative(s) (mention at least three) 1. ICT increased in Teaching learning process: In all Department, use of ICT increased by taking online classes on Google meet/ Zoom, by taking online exams through Google Classrooms/ Google Quizzes. All faculty members and students complete various online courses on Coursera/ UDEMY/Swayam portal/Tata Steel and enhance their knowledge. Department meetings also organized on Google meet. 2. Emphasis on Research and Development: Post graduated faculty members are advised to enroll for Doctorate degree for enhancement their knowledge. Students are guided towards the research oriented Projects from first year. 3. Wash room facilities for boys and girls improved on priority basis Wash room facilities for boys and girls is improved by proper cleaning and sanitization. Sweepers are strictly ordered for proper cleaning under management.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	For quality improvement in teaching learning process, a session conduct by IQAC regarding future plan	10/08/2019	10/08/2019	10/08/2019	50

	of departments and faculty members.				
2019	Assessing the performance of PBIC (Poornima Incubation Center) for improvement of quality work of center regarding entrepreneurship	24/09/2019	24/09/2019	24/09/2019	20
2020	For quality improvement, institute conducted Academic Administrative Audit department wise wherein the cross examination of documents was done so that it may result into desired outcomes.	10/02/2020	10/02/2020	13/02/2020	1100
2019	An international conference (ICIMMI-2019) organized Computer Science Engineering Department with springer.	14/12/2020	14/12/2019	15/12/2019	400
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
Empowerment of girls by Self Defense Activity	05/02/2020	05/02/2020	23	Nil
"Encourage girls for exploration and research by visit at Atomic Minerals Directorate, Jaipur"	28/02/2020	28/02/2020	40	Nil
Counselling Session by Women Cell	07/09/2019	10/09/2020	41	Nil
Skill Development of Women Through Vocational Training in Online Mode	17/04/2020	17/04/2020	28	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Use of solar panels as renewable energy sources to compensate for energy demand. Institute took part in the workshop "Student Solar Ambassadors" on October 2, 2019, which was organized by the Ministry of New and Renewable Energy in association with IIT Bombay. 13 students of Poornima Institute of Engineering and Technology participated in the workshop as a part of an awareness program. In college campus LED lights are used for energy conservation Use of rainwater harvesting system to conserve water resource

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
2019	Nil	1	17/08/2019	1	Shared Birthday Project Edition 1	Through this initiative the under privileged children got some happy moments and got to know their existence	22
2019	Nil	1	14/09/2019	2	Expert session on "Water Harvesting System"	Problems to install an efficient rain water harvesting system	42
2019	Nil	1	11/10/2019	1	Smiling Venture (International girl child day)	Through this program we have tried to give smiles to the under privileged children	15
2020	Nil	1	12/01/2020	1	The Shared Birthday Project Edition-2	Stop Child Labour And Child Begging	52
2020	Nil	1	18/01/2020	1	Aagaz (community development program related to children of slum area)	Providing a healthy, nurtured and nourished lifestyle to children who are	42

deprived of facilities due to poverty and a lack of opportunities

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct (Under Rules Policy)	02/07/2018	These rules are called The Poornima Institute of Engineering Technology Service Rules. They came into force w.e.f. 1st April 2018. These rules shall apply: (i) To all persons, existing and future, appointed by Poornima Institute of Engineering Technology or its constituents to the posts or services under its administrative control or in connection with the affairs of the college or its constituents. (ii) To all persons appointed to such posts or services on the basis of contract entered into by the college. Faculty Students were made aware of the same on regular basis

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Solution to Human Problems through Right Understanding	25/07/2019	25/07/2019	49
Expert lecture on Education should not be sold, rather it must be distributed	03/08/2019	03/08/2019	175
Expert lecture on "Competition and Cooperation"	10/08/2019	10/08/2019	172
Expert lecture on "Importance of values and ethics"	14/08/2019	14/08/2019	169

for budding technocrats"			
Bring A Life Back To Power (Blood Donation Camp)	05/09/2019	05/09/2019	171
Scope of Engineering Ethics Envelopes Diverse Activities (Engineer's Day)	14/09/2019	14/09/2019	38
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Swachhata Pakhwada (16/01/2020 to 31/01/2020): The activities and drives organized by the institute aimed at spreading awareness about Swachh Bharat Mission, the importance of cleanliness and hygiene and practical implementation of the ideas for obtaining a clean campus area and surrounding areas. 2. Nukkad Natak (23/10/2019) on vigilance awareness about Plastic Ban. 3. Tree Plantation: Someone is sitting in the shade because someone planted a tree long time ago. To inculcate a life happening joy in others' life PIET students planted flora under the guidance of Dr. Gautam Singh, Mr. Mohit Bajpai and Dr Mukesh Chandra. 4. Waste management: Avoid the use of disposal in campus. College provides bus facility to staff and students. By this minimize the use of personal vehicle and save fuel. 5. Paper free campus is practiced by following activities: • Use Digital payment options e-receipt. • Digital mode of Attendance and assignment submission. 6. Safety measures taken against COVID: • Distribute masks to staff. • Use Sanitizer dispensers in campus at different places. • Maintain social distances in campus. • Buses run as per government guidelines for staff. 7. initiative for renewable energy source, use solar panels for solar energy • In college campus LED lights are used for energy conservation 8. Use rain water harvesting system to conserve water resources

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice Case 1 1. Title of the Practice: Faculty, staff Student Reward Motivation Scheme 2. Objectives of the practice: The scheme was introduced to make the functioning of the college in a smooth way and to improve academic performance standard of institute. This scheme encourages faculty and students to contribute in a positive and competitive environment for the betterment of academic and non-academic activities as well as to improve research mindset of students and faculty members. 3. The context: Preparing for a global career, students in their undergraduate studies should try to acquire global competencies and innovative skills along with best academic result. PIET is always known to maintain its quality in academics and always provide a platform to all the faculty members, staff and students by which they can enhance their skills in multiple directions. 4. The Practice: In Indian higher education system, the teaching faculty members serve as an asset to the institute and their role makes it possible for the organisation to lead towards the growth and development of institute in all spheres. ? CRISP: Apart from various motivational policies, Institute has launched a research oriented policy from 2019-20 onwards, called as Consultancy Research Incentive Scheme of Poornima. In the light of changing economic scenario, government policies and priorities of Poornima, the institute considers sponsored research and industrial consultancy projects as an important means for extending benefit of scientific research work at the institute to the sponsoring agencies broadening the

experience base of the Institute community and as a tool for contributing to the country's and economic growth. Therefore, as a matter of policy, the institute encourages its faculty members to undertake research and consultancy work as a measure of scientific/ technical collaboration with outside agencies.

? Kalanidhi: It is the Annual prize distribution ceremony which is celebrated every year to felicitate give prizes to various class, branch and subject toppers who excel in field of academics and non-academics like Arun Chandra Singhi Memorial Award, Best Coding Award, Best IBM performance Award, Best sports person Award, Best Cultural Award, Best Attendance Award, Hostel Awards etc. The students are awarded with gold, silver and bronze medals respectively and certificate of appreciation. From 2019-20 onwards, Previously existing Department Day activity is merged with Kalanidhi for due motivation of students

? Performance Incentive Scheme for Faculty Technical Staff: Faculty members are also felicitated for excellence in academic performance shown in University result by Poornima management. Different types of Star category awards are announced e.g. One Star (), Two star () and three star () results. The faculty members are graded A/B/C by the management. The faculty members and Technical officer who are graded "A" are also eligible for incentive.

? Incentive Policy for Awards and Recognition To motivate the faculty members, the institution provides incentives to teachers who receive state, national and international recognition/awards, from Government body, industry and NGO in terms of salary increment, recognition by giving certificate and cash prize money every year.

? Technical Publication Incentive Scheme The Management of Poornima provide "Technical Publications Incentive Scheme" for faculty members. Under this scheme the publications must be related to broad academic disciplines relevant to subjects being dealt by the faculty member must include the name of Poornima with the author's name in renowned journals of Scopus Indexed, Springer, UGC care journals etc.

? Participation in Conference/Seminar/Workshop/Training/Symposia Management of Poornima always allow faculty members for participation in conference/ seminar/ workshop/ trainings/ symposia etc. The guidelines are aimed to provide an opening to all Faculty Staff members to interact at international and national level.

? Welfare Schemes: In spite of all such facilities, we also provide welfare schemes like Transportation, Dress Code, Subsidized Accommodation, Group Insurance Scheme, Travel Grant etc.

5. Evidences of success: After launching the incentive scheme for awarding students and faculty members, results are witnessed as 4-5 improvement as compared to previous results and university result. This leads further to retain the faculty members and balance the quality ratio. Also in the year 2019-20 due to launch of CRISP policy Institution has received funding of more than Rs. 20 lakh from AICTE, TEQIP etc.

6. Problems Encountered and Resources Required: Participation of individual faculty and students would strengthen the interaction with wide spectrum of industries and academics in a prearranged manner. For implementing this practice, Institute provide funding, travelling allowances etc. to be in association with the industries.

Best Practice Case-2

1. Title of the practice Project Oriented Labs Non syllabus Projects
2. Objectives of the practice To Gain hands on practice:

With the advent of informational society, the integration of technology and practical knowledge in education has aroused the dire need to promote it among the engineering students. The overall objective of engineering can be explored with practical experiences or hands on practice of real world and its issues related to what they create. To Focus on Problem Solving at Society level: This is absolutely necessary as engineering is all about creating something, which has societal benefits. Unless you know the society and its challenges, how anyone can you produce something that's required?

To spotlight on Real World problem: To prepare the students to solve/work on the real world/practical/theoretical problems involving concept of science and engineering. The overall objective of engineering can be possible if engineering students are not taught practical experiences of real

world and its issues related to what they create. 3. The Context- Developing and maintaining undergraduate research programs benefits students, faculty mentors, and the institute. Incorporating a research component along with projects enables students to develop independent critical thinking skills along with oral and written communication skills. The research process impacts valuable learning objectives that have lasting influence as undergraduates prepare for professional service. Every student in turn of this NSP program benefits from presentations and publications that serve to increase visibility in the scientific community. Whether projects are derived through student-generated or mentor-generated means, students benefit from completion of exposure to the hypothesis-driven scientific method. 4. The Practice Project Oriented Lab (R D lab) Every semester there should be at least one lab which is 100 project oriented. In this lab, the student is awarded credits only if he/she is able to commercialize his developed project. It is the responsibility of the concerned faculty/ Course coordinator to monitor the performance of the students in that lab on weekly bases and should give regular feedback for the same. Non Syllabus Project: Engineering is not mean to clear exams, learn all the theories and acquired degree. There is no meaning of degree without practical applications, whatever they are learning. For that purpose we include Non Syllabus activity in the regular syllabus so that our students are able to apply practical knowledge. It is also helpful to show his/her creativity and innovative mind. Besides all that he/she also learns to team work, documentation and gather experiences which help him in final year projects. Smart India Hackathon: After succesful participation in various events of projects exhibition, This year our students participated in Smart India Hackathon, Smart India Hackathon is a nationwide initiative aimed at proving platform for students to offer innovative solutions for pressing problems, thus including a culture of product innovation and a mind-set of problem solving. For Smart India Hackathon-2019, our students participated to solve 500 'Problem Statements' from 95 industries (e.g. Tata, Mahindra, ITC, Unilever, Indian Oil, GE Healthcare, etc.) and 18 Central Govt. ministries/agencies (ISRO, Deptt. of Atomic Energy etc.).A team of five students was selected for participation in final round of event after qualifying two internal rounds. 5. Evidences of success: ? Quality publication in Scopus Journal, Springer, UGC care journals etc. ? Project exhibition conducted every year and the best projects awarded with certificate and cash prize at KALANIDHI. More than 100 projects exhibited every year. ? Student participation: students are able to design, develop and present their skills to various events at IIT, NIT and national level. ? Even few IPR have been registered and every year 5-6 Entrepreneurs are also being evolved. 6. Problems encountered and resources required: Developing Projects has enhanced skill of our students, but the need of Innovative Project on latest technologies and support of Industry to provide key issues need to addressed. Innovation of students have resulted many IPR to the Institution, but the gap is huge. Infrastructure demand is also a major factor with latest developing technologies and innovations day by day. The process of setting both short-term and long-term goals for a project needs to be efficient and well thought of. To maintain the unique nature of projects there will frequently be the need to employ new technology.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://www.piet.poornima.org/public/naac/Best%20Practices%20\(2019-20\).pdf](http://www.piet.poornima.org/public/naac/Best%20Practices%20(2019-20).pdf)

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

INDUSTRY ACADEMIA INTERFACE FOR SKILL DEVELOPMENT OF FACULTY STUDENTS Poornima

Institute of Engineering and Technology has set benchmarks and has reached new pinnacles of Education with dedication, devotion and perseverance. Our quality education initiatives and student centric approaches have been recognized accredited by various government agencies. We got the appreciation in terms of outcome based education, research work, teaching learning process, teacher's competence and placement efforts. PIET is spearheading its outstanding voyage with the motto that Success is not a destination, it's a journey. PIET has ensured to deliver quality education in both IT core sector. PIET believes that better interaction between technical institutions and industry is the need of the hour. This will have great bearing on the Engineering Curriculum, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the country. With the advent of globalization to outside world, competitions among industries have become stiff. Similarly, there is a need to prepare engineering students for jobs in multinational companies, by exposing them to newer technologies and engineering methodologies as well as fostering and nurturing the entrepreneurial spirit of the students so that they become job creators than Job seekers. These objectives can only be achieved well by bridging the gap between industry and the academic institute. Industry academia tie-up is a novel form solution to bridging the gap between the job requirements and the training imparted at educational institutions. It has both short term and long term benefits. Keeping this in mind, PIET has made collaborations with various industries. These collaboration not only promise to enhance student employability greatly, but also take the lead in encouraging 'innovative' learning like never before. Building on their illustrations track record in helping students to future challenges, PIET has taken the ability to deliver industry -ready human resources to the next level, by partnering with these companies. Practice Measures in 2019-20: • Gold rating from CII, Rajasthan Chapter • Three faculty members have attended degree level Executive Programmes by industries like SILVER TOUCH TECHNOLOGIES LTD, HIRESUN ENERGY PRIVATE LIMITED, FORSK TECHNOLOGIES etc. • Faculty member authored to Industry like SILICON INDIA in Computer IT Engineering and Allied at degree level. • Almost 40 faculty members are linked to Industry at various discipline of Degree level. • Five Faculty Patents leading to industry products in Computer IT Engineering and Allied and Electrical Engineering and Allied discipline of degree level. • Faculty members are also associated to provide Training to Industry persons. • 25 Faculty members have been trained by industry like DVS WEB INFOTECH PVT LTD, CELEBAL INDIA SOLUTIONS PRIVATE LIMITED, RED HAT ACADEMY, B L KASHYAP SONS LIMITED, WONDER CEMENT LIMITED (RAJASTHAN) • Around 40 Guest Lectures have been conducted by renowned experts from various industries on technical topics. • Our infrastructure is shared with different industries with the objective of knowledge exchange programme e.g. IBM, RED HAT Academy, Oracle, FACE Academy etc. • 128 renowned companies have visited

Provide the weblink of the institution

[http://www.piet.poornima.org/public/naac/Institution%20Distinctiveness%20\(2019-20\).pdf](http://www.piet.poornima.org/public/naac/Institution%20Distinctiveness%20(2019-20).pdf)

8.Future Plans of Actions for Next Academic Year

- To enhance of quality of teaching learning process and foreseeing the PANDEMIC, institute will focused on ICT enabled classes and new teaching pedagogies.
- The institution will have more percentage of Doctoral faculty members in all the departments.
- The institution will apply and achieve for research grants/consultancy to funding agencies (Govt./ non-government/Industries)
- Value added courses of high impact on employability and skill development will be offered to all students as per need of Industry dynamics.
- More efforts and resources would be provided to have higher success rate in placement with improve percentages in Covid Pandemic.
- Career

Counselling and online resources would be provided to have higher success rate in competitive exams and higher education enrolment. • The institution will conduct more IPR activities and publish more number of patents. • All faculty members shall publish at least two research papers in SCOPUS/SCI/UGC Indexed Journals every year. • Organize virtual Conferences/Seminars/Workshops in next year for contributing more research outcomes to the society • To maintain within top 3 position in affiliated colleges of Rajasthan Technical University, Kota (RTU). • Institution will create an effective involvement of Alumni in various College Activities. • Conduct more activities and sessions addressing cross cutting technologies and social issues like gender sensitivity, environment, human values and professional ethics. • Ensuring interactive feedback, analysis and Action taken (follow-up). Academic and Administrative Audit (Internal/External) for continuous of academic up-gradation. • To increase the placement ratio in pandemic duration provide online carrier oriented program for students to improve skills. • Increase the institute industry tie up and give good exposure to students and faculty on latest technologies and Quality Internship. • Institute will be collaborated and signed MOUs with industry for quality placements. • Institutions will collaborate in creating new quality assurance and quality improvement processes that enhance the value of accreditation to higher education. • Institute will facilitate the start-up activities/ technology development by allowing students/ faculty/ staff to use institute infrastructure and facilities. • Institute will provide online platform to increase the students and faculty skill for better learning. • The Institution will have been doing and will conduct more social activities in pandemic duration. • To enhance the skill and knowledge of the faculty members by organising more exclusive Faculty Development Programme, IMS training and orientation program for the faculty members.