



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr. 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		registrar.piet@poornima.org			
Alternate Email		gautamsingh@poornima.org			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.piet.poornima.org/public/naac/aqar2018-19.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 organized a session	15-Dec-2018		85		

on current status, future plans of the departments and faculty members for quality improvement in the teaching learning process focusing MOOC OBE, industry interactions and hands on practice.	1	
A session was organized to discuss and elaborate the quality benchmarks for the session 2018-19 among all the faculty members.	24-Dec-2018 1	87
A workshop was organized on ICT tools and their adaptation which are used in teaching-learning process.	05-Jan-2019 1	80
The performance of PBIC (Poornima Incubation Centre) was accessed for the improvement of quality of entrepreneurship.	10-Jan-2019 1	20
A workshop on MOOC was conducted for the enhancement of knowledge through online web portals like NPTEL, SWAYAM etc.	12-Jan-2019 1	88
A workshop was conducted on research project writing for the students.	18-Jan-2019 1	220
IQAC organized a meeting for quality improvement through the following activities :	25-Jan-2019 1	35
Identifying the quality culture of the institute, IQAC initiated process NBA accreditation of the Civil Engineering department.	04-Feb-2019 1	40
A session was organized for non-Ph.D. faculty members were motivated for the pursuing Ph.D.	11-Feb-2019 1	20
For quality improvement, IQAC conducted Academic Administrative Audit and feedback from students in every department for the	18-Feb-2019 5	900

efficiency of the work and its examination done through the audit.

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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/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
PIET/Dr. Priya Mathur	TEQIPFDP	RTU (ATU) TEQIP-III	2019 3	300000
PIET/Computer Engineering/Dr. Dinesh Goyal	TEQIP - NATIONAL/INTERNATIONAL CONFERENCES UNDER RTU (ATU)	RTU (ATU) TEQIP-III	2019 2	470000
PIET/Computer Engineering/Dr. Dinesh Goyal	TEQIP - NATIONAL/INTERNATIONAL CONFERENCES UNDER RTU (ATU)	RTU (ATU) TEQIP-III	2019 3	300000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

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

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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)

The team of IQAC has taken all the necessary steps for the NAAC accreditation in 2018 -19 including the submission of SSR DVV and its evaluation. It is being looked forward to the NAAC Peer Team to visit the campus for the same.

Conducted external and internal academic and administrative audits as the academic & research efforts of academicians through all stakeholders for all programs wherein the cross checking of the desired documents and data maintenance by the particular department took place under the guidance of IQAC.

Trained the students in new technology as per industry needs. The purpose of the same was to increase the number of placements in various reputed industries. It was organized to boost up the students for their interest in entrepreneurship, industry partnership and innovation in eco-system.

IQAC has generated the revenue through grants received from government/industry for R& D, Consultancy, conferences / workshops.

IQAC organized the activities for plantation and sustainable development to create awareness and improve ecological practices to conserve power and to keep campus Eco - friendly.

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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
The intensification of revenue as grant through the government/ private funding agencies shall be focused and implemented	IQAC recomonded the activities for plantation and sustainable development to create awareness and improve ecological practices to conserve power and to keep campus Eco - friendly.
Increasing IPR and innovations.	Institution orgraised 3 IPR awareness session and also filed 3 Patents to Government of India
Sustainable development and improve ecological practices.	Department and faculty members were adopted for intensification of research for better academic performance, 10 research papers shall be published in SCI/Scopus/UGC Indexed journals and all departments must organised an international conference for the same.
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 by introducing innovative Teaching Methods.	All the courses were covered under OBE and faculty members were instructed to work towards the achievement of set targets. If targets have not been achieved and analysed, they may have corrective actions for the same. Active and cooperative, Learning was introduced for the same.
Process of NBA Accreditation for Civil Engineering	Institution succesfully applied for NBA Accreditation of B.Tech Civil Engineering Program and Visit may be scheduled in 201920
dopting 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 by introducing innovative Teaching	Institution was able to achieve 84 placement with avergave package of 3.1 lac and good number students enrolled for higher studies too. Institution was also able to nurture 6 Entrepreneurs too.

Methods.	
Intensification of research work with 10 Research Papers in SCI/Scopus/UGC Indexed Journals along with Organization of International Conferences and Seminar	Institution successfully achieved the target and beyond with more than 12 SCI/Scopus Publication and 70 UGC Care publication. Institution also organsied 4 International Conferences with more than 500 papers presented in them
Follow up adherence academic calendar	100 adherence to academic calendar was achieved and all events and examination were held as per schedule
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Council	22-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	23-Feb-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Management Information System (MIS) The MIS, a Center for Software design, accomplishes a task of developing a holistic Education Management Information System in SHARP. Institute builds digital environment with a sense of appropriateness and coherence for all its stakeholders, so that mobilization of functioning may be strengthened. The objective is to provide an extensive support in the capture, processing, storage and retrieval of relevant, uptodate 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,
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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 welldefined logic, methodology for varied distinct purposes. The automated MIS modules is used for a host of functions, which are listed below: • 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 Regular data and source backup facilities are maintained. All the data and information are maintained as a history for further references. The role of MIS becomes significant when the data is needed at hand to justify the academic process of the college. The data provided by MIS is taken into notice as relevant for the various academics and nonacademics purposes which includes the dissemination of data at all levels from the beginning of the session to its end.

Part B

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). The Institute follows the curriculum approved by RTU. Initially academic calendar is prepared by Institute according to academic calendar of RTU. All departments of PIET are prepared calendar for academic and extra-curricular activities, all the academic, co-curricular and extra-curricular activities are planned in academic calendar of institute. Principal conducts a common meeting with all teaching and non-teaching staff before commencement of every semester. Students are made aware of commencement of semester through common notice. As per the prescribed syllabus of the University, Teaching Scheme is finalized at Department Level then HoD allocates the teaching load to faculty members according to their preferences in subject preference form following mentioned steps. 1. Subject preference form: Firstly 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: faculties prepare their course plan in-line with the departmental academic calendar. Faculties also classify the syllabus 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: They prepare delivery plan of each & every topic with expected delivery date. More focus is given on ABC Analysis of subject. Individual faculty uploads unit-wise course plan in ERP before commencement of semester. The detailed course file with CO-PO-PSO mapping is prepared by each faculty member. Finally complete plan is uploaded on ERP so that faculty can take lectures according to deployment plan. 5. ABC Analysis of student: Faculty receives a list from tutor that contains ABC analysis of students. A indicates intelligent, B- average, C-below average students. This list helps the faculty to track the performance of students in various aspects. 6. Zero lecture delivery: faculty delivers zero lecture to students that comprises of course introduction, its use in industry or research, syllabus of course, division of course in no. of lectures, dates of I & II mid tem exam, assessment process etc. 7. Lecture notes creation on prescribed format: Before going into the class faculty prepares their notes on prescribed format. Institute has adopted 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. SPLs: 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, e-learning, NPTEL lectures, technical quiz, assignments, internal tests etc. Contents beyond curriculum are identified and taught through workshops.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
IBM BI	NA	12/07/2018	8	YES	YES
IBM IoT	NA	09/07/2018	8	YES	YES
IBM Cloud Computing	NA	09/07/2018	8	YES	YES
Course on Internet of Things	NA	12/02/2019	5	YES	YES
COURSE ON PHP/MYSQL	NA	01/04/2019	5	YES	YES
ELECTRICAL CONTROL PANEL DESIGN, INSTALLATION AND MAINTENANCE	NA	06/08/2018	5	YES	YES
Computational Methods for Electrical Engineers using MATLAB	NA	25/03/2019	5	YES	YES

Verbal Ability and soft skills	NA	22/01/2019	5	YES	YES
VLSI and VHDL	NA	08/10/2018	5	YES	YES
Estimation and Valuation by using of Microsoft Excel	NA	15/01/2019	5	YES	YES
TOTAL STATION WORKSHOP	NA	12/10/2018	5	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Mechanical Engineering	09/07/2018
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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	Computer Science Engineering	02/07/2018
BTech	Civil Engineering	02/07/2018
BTech	Electrical Engineering	02/07/2018
BTech	Electronics and Communication Engineering	02/07/2018
BTech	Mechanical Engineering	09/07/2018

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

	Certificate	Diploma Course
Number of Students	950	0

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
Course on Road Alignment	08/10/2018	43
STADD PRO Software	18/03/2019	43
English Vinglish / Yuvasabha	13/11/2018	46
MACHINE LEARNING	11/02/2019	60
Internet of things (ECE)	04/12/2018	50
HTML/CSS/BOOTSTRAP	04/07/2018	120
JAVA PHASE-I	01/10/2018	29

Solar Power Professional	04/02/2019	45
Computer Vision using Python	12/03/2019	30
Complete Skill Development Program	16/07/2018	1091
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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	Civil Engineering	170
BTech	Computer Science Engineering	340
BTech	Electrical Engineering	39
BTech	Electronics & Communication Engineering	51
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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. The necessary actions are taken to solve the issues raised by the students through feedback. For the effective implementation of the Academic system, the following feedback methods are adopted: 1. Direct Feedback from students: The students are invited to share their views on various subjects, pedagogical methods and the academic environment of the department. 2. Interactive Feedback: Director and HoD interact with the students directly in the absence of subject faculty members for an unbiased feedback which includes the performance of teachers, coverage of syllabus etc. 3. Online Feedback: The consolidated feedback of all the subjects is collected through online mode and analysed 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. MOOC online courses and webinars help the students to enhance their</p>

technical knowledge. • 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 liaisoning. For this, every faculty gets liaisoned with at least one industry of his/her choice. It gives outcomes in the form 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 faculty meetings and corrective actions are initiated. • The constructive suggestions given by students, alumni, participants in the conferences are discussed in the departmental meetings in the presence of the deans and those 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. IQAC monitors and evaluates the performance of the enrichment programs. Paper presentations, project competitions, alumni talks and other such activities are organized under different student chapters and the evaluation is done by academic and industry experts.

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	78	45
BTech	Computer Science & Engineering	180	261	164
BTech	Electrical Engineering	60	0	0
BTech	Electronics & Communication	120	0	0
BTech	Mechanical Engineering	60	0	0

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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
2018	1091	0	91	0	91

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
91	91	540	28	2	9

[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 counselling 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'. Each faculty will be the mentor of a collection of 15 to 20 students. First-year students may have mentors from the Department of First-year and second-year, third-year, fourth-year students may have mentors from the parent department. 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 behavioural 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. 9. Maintain a detailed but clear file of all discussions with students. 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. Department assigns 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, behavioural changes, etc, through the Head of the Department or Institute. 6. To suggest the students in matters of their career. Type of Mentoring to be done 1. Career Guidance – concerning professional goals, selection of Profession, higher education. 2. Career development – regarding self-employment opportunities, entrepreneurship development, morale, honesty and integrity required for career growth. 3. Course work specific – concerning attendance and overall performance. 4. Lab specific – regarding Do's and Don'ts in the lab, monitoring student regularity through lab records.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1091	91	12

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
91	91	0	11	31

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
2018	Ms. Shruti Bijawat	Assistant Professor	India Innovation challenge design contest- 2018 from DST and Texas Instruments
2018	Mr. Ajay Saini	Assistant Professor	India Innovation challenge design contest- 2018 from DST and Texas Instruments
2018	Dr. Pran Nath Dadhich	Professor	AICTE-ECI-ISTE Chhatra Vishwakarma Awards - 2018
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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	B.Tech.	I	02/01/2019	01/05/2019
BTech	B.Tech.	II	21/05/2019	03/09/2019
BTech	B.Tech.	III	05/01/2019	02/05/2019
BTech	B.Tech.	IV	28/05/2019	25/09/2019
BTech	B.Tech.	V	04/12/2018	25/03/2019
BTech	B.Tech.	VI	26/04/2019	03/08/2019
BTech	B.Tech.	VII	03/12/2018	14/03/2019
BTech	B.Tech	VIII	20/04/2019	13/06/2019
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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. 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 Non Syllabus Project, Assignments, and Student Driven Activity (SDA). 6. In each subjects at least five assignments are given and evaluated. 7. Laboratory records is

accessed on continuous basis and marks are given on each experiment basis in evaluation sheet available in each laboratory. 8. In theory Papers College has authority to test the students for 20 of marks. 9. In laboratory Examination College has authority to test the students for 60 Marks. 10. 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 are mostly of objective nature. It was decided that objective tests are to be introduced to help the students prepare for state and national level examinations. Apart from these examinations, class tests, surprise tests, quizzes etc. are conducted by respective subject teachers. The final internal assessment marks are calculated by considering all the tests and assignments. 11. Project work, case studies and industrial visits and internship are assessed by seminars delivered by students on a regular basis along with viva-voce. 12. Non-syllabus project work and FACE is assessed on a continuous basis and grades are given. 13. The Examination Committee schedules and executes the evaluation process with strict monitoring on regular basis. 14. 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. 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.

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 teaching-learning 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-in-charge 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

publication (if applicable). 8. It is always ensured that all students are satisfied with their internal assessment.

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
B.Tech.	BTech	Electrical Engineering	60	50	83.33
B.Tech.	BTech	Electronics & Communication Engineering	28	21	75
B.Tech.	BTech	Civil Engineering	115	99	86.09
B.Tech.	BTech	Computer Science & Engineering	120	113	94.17

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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%20018-19.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	RTU TEQIP -III	470000	470000
Projects sponsored by the University	365	RTU TEQIP -III	300000	300000
Projects sponsored by the University	365	RTU TEQIP -III	300000	300000
Industry sponsored Projects	180	Shiv Shakti Engineers, Jaipur, (Rajasthan),	45000	45000

		India		
Industry sponsored Projects	210	TeXeL Consulting Engineers, Jaipur (Rajasthan)	55000	55000
Industry sponsored Projects	270	Nakshatra Enviro Services, Jaipur (Rajasthan), India	85000	85000
Industry sponsored Projects	1095	Arkle Consultancy (P) Ltd.	63000	63000
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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
IPR Cell: Awareness on IPR	Computer Science Engineering	03/12/2018
IPR for Students and Faculty Members-I	Computer Science Engineering	10/01/2019
IPR for Students and Faculty Members-II	Computer Science Engineering	25/01/2019
IPR Cell: Process of registration	Computer Science Engineering	09/02/2019
Workshop on Mathematical modelling Research Methodology	Computer Science Engineering	18/04/2019
Innovative practices considering various aspects of Civil Engineering	Civil Engineering	16/02/2019
Industrial Interaction- A Visit to Sewage Treatment Plant	Civil Engineering	31/01/2019
Workshop on Innovative practices in the field of Estimation and Valuation using Microsoft Excel	Civil Engineering	15/01/2019
IE Sponsored Workshop on Advance Numerical Practices	Civil Engineering	21/01/2019
Workshop on STADD Pro Software including industrial interaction	Civil Engineering	18/03/2019
International Technical Seminar on Mobile	Electronics Communication Engineering	12/01/2019

Wearable Devices and
Indoor Location
Technologies

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
Chhatra Vishwakarma Awards	Payal Kumari	AICTE-ECI-ISTE	13/11/2018	Student
Chhatra Vishwakarma Awards	Devendra Suthar	AICTE-ECI-ISTE	13/11/2018	Student
Chhatra Vishwakarma Awards	Kalpna Jareda	AICTE-ECI-ISTE	13/11/2018	Student
Chhatra Vishwakarma Awards	Manish Gautam	AICTE-ECI-ISTE	13/11/2018	Student
Chhatra Vishwakarma Awards	Brahmraj Meena	AICTE-ECI-ISTE	13/11/2018	Student
Chhatra Vishwakarma Awards	Dr. Anurika Mehta	AICTE-ECI-ISTE	13/11/2018	Faculty
Chhatra Vishwakarma Awards	Dr. Pran Nath Dadhich	AICTE-ECI-ISTE	13/11/2018	Faculty
Quality Index Value	Poornima Institute of Engineering Technology, Jaipur	RTU, Kota	15/08/2018	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
1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	Writers Voice Society	Entrepreneurship	01/07/2018
1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	Tinkers Town	Skill Development	01/08/2018
1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	Origin Club	Skill Development	26/03/2018

1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	NamasteSir.com	Entrepreneurship	01/11/2018
1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	RashanBag	Entrepreneurship	19/11/2018
1	POORNIMA BUSINESS INCUBATION CENTRE	Poornima Institute of Engineering Technology, Jaipur	GoodMinds Club	Skill Development	19/01/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	4	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
No Data Entered/Not Applicable !!!	

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)
National	Computer Science Engineering	27	5.82
International	Computer Science Engineering	26	6.3
International	Civil Engineering	17	7.3
National	Electronics Communication Engineering	14	7.02
International	Electronics Communication Engineering	4	6.02
National	Department of Applied Sciences	5	7.3
International	Department of Applied Sciences	2	6.3
National	Electrical Engineering	2	5.31

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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 Science	10
Applied Sciences	2
View File	

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
An Optimized Task Scheduling in Cloud Computing Using Priority	Dr.Amit Kumar Gupta	Proceedings of 3rd International Conference on Internet of Things and Connected Technologies (ICIOTCT)	2018	2	Poornima Institute of Engineering and Technology	2
Hadoop as a service on premise VS over cloud	Dr. Dinesh Goyal	IEEE Explore ICOEI	2019	0	Poornima Institute of Engineering and Technology	0
Performance Comparison of Hive, Pig Map Reduce over Variety of Big Data	Dr. Dinesh Goyal	International Journal of Recent Technology and Engineering	2019	0	Poornima Institute of Engineering and Technology	0
An efficient approach for big data processing using spatial Boolean queries	Dr. Dinesh Goyal	Journal of Statistics and Management Systems	2018	11	Poornima Institute of Engineering and Technology	11
Unsupervised method for text summarization using content	Dr. Rekha Jain	SSRN ELSEVIER Journal: Perspectives in Science	2019	0	Poornima Institute of Engineering and Technology	0

based approach

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An efficient approach for big data processing using spatial Boolean queries	Dr. Dinesh Goyal	Journal of Statistics and Management Systems	2018	11	11	Poornima Institute of Engineering and Technology
Performance Comparison of Hive, Pig Map Reduce over Variety of Big Data	Dr. Dinesh Goyal	International Journal of Recent Technology and Engineering	2019	0	0	Poornima Institute of Engineering and Technology
Hadoop as a service on premise VS over cloud	Dr. Dinesh Goyal	IEEE Explore ICOEI	2019	0	0	Poornima Institute of Engineering and Technology
An Optimized Task Scheduling in Cloud Computing Using Priority	Dr. Amit Kumar Gupta	Proceedings of 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT)	2018	2	2	Poornima Institute of Engineering and Technology
Assessment of spatio-temporal variations in air quality of Jaipur city, Rajasthan,	Dr. Pran Nath Dadhich	The Egyptian Journal of Remote Sensing and Space Science	2018	20	20	Poornima Institute of Engineering Technology, Sitapura, Jaipur, Rajasthan, India

India

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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	0	37	0	0
Presented papers	28	14	0	0
Resource persons	0	2	0	0

[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
Entrepreneurship Awareness Drive, 16th October 2018.	IIT Kharagpur	2	400
Faculty Development Programme on Student Induction in collaboration with IIT Bombay	IIT Bombay	3	50
5th edition of Yi YUVA Leadership Camp 2018-19	Young Indians, Jaipur	5	60
ISB Leadership Summit	Young Indians, Jaipur	1	10
Learn Today - Lead Tomorrow	Young Indians, Jaipur	1	5
Awareness about ethical values in human behavior through a Workshop on Traffic Rules and Road Safety in collaboration with Young Indians	Yi Yuva Foundation	4	250
Motivating students for developing Universal Human Values and Ethics through "Manthan-A Group Level Debate Competition entitled as "The House Believes That Indian Politics Is	Young Indians, Jaipur	2	30

Politics of Appeasement" (Yi Club)			
Industrial Visit to Dainik Bhaskar, Jaipur	Dainik Bhaskar	1	38
Industrial Visit to Kanota Construction Site	Kanota Construction Site	3	120
Industrial interaction with Jaipur Metro Rail Corporation Ltd.,	Jaipur Metro Rail Corporation Ltd.	4	100
View File			

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
Quality Index Value	Rank of Institute-3	RTU, Kota	1091
Regional Convention of 2nd AICTE-ECI-ISTE	Chhatra Vishwakarma Awards	AICTE-ECI-ISTE	6
Campus recruitment training	Certificate of Merit Campus recruitment training	FACE Placements Ltd	6
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
Counselling Cell	Poornima Institute of Engineering Technology, Jaipur	Inner Peace Motivation Session	4	200
Helping Hands	Shri Ram Old Age Home	Shared Birthday Project	2	28
Helping Hands	Shri Ram Old Age Home	Visit to Old age Home	2	200
Helping Hands	Shri Ram Old Age Home	Village visit	2	200
World Yoga Day	AICTE	Yoga Session	3	300
Swachh Bharat Mission	AICTE	Swachhta Pakhwada	5	300
Annual Blood Donation	Jain Social Group	Blood Donation Camp	5	300
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
NBA Accreditation (ICT01)	Faculty members	Self finance support	5
Faculty Development Programme on student Induction	Faculty members of RTU affiliated colleges	Value Education Cell, AICTE	3
National Level workshop on Advance Internet of Things	Faculty members of RTU affiliated colleges	RTU (ATU) TEQIP	3
International Technical Seminar on Mobile Wearable Devices and Indoor Location Technologies	Faculty members and Students	Cisco Systems Inc, USA	1
International Conference on Smart Infrastructure Environment	Faculty members and Students	ISTE	2
International Conference on Smart Computation and Technology	Faculty members and Students	ISTE	2
International Conference on Smart Energy and Communication	Faculty members and Students	ISTE	2
International Conference on Smart Innovations for Society	Faculty members and Students	ISTE	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
Industrial Training	On Job Training	Habilelabs Pvt. Ltd.	04/02/2019	05/04/2019	Pranav Thakur (PIET 15CE074)
Industrial Training	On Job Training	RoboMQ Pvt. Ltd	21/01/2019	05/04/2019	Harshit Chourasiya (PIET15CE039)
Industrial Training	On Job Training	Smartsign	17/12/2018	05/04/2019	Aayush Bhaskar (PIE

					T15CE021)
Industrial Training	On Job Training	Evosys	11/03/2019	05/04/2019	Akshat Rajpu rohit (PIET15 CE012)
Industrial Training	TRAINING ON PRACTICAL ASPECTS OF RESIDENTIAL CONSTRUCTION SITE-PRECONSTRUCTION, POST CONSTRUCTION TRAINING ON PROJECT CONTROL, TOOLS TECHNIQUES	"Hitesh Lahoti Associates"Ground Floor Parijat Building, Opp. SNTD College, Near Lagu Bandhu, Karve Road, Pune - 411004. Ph No: 020-6524 3303, 64013303, 9890644677	11/03/2019	05/04/2019	97
Industrial Training	Visit to Sewage Treatment Plant	Dravyavati Sewage Treatment Plant , Taru Ki Koot , Jaipur	17/01/2019	17/01/2019	90
Industrial Training	On Job Training	Optimus Information India Pvt. Ltd.	15/01/2019	05/04/2019	Ashutosh Tiwari (PIET15CE012)
Industrial Training	On Job Training	Punchhstech Pvt. Ltd.	07/01/2019	05/04/2019	Yash Katta (PIET15CE023)
Industrial Training	On Job Training	Habilelabs Pvt. Ltd.	04/02/2019	05/04/2019	Laveena Chaturvedi (PIET15CE054)
Industrial Training	On Job Training	Habilelabs Pvt. Ltd.	04/02/2019	05/04/2019	Raja Nagori (PIET15CE086)
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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
Arkle Consultancy Pvt. LTD.	02/07/2018	Consultancy Projects	384
IBM INDIA PVT LTD	05/07/2018	IBM BlueMIX	384
IBM INDIA PVT LTD	05/07/2018	IBM COGNOS	384
Focus Academy for career Enhancement	27/08/2018	CRT programme	384

Bennett University, Greater Noida, UP	09/10/2018	Faculty training on Deep Learning, Machine Learning and Artificial intelligence	26
MHRD	21/11/2018	Institution Innovation Cell	384
RED HAT Academy	26/11/2018	Industry Acedmia bridging courses	384
IBM INDIA PVT LTD	30/01/2019	IOT application and deployment using Bluemix	384
RAD HAT Academy	19/02/2019	RAT HAT Academy Program	384
Oracle Academy	02/03/2019	Software Update License Support	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
107	104

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
View File	

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	23733	7939266	311	103874	24044	8043140
Library Automation	1	40000	0	0	1	40000

Reference Books	3531	1179354	127	42418	3658	1221772
e-Journals	400	11500	1	13570	401	25070
Journals	50	143800	6	157116	56	300916
Weeding (hard & soft)	1119	335700	65	19500	1184	355200
e-Books	1350	11500	223	13570	1573	25070
View File						

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
Mr. Deepak Moud	DBMS	LMS	12/12/2018
Mr. Sandeep Tuli	DBMS	LMS	23/01/2019
Dr. Rekha Jain	RTS	LMS	03/01/2019
Dr, Megha Gupta	TOC	LMS	06/02/2019
Dr. Amit Gupta	Compiler Design	LMS	20/06/2019
Ms. Mamta Sakpal	CGM	LMS	10/04/2019
Dr. Puneet Mathur	DSA	LMS	15/04/2019
Ms. Shruti Bijawat	DAA	LMS	14/05/2019
Dr. Prannath Dadhich	WATER RESOURCES ENGINEERING- II	LMS	24/04/2019
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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	380	11	380	1	1	26	46	100	0
Added	50	2	50	0	0	4	4	20	0
Total	430	13	430	1	1	30	50	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
112	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)

Maintenance is taken care of by a professional housekeeping agent, who has a professional workforce and skilled workers like technicians, electricians, plumbers, carpenters and painters. Maintenance of the college infrastructure is undertaken as follows: 1. Routine Maintenance: It includes the cleaning of the entire college campus and other infrastructure facilities. The routine maintenance is carried out by: 1. Appointed labour 2. Contract labour The work done is supervised by the maintenance department. Details of routine maintenance are sweeping of the campus done twice daily classrooms, cabins, staff rooms, office, computer centre, libraries daily Mopping of the campus and toilets twice daily. 2. Periodic Maintenance: It includes all the cleaning jobs, like cleaning of classrooms, water tanks, windowpanes etc. It is carried out through contract labour. The maintenance department supervises the work. Details of periodic maintenance are mopping of floors of classrooms and cleaning of glass panes of windows fortnightly sweeping of roofs, terraces, drinking water tank, paved area with water, quarterly removing of cob webs, cleaning of passages and staircase, monthly, etc. 3. Building Maintenance: It includes repairs of damages, intermittent painting of the infrastructure to keep the college building effectively functioning. Our students from the building maintenance department carry out most of the jobs. Major jobs are done by external agencies. The details of building maintenance involves cleaning of water supply line, water faucet, drainage line on quarterly basis painting of internal and external walls and benches annually and leakage, renovation and repairing as per need. 4. Electrical Maintenance: It involves the servicing, repairing and replacement of electrical accessories and installations in the campus which is carried out by the students of electrical department. It is supervised by the electrical department. The details of electrical maintenance are as per need for electric fixtures and water pumps heavy electrical installations and its repairing as per requirement. 5. Repair works: This includes the repairs of the furniture of the college. The total furniture of the college is divided into: • Lecture hall furniture • Office furniture • Teaching aids • Library furniture • Computer center furniture The maintenance department maintains the furniture included in the first four heads. It also includes renovation of the furniture and extension of infrastructure facilities. Computer Maintenance The college has a team of faculty representatives, hardware and software agencies who are constantly involved in the upgrading of computer systems with the inclusions of latest configuration software programmes and IT applications.

<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	1	10000

Financial Support from Other Sources			
a) National	Department of Army scheme, Social Justice and Empowerment Department, National Scholarship Portal Scheme. Department of Rly Scheme, Prime Ministers Special Scholarship Scheme (PMSSS) JK	105	4850600
b) International	NA	0	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 implementation	Number of students enrolled	Agencies involved
Bridge Course(Workshop on IBM Cloud)	02/07/2018	119	International Business Machines Corporation (IBM)
Bridge Course(Workshop on Traffic Rules and Road Safety Awareness)	05/04/2019	200	Yi Club, Poornima Institute of Engineering Technology
Yoga Session	14/07/2018	300	Poornima Group
Soft skill Development(Complete Skill Development Program)	01/07/2018	237	Focus Academy for Career Enhancement (FACE)
Language Lab Activity	01/07/2018	323	FACE Academy
Remedial Classes	15/10/2018	102	Department of Applied sciences
Bridge Course(Remote Sensing GIS Lab)	03/01/2019	119	Department of Civil Engineering
Personal Counselling(Group Discussion and Personal Interview)	23/10/2018	50	Department of Electronics Communication Engineering
Bridge Course(Machine Learning using Python)	11/10/2018	52	Department of Computer Engineering
Bridge Course(Workshop on JDBC)	18/10/2018	63	Department of Computer Engineering

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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
2018	Competitive Examination (GATE Classes)	341	0	14	0
2019	Career Counselling (Skill Development Program Through FACE Academy)	341	341	0	284

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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
0	0	0

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 Ltd.	193	23	Cognizant Technology Solutions India Pvt. Ltd.	1	1

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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
2018	1	B.TECH	CIVIL ENGINEERING	Yagyavalkya Institute of Technology, Jaipur	M.TECH
2018	1	B.TECH	CIVIL ENGINEERING	Galgotias University,	M.TECH

				Delhi	
2018	1	B.TECH	CIVIL ENGINEERING	JECRC University, Jaipur	M.TECH
2018	1	B.TECH	CIVIL ENGINEERING	Malaviya National Institute of Technology, Jaipur	M.TECH
2018	1	B.TECH	COMPUTER ENGINEERING	IIT, kharagpur	M.TECH
2018	1	B.TECH	COMPUTER ENGINEERING	National Institute of Technology, Rourkela	M.TECH
2018	1	B.TECH	COMPUTER ENGINEERING	National Institute of Technology, Rourkela	M.TECH
2018	1	B.TECH	COMPUTER ENGINEERING	National Institute of Technology, Rourkela	M.TECH
2018	1	B.TECH	COMPUTER ENGINEERING	Dr. B.R. Ambedkar National Institute of Technology, jalandhar	M.TECH
2018	1	B.TECH	ELECTRONICS & COMMUNICATION	MNIT	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	14
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
National Quiz Competition	National	150
Cultural Activity	Institution	250
Sports Activity	Institution	287
Prayag-2018	State	109
Aarohan	National	700
PRAKALP (Project Exhibition)	Institution	60

Poster Making Competition	Institution	210
Sports Day Celebration for II Year B.Tech Students Under RTU Skill Development Training-2018.	Institution	125
Poornima Manthan	National	700
CREATIVE ARTS COMPETITION	Institution	270
View File		

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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Lakshay Fest	National	1	0	PIET16CV003	Mr. Abhishek Prajapat
2018	Aarohan	National	1	0	PIET17CE025	Ms. Komal Sahariya
2018	Shabd-Baan	National	0	1	PIET16CE101	Shivam Sachdeva
2018	Basketball Winner	National	1	0	PIET16CE061	Mohit Kumar
2019	Basketball Winner	National	1	0	PIET16CE088	Raman Bajetha
2018	Digital Poster Making	National	0	1	PIET16CE110	Swapnil Joshi
2018	Documentary competition	National	0	1	PIET17CS095	Sarvesh Goyal
2018	Second Runner up-Kautilya	National	1	0	PIET 17EC019	Reena Thakur
View File						

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. Electrinfinitiy 5. Udaan Vikramajit Aeromodelling club 6. Yantram (research project club) Extra Co-Curricular 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 The Council consist of : • 1 Faculty Advisor: Dr. Pooja Gupta • 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 will be eligible to apply for the post of Chair, Students' Council. • Students of 2nd Year will be eligible to apply for the post of Co-Chair, Students' Council. • Students of 2nd Year will be eligible to apply for the post of Captain of any club. • Students of 1st Year will be eligible to apply for the post of Vice-Captain of any club. • Students having excellent track record in a leadership role will be preferred. • Students will apply through S-17 form and selection will be done by the committee through a personal interview. • Chair of Students' Council will be part of the committee interviewing Captains vice-Captains. Succession: Co-Chair Vice Captains will normally succeed 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 2018-19. 1. NATIONAL SPORTS DAY CELEBRATION (29 Aug 2018) 2. Workshop on VLSI Mode of Workshop: Presentation and Simulation of Programs(Date: September 6, 2018) 3. Department Day Celebration(15 Sept 2018). 4. PRAYAG 2K18 (25th Sept-28th Sept. 2018) 5. Arduino workshop(OCTOBER 2018) 6. Visit to Old Age Home, Chaksu, Jaipur(25 th October 2018). 7. Slum Area Visit "Naya Savera, Jaipur(November 16, 2018). 8. "TECHNO- STROM" on (26th November,2018). 9. WORKSHOP ON FUZZY LOGIC(20/12/18) 10. GOOD MINDS CLUB (19th Jan, 2019) 11. CSB Chapter (15th Feb to 18th Feb 2019) 12. Visit of Nirmal Vivek School(16 March, 2019). 13. Aarohan It is a Tech-Cult-Sports fest of Poornima Institute of Engineering Technology. This legacy is being passed on since 2009 with great energy and enthusiasm. AAROHAN provides unique opportunity to

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

25400

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. ? SESSION 2018-19 ? 4th Mini Convocation Date: 27th Sept 2018 Poornima Alumni Association organized convocation ceremony to celebrate the success of gratified PIETians -a degree award event,for the passed-out students. The fourth Mini Convocation was organized to honor the alumni of session 2013-2017 with their respective degrees. The batches of 2013 to 2017 of PIET ,Jaipur were awarded degrees at PIET campus on Thursday dated 27th Sept,2018 from 01:30 PM onwards at Arbuda Convention centre. The program endorsed with the presence of Chief Guest Dr. Rajveer Singh Shekhawat , Director , School of Computing Information Technology,Manipal University,Sh. M.K.M. Shah, Admin and Finance, Poornima

Group, Sh. Rahul Singhi, Director, Poornima Group, Dr. Gautam Singh, Registrar Chief Proctor, PIET along with all Heads of Departments. Everyone Phantom filled the air with the beatific vibes. Around 150 degrees were awarded to the alumnus of bachelors present in the ceremony by our valued guest and dignitaries. The convocation ended with a vote of thanks presented by Dr. Gautama Singh Sir. ? Alumni Meet 2K19 Date: 26th Jan 2018 Saturday, Jan 26 2018 was indeed a day to remember and cherish throughout the year, the meet was a great success with approximately 75 alumni as our guest. Event started with the welcome of alumni by the convener of the program Dr. Priya Mathur, Then welcome speech by Chief Proctor Dr. Gautam Singh. As the evening went ahead its chilling attitude the meet begin to flourish. Juniors performed with full dedicated and enthusiasm for their super seniors and ex-poornimities. As the proceeding started, and we were heading towards the night, the winter wonderland theme sparkled its glitter at its best. Alumni were thrilled with all the activities which were being organized for them by the PAA. All the decorations, efforts and a roller coaster ride was at last gave us the best alumni to meet and greet. Event as a conclusion was a grand success to celebrate. Alumni Interactions for each departments have been conducted by Poornima Alumni Association.

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)

The Institute governs in a well decentralized pattern to ensure efficient execution of academics as well as administrative activities. It includes Campus Director and other academic administrative officers as a team who are responsible not only to execute institutional policies effectively. The two practices of decentralization and participative management are IQAC and Student Council working in very effective manner. The institute believes that "The function of Leadership is to produce more leaders, not followers". With this objective, IQAC and student council work are two important initiatives to show participative working culture framed under the guidance and monitoring of management.

1. IQAC Vision of IQAC: To practice benchmarks and sustainable quality mechanism in academic and research initiative and process. Mission of IQAC

- To be the driving force for enhancing quality and channelize and systematize the efforts and measures towards academic excellence.
- To establish a student Learning-Centric environment by use of ICT tools for teaching and learning process and to inculcate value-based education systems.
- To assess the progress of the academic process through the audit system and to ensure effective and transparent operations to achieve excellence in Academic, Administrative and Financial activities.
- To ensure the adequacy and smooth functioning of the support structure and to build association with stakeholders and to stimulate Social Responsibility.

Operational Features of the IQAC

- IQAC has a well-developed process to ensure quality benchmarks in academics and administration.
- The Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities.
- It ensures the representation of female faculty members also by providing them a congenial environment and ambience.
- Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders.
- The students' surveys and feedback from all the stakeholders plays a vital role in framing and revising policies regularly.

2. STUDENTS' COUNCIL Objectives: To serve the community for its welfare and encouraging the society for the betterment in every aspect of life with the leadership qualities and sound skills of the students. The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out co-curricular and extracurricular activities. In addition to planning events that contribute to

spirit and community welfare. Student council is supported with monetary fund from management for efficient participative working. Main Features of Student Council • Consist Chair 2 Co-Chairs having eligible students. • The hierarchy of the council is changed with proper review of situations. • The Council has a faculty advisor, a Chair, two co-chairs, one captain and one vice-captain. • The various clubs like Engineering career awareness club, Electrinfinitiy, Jazba theatrical club, Music Vocals Club, Sports Club, Dance Club etc. work under the council. • It organizes various extra co-curricular activities with least intervention of Management. • The benefits of the council lie in terms of team work, skill development, connectivity, and certification etc.

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	Poornima Institute of Engineering and Technology is affiliated with Rajasthan Technical University, Kota, so the curriculum is decided by Rajasthan Technical University, Kota itself. Rather than we also give some input by introducing various programs to enhance quality of faculty and student learning beyond curriculum. The various programs are: 1. Certification course on IBM Blue mix 2. Industrial Visit 3. Industrial Training 4. Industrial Expert Lectures 5. Complete Skill Development Program (FACE Classes) 6. Certification course on Internet of Things 7. Certification Course on Machine Learning 8. Certification course on IBM Business Intelligence 9. Technical Club Classes (AUTO CAD, HTML)
Teaching and Learning	Teaching is a continuous process for enhancement of qualitative learning system. We always follow interactive teaching learning process by adopting Bloom's Taxonomy through Mission 10X sessions. We conduct various activities like OBT, Test Application based learning, case study and many more. Faculty members are always adhering to increase his/her knowledge by attending various faculty development programs, Short Term Training programs, seminars, workshops, conferences etc through online/offline mode.
Examination and Evaluation	We believe in continuous evaluation of students by taking Midterm exams and to make them more compatible for final exam conducted by Rajasthan Technical University, Kota. We pursue continuous practice by different modes of

evaluation to improve quality of evaluation system: ? Regular Class Test as per the units prescribed by affiliating university as the unit is completed in class ? Pre Midterm exam before First Mid Term exam to make students more aware about real time exam pattern. ? Open book Test at least one per subject in a semester ? Quiz by Google Classroom ? Midterm Exams of Theory ? Midterm Exams of Practical

Research and Development

In Poornima Institute of Engineering and Technology, we emphasize the students towards research and development work from first year onwards by various activities:- ? Non Syllabus Projects ? Conference (CONVERNGENCE-2019) Faculty members are also associated with students and also publishing research Papers in National/ International journals and ensure quality of research work through plagiarism checking by Turnitin software. Faculty members are also pursuing PhD from various reputed Institutions.

Library, ICT and Physical Infrastructure / Instrumentation

Institute always use innovative and quality methods and IT Tools (Google Classroom/ Google quiz, Virtual Lab, NPTEL Lectures, SWAYAM online courses etc) for teaching learning process. We also provide training to our faculty and staff members for using online resources. Proper infrastructure is also constructed or renovated by Department of Infrastructure, under guidance of Mr. Hari Singh Shekhawat (Director Infra.) and his team. Any other requirement related to apparatus/ instruments/books are also collected from various labs from time to time at the level of Head of the department and library Head.

Human Resource Management

Students and Faculty members are encouraged to participate in trainings, workshops, Seminars, Conferences and staff development programmes. College also provide leaves and expenditure for that (decided by management), Incentive scheme also there for best result and qualitative publication of books, SCI and Scopus Indexed Journals etc.

Industry Interaction / Collaboration

Industry Interaction / Collaboration: Signing of MOUs with industries for research projects, consultancy, placement, internship and interactive

sessions like seminars, webinars and workshops take place. Mutually-beneficial activities (based on the MOUs) are organised in every department for every semester. Total placement offers issued to students during this academic year is more than 100. As we have signed MoU's from companies like Infosys, IBM, Wipro to provide excellent and quality training based on emerging technologies to our students and faculty members.

Admission of Students

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.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>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</p>

end semester marks of students, library information etc. Student attendance was taken by using ERP software during class and also monitored at department level and institute level. 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 .

Administration

The institute administers the academics and non academic activities through the advanced software SHARP as a source of e-governance. It facilitates the management of data related to faculty members and students wherein there occurs no glitches and hindrance to track a record of any data. The data includes general information, attendance, midterm and end semester marks of students, library information and so on. It supports in monitoring the activities of the semester at both the departmental and institutional level. On the other hand, the other software DELNET is also used to regulate the activities of library books like borrowing, returning etc. These softwares 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. Different kinds of Google forms and drives are used to share the details from one level to the other so that the activities/ events may be conducted without the obstacles. The use of mobile and social sites are used to keep the intellectual asset updated with the latest information.

Finance and Accounts

To produce the information at hand, the institute uses SHARP in the account department so that there may not be any discrepancies in financial dealings. The student fee is collected through the Fee portal as a 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/Member ship for Professional bodies etc. are also reimbursed directly to their respective account so that a transparent and quality finance system can be ensured.

<p>Student Admission and Support</p>	<p>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 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 etc.</p>
<p>Examination</p>	<p>Informations regarding examination (internal as well as external) are shared to students from College/University website. For preparation of final examination conducted by RTU Kota, we conduct Open Book Test, Quiz through Google Class room. 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. 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.</p>

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/	Name of the	Amount of support
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2018	Prof (Dr.) Dinesh Goyal	-	Indian Science Congress	3000
2019	Prof (Dr.) Dinesh Goyal	-	Indian Society of Technical Education	3000
2019	Dr. Gautam Singh	-	Indian Society of Technical Education	3000
2019	Dr. Priya Mathur	-	National Society of Fluid mechanics and fluid power	2500
2019	Mohit Bajpai	-	Journal of Emerging Technologies and Innovative Research	2000
2019	Dr. Sushindra Kumar Gupta	-	International Association of Engineers	2000
2019	Manish bhardwaj	-	Institute For Engineering Research and Publication	2000
2018	Dr. Sama Jain	International Conference on Materials on Energy Applications (ICME).	-	2000
2018	Dr. Mukesh Chandra	20th National Space Science Symposium.	-	4000
2018	Ms. Shruti Bijawat	NPTEL SPOC	-	1500
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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)
2018	TEQIP-III sponsored FDP on Internet	-	31/08/2018	02/09/2018	6	0

	of Things					
2019	Faculty Development Programme on Student Induction in association with AICTE, New Delhi	-	27/05/2019	29/05/2019	17	0
2019	Webinar session on IPR for Faculty Members-I	-	10/01/2019	10/01/2019	79	0
2019	Webinar session on IPR for Faculty Members-II	-	25/01/2019	25/01/2019	77	0
2019	Training session on IPR Cell: Process and Registration	-	09/02/2019	09/02/2019	79	0
2018	Training Session on quality improvement in the teaching learning process focusing MOOC OBE, industry interactions and hands on practice	-	15/12/2018	15/12/2018	85	0
2018	Training Session on quality benchmarks for the session 2018-19	-	24/12/2018	24/12/2018	87	0
2019	Workshop on ICT tools and their adaptation in teaching-learning	-	05/01/2019	05/01/2019	80	0

	process.					
2019	Workshop on MOOC for knowledge enhancement through online web portals like NPTEL, SWAYAM etc.	-	12/01/2019	12/01/2019	88	0
2019	Workshop on NBA accreditation ICT-01 in coordination with NITRR Kolkata	-	22/04/2019	22/04/2019	40	0

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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
Faculty Development Program for Student Induction (FDP-SI)	3	09/07/2018	11/07/2018	3
Faculty Development Programme on "Universal Human Values and Professional Ethics"	2	12/07/2018	19/07/2018	7
Faculty Development Program on Artificial Intelligence and Machine Learning	2	17/12/2018	21/12/2018	5
Short Term Course on NBA Accreditation	14	22/12/2019	29/12/2019	5
Faculty Development	3	27/05/2019	29/05/2019	3

Program for Student Induction (FDP-SI)				
Workshop on NPTEL SPOC	1	21/11/2018	21/11/2019	1
Workshop on Python	11	22/06/2019	22/06/2019	1
Short Term Course on Artificial Intelligence and Deep Learning	6	12/10/2018	14/10/2018	3
Workshop on IPR Management	1	18/03/2018	18/03/2018	1
Workshop on Internet of Things	6	31/08/2018	02/09/2018	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
15	15	84	84

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Provident Fund 2. Group Insurance Scheme for Faculty Staff Members 3. ESIC Scheme 4. Performance Incentive Scheme 5. Technical Publication Incentive Scheme 6. Consultancy Research Incentive Scheme of Poornima (CRISP) 7. Promotional Scheme for Patents Copyrights 8. Scheme for Pursuing Ph. D for Professional Progression at Poornima (SP5) 9. Transportation Facility 10. Dress Code for Faculty Staff 11. Subsidized Accommodation for Faculty Staff Members 12. Policy for Award to Employee Getting Married 13. Participation in Conference /Seminar/ Workshop/ Training/ Symposia etc. 14. Travel	Group Insurance Scheme for Faculty Staff Members 2. Transportation Facility 3. Dress Code for Faculty Staff 4. Subsidized Accommodation for Faculty Staff Members 5. Policy for Award to Employee Getting Married 6. Performance Incentive Scheme 7. Travel Grant	Group Insurance Scheme for Faculty Staff Members, Students 2. special Awards The awards were distributed under different categories like Gold Medallists, Silver Medallists, Best Boy Best Girl, Outstanding Contribution Award, Best Outstanding Hosteller and the Best Project. 3. Scholarships (TFWS, PMSSS) 4. Academic Awards (Gold Medallists, Silver Medallists, Topper of University, Best Projects and Best Paper)

6.4 – Financial Management and Resource Mobilization

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

Yes, Audit of internal and external financial audits is done regularly by Accounts Audit section of Institute. Internal Audit is conducted by the Management regularly. External Audit is conducted by State Authorities. Both internal and external audit scrutinize the income and expenditures of the Institution very carefully in a transparent manner. Money is spent only for the genuine activities which is institution and students centric. Every rupee is spent with the consent of the management. Economy, Efficiency and Accountability are the motto of our institutions.

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
Poornima Alumni Association	25400	Membership of Alumni
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6.4.3 – Total corpus fund generated

25400

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	Dr. Prashant Sahay Saxena from Jaipur National University	Yes	Mr. Shashikant Singhi Chairman of Poornima Group
Administrative	Yes	Dr. Prashant Sahay Saxena from Jaipur National University	Yes	Mr. Shashikant Singhi Chairman of Poornima Group

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

- Induction programme was organized for the 1st year students along with their parents. At the end of the programme, parents are invited to share their feedback. Institutions achievements and Events are shared with the parents.
- During parent's teachers meeting feedback regarding Placement opportunities, co-curricular and extracurricular aspects are collected from parents. Also discussed the performance of their wards in the Continuous Internal Evaluation (CIE) Test and other activities.
- Parents are invited during the NBA, NAAC and other committee visits to give their feedback and suggestions.
- Tutors are keeping on touch with the parents to discuss the academic activities.
- Attendance report and Continuous Internal Evaluation (CIE) test performance of the students are sent through SMS to their parents.

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

? Training Programme on "Soft Skill Development" for Non Teaching Staff ?
 Training Programme on "Communication Skills". ? Workshop on "Stress free
 Effective working".

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

We are implementing various activities for strengthening our institute like: 1. More autonomy is given to student council. 2. Up gradation in teaching and non teaching staff. 3. More interactive teaching learning atmosphere with the help of e resources.

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	A workshop was organized on ICT tools and their adaptation which are used in teaching-learning process.	05/01/2019	05/01/2019	05/01/2019	80
2019	The performance of PBIC (Poornima Incubation Centre) was accessed for the improvement of quality of entrepreneurship.	10/01/2019	10/01/2019	10/01/2019	20
2019	A workshop on MOOC was conducted for the enhancement of knowledge through online web portals like NPTEL, SWAYAM etc.	12/01/2019	12/01/2019	12/01/2019	88

2019	A workshop was conducted on research project writing for the students.	18/01/2019	18/01/2019	18/01/2019	220
2019	IQAC organized a meeting for quality improvement through the following activities : <ul style="list-style-type: none"> • 2 International Conferences • Two IPR Workshops • Quality parameters for faculty peer quality • Going for NAAC accreditation 	25/01/2019	25/01/2019	25/01/2019	35
2019	A session was organized for non-Ph.D. faculty members were motivated for the pursuing Ph.D.	11/02/2019	11/02/2019	11/02/2019	20
2019	Identifying the quality culture of the institute, IQAC initiated process NBA accreditation of the Civil Engineering department.	04/02/2019	04/02/2019	04/02/2019	40
2018	A session was organized to discuss and	24/12/2018	24/12/2018	24/12/2018	87

	elaborate the quality benchmarks for the session 2018-19 among all the faculty members.				
2019	For quality improvement, IQAC conducted Academic Administrative Audit and feedback from students in every department for the efficiency of the work and its examination done through the audit.	18/02/2019	18/02/2019	21/02/2019	900
2018	IQAC organized a session on current status, future plans of the departments and faculty members for quality improvement in the teaching learning process focusing MOOC OBE, industry interactions and hands on practice.	15/12/2018	15/12/2018	15/12/2018	85
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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	
			Female	Male
Feedback and Counselling session for Women	12/08/2018	16/08/2018	44	0
Senior Women's Shadowing Program	10/09/2018	10/09/2018	15	0
Self Defense Activity for girls	08/02/2019	08/02/2019	28	0
Women's day celebration	08/03/2019	08/03/2019	44	0
Empower Female Entrepreneur	12/03/2019	12/03/2019	40	0
Skill development of women through Vocational training	12/04/2019	12/04/2019	32	0

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
110 KWH of Annual power requirement i.e. 1026536 KWH is compensated by the renewable energy sources by using solar panels and LED lights.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Physical facilities	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	0	1	16/03/2019	1	Visited Nirmal Vivek School (To help students and providing	22

					Mentally Disabled Children)	them with the basic needs	
2018	1	0	06/08/2018	1	Industrial visit at Dainik Bhaskar (Printing Press, Shivdaspura)	Students got the practical insights of Newspaper industry. They got the chance to see the advanced process and machinery of printing, coloring, newspaper folding, packaging and bundling etc with the help of latest machinery and technology.	245
2018	0	1	16/11/2018	1	Slum Area Visit "Naya Savera, Jaipur	providing a healthy, nurtured and nourished lifestyle to people who are deprived of facilities due to poverty and a lack of opportunities	36
2018	0	1	01/11/2018	1	Diwali celebration with Children	To spread happiness for slum area children's	40
2019	0	1	09/02/201	1	IOT based	To aware	5

			9		electricity distribution (Electrification of Government School)	the people of rural areas, existence of technologies like IOT	
2019	1	0	25/02/2019	1	Construction Site Visit	To get an understanding how the theoretical knowledge is fitted in practice	44
2019	1	0	19/03/2019	1	Industrial Visit to the production and working procedure of industry (Saras Dairy Plant, Malviya Nagar, Jaipur)	To provide students knowledge about the production and working procedure of industry	48
2019	0	1	20/03/2019	1	Visit to Old Age Home, "PUSHPANJALI", Jaipur	To inculcate values of empathy and compassion among students.	30
2019	0	1	08/05/2019	1	Orphanage visit (Shree Hindu Anath Ashram)	To understand the real life problem of Orphanage children and try to make them happy by doing some fun activities.	22
2019	0	1	03/02/2019	1	Shared	To spread	30

			9		Birthday Project happiness among kids of poor family so that they can also understand joy of life.
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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 may be called ?The Poornima Institute of Engineering Technology Service Rules?. They came into force w.e.f. 1stApril 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.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Motivating students for developing Universal Human Values and Ethics through "Manthan-A Group Level Debate Competition entitled as "The House Believes That Indian Politics Is Politics of Appeasement"	24/09/2018	29/09/2018	32
Inculcation of Ethics by Motivational lecture delivered by Defense	29/09/2018	29/09/2018	100

Personality on the occasion of celebrating "Surgical Strike Day"			
English Vinglish Yuvasabha (Enhance the communication skill and understanding the subjects and the world)	16/11/2018	20/11/2018	46
Student Excellence and Learning Program (SELP)	01/03/2019	08/03/2019	60
Awareness about ethical values in human behavior through a Workshop on Traffic Rules and Road Safety in collaboration with Young Indians (Yi Club)	05/04/2019	05/04/2019	250
Learning Interpersonal Relationship b/w Society and Education through UHV Lecture	03/08/2018	03/08/2018	250
Enhancement of Ethical values by Celebrating Sports day	29/08/2018	29/08/2018	72
Safety of humanity through Blood Donation Camp	05/09/2018	05/09/2018	80
Vishwakarma Jayanti (Inspiration for everyone to maintain a balance between our culture, ethics and technology)	17/09/2018	17/09/2018	130
Faculty Development Programme on Student Induction in collaboration with IIT Bombay	27/05/2019	29/05/2019	47

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Workshop for Renewable energy • Poornima Institute of Engineering Technology, Jaipur department of Electrical Engineering conducted a Technical

talk on Renewable Energy Application by Dr. A P Vishnu, Asst. Engg. RVPNL on 21th of Oct 2018. The Technical talk was based on the recent applications of Renewable Energy. 2. Swachhta Pakhwada • 1st -15th September 2018 was observed as "Swachhta Pakhwada" fortnight, where students took an active participation.

- Nukkad Natak on vigilance awareness about environment (15/10/2018)

3. Tree plantation activity is done every year on Environmental Day. 4. College provides bus facility to staff and students. By this we try to minimize the use of personal vehicle and save fuel. 5. Paper less working atmosphere in campus is practiced by following activities:

- Use Digital payment options e-receipt.
- Digital mode of Attendance and assignment submission.

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.
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. It applies to both the faculty members and students so that they may work hard for the achievement of desired goals.

? 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.

? Department Day: To encourage students in different fields of academic and non-academic excellence, Department day is celebrated and students are awarded in different categories like Best Student award, Best Cultural Award, Best Sport Award, Best Non Syllabus Project etc.

? 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 is pleased allow faculty members for participation in conference/ seminar/ workshop/ trainings/ symposia (to be termed as activity) etc. The guidelines are aimed to provide opportunity 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 2-3 improvement as compared to previous results and university result. This leads further to retain the faculty members and balance the quality ratio. By such motivational schemes, our students always prove their excellence in academics, sports and technical events at national and international platform. 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. Project Exhibition: It's an important event of PIET which creates awareness about contemporary technological scenario. This exhibition is organized in every year at PIET wherein students of other institutions are invited along to interact directly

with the makers of technical projects and models to know about their application. Each of the projects exhibited and presented in exhibition reflects technical knowledge and skills acquired by the students in their course of engineering. Along with the display of various selected technical and engineering working projects and models covering the fields of electronics,

civil, computer and electrical several others on the spot competitions, quiz, workshops and trials of various projects exhibited is also conducted through activities like Hands -on Practice "?????" (Udbhav): Annual Project Exhibition (Technically Sponsored by ISHRAE ISTE) under guidance of Research Project Club - Yantram. Students show immense enthusiasm, enormous efforts, and great team work and present with excellent projects in the categories of hardware, software and models. Udbhav marks the venture of our budding engineers and technocrats in to the field of technology which displayed extra ordinary skills of the students of PIET. Udbhav provided a platform to surface the hidden potentials of students and to motivate them for project based learning.

5. Evidences of success: ? Chhatra Vishwakarma Awards ? 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. School students are also invited in the exhibition. "?????" is covered by Daily News papers ? 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 scaling is also a major factor with latest developing technologies. 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_approved.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 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 to get placed in multinational companies. 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. PIET has made collaborations with various industries which not only promise to enhance student employability and innovative learning. PIET has taken the ability to deliver industry -ready human resources by partnering with these companies. ? Arkle Consultancy Pvt. LTD. for Consultancy Projects ? IBM INDIA PVT LTD for IBM Application development and deployment using Blue mix Blue MIX ? IBM INDIA PVT LTD for IBM COGNOS BI ? Focus Academy for career Enhancement for CRT programme ? Bennett University, Greater Noida, UP for Faculty training on Deep Learning, Machine

Learning and Artificial intelligence ? MHRD for Institution Innovation Cell ? IBM INDIA PVT LTD for IOT application and deployment using Blue mix ? RED HAT Academy for RED HAT Academy Program ? Oracle Academy for Software Update License Support ? RAPID OPS SOLUTIONS PVT. LTD for Industry Academia bridging Activities ? YOUNIFY APPLICATIONS PRIVATE LIMITED for Radio service in Campus ? Coding Ninjas for Industry Academia bridging Activities Practice Measures in 2018-19: • Gold rating from CII-AICTE Survey • Achieving more than 84 placements in current academic year • Regular 8 Industrial Visit of students as well as faculty members • 10 Expert Lecture from Industry • Poornima Business Incubation Centre has incubated 6 Startups till date • Arranged many Workshop/Seminars in collaboration with Industry • Professional development classes/CRT classes for all students from First to Final year on regular basis by Industry expert for preparing students for placement. • Participation of experts from industry in curriculum enrichment through Governing Council Meeting. • Professional consultancy by the faculty to industries. • Joint research programmes and field studies by faculty and people from industries under collaboration with AICTE, RTU -TEQIP etc. • 12 Memoranda of Understanding between the Institute and industries to bring the two sides emotionally and strategically closer. • RD Laboratories technically sponsored by industries at the Institute. • Practical training of students in industries. • Faculty recognition by Industry for their academic efforts

Provide the weblink of the institution

http://www.piet.poornima.org/public/naac/distinctive%20area_approved.pdf

8.Future Plans of Actions for Next Academic Year

- To enhance of quality of teaching learning process, institute will focused on ICT enabled classes and new teaching pedagogues.
- The institution will have more percentage of PhD holder faculty members in all the departments.
- The institution will adopt and receive research proposals to funding agencies (Govt. and non- government)
- Value added courses of high impact on employ-ability 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.
- More efforts and resources would be provided to have higher success rate in competitive exams and higher education enrollment.
- The institution will conduct more IPR activities and publish more number of patents.
- Encouraging and making more faculty members to get involved in research and consultancy.
- Improvement in Communication skills of students through peer learning strategy, bridge courses and career counselling sessions.
- All faculty members shall publish at least two research papers in SCOPUS Journal, SCI Journals and UGC care Journals in next year.
- Organize Conferences/Seminars/Workshops in next year
- It will establish the Green renewable energy technologies in and around the campus to fulfill the requirements of the Society and sustainable development.
- To regains 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 issues like gender sensitivity, environment, human values and professional ethics.
- Ensuring interactive feedback, analysis monitoring.
- Academic and Administrative Audit (Internal/External) for continuous of academic up-gradation.
- NBA Accreditation of civil engineering.
- Library enrichment and infrastructure amendments.